



**(Partnership agreement)**

*This document serves as model for the partnership agreement to be established between the lead partner and all partners in compliance with Article 13(2) of Regulation (EU) No 1299/2013 and as further explained in chapter A.1.2 of the programme implementation manual. This document provides all minimum compulsory requirements that the signed partnership agreement must hold. Additional elements may be included by the partnership in order to tailor the agreement to their specific needs. Additional provisions included in the final partnership agreement must in any case be in line with the programme objectives and the legal framework mentioned in the subsidy contract and partnership agreement.*

*It is strongly advised to check whether the terms and clauses - especially those dealing with company law, property law, disputes between partners and compensation for damages - are correct and consistent with the applicable law. The managing authority cannot under any circumstances or for any other reason whatsoever be held liable for damage or injury sustained by the application of this document. The managing authority therefore cannot accept any claim for compensation or increases in payment in connection with such damage or injury.*

Having regard to:

- the legal framework as in § 1 of the subsidy contract signed between the managing authority (hereinafter referred to as MA) and VŠB - Technical University of Ostrava acting as lead partner (hereinafter referred to as LP) of the project No CE1101, acronym AIR TRITIA and in particular Article 13(2) of Regulation (EU) No 1299/2013 and
- § 10 of the subsidy contract signed between the MA and the aforementioned LP on July 12, 2017;

the following agreement shall be made between:

VŠB - Technical University of Ostrava with its office at

(LeadPartner)

17. listopadu 15/2172

708 33 Ostrava

Czech Republic

represented by Ivo Vondrák

and

ACCENDO - Centrum pro vědu a výzkum, z.ú. with its office at (Partner 2)  
Švabinského 1749/19  
702 00 Ostrava  
Czech Republic,  
represented by Lubor Hruška

Główny Instytut Górnictwa with its office at (Partner 3)  
Plac Gwarków 1  
40-166 Katowice  
Poland,  
represented by Stanisław Prusek

Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z ograniczoną (Partner 4)  
odpowiedzialnością with its office at  
Zamkowa 3A  
43400 Cieszyn  
Poland,  
represented by Marta Sláviková

Instytut Meteorologii i Gospodarki Wodnej - Państwowy Instytut Badawczy (Partner 5)  
with its office at  
Podleśna 61  
01-673 Warszawa  
Poland  
represented by Przemysław Łagodzki

Žilinská univerzita v Žiline with its office at (Partner 6)  
Univerzitná 8215/1  
01026 Žilina  
Slovensko,  
represented by Tatiana Čorejová

Miasto Rybnik with its office at (Partner 7)  
Ul. Bolesława Chrobrego 2  
44-200 Rybnik  
Poland,  
represented by Piotr Kuczera

Statutární město Opava with its office at (Partner 8)  
Horní náměstí 69  
746 26 Opava  
Czech Republic,  
represented by Radim Křupala

Mesto Žilina with its office at (Partner 9)  
Námestie obetí komunizmu 1  
011 31 Žilina,  
Slovakia,  
represented by Igor Choma

Miasto Opole with its office at (Partner 10)  
Rynek-Ratusz  
45-015 Opole  
Poland,  
represented by Maciej Wujec

(Partner 11)

Statutární město Ostrava with its office at  
Prokešovo náměstí 8  
729 30 Ostrava  
Czech Republic,  
represented by Tomáš Macura

for the implementation of the Interreg CENTRAL EUROPE project CE1101, UNIFORM APPROACH TO THE AIR POLLUTION MANAGEMENT SYSTEM FOR FUNCTIONAL URBAN AREAS IN TRITIA REGION / AIR TRITIA approved by the Monitoring Committee (hereinafter referred to as MC) of the Interreg CENTRAL EUROPE Programme (hereinafter referred to as Interreg CE) on March 16<sup>th</sup> 2017 in Vienna.

1. For the purposes of this partnership agreement the following definitions apply:
  - a. Project partner (hereinafter referred to as "PP"): any institution financially participating in the project and contributing to its implementation, as identified in the approved application form. It corresponds to the term "beneficiary" used in the European Structural and Investment Funds Regulations.
  - b. Lead partner: the project partner who takes the overall responsibility for the submission and the implementation of the entire project according to Article 13 (2) of Regulation (EU) No 1299/2013. It corresponds to the term "lead beneficiary" used in the European Structural and Investment Funds Regulations.
  - c. Associated partner: any institution/body involved as observer in the project without financially contributing to it, as identified in the approved project application form.
  
1. This partnership agreement lays down the arrangements regulating the relations between the LP and all PPs in order to ensure a sound implementation of the project CE1101, UNIFORM APPROACH TO THE AIR POLLUTION MANAGEMENT SYSTEM FOR FUNCTIONAL URBAN AREAS IN TRITIA REGION / AIR TRITIA as in the latest version of the approved application form as well as in compliance with the conditions for support set out in the European Structural and Investment Funds Regulations, delegated and implementing acts, the programme rules based thereon and the subsidy contract signed between the MA and the LP.
2. The LP and all PPs commit themselves in jointly implementing the project in accordance with the latest version of the approved application form, with the aim to reach the objectives of the project. This also includes the commitment to produce qualitative outputs and to achieve the results set in the application form.

3. The LP and all PPs declare to have carefully read and accepted the legal framework and the other relevant norms affecting the project. In case that changes in the subsidy contract affect the partnership agreement, this document shall be adjusted accordingly.
4. The annexes to this partnership agreement form an integral part of this agreement and comprise *inter alia*: copy of the latest version of the approved application form (Annex 1); copy of the subsidy contract signed between the MA and the LP, including any revision(s) (Annex 2); list of bank accounts of the PPs (Annex 3).
5. The present partnership agreement serves also explicitly as written power of attorney of the PP to LP and authorises the latter to perform the specific duties and responsibilities as set out below.

This partnership agreement shall enter into force as from the date of the last signature of this agreement. It shall remain in force until the LP has discharged in full its obligations towards the MA - as provided for in § 4 of the subsidy contract signed between the MA and the LP.

All PPs entitle the LP to represent the PPs in the project. They commit themselves to undertake all steps necessary to support the LP in fulfilling its obligations as specified in the subsidy contract signed between the MA and the LP as well as in this agreement.

1. The LP shall assume the sole responsibility towards the MA for the implementation, management and coordination of the entire project and fulfil all obligations arising from the subsidy contract.
2. The obligations of the LP are listed in the Subsidy Contract, enclosed to this agreement as Annex 2.
3. In addition, the LP is obliged to:
  - a. Take all the necessary actions to comply with the requirements indicated in the programme implementation manual;
  - b. In case the project has foreseen to involve PPs located in EU regions outside the CENTRAL EUROPE area, ensure that the total ERDF expenditure of those PPs does not exceed the limit of 20 % of the total ERDF project budget;
  - c. In case the project foresees to implement activities in countries outside the EU territory, ensure that funds are spent under its and/or its PPs responsibility in order to secure a proper financial control;

- d. Ensure to take all the necessary measures in order to avoid that the subsidy contract is terminated by the MA and thus to avoid that the partnership is asked to repay the subsidy according to § 18 of the subsidy contract.
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1. Each PP shall comply with the relevant legal and other requirements under the law which applies to it, especially with the European Union's and national legislation as set out in § 1 of the subsidy contract (Annex 2) and its annexes. Furthermore each PP shall ensure that all necessary approvals (e.g. building permissions, environmental impact assessment statements) have been obtained. In particular, for the part of the project for which it is responsible, each PP shall ensure:
    - a. that it is in compliance with relevant rules concerning equal opportunities, protection of environment, financial management, branding, public procurement and State aid;
    - b. that it is implemented in observation of the rules and procedures set in the programme implementation manual (e.g. with regard to monitoring the project physical and financial progress, recording and storing of documents, written requests for project changes, implementation of information and publicity measures etc.);
    - c. that in case of aid granted under the *de minimis* regime all necessary requirements provided for in Regulation (EU) No 1407/2013 are respected by the PP concerned and also, when necessary, by those bodies benefitting of project activities/outputs.
    - d. that programme requirements on eligibility of expenditure, as provided for in the implementation manual and in line with § 5 of the subsidy contract signed between the MA and the LP, are strictly respected.
  2. Each PP confirms, according to the Law on Data Protection 2000, Austrian Federal Law Gazette No. 165/1999 in its valid version, that the MA is entitled to use personal data which are contained in the approved application form and which are acquired in the organs and authorised representatives of the following bodies and authorities: national control bodies and bodies and authorities involved in audits carried out for the programme, European Commission, auditing bodies of the European Union and the City of Vienna, the Federal Ministry of Finance of the Republic of Austria or any other institution responsible for conducting audits or controls according to European Union's or national laws. In addition, the MA is entitled to use such data and to share them with other programmes in order to implement their tasks linked to European anti-corruption policy and to make such data available to bodies and authorities for evaluation and monitoring purposes.
  3. Each PP shall set up a physical and/or electronic archive which allows storing data, records and documents composing the audit trail, in compliance with requirements described in the programme implementation manual. The location of the above mentioned archive is indicated in the programme electronic monitoring system and each PP commits itself to promptly inform the LP on any change of location.
  4. Each PP shall give access to the relevant authorities (MA/JS, Audit Authority, Commission Services and national and EU controlling institutions) to its business premises for the necessary controls and audits, as further ruled in § 17.
  5. Each PP shall ensure that its part of activities to be implemented in the approved project is not fully or partly financed by other EU Programmes.
  6. Each PP shall ensure that the following project and financial management conditions are fulfilled:

- a. To timely start as well as to implement the part(s) of the project for which it is responsible in due time and in compliance with the approved application form ensuring, in quantitative and qualitative terms, the delivery of its planned project activities, outputs and results;
  - b. To appoint a local coordinator for the part(s) of the project for which it is responsible and to give the appointed coordinator the authority to represent the partner in the project so that to ensure a sound project management;
  - c. To immediately notify the LP of any event that could lead to a temporary or permanent discontinuation or any other deviation of the part(s) of the approved project for which the PP is responsible;
  - d. To provide experts or bodies authorised by the Interreg CENTRAL EUROPE Programme carrying out project evaluations and/or studies with any document or information requested for evaluation purpose. Information might be provided also through surveys and/or interviews;
  - e. To promptly react to any request made by the MA/JS through the LP;
  - f. That expenditure reported to the LP has been incurred for the purpose of implementing the project and correspond to the activities described in the latest version of the approved application form;
  - g. That in case one or more output and result targets, as set in the latest approved version of the application form, are not successfully reached, adequate corrective measures are put in place to ensure the project performance as well as to minimise the impact at programme level (e.g. adaptation of the project to the changed situation) following the procedures specified in the programme implementation manual;
  - h. To immediately inform the LP if costs are reduced or any of the disbursement conditions ceases to be fulfilled, or circumstances arise which entitle the MA to reduce payment or to demand repayment of the subsidy wholly or in part;
  - i. To install a separate accounting system for the settlement of the project and safeguard that the eligible costs as well as the received subsidies can be clearly identified.
7. In the circumstance that any of the PPs is in the situation of undertaking in difficulty, within the meaning of point 24 (in conjunction with point 20) of the “Guidelines on State aid for rescuing and restructuring non-financial undertakings in difficulty” (Communication from the Commission No. 2014/C 249/01 of 31.07.2014), the concerned PP is to immediately inform the LP that shall in turn immediately inform the MA/JS;
1. For a sound implementation and management of the project, a steering committee shall be set up in line with provisions of the programme implementation manual.
  2. The steering committee is the decision-making body of the project and it shall be composed by representatives of the LP and all PPs duly authorised to represent the respective LP and PP institutions. It shall be chaired by the LP and it shall meet on a regular basis. Associated partners shall be invited to take part in the steering committee in an advisory capacity. External key stakeholders may also be invited to take part to one or more meetings in an observer/advisory capacity.
  3. The steering committee shall at least:



- a. be responsible for monitoring and validating the implementation of the project and the achievement of the planned results as in the approved application form;
  - b. perform the financial monitoring of the project implementation and to decide on any budget changes as in § 11 of this agreement;
  - c. monitor and manage deviations of the project implementation;
  - d. decide on project modifications (e.g. partnership, budget, activities, and duration) if needed;
  - e. be responsible for the settlement of any disputes within the partnership (as stipulated in § 22 of this agreement);
4. Further aspects, including the creation of sub-groups or task forces, may be set out in the rules of procedure of the steering committee.

In line with § 6 of this agreement, each PP is responsible towards the LP for guaranteeing a sound financial management of its budget as indicated in the latest version of the approved application form, and pledges to release its part of the co-funding. To this purpose, a separate accounting system must be set in place.

1. Each PP may only request, via the LP, payments of the contribution from the European Regional Development Fund (hereinafter referred to as ERDF) by providing proof of progress of its respective part(s) of the project towards the achievement of the outputs and results as set in the approved application form, in compliance with the principle of sound financial management (as determined by the principles of economy, efficiency and effectiveness) and by demonstrating the utility derived from any purchases. To this purpose, each PP commits to providing the LP with complete and accurate information needed to draw up and submit progress and final reports and, where possible, the main outputs and deliverables obtained in line with the approved application form. The reporting periods, spending targets and reporting deadlines are laid down in the overview table annexed to the subsidy contract.
2. In addition, in order to allow the LP to submit to the MA payment requests, enclosed to the progress reports every PP shall submit to the LP its certificates confirming the eligibility of expenditure, following verifications performed according to § 10.
3. In order to meet the deadlines mentioned in § 9.1, each PP commits itself to deliver to the LP the necessary information and documents 40 working days before the deadline set in the subsidy contract for submitting the concerned progress report.
4. Requests for postponement of the reporting deadline may be granted only in exceptional and duly justified cases. They shall be asked by the LP to the MA via the JS at the latest one week prior to the due deadline.
5. In line with § 11.6 of the subsidy contract, the LP shall confirm that the expenditure reported by each PP has been incurred by the PP for the purpose of implementing the project, that it corresponds to

the activities laid down in the approved application form and that it has been verified by its national controller.

6. If the LP casts doubts on the project relevance of any expenditure items claimed by a PP, the LP shall clarify the issue with the concerned PP with the aim of finding an agreement on the expenditure to be claimed and the corresponding activities to be reported as project-relevant. In the case that such agreement cannot be found, the procedure as stated in the implementation manual will be followed.
  7. Payments not requested in time and in full or non in compliance with the payment schedule as indicated in the overview table of reporting targets and deadlines annexed to the subsidy contract may be lost. In case of decommitment of funds § 18.4 applies.
  8. In order to proceed with the analysis of progress and final reports, each PP must provide additional information if the LP or the MA/JS deem that necessary. Additional information requested by the MA/JS are to be collected and sent by the LP within the demanded time frame.
  9. The MA reserves the right not to accept - in part or in full - certificates of expenditure as described in § 10 of this agreement, in line with provisions of § 6.4 of the subsidy contract.
  10. Following the approval of the progress report by the MA/JS and the respective ERDF funds have been transferred to the LP account, the LP shall forward the respective ERDF share to each PP without any delay and in full to their bank accounts as indicated in Annex 3. Bank accounts shall be whenever possible specific for the project and shall provide for registration in Euro (EUR; €) of total expenses (expenditure) and of the return (income) related to the project. Changes of the account number shall be duly notified to the LP.
  11. The maximum acceptable delay for transferring the ERDF to the PPs is of 14 working days. In exceptional and duly justified cases, LPs which are public authorities may benefit from an extension of the aforementioned deadline in order to comply with internal administrative procedures in transferring public funds. In case of unjustified delays in the transfer of ERDF funds to the PPs which are imputable to the LP, the PPs may claim interest rates which the LP shall exclude from the approved project budget.
  12. The LP shall provide all PPs with copies of any report and documentation submitted to the MA/JS and keep the PPs informed about all relevant communication with MA or JS, in line with § 11.8 of the subsidy contract.
  13. Details on the contents of the reports on the verification of expenditure, on the reimbursement of funds and on the related procedural rules are laid out in the programme implementation manual, the contents of which each PP accepts.
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1. Each progress report submitted by the LP to the MA via the JS must be accompanied by certificates confirming the eligibility of expenditure included in the report by the LP and the PPs. Certificates of expenditure must be issued by national controllers as referred to in Article 23 (4) of Regulation 1299/2013 according to the system set up by each Member State and in compliance with the requirements set by the legal framework listed in §1 of the subsidy contract. Certificates of expenditure shall be accompanied by the compulsory elements presented in the programme implementation manual (i.e., the control report and checklist). The project partners shall deliver all necessary documents in order to enable the LP to fulfil its obligations. To this end, the partnership may agree on internal rules and delivery procedures.

2. National controllers will base their work on the rules provided by each Member State and the requirements set in the respective EC Regulations and in the programme implementation manual.
  3. PPs from countries having set a decentralised control system ensure that controllers were selected in accordance with the system set up by each Member State and they meet the requirements of qualification and independence presented in the programme implementation manual. Furthermore, these PPs acknowledge that the MA reserves the right, after agreement with the national responsible institution, to require that the controller directly selected by a PP is replaced if considerations, which were unknown when the subsidy contract was signed, cast doubts on the controller's independence or professional standards.
  4. Each PP is to notify to the LP on its national controllers that, in accordance with the system set up by each Member State, shall carry out the verification of the expenditure of the PP. National controllers are identified in the supplementary information section of the programme electronic monitoring system.
  5. Any change of control authority/institution or name of controller(s) shall be duly notified to the LP who has subsequently to notify the MA via the JS.
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1. Changes in budget allocations per budget lines, work packages and partner as well as changes in activities/outputs and project duration are allowed as long as the maximum amount of funding awarded is not exceeded, if provisions related to State aid discipline are respected and if they follow the conditions and procedures as set out in the implementation manual.
  2. With regard specifically to budget changes, each PP may only apply changes in its approved budget if they comply with the flexibility rules stated in the programme implementation manual and if prior approval from the LP or the programme bodies has been provided, as appropriate. To this purpose, each PP shall timely inform the LP on any request of revision of its budget in respect to its original commitment.
  3. The contribution of the LP and each PP are clearly defined in the approved application form. Changes in the project partnership require the approval of the programme bodies as outlined in the programme implementation manual.
  4. In case of changes in the partnership, this partnership agreement shall be amended accordingly and signed by the LP and the PPs, including the new PP if applicable.
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1. The LP and the PPs shall ensure adequate promotion of the project both towards potential beneficiaries of the project results and towards the general public.
  2. Unless the MA requests otherwise, each PP shall ensure that any notice or publication made by the project, including presentations at conferences or seminars, shall point out that the project was implemented through financial assistance from ERDF funds and the Interreg CE Programme as required by Annex XII to Regulation (EU) 1313/2013. All information, communication and branding measures of the project shall be carried out in accordance with the aforementioned rules, the latest

version of the approved application form, the programme implementation manual and any other guidelines issued by the programme on the matter. The LP shall provide the PPs with relevant documents and any programme guidelines.

3. The LP must ensure that all the PPs and itself respect the additional branding requirements as laid down in the programme implementation manual which forms an integral part of this agreement.
4. Each PP shall ensure that any notice or publication relating to the project made in any form and by any means, including the Internet, states that it only reflects the author's view and that the programme authorities are not liable for any use that may be made of the information contained therein.
5. All PPs also takes the full responsibility for the content of any notice, publication and marketing product provided to the MA which has been developed by the PPs or third parties on behalf of the PPs. The PPs are liable in case a third party claims compensation for damages (e.g. because of an infringement of intellectual property rights). The PPs will indemnify the LP in case the LP suffers any damage because of the content of the publicity and information material.
6. Each PP shall comply with all publicity, communication and branding obligations (e.g. on the use of the programme logo, information requirements, organisation of events etc.) as further specified in the programme implementation manual.
7. The LP and each PP authorise the programme authorities to publish, in any and by any means, the following information:
  - a. the name of the LP and its PPs;
  - b. contact data of project representatives;
  - c. the project name;
  - d. the summary of the project activities;
  - e. the objectives of the project and the subsidy;
  - f. the project start and end dates;
  - g. the ERDF funding and the total eligible cost of the project;
  - h. the geographical location of the project implementation;
  - i. abstracts of the progress reports and final report;
  - j. whether and how the project has previously been publicised.
8. The MA is entitled to furthermore use these data for information and communication purposes as listed in Annex XII of Regulation (EU) No 1303/2013.
9. The MA on behalf of the MC and of other programme promoters at national level is entitled to use the outputs of the project in order to guarantee a wide spreading of the project deliverables and outputs and to make them available to the public. All PPs agree that the outputs are forwarded by the MA to other programme authorities as well as the Member States taking part in the programme to use this material to showcase how the subsidy is used. For the purpose of meeting the objectives as set out in § 9.1 of this agreement, each PP shall provide evidence of the deliverables and outputs produced as further specified in the implementation manual.
10. Any communication campaign, media appearance or other publicity of the project shall be communicated to the MA/JS for potential website updates or showcases.

1. PPs in exceptional cases and in well-founded circumstances are allowed to assign their duties and rights under this agreement only after prior written consent of the programme bodies and in compliance with the procedure specified in the programme implementation manual.
2. Where according to national laws the legal personality does not change and where all assets of a PP are taken over so that a deterioration of the financial capacity of the acquiring institution is not to be expected (i.e. in cases of universal succession) prior consent by the programme bodies is not necessary. However, the concerned PP shall submit in due time to the MA/JS via the LP related information together with all documents that are necessary to analyse the legal case. If the MA/JS comes to the conclusion the conditions as stated above are not fulfilled (e.g. in cases of a singular succession), the LP will be informed that a partner change procedure as stated in § 13.1 has to be initiated.
3. In case of assignment or any form of legal succession of any PP, the PP concerned is obliged to assign all rights and obligations and all project related documents to each and any assignee or legal successor. Related reports to the MA/JS as requested in the programme documents have to be forwarded by the LP.
4. In case § 13.1 applies, the present agreement shall be amended accordingly.

1. In the event of outsourcing, the PPs must obey community, national and programme rules on public procurement and shall remain the sole responsible parties towards the LP and, through the LP, to the MA concerning compliance with their obligations by virtue of the conditions set forth in this agreement including its annexes.
2. In case of financial involvement of associated partners, this must not enter in conflict with public procurement rules. Expenditure incurred by the associated partners shall be finally borne by any of the PPs or by the LP in order to be considered as eligible and on condition that this is allowed by national or programme rules.

1. According to § 10 of the subsidy contract, the LP bears the overall financial and legal responsibility for the project and for the PPs towards the MA and third parties.
2. Within the partnership, each party to this agreement shall be liable to the other parties and shall indemnify and hold harmless such other party for and against any liabilities, damages and costs resulting from the non-compliance of its duties and obligations as set forth in this agreement and its annexes or of other legal norms. Eventual repayment of undue funds by the PPs to the LP, for which the LP is liable towards the MA is ruled in § 18 of the present agreement.
3. The LP shall assume sole liability towards third parties, including liability for damage or injury of any kind sustained by them while the project is being carried out as stipulated in § 10.11 of the subsidy

contract. The LP is entitled to subrogate against the PP that caused the damage. The PP causing damage shall be liable to the LP therefore.

4. The parties to this agreement accept that the MA cannot be under any circumstances or for any reason whatsoever held liable for damage or injury sustained by the staff or property of the LP or any PP while the project is being carried out. No claims can be accepted by the MA for compensation or increases in payment in connection with such damage or injury.
5. No party shall be held liable for not complying with obligations ensuing from this agreement in case of force majeure as described in § 24 of this agreement.

1. Each PP is obliged to promptly inform the LP and provide all necessary details should there be events that could jeopardise the implementation of the project.
2. Each PP is directly and exclusively responsible towards the LP and the other PPs for the due implementation of its part(s) to the project as described in the approved application form as well as for the proper fulfilment of its obligations as set out in this agreement. Should a PP not fulfil its obligations under this agreement in due time, the LP shall admonish the PP to fulfil such obligations within reasonable deadlines set by the LP. The LP shall make any effort in resolving the difficulties, including seeking the assistance of the MA/JS. Should the non-fulfilment continue, the LP may decide to exclude the PP concerned from the project prior approval of the other PPs. The MA and JS shall be immediately informed of such an intended decision.
3. The excluded PP is obliged to refund to the LP any programme funds received for which it cannot prove that, on the day of exclusion, ERDF received for the project was used for activities carried out, and deliverables/outputs obtained, for the benefit of the project and that such activities and deliverables/outputs can be used for the further implementation of the project. The excluded PP is liable to compensate any damage to the LP and the remaining PPs due to its exclusion.
4. The excluded PP has to keep documents for audit purposes according to what stated in § 6.3 of this agreement.
5. The LP and all PPs herewith oblige themselves to compensate each other for those damages that may result from intentional or gross negligence, non-performance or mal-performance of any of their obligations under the present agreement.
6. In case of non-fulfilment of PP obligations having financial consequences for the funding of the project as a whole, the LP may demand compensation from the responsible PP to cover the sum involved.

1. The European Commission, the European Anti-Fraud Office (OLAF), the European Court of Auditors (ECA) and, within their responsibility, the auditing bodies of the participating EU Member States or other national public auditing bodies as well as the Programme Audit Authority, the MA and the JS are entitled to audit the proper use of funds by the LP or by its PPs or to arrange for such an audit to be carried out by authorised persons. The LP and PPs will be notified in due time about any audit to be carried out on their expenditure.

2. Each PP undertakes all the necessary actions to comply with the fundamental requirements indicated in this agreement, the subsidy contract, the applicable laws and programme documents (application and implementation manuals), which are an integral part of this agreement, to provide for comprehensive documentation on compliance with those norms and the accessibility to this documentation in line with § 6.4.

Besides the obligations with regard to reporting and information each PP particularly:

- a. Keeps all documents and data required for controls and audits safely and orderly;
  - b. Makes all necessary arrangements to ensure that any audit, notified by a duly authorised institution as indicated in § 17.1 can be carried out smoothly; and
  - c. Provides any requested information to these institutions about the project and gives access to their business premises, provides and gives access to all the information and documents supporting the audit trail as requested in the European Structural and Investment Funds Regulations, delegated and implementing acts and the programme implementation manual.
3. Each PP shall promptly inform the LP about any audits that have been carried out by the bodies mentioned in § 17.1 of this agreement.
  4. If, as a result of the controls and audits any expenditure is considered non eligible according to the regulatory framework as in § 1 of the subsidy contract, the procedure described in § 18 and 9.9 of this agreement shall apply.

1. Should the MA in accordance with the provisions of the subsidy contract, the implementation manual and § 9.9 of this agreement, demand the repayment of subsidy already transferred to the LP, every PP is obliged to transfer its portion of undue paid out amount to the LP in compliance with Article 27(2) of Regulation (EU) No 1299/2013. The LP shall, without delay, forward the letter by which the MA has asserted the repayment claim and notify every PP of the amount repayable. Alternatively and when possible, the repayment amount will be offset against the next payment of the MA to the LP or, where applicable, remaining payments can be suspended. In case repayment is deemed as necessary, this repayment is due within one month following the date of the letter by which the MA asserts the repayment claim to the LP. The LP shall be entitled to set an internal deadline to the concerned PPs in order to meet the MA requests. The amount repayable shall be subject to interest according to § 13.3 of the subsidy contract. Further provisions of the subsidy contract shall apply by analogy.
2. In case the PP does not repay the LP the irregular amounts by the deadline specified in the recovery letter, the LP informs the MA without delay. In duly justified cases, the MA informs the Member State, on whose territory the PP concerned is located in order to recover the unduly paid amounts from this Member State. Therefore, the respective Member State is entitled to claim the unduly paid funds that have been reimbursed to the MA from the PP.
3. In case that no PP can be held responsible for the request for repayment, the amount to be repaid shall be apportioned between all PPs pro rata to their project budget share.
4. Bank charges incurred by the repayment of amounts due to the MA via the LP shall be borne entirely by the concerned PPs.

5. If decommitment of funds apply in compliance with § 9.7 and provisions of the programme implementation manual, the PPs herewith agree that the deduction shall be imputed to those PPs that have contributed to the decommitment of funds unless a different decision is taken by the MC. Deduction of funds shall be done in a way not to jeopardise future involvement of PPs and implementation of activities.

1. Ownership, title and industrial and intellectual property rights in the results of the project and the reports and other documents relating to it shall, depending on the applicable national law, vest in the LP and/or its PPs.

2. Where several members of the partnership (LP and/or PPs) have jointly carried out work generating outputs and where their respective share of the work cannot be ascertained, they shall have joint ownership on it/them.

3. In case of joint ownership, the following provisions shall apply:

Intellectual ownership shall be divided between members of the partnership according to their respective share of the work carried out on the subject of the intellectual property.

Any other kind of joint ownership shall be governed according to the Czech national law.

These provisions shall be in line with § 26.7 of this Agreement.

4. The ownership of outputs having the character of investments in infrastructure or productive investments realised within the project must remain with the concerned LP and/or PPs according to the timeframe as well as under the conditions set in Article 71 of Regulation (EU) No 1303/2013. Should any of the conditions set by the mentioned Regulation not be met at a certain point of time, the MA/JS must be immediately informed by the concerned LP or PP. The MA will recover the unduly paid ERDF contribution in proportion to the period for which the requirements have not been fulfilled.

5. Each PP shall respect all applicable rules and the basic principles related to competition law as well as the principles of equal treatment and transparency within the meaning of the funding regulations and it ensures that no undue advantage, i.e. the granting of any advantage that would undermine the basic principles and political objectives of the funding regime, is given to anybody. Outputs and results, especially studies and analyses, produced during project implementation are made available to the general public free of charge and can be used by all interested persons and organizations in the same way and under the same conditions as by the LP or its PPs.

6. The MA reserves the right to use the outputs and results for information and communication actions in respect of the programme. In case there are pre-existing intellectual and industrial property rights which are made available to the project, these are fully respected.

7. Any income generated by the intellectual property rights must be managed in compliance with the applicable EU, national and programme rules on-revenues and State aid.



1. Earnings generated during the project implementation through the sales of products and merchandise, participation fees or any other provisions of services against payment must be deducted from the amount of costs incurred by the project in line with Art 61 of Regulation 1303/2013 and stipulations in the programme implementation manual.
2. The LP and each PP are responsible for keeping account and documenting all revenues generated, following project activities, for control purposes.

1. Although the nature of the implementation of the project is public, information exchanged in the context of its implementation between the LP and the PPs, the PPs themselves or the MA/JS shall be confidential.
2. The LP and the PPs commit to taking measures to ensure that all their respective staff members involved in the project respect the confidential nature of this information and do not disseminate it, pass it on to third parties or use it without prior written consent of the LP and the PP institution that provided the information.

1. In case of dispute between the LP and its PPs or among PPs, presumption of good faith from all parties will be privileged.
2. Should a dispute arise between the LP and its PPs or among PPs, the affected parties will endeavour to find a solution on an amicable way. Disputes will be referred to the project steering committee in order to reach a settlement.
3. The LP will inform the other PPs and may, on its own initiative or upon request of a PP, ask advices to the MA/JS.
4. Should a compromise through mediation in the framework of the project steering committee not be possible, the parties herewith agree that common court according to Czech national law shall be the venue for all legal disputes arising from this agreement.

The working language of the partnership shall be English.

1. Any official internal document of the project and all communication to the MA/JS shall be made available in English, being the official language of the Interreg CE Programme.

2. The present agreement is concluded in English. In case of translation of the present agreement into another language, the English version shall be the binding one.

1. Force majeure shall mean any unforeseeable and exceptional event affecting the fulfilment of any obligation under this agreement, which is beyond the control of the LP and PPs and cannot be overcome despite their reasonable endeavours. Any default of a product or service or delays in making them available for the purpose of performing this agreement and affecting the project performance, including, for instance, anomalies in the functioning or performance of product or services, labour disputes, strikes or financial difficulties do not constitute force majeure.
2. If the LP or PPs are subject to force majeure liable to affect the fulfilment of its/their obligations under this agreement, the LP shall notify the MA via the JS without delay, stating the nature, likely duration and foreseeable effects.
3. Neither the LP nor the PPs shall be considered to be in breach of their obligations to execute the project if it has been prevented from complying by force majeure. Where LP or PPs cannot fulfil their obligations to execute the project due to force majeure, grant for accepted eligible expenditure occurred may be made only for those activities which have actually been executed up to the date of the event identified as force majeure. All necessary measures shall be taken to limit damage to the minimum.

1. Legal proceedings concerning any issue ensuing from this agreement may not be lodged before the courts more than three years after the claim was constituted unless the chosen applicable law as in § 26.7 of this agreement states differently.

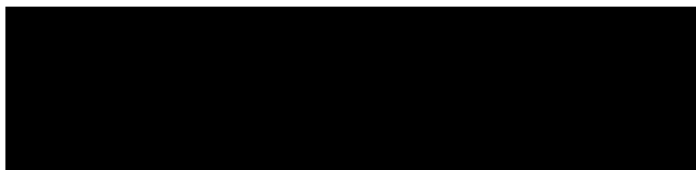
1. All cited laws, regulations and programme documents mentioned in this agreement are applicable in their currently valid version.
2. If any provision in this agreement should be wholly or partly ineffective, the parties to this agreement undertake to replace the ineffective provision by an effective provision which comes as close as possible to the purpose of the ineffective provision.
3. In case of matters that are not ruled by this agreement, the parties agree to find a joint solution.
4. Amendments and supplements to this agreement must be in written form and have to be indicated as such. Consequently, any changes of this agreement shall only be effective if they

- have been agreed on in writing and have been designated as amendment of or supplement to the agreement.
5. The LP and all PPs ensure that in case of modification of provisions mentioned in § 1 of the subsidy contract, updated rights and obligations derived thereof shall apply.
  6. Any costs, fees or taxes not eligible or any other duties arising from the conclusion or the implementation of this agreement shall be borne by the LP and PPs.
  7. This agreement is governed by and construed in accordance with the laws of the Czech Republic. Thus, the laws of the Czech Republic shall apply to all legal relations arising in connections with this agreement.
  8. To the effect of this agreement, the PPs shall irrevocably choose domicile at their addresses stated in the partner section of the application form (Annex 1 to this agreement) where any official notifications can be lawfully served.
  9. Any change of domicile shall be forwarded by the concerned PP to the LP within 15 days following the change.
  10. The present agreement must be signed by the LP and all PPs and evidence of the occurred signature has to be provided at the latest within three month after the entering into force of the subsidy contract between the MA and the LP, following the procedures described in the implementation manual. The MA reserves the right to check the partnership agreement in order to verify that it has been signed and that it is in conformity with the minimum requirements as provided for in § 10.2 of the subsidy contract and as set by the template of partnership agreement made available by the programme.
  11. Fifteen copies of this agreement are made, of which each party keeps one except the lead partner that keeps five.

Drawn up at Ostrava

**Lead partner**

Signature



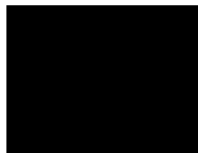
Date

31. 07. 2017



**Partner 2**

**Signature**



**Date** 28.7.2017

*Doc. Ing. Lubor Hlavka, Ph.D.*

ACCENDO – Centrum pro vědu a výzkum, z.ú.,  
Švabinského 1749/19, 702 00 Ostrava 2  
IČ: 28614950, DIČ: CZ28614950  
Telefon: 596 112 649  
Web: <http://accendo.cz/>

Partner 3

Signature



Date

2017 -07- 26

Partner 4

Signature

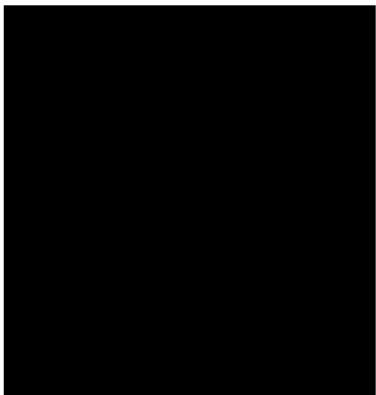
Date 15.7 2017

**DYREKTOR**

**Marta Slávková**



Europejskie Ugrupowanie  
Współpracy Terytorialnej  
**TRITIA** z o.o.  
43-400 Cieszyn, ul. Zamkowa 3A  
NIP: 5482662942 REGON 243238986



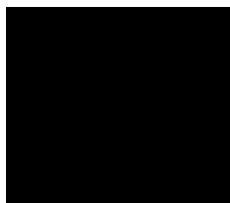
**2017 -07- 2 5**

Date

Partner 6

TATIANA ODREJDOVA'

Signature



Date

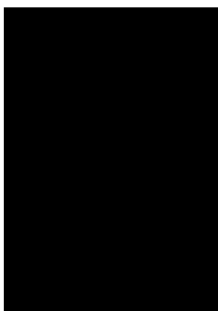
31.08.2014

ŽILINSKÁ UNIVERZITA V ŽILINE  
Univerzitná 8215/1  
010 26 ŽILINA  
-27-



Partner 7

Signature



Date 1.08.2017

z up. SKARBNIKA MIASTA

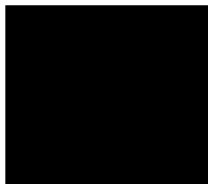


*Iwona Mazur*  
Zastępcza Skarbnika Miasta



Partner 8

Signature



Date

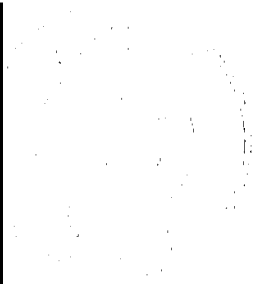
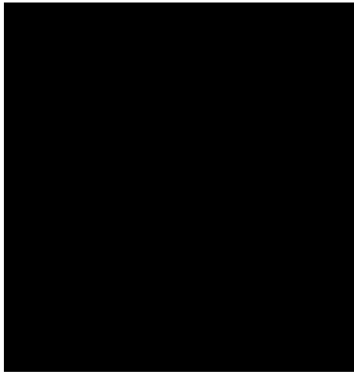
25. 07. 2017

RADIM KŘUPALA

*[Handwritten mark]*

Partner 9

Signature



Date

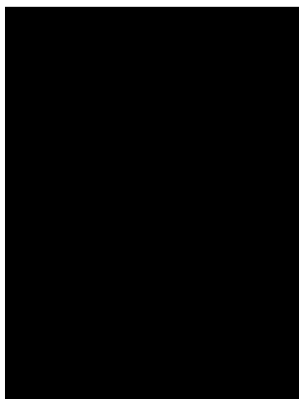
31-07-2017

*IGOL Chroma*

Partner 10

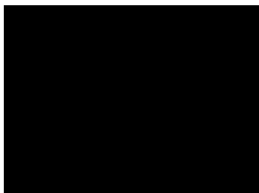
Signature

Date 18.8.2017



Partner 11 *TOMÁŠ MAČURA*

Signature



Date

31. 07. 2017

Annex 1: latest version of the approved application form (including its annexes)

Annex 2: copy of the subsidy contract signed between the MA and the LP, including any revision(s)

Annex 3: list of PP's bank accounts

The following documents, which are an integral part of this agreement, can be downloaded from the programme's internet web page: [www.interreg-central.eu](http://www.interreg-central.eu):

- Application manual for the call in which the project has been approved;
- Implementation manual

Any EU legislation mentioned in this agreement can be downloaded from <http://eur-lex.europa.eu>

# POVĚŘENÍ

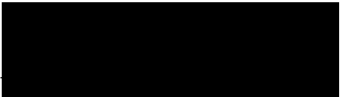
**prof. Ing. Ivo Vondrák, CSc., rektor**  
Vysoké školy báňské – Technické univerzity Ostrava  
IČ: 61989100  
se sídlem v Ostravě – Porubě, 17. listopadu 2172/15, 708 33

**tímto pověřuje prorektora pro studium**

**prof. Ing. Petra Noskiewiče, CSc.,**  
RČ: 590705/0259, č. OP 109840333  
bytem Polní 404, Dolní Lhota


ve smyslu ust. §10 odst. 4 z.č. 111/1998 Sb., o vysokých školách, jednáním za rektora ve všech jemu svěřených právech a povinnostech, včetně případů, kdy rektor dle zvláštních právních předpisů plní funkci statutárního orgánu, a to včetně těch právních úkonů, ke kterým je třeba písemné formy s tím, že rektor výslovně pověřuje prorektora pro studium k podpisu takových právních úkonů.

V Ostravě dne 19. 2. 2014

  
prof. Ing. Ivo Vondrák, CSc., rektor

Pověření přijímám:

V Ostravě dne 19. 2. 2014

  
prof. Ing. Petr Noskiewič, CSc., prorektor pro studium

## Prohlášení o pravosti podpisu na listině nesepsané advokátem


Běžné číslo knihy o prohlášeních o pravosti podpisu 005505/107/2014/C.

Já, níže podepsaná Mgr. Dana Prosická, advokátka se sídlem v Ostravě – Moravské Ostravě, 28. října 25, zapsaná v seznamu advokátů vedeném Českou advokátní komorou pod ev. č. 12418 prohlašuji, že tuto listinu přede mnou vlastnoručně ve trojí vyhotovení podepsal:

**prof. Ing. Ivo Vondrák, CSc.**, nar. 15.4.1959, bytem Na Havírně 475, 747 64 Velká Polom, jehož totožnost jsem zjistila z občanského průkazu č. 114222680.

Podepsaná advokátka tímto prohlášením o pravosti podpisu nepotvrzuje správnost ani pravdivost údajů uvedených v této listině, ani její soulad s právními předpisy.

V Ostravě, dne 19.2.2014

  
Mgr. Dana Prosická, advokátka  
**Mgr. DANA PROSICKÁ**  
advokátka  
ev. č. ČAK 12418, IČ: 71470221  
28. října 25, 702 00 Ostrava

Uvědomění

Podle ověřovací knihy Úřadu městského obvodu Poruba

pod č. vidimace 901/2014/1

tento uplývá ~~ověřený~~ \* kópie\*.

obsahující 1 stran

souhlasí doslovně s předloženou listinou,

z níž byla pořízena, a tato listina je

prvopisem\*

~~vidimovanou listinou~~

~~opisem nebo kopií pořízenou ze správné~~

~~listinou, která je vyčíslena z autorizovaného kontrolovaného dokumentu~~

~~stejným písmem jako výhledem jednotlivých nebo výhledem rozhodnutí~~

obsahující 1 stran.

Listina, z níž je vidimovaná listina pořízena, ~~obsahuje~~ /neobsahuje\* viditelný

zapisovací prvek, jenž je součástí obsahu právního významu této listiny.



V Ústí nad Labem dne 20.02.2014

Ludmila Ufmanová

Jméno a příjmení ověřující osoby, která vidimaci provedla

\* Někdy se skrácí



## AUTHORIZATION

**prof. Ing. Ivo Vondrák, CSc., Rector**  
of the VŠB – Technical University of Ostrava  
ID No.: 61989100  
with registered office in Ostrava – Poruba, 17. listopadu 2172/15, 708 33

hereby authorizes the Vice-Rector for Study Affairs

**prof. Ing. Petr Noskievič, CSc.**  
Birth Reg. no.: 590705/0259, ID card no.: 109840333  
residing at Polní 404, Dolní Lhota

in the meaning of the provisions of Sec. 10(4) of the Act no. 111/1998 Coll., on universities, to act on behalf of the Rector and exercise all rights and obligations assigned to him, including the cases in which the Rector acts as a governing body according to special legal regulations and including legal acts requiring a written form, whereat the Rector expressly authorizes the Vice-Rector for Study Affairs to make such legal acts.

In Ostrava on 19 February 2014

*stamp:*  
VŠB – Technical University of Ostrava  
708 33 Ostrava – Poruba,  
17. listopadu 2172  
-7-

*signature illegible*  
prof. Ing. Ivo Vondrák, CSc., Rector

I hereby accept the authorization:  
In Ostrava on 19 February 2014

*signature illegible*  
prof. Ing. Petr Noskievič, CSc.  
Vice-Rector for Study Affairs

### Declaration of Authenticity of a Signature Appearing on a Deed Not Drawn by an Attorney-at-Law

Current number of the Book on Declarations of Authenticity of Signatures 005505/107/2014/C.

I, the undersigned, Mgr. Dana Prosická, attorney-at-law with registered office in Ostrava – Moravská Ostrava, 28. října 25, entered in the list of attorneys kept by the Czech Bar under reg. no. 12418 hereby declare that this document has been signed by the undersigned in front of me and in triplicate:

**prof. Ing. Ivo Vondrák, CSc.**, date of birth 15 April 1959, residing at Na Havírně 475, 747 64 Velká Polom, whose identity has been ascertained from the identity card no. 114222680.

By this Declaration of Authenticity of a Signature the undersigned attorney-at-law does not confirm correctness or truthfulness of the herein provided information nor its compliance with legal regulations.

In Ostrava on 19 February 2014

*signature illegible*  
Mgr. Dana Prosická, attorney-at-law

*stamp: Mgr. Dana Prosická, attorney-at-law*  
Czech Bar Reg. no.: 12418, ID No.: 71470221  
28. října 25, 702 00 Ostrava



CERTIFICATION CLAUSE FOR VIDIMUS

Pursuant to the Book of Authentications of the Office of the Municipal Part Poruba

Vidimus seq. no.: 901/2014/1

this full\* / ~~partial~~\* ~~counterpart~~\*/ copy\*

consisting of 1 sheet

is a true copy of the produced document,

of which it was made, which is

an original \*

~~a certified copy \*~~

~~a duplicate or a copy made of a file\*~~

~~a document, which is an output from authorized conversion of documents. \*~~

~~a written counterpart of a decision or a decision statement.\*~~

consisting of 1 sheet.

The document, of which the certified copy is made, ~~does~~/does not\* include any visible security features forming a part of the legal significance of the document.

In Ostrava on 20 February 2014

Ludmila Ulmanová *signature illegible*

Forename and surname of the certifying person performing the vidimus

\* cross out irrelevant

*round stamp: Statutory Town of Ostrava, Office of the Municipal Part Poruba, -6-*



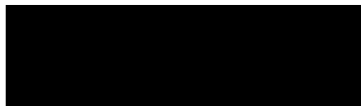
Jako tlumočnick jazyka anglického jmenovaný rozhodnutím Krajského soudu v Ostravě ze dne 28.2.2002, č.j. 1341/2002 stvrzuji, že překlad souhlasí s textem připojené listiny.

Tlumočnický úkon je zapsán pod poř. č. .... denku.

As a sworn interpreter of English language appointed by a decision of the Regional Court in Ostrava dated February 28, 2002, reference No. 1341/2002, I hereby certify that the translation is a literal translation of the attached document.

This interpreting act is entered under No.: ..... of the Journal.

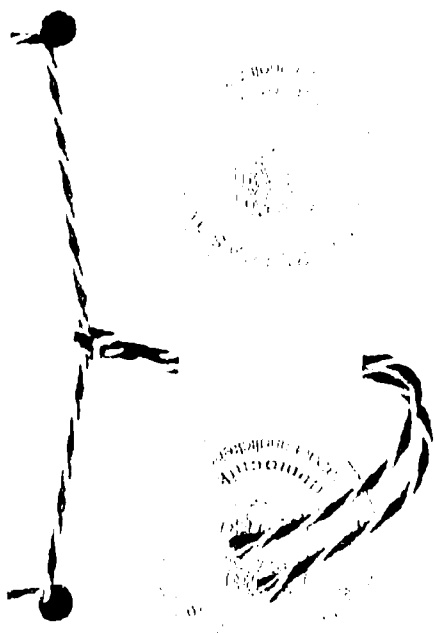
Dne/on: 26.4.2006



Lenka Petrášová



*kulaté razitko: Lenka Petrášová, tlumočnick jazyka anglického  
round stamp: Lenka Petrášová, interpreter of English language*





# APPLICATION FORM

Interreg CENTRAL EUROPE - Call 2

**CE1101 AIR TRITIA Version: 1**

**PDF export generated on May 18, 2017 4:11:02 PM**

## SECTION A - Project overview

### A.1 Project identification

<b>Programme priority</b>	3. Cooperating on natural and cultural resources for sustainable growth in CENTRAL EUROPE	
<b>Programme priority specific objective</b>	3.3 To improve environmental management of functional urban areas to make them more livable places	
<b>Project acronym</b>	AIR TRITIA	
<b>Project title</b>	UNIFORM APPROACH TO THE AIR POLLUTION MANAGEMENT SYSTEM FOR FUNCTIONAL URBAN AREAS IN TRITIA REGION	
<b>Project index number</b>	CE1101	
<b>Name of the lead partner organisation/original language</b>	Vysoká škola báňská – Technická univerzita Ostrava	
<b>Name of the lead partner organisation/English</b>	VŠB - Technical University of Ostrava	
<b>Project duration</b>	<b>Start date</b>	01.06.2017
36 months	<b>End date</b>	31.05.2020

### A.2 Project summary

*Please give a short overview of the project and describe in the style of a press release (please cover all the points below)*

- *the common challenge of the programme area you are jointly tackling in your project*
- *the main objective of the project and the expected change your project will make to the current situation*
- *the outputs of the project and who will benefit from them*
- *the project approach you plan to take and its transnational character*
- *what is innovative about it*
- *the transnational added value of the project*

Currently, the air quality improvement in excessively polluted areas is managed on local level, without respecting major causes of pollution and without optimization of measures to improvement. Air pollution is specific with its cross-border overrun, so it cannot be effectively managed without an international and regional cooperation. The main objective of the project is to create effective international air quality management through development of joint information database, management and prediction tools and air quality strategies. Joint regional approach to this issue is the main change brought by this project through "evidence based policy" and "result based management".

The main outputs of the project are a unified spatial database of needed information on international level, tools for efficient management of air quality (Air Quality Management System and Prediction Warning System) and a suggestion of strategies for improving air quality and reduction of emissions from various sources on the level of FUAs and regions of the TRITIA region.

Five FUAs (Ostrava, Opava, Zilina, Opole, Rybnik), and regions of 3 countries (Czech Republic, Slovakia, Poland) are involved into the project partnership and they will take active part in creation of a local (FUAs) and regional strategies (TRITIA).

The main innovation of the project is the application of joint cooperation approach to air quality management on international level with detailed mathematical modelling by use of supercomputers, verification of results by various types of measurements, and a joint proposal of optimal mix of measures with impact on human health accompanied with cost evaluation. The proposed procedures and outputs will be applicable anywhere in Central Europe, in the areas with similar problems.

### A.3 Project budget - breakdown per partner

Partner Name	Partner abbreviation	Country	Programme Co-financing			Partner Co-financing				TOTAL ELIGIBLE BUDGET	
			ERDF	ERDF co-financing rate (%)	% of Total ERDF	Public co-financing			Total co-financing		
						Automatic public co-financing	Other co-financing	Total public co-financing			Private co-financing
1 - Vysoká škola báňská – Technická univerzita Ostrava	VSB	CZECH REPUBLIC	841.099,31	85,00 %	38,40 %	0,00	148.429,29	148.429,29	0,00	148.429,29	989.528,60
2 - ACCENDO - Centrum pro vědu a výzkum, z.ú.	ACCENDO	CZECH REPUBLIC	430.444,69	85,00 %	19,65 %	0,00	0,00	0,00	75.960,83	75.960,83	506.405,52
3 - Główny Instytut Górnictwa	GIG	POLAND	219.402,45	85,00 %	10,01 %	0,00	38.718,09	38.718,09	0,00	38.718,09	258.120,54
4 - Europejskie Ugrupowani e Współpracy Terytorialnej TRITIA z ograniczoną odpowiedzialnością	TRITIA	POLAND	51.018,36	85,00 %	2,32 %	0,00	9.003,24	9.003,24	0,00	9.003,24	60.021,60
5 - Instytut Meteorologii i Gospodarki Wodnej – Państwowy Instytut Badawczy	IMWM-NRI	POLAND	191.053,62	85,00 %	8,72 %	0,00	33.715,35	33.715,35	0,00	33.715,35	224.768,97
6 - Žilinská univerzita v Žiline	UNIZA	SLOVAKIA	349.334,98	85,00 %	15,95 %	0,00	61.647,35	61.647,35	0,00	61.647,35	410.982,33
7 - Miasto Rybnik	Rybnik	POLAND	17.000,00	85,00 %	0,77 %	0,00	3.000,00	3.000,00	0,00	3.000,00	20.000,00
8 - Statutární město Opava	Opava	CZECH REPUBLIC	24.301,50	85,00 %	1,10 %	0,00	4.288,50	4.288,50	0,00	4.288,50	28.590,00
9 - Mesto Žilina	ZA	SLOVAKIA	24.301,50	85,00 %	1,10 %	0,00	4.288,50	4.288,50	0,00	4.288,50	28.590,00

10 - Miasto Opole	Opole	POLAND	17.871,74	85,00 %	0,81 %	0,00	3.153,84	3.153,84	0,00	3.153,84	21.025,58
11 - Statutární město Ostrava	OVA	CZECH REPUBLIC	24.301,50	85,00 %	1,10 %	0,00	4.288,50	4.288,50	0,00	4.288,50	28.590,00
<i>Sub-total for PPs inside the programme area</i>			2.190.129,65	—	100,00 %	0,00	310.532,66	310.532,66	75.960,83	386.493,49	2.576.623,14
<i>Sub-total for PPs outside the programme area</i>			0,00	—	0,00 %	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>			2.190.129,65		100,00 %	0,00	310.532,66	310.532,66	75.960,83	386.493,49	2.576.623,14

#### A.4 Project outputs

<i>Programme output indicator</i>	<i>Project output indicator target</i>	<i>Measurement Unit</i>	<i>Project output quantification (target)</i>	<i>Project output number</i>	<i>Project output (title)</i>
S.O.3.3 - Number of strategies and action plans developed and/or implemented for the improvement of environmental quality in functional urban areas	6,00	Number	1,00	Output O.T3.1.1	Common strategy of Air quality management for the TRITIA region
			5,00	Output O.T3.2.1	Specific air quality strategies for target FUAS
S.O.3.3 - Number of tools developed and/or implemented for the improvement of environmental quality in functional urban areas	11,00	Number	1,00	Output O.T1.1.1	Unified Information Database
			5,00	Output O.T2.1.1	AQMS - Air Quality Management System
			5,00	Output O.T2.2.1	PWS - Prediction Warning System



## SECTION B - Partners

### Partner list

Number	Partner name in English	Country	Abbreviation	Role	Associated to (in case of AP)
1	VŠB - Technical University of Ostrava	CZ	VSB	LP	
2	ACCENDO - Centre for Science and Research, Institute	CZ	ACCENDO	PP	
3	Central Mining Institute	PL	GIG	PP	
4	European grouping of territorial cooperation TRITIA Ltd.	PL	TRITIA	PP	
5	Institute of Meteorology and Water Management - National Research Institute	PL	IMWM-NRI	PP	
6	University of Zilina	SK	UNIZA	PP	
7	City of Rybnik	PL	Rybnik	PP	
8	City of Opava	CZ	Opava	PP	
9	The City of Zilina	SK	ZA	PP	
10	City of Opole	PL	Opole	PP	
11	City of Ostrava	CZ	OVA	PP	
12	Moravian-Silesian Region	CZ		AP	European grouping of territorial cooperation TRITIA Ltd.
13	Žilina self-governing region	SK		AP	European grouping of territorial cooperation TRITIA Ltd.
14	Opole Voivodeship	PL		AP	European grouping of territorial cooperation TRITIA Ltd.
15	Silesian Voivodeship	PL		AP	European grouping of territorial cooperation TRITIA Ltd.

<b>B.1 Lead partner</b>			
<b>Project partner number</b>	1		
<b>Partner role in the project</b>	LP		
<b>Name of organisation in original language</b>	Vysoká škola báňská – Technická univerzita Ostrava		
<b>Name of organisation in English</b>	VŠB - Technical University of Ostrava		
<b>Abbreviation of organisation</b>	VSB		
<b>Department/unit/division</b>			
<b>Address</b>			
<b>Country (NUTS 0)</b>	CZ		
<b>Region (NUTS 2)</b>	CZ08, Moravskoslezsko		
<b>Sub-region (NUTS 3)</b>	CZ080, Moravskoslezský kraj		
<b>Street, house number, postal code, city</b>	70833 Ostrava 17. listopadu 15/2172		
<b>Website</b>	www.vsb.cz		
<b>Assimilated partner</b>	No		
<b>Legal and financial information</b>			
<b>Type of partner</b>	Education/training centre and school		
<b>VAT number (if applicable)</b>	CZ61989100		
<b>Other national identifying number (if no VAT number is provided)</b>	<table border="1" style="width: 100%;"><tr><td style="width: 50%;"></td><td style="width: 50%;"><b>Type of identifying number (e.g. registry number, tax No.)</b></td></tr></table>		<b>Type of identifying number (e.g. registry number, tax No.)</b>
	<b>Type of identifying number (e.g. registry number, tax No.)</b>		
<b>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</b>	No		
<b>Co-financing %</b>	85.00		
<b>Legal status</b>	public		
<b>Economic status</b>	-		
<b>Legal representative</b>	Ivo Vondrák		
<b>Contact person</b>	Petr Jančík		
	petr.jancik@vsb.cz		
	+420597324346		
<b>Experiences of partner</b>			

<p><b><u>Competences</u></b>  <b><i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i></b></p>	<p>VSB - Technical University of Ostrava (VSB) was founded in 1849, and has grown into a modern institution of higher learning, offering the highest levels of education in technical and economic branches of study, based on the interconnection of science, research, education, and the creative activity that binds and enhances them. Ostrava has long been a hub of major industry in central Europe, and study and research at VSB is informed by historically close ties with major international companies, as well as by joint research and mobility programmes with university partners the world over. Research and Development are integral to the activities at VSB. Our focus on applied research and close cooperation with industry and municipalities informs the teaching activities at the University, ensuring relevance in a dynamic international scientific environment. VSB is one of the most successful universities in the utilization of European structural funds focused on research. We are utilizing our excellent position in several thematic areas to develop science and research for the future through the Research Centres, one of which is Institute of Environmental Technologies. The Institute activities are focused on projects of basic and applied research in the field of waste energy recovery, environmental technologies and evaluation of the impact of these technologies on the environment. The project team led by ass. prof. Petr Jančík PhD has a long term experience with air quality assessment in great scales as well as with the realization of international projects. References: AIR SILESIA (CZ.3.22/1.2.00/09.01610) <a href="http://www.air-silesia.eu">www.air-silesia.eu</a>; AIR PROGRES CZECHO-SLOVAKIA (ITMS: 22420220032) <a href="http://apcs.vsb.cz/">http://apcs.vsb.cz/</a>; System of Air Quality Management for Olomouc city (<a href="http://www.olomouc.eu/obcan/bezpecnost/monitoring-ovzdusi/15962">http://www.olomouc.eu/obcan/bezpecnost/monitoring-ovzdusi/15962</a>); Institute of Environmental Technologies (CZ).</p>
<p><b><u>Role in the project</u></b>  <b><i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i></b></p> <p><b><i>Is the organisation performing any economic activity within the project or as a result of it ?</i></b></p>	<p>VSB - Technical University of Ostrava is a Leader partner of the project. VSB as Lead Partner has sufficient capacity to manage a transnational cooperation project. VSB has a specialized departments focused on preparation, administration and management of the projects for examples (Centre for Transfer Technology, Centre for Project Supporting and so on). The proposed project was initiated in our institute and follows from previous international projects of regional transboundary cooperation (AIR SILESIA (CZ.3.22/1.2.00/09.01610), <a href="http://www.air-silesia.eu">www.air-silesia.eu</a>; AIR PROGRES CZECHO-SLOVAKIA (ITMS: 22420220032), <a href="http://apcs.vsb.cz/">http://apcs.vsb.cz/</a>). Our role is the coordination and management of the project. Our main research responsibility is in data processing, air pollution distribution monitoring (unman airship) and modelling, noise monitoring and modelling, biomonitoring and analyses. We will provide IT and GIS support for the entire project, assess suggested remedies and measures; create interactive map and publications to present the results of the project. Our University cooperates with educational and research institutions worldwide and holds international education and research as a priority which diversifies and strengthens not only our student and research bodies but the University as a whole. The involvement of students in the project is for them an exceptional occasion to cooperate with foreign co-workers, improve their language and soft skills and gain valuable experience. Joint international research projects as this one VSB allow to extend and deepen knowledge exchange among researchers, apply them and gain the benefits in areas the most needed, to improve environment and make our region better place to live. VSB will be not performing any economic activity within the project.</p>
<p><b><u>EU/International projects experience</u></b>  <b><i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i></b></p>	<p>VSB - Technical University of Ostrava is involved in joint research programmes with universities in the U.S., to cooperative degree and exchange programmes in Europe, Japan, China and it is one of the most successful universities in the utilization of European Structural Funds focused on research. Institute of Environmental Technologies itself is a research centre establish due to the utilization of European Structural Funds (CZ.1.05/2.1.00/03.0100), <a href="http://www.iotech.eu">www.iotech.eu</a>. The Institute cooperates with researchers and institutions worldwide (Poland, Austria, Slovakia, Russia, Finland, France, Japan etc.) and engage students and researchers in exchange programmes. VSB was leader partner of transboundary cooperation project AIR PROGRES CZECHO-SLOVAKIA (ITMS: 22420220032), <a href="http://apcs.vsb.cz/">http://apcs.vsb.cz</a>, project partner in transboundary cooperation project AIR SILESIA (CZ.3.22/1.2.00/09.01610), <a href="http://www.air-silesia.eu">www.air-silesia.eu</a>. TUO dispose with organizational unit for project management - the Project Support Center (<a href="http://www.vsb.cz/en/about-us/structure/workplaces/-project-support-centre-9700/">http://www.vsb.cz/en/about-us/structure/workplaces/-project-support-centre-9700/</a>). The Centre is focus on projects financed from the operational programs of the European Structural Funds (OP Research and Development for Innovations and OP Education for Competitiveness), 7th Framework Programme, selected departmental programs of ministries and regional projects supported by the Moravian-Silesian Region or the Statutory City of Ostrava.</p>

<b>B.1 Project partner</b>	
<i>Project partner number</i>	2
<i>Partner role in the project</i>	PP
<i>Name of organisation in original language</i>	ACCENDO - Centrum pro vědu a výzkum, z.ú.
<i>Name of organisation in English</i>	ACCENDO - Centre for Science and Research, Institute
<i>Abbreviation of organisation</i>	ACCENDO
<i>Department/unit/division</i>	
<u>Address</u>	
<i>Country (NUTS 0)</i>	CZ
<i>Region (NUTS 2)</i>	CZ08, Moravskoslezsko
<i>Sub-region (NUTS 3)</i>	CZ080, Moravskoslezský kraj
<i>Street, house number, postal code, city</i>	70200 Ostrava Švabinského 1749/19
<i>Website</i>	http://accendo.cz
<i>Assimilated partner</i>	No
<u>Legal and financial Information</u>	
<i>Type of partner</i>	Interest groups including NGOs
<i>VAT number (if applicable)</i>	CZ28614950
<i>Other national identifying number (if no VAT number is provided)</i>	
<i>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</i>	No
<i>Co-financing %</i>	85.00
<i>Legal status</i>	private
<i>Economic status</i>	non-profit
<i>Legal representative</i>	Lubor Hruška
<i>Contact person</i>	Petr Proske
	petr.proske@accendo.cz
	+420737929844
<u>Experiences of partner</u>	
<u>Competences</u> <i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i>	ACCENDO is a scientific research organization approved by an advisory body of the Government of the Czech Republic – the Research, Development and Innovation Council. ACCENDO significantly participates by its activities on detection and description of processes in our society, leading to sustainable development. We work in the whole area of Czech Republic, we develop European research cooperation and participate on international projects in connection with new directions and regulations of the European Union. Through creative scientific work, we spread knowledge about the humanity, culture, society and environment. Using basic research, we perform experimental and also theoretical work to obtain relevant knowledge about observed phenomena. In the applied research, we head the acquired knowledge to the practical usability by ministries and other organizational units of the state, local governments and other subjects. Based on our experience, we apply new professional knowledge with high added value into everyday practice. We develop mutual cooperation and cooperation with other research institutes and representatives of the public administration. By our activities, we provide possibility to control and regulate key processes in our region to citizens and to the public administration.

<p><b><u>Role in the project</u></b>  <i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i></p> <p><i>Is the organisation performing any economic activity within the project or as a result of it?</i></p>	<p>The ACCENDO Institute is a project partner. Its research responsibility is in processing the analysis of existing policy of air quality management of European countries, socio-economic analysis of area of interest with the representative sociological research within the WP1. In WP3, ACCENDO will play main role in the realization of workpackage activities. ACCENDO will focus on creation of strategies for air quality management, with evaluation of its social, economic, health and environmental impacts. ACCENDO has broad experience in strategic planning on all spatial levels (local, regional, national and international) in the field of public administration, environment, research, spatial development etc. Recommendations for legislative changes will be part of ACCENDO's tasks in this workpackage. The GIS department of ACCENDO will participated on activities using this through whole realization of the project.</p>
<p><b><u>EU/International projects experience</u></b>  <i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i></p>	<p>The ACCENDO institute has a broad experience with realization and participation of international projects. Its experts participated on projects of 5th framework for science and research. Institute itself realized lot of project with international scope, for example strategies for Czech Republic - Germany border area, Czech republic - Poland cross borders cooperation, ex-ante evaluation of CBC operational programs, projects in the field criminality, geographic information systems, etc. Also, the ACCENDO institute realizes and manages science popularising project with international scope. International workshop with participation of experts from European countries are realized within this project, experts from ACCENDO cooperate with an abroad research and scientific organizations and their expert teams.</p>

<h2><b>B.1 Project partner</b></h2>	
Project partner number	3
Partner role in the project	PP
Name of organisation in original language	Główny Instytut Górnictwa
Name of organisation in English	Central Mining Institute
Abbreviation of organisation	GIG
Department/unit/division	Silesian Centre for Environmental Radioactivity and Department of Energy Saving and Air Protection
<p><b><u>Address</u></b></p>	
Country (NUTS 0)	PL
Region (NUTS 2)	PL22, Śląskie
Sub-region (NUTS 3)	PL22A, Katowicki
Street, house number, postal code, city	40-166 Katowice Plac Gwarków 1
Website	www.gig.eu
Assimilated partner	No
<p><b><u>Legal and financial information</u></b></p>	
Type of partner	Higher education and research
VAT number (if applicable)	PL6340126016
Other national identifying number (if no VAT number is provided)	
Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?	No
Co-financing %	85.00
Legal status	public
Economic status	-
Legal representative	Jan Wachowicz
Contact person	Małgorzata Wysocka

	mwysocka@gig.eu
	+48322592814
<b>Experiences of partner</b>	
<b>Competences</b> <i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i>	GIG, located in Katowice, a capital of Silesia Region (southern Poland), is a public research and development institute with seventy years of experience in mining, environmental engineering & civil engineering. GIG acts as an expert institution for many municipalities of Silesia and outside the region, concerning broad spectrum of environmental issues like water and soil pollution, air quality, urban areas development, education and public awareness rising. Very important is the knowledge, related to all aspects of radioactive contamination of the environment in industrial and post-industrial zones, caused by naturally occurring radioactive materials.
<b>Role in the project</b> <i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i>  <i>Is the organisation performing any economic activity within the project or as a result of it?</i>	Tasks of GIG within the project are to be: in WP1 – Input of the data to the mathematical model of emission/imission of pollutants; Participation in the development of the noise emission model; Measurements of isotopes distribution like 210Pb as indicator of emission source in order to verify theoretical model. Measurements of noise emission in Rybnik site; Measurements of particle size distribution (liquid and solid ultrafine, fine and coarse particles) in Frantisek site. in WP2 - GIG will be cooperating with other partners within the tools implementation. in WP3 - Estimation of Health Impact Assessment (HIA) and Risk Assessment, Creation of Joint Methodology for Strategy Development as the common framework for preparation of strategy/plans/actions by each partner region. Development of Joint Training Curricula and organisation of transnational training for increasing of the capacity, addressed to regional/local authorities, industry, research centers, environmental institutions, inhabitants, etc.
<b>EU/International projects experience</b> <i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i>	For more than 30 years GIG is participating as the Leader or Partner of different international projects e.g: Lead Partner for MAGIC project, under INTERREG IIIB CADSES, WATERNORM project under Maria Curie Action, national leader for ERRICCA and ERRICCA 2 European Concerted Actions. During last 5 years GIG has also been leader or partner of several European projects funded from 5th, 6th and 7th Framework Programmes, Research Fund for Coal and Steel and other. The most important international projects carried out in last years are listed below: Leader of Polish site PNR-192-AI-1/07 PORANO – „Survey of the impact of enhanced natural radioactivity on human and natural environments”, 2011-2012, Partner in ERDF/ Central Europe project BATCo “Baltic Adriatic Transport Cooperation”, no.2CE152P2, 2010-2013. Leader of Central Europe project no. 3CE356P3 TAB “Take a breath!”, 2011-2014. Leader of RFCS, no. RFCS-CT-2013-0005 MANAGER – „Management of mine water discharges to mitigate environmental risks for post-mining period” 2013-2016, Leader of Polish site of POWT 2007-2013 CzR-PI, CZ.3.22/1.2.00/09.01610. AirSilesia – „Information system of air quality on Czech-Polish borderland in Moravian-Silesian Region”, 2011-2013, Leader of Polish site of FP7 EC, no 604974 COMET „Coordination and implementation of a pan-European instrument for Radioecology”

<b>B.1 Project partner</b>	
<b>Project partner number</b>	4
<b>Partner role in the project</b>	PP
<b>Name of organisation in original language</b>	Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z ograniczoną odpowiedzialnością
<b>Name of organisation in English</b>	European grouping of territorial cooperation TRITIA, Ltd.
<b>Abbreviation of organisation</b>	TRITIA
<b>Department/unit/division</b>	
<b>Address</b>	
<b>Country (NUTS 0)</b>	PL
<b>Region (NUTS 2)</b>	PL22, Śląskie
<b>Sub-region (NUTS 3)</b>	PL225, Bielski
<b>Street, house number, postal code, city</b>	43400 Cieszyn Zamkowa 3A
<b>Website</b>	www.egtctritia.eu

<b>Assimilated partner</b>	No
<b>Legal and financial information</b>	
<b>Type of partner</b>	EGTC
<b>VAT number (if applicable)</b>	PLS482662942
<b>Other national identifying number (if no VAT number is provided)</b>	
<b>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</b>	No
<b>Co-financing %</b>	85.00
<b>Legal status</b>	public
<b>Economic status</b>	-
<b>Legal representative</b>	Marta Sláviková
<b>Contact person</b>	Marta Sláviková
	director@egtctritia.eu
	+421915834506
<b>Experiences of partner</b>	
<b>Competences</b> <i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i>	The European Grouping of Territorial Cooperation TRITIA limited (EGTC TRITIA) was established on February 25, 2013 on the date of its entry into the Register of EGTCs administered by the Ministry of Foreign Affairs of Poland based on its decision N° 1/2013. The decision to establish EGTC TRITIA was made by the leaders of the four regional governments of Moravian – Silesian Region (CZ), Opole Voivodeship (PL), Silesian Voivodeship (PL) and Žilina Self – governing Region (SK). The leaders' decision was based on the positive experience of the regions in their mutual cross - border cooperation as well as the impacts of this cooperation on the improvement of wellbeing of the people in cross - border area. Territory of EGTC TRITIA has 34,069 km2 and a population of above 7,800 thousand. There are two cities with more than 300 thousand inhabitants - Katowice (PL) and Ostrava (CZ). These conurbations together with two other important cities of Opole (PL) and Žilina (SVK) are tied by intensive socio - economic relations. The Grouping has been established to facilitate and spread the cross – border, transnational, and interregional cooperation of its members with an objective to strengthen economic and social cohesion, particularly through implementation of territorial cooperation projects or programmes.
<b>Role in the project</b> <i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i>  <i>Is the organisation performing any economic activity within the project or as a result of it?</i>	EGTC TRITIA is a project partner. Its task within the project in participation on current policies analysis and strategies creation within the WP 3, where its experience with international management and TRITIA region itself will be used. This partner will manage and realize communication with important actors in the area of interest; decision makers, businesses, public administration and many more. Partner 's communication will also contain the dissemination of project results through international conference and other dissemination activities. (WPS)
<b>EU/International projects experience</b> <i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i>	EGTC TRITIA has broad experiences with realization and participation of international projects. EGTC TRITIA has capacity for implementation of the international project. EGTC TRITIA consists of managers who each one has experience with cross- border programs, interregional and communities' ETC programs of European Union. Project managers, PR experts and economy managers of EGTC TRITIA make up international team from Poland, Czech Republic and Slovakia. Besides them it cooperates and uses project managers of its members (self-governments regions). EGTC TRITIA realizes and manages projects of creating of analysis or strategies for TRITIA territory and like a partner for other border regions. For management this project EGTC TRITIA will provide one project manager and one financial manager. It is member of EGTC platform of CoR.

<b>B.1 Project partner</b>	
<b>Project partner number</b>	S
<b>Partner role in the project</b>	PP

<b>Name of organisation in original language</b>	Instytut Meteorologii i Gospodarki Wodnej – Państwowy Instytut Badawczy	
<b>Name of organisation in English</b>	Institute of Meteorology and Water Management - National Research Institute	
<b>Abbreviation of organisation</b>	IMWM-NRI	
<b>Department/unit/division</b>		
<b>Address</b>		
<b>Country (NUTS 0)</b>	PL	
<b>Region (NUTS 2)</b>	PL12, Mazowieckie	
<b>Sub-region (NUTS 3)</b>	PL127, Miasto Warszawa	
<b>Street, house number, postal code, city</b>	01-673 Warszawa Podleśna 61	
<b>Website</b>	http://www.imgw.pl	
<b>Assimilated partner</b>	No	
<b>Legal and financial information</b>		
<b>Type of partner</b>	Local public authority	
<b>VAT number (if applicable)</b>	PL5250008809	
<b>Other national identifying number (if no VAT number is provided)</b>		
<b>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</b>	No	
<b>Co-financing %</b>	85.00	
<b>Legal status</b>	public	
<b>Economic status</b>	-	
<b>Legal representative</b>	Przemysław Łagodzik	
<b>Contact person</b>	Leszek Ośródka	
	leszek.osrodka@imgw.pl	
	+48605431712	
<b>Experiences of partner</b>		
<b>Competences</b> <i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i>	<p>The IMWM – NRI is supervised by the Minister of the Environment. The Institute is National Weather Services in Poland and within its statutory targets provides the State Hydrological and Meteorological Service. The statutory Institute's targets include: 1) monitoring physical processes occurring in the atmosphere and hydrosphere, in particular provision of efficient hydrological and meteorological protection consisting of forecasting and early warning against phenomena and natural disasters occurring in the atmosphere and hydrosphere that pose threat to the safety of life and property; 2) carrying out activities that enable to determine safety of damming structures and adjacent areas within their reach; 3) performing continuous, comprehensive R&amp;D activities of any processes and phenomena occurring in the atmosphere and hydrosphere to improve methodic, complex system to forecast their possible impacts as well as to meet the needs of water engineering and its management; 4) education activities within the scope provided under items 1-3. Monitoring and modelling of atmospheric pollution study issues in this aerosol science in relation with meteorological conditions involved research works in Monitoring and Modeling of Air Pollution Department (ZMMZP). At the meteorological station Poland National Weather Service belongs to set World Meteorological Organization (WMO) in Raciborz (situated on the Czech-Polish border) since 2010 is located to the research station of atmospheric aerosols. Station equipment are: Ultra Particle Monitor UFP Model TSI 3031-1, Dust Track DRX, Aerodynamic Particle Sizer Spectrometer APS TSI, nefelometer Aurora 3000.</p>	



<p><b>Role in the project</b>  <i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i></p> <p><i>Is the organisation performing any economic activity within the project or as a result of it?</i></p>	<p>in WP1 – creating a database of meteorological, imission and emission data for modeling of air quality in WP2 – develop of air quality forecasting system based on data mining for dedicated short-term forecasts of smog hazard risks, implementing the system into operational forecasts in WP3 - studying the effects of meteorological conditions on air quality in the context of the assessment of the effects of pollution on the environment, participation in the development of the strategy to improve air quality. in WP4 - participation in management coordination meetings, workshops, seminars, short-term visit study etc. in WP 5 - co-author in the preparation monographs and participate in promotional activities, dissemination project results.</p>
<p><b>EU/international projects experience</b>  <i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i></p>	<p>Projects for the protection of the atmosphere: (extract) MONIT-AIR „Integrated monitoring system of spatial data to improve air quality in Krakow, dofinansowany, 'Norway Grants', co-financed from the European Economic Area Financial Mechanism 2009-2014 (283/2014/Wn50/MN-XN-03/D), the project will be run in the years 2014-2016 by the Municipality of Kraków in partnership with the Monitoring and Modeling of Air Pollution Department at the Institute of Meteorology and Water Management – National Research Institute AIR SILESIA „Information system of air quality on Czech-Polish borderland in Moravian Silesian Region” POWT RCz-RP 2007-2013, co-financed from the European regional development fund (ERDF), (CZ.3.22/1.2.00/09.01610/1), 2010-2013 KLIMAT, „Climate change effects on the environment, economy and societ” (Wpływ zmian klimatu na środowisko, gospodarke i społeczeństwo - zmiany, skutki i sposoby ich ograniczenia, wnioski dla nauki, praktyki inżynierskiej i planowania gospodarczego), co-financed from the European regional development fund (ERDF), (POIG.01.03.01-14-011/08-00), 2008-2012 ISOK „IT System of the Country's Protection against extreme hazards” (Informatyczny System Oslony Kraju przed nadzwyczajnymi zagrożeniami, project, co-financed from the European regional development fund (ERDF), (POIG.07.01.00-00025/09), 2011-2015 INCA Central Europe - Integrated nowcasting system for the Central European area (2CE120P3), 2010-2013 “Developing a forecasting of air pollution propagation system based on mesoscale meteorological models and dispersion model (Utworzenie systemu prognozowania rozprzestrzeniania zanieczyszczeń powietrza, opartego o meteorologiczne modele mezoskalowe oraz dyspersyjny model obłoku), project financed from National Centre for Research and Development, Poland (NCBiR N R14 0013 10), 2010-2013</p>

<h2>B.1 Project partner</h2>	
Project partner number	6
Partner role in the project	PP
Name of organisation in original language	Žilinská univerzita v Žiline
Name of organisation in English	University of Zilina
Abbreviation of organisation	UNIZA
Department/unit/division	Research centre
<p><b>Address</b></p>	
Country (NUTS 0)	SK
Region (NUTS 2)	SK03, Stredné Slovensko
Sub-region (NUTS 3)	SK031, Žilinský kraj
Street, house number, postal code, city	01026 Žilina Univerzitná 8215/1
Website	<a href="https://www.uniza.sk/menu/inc.php?ver=en">https://www.uniza.sk/menu/inc.php?ver=en</a>
Assimilated partner	No
<p><b>Legal and financial information</b></p>	
Type of partner	Higher education and research
VAT number (if applicable)	SK2020677824
Other national identifying number (if no VAT number is provided)	

<b>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</b>	No
<b>Co-financing %</b>	85.00
<b>Legal status</b>	public
<b>Economic status</b>	-
<b>Legal representative</b>	Tatiana Čorejová
<b>Contact person</b>	Veronika Mešková
	veronika.meskova@rc.uniza.sk
	+421415137623
<b>Experiences of partner</b>	
<p><b>Competences</b> Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</p>	<p>University of Zilina with its long history coming back to 1953 offers public education and independent research and development. It consists of seven faculties, mainly technically oriented. Approximately 11 000 students currently study at the university in all forms of study. There are more than 1 500 employees, 650 of them are university teachers. Institution doesn't perform any economic activities. Project will be implemented by the Research centre, established at University of Zilina in 2013. Research Centre with its motto "research for people" is involved in research activities close to the practice (industrial professionals and general public). Scientific research activities are coordinated through the University in synergy with activities of the various departments. Competence centres, Centres of excellence and Centres of applied research are methodically centred in the Research centre of the University. Regarding the project topic, Research centre participated in and coordinated projects dedicated to the: - Measurement and monitoring of air pollution data - Complex observation and assessment dissemination of emissions in the space in terms of links to the primary (sources of air pollution) and secondary (meteorological conditions) addition. - Identification of air pollution sources using multivariate statistical methods. - Noise pollution analyse. - Traffic analyses, transport planning, model transport networks and travel demand. Air Trittia will summarize all the knowledge gained, confront and complement it with the other institutions' knowledge and come out with new, innovative approaches. Experienced researchers are the guarantee of the project success. Additional value of the organization offered for the project purposes lays within "International Projects Division" as further described in project experience part. University of Zilina is not performing economic activities on the market.</p>
<p><b>Role in the project</b> What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</p> <p>Is the organisation performing any economic activity within the project or as a result of it?</p>	<p>Role and responsibility in the project: In WP1: 1. Measuring, collecting and archiving data from monitoring stations located in functional urban areas. 2. Model transport networks, analyse expected traffic flows. 3. Analysis of air pollution and noise burden. 4. Monitoring of heavy metals in the air and identification of air pollution sources. 5. Definition of health risks and impacts on human health (in partnership with Health Agency). 6. Based on the developed mathematical models predicted limit values in functional urban areas of the city of Žilina. In WP2: 7. Operation and management of monitoring system of air pollution. In WP3: 8. Define alternative solutions and proceedings to improve the current situation and identified (in cooperation with the city of Žilina). The most preferred benefit for organisation from participating in the project consists in measure end evaluation of environmental contribution on ambient air quality assessment, which is based primarily on the improvement of the environment (mitigate effects of primary pollution sources) in terms of substantive knowledge of the population of the air pollution condition in the adoption of measures for achieving of desired state. The organisation is not performing any economic activity within the project.</p>
<p><b>EU/International projects experience</b> If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</p>	<p>University of Zilina is very well experienced with European projects in a role of a project partner as well as of a coordinator. In the field of science and research university has been involved in solving of more than 150 scientific and research projects (from international: FP5-FP7, Horizon 2020, Interreg, Visegrad fund etc.) Only in year 2013, the staff participated altogether in 174 national and 41 international projects. Acquired financial means in 2013: 2 445 342 Eur. In addition to that, two new departments were established at the university – the largest projects of research and development infrastructure in the history of the university: Research Center (RC) and University Science Park (USP) in a total value of cca 70 million Eur. Research centre with its "International Projects Division" will be responsible for the project coordination, communication with the lead partner and JS (if applicable). Division 's experienced staff is specialized mainly in H2020 projects providing support to the researchers on project preparatory stage (partner search, proposal drafting) and on project implementation stage (consortium coordination, finance management etc.).</p>

<b>B.1 Project partner</b>	
<b>Project partner number</b>	7
<b>Partner role in the project</b>	PP
<b>Name of organisation in original language</b>	Miasto Rybnik
<b>Name of organisation in English</b>	City of Rybnik
<b>Abbreviation of organisation</b>	Rybnik
<b>Department/unit/division</b>	Municipal Office of Rybnik
<b>Address</b>	
<b>Country (NUTS 0)</b>	PL
<b>Region (NUTS 2)</b>	PL22, Śląskie
<b>Sub-region (NUTS 3)</b>	PL227, Rybnicki
<b>Street, house number, postal code, city</b>	44-200 Rybnik UL. BOLESŁAWA CHROBREGO 2
<b>Website</b>	www.rybnik.eu
<b>Assimilated partner</b>	No
<b>Legal and financial information</b>	
<b>Type of partner</b>	Local public authority
<b>VAT number (if applicable)</b>	PL6420010758
<b>Other national identifying number (if no VAT number is provided)</b>	
<b>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</b>	No
<b>Co-financing %</b>	85.00
<b>Legal status</b>	public
<b>Economic status</b>	-
<b>Legal representative</b>	Piotr Kuczera
<b>Contact person</b>	Szymon Kielkowski
	gospodarka@um.rybnik.pl
	+48 32 439 23 32
<b>Experiences of partner</b>	
<b>Competences</b> <i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i>	City of Rybnik is another project partner from local public authorities with huge experience with dealing with air pollution problems. The main source of pollution in the region around Rybnik is heavy industry. It's part of the so called "Rybnik Coal Circle", in which the coal and energy industry is located. City of Rybnik is chosen for the project partnership to actively help with the air pollution from heavy industry, not other sources as well. As the environmental legislation differs in individual countries within TRITIA region and other countries, Rybnik is part of the partnership to provide its experiences from Polish point of view. Moreover, Rybnik has a long-term experience with EU-funded projects participation. The decision making competences given by status of local public authority is giving Rybnik ability to participate in the project partnership as the future user of project outputs, which will contribute with their experience by active participation on thematic activities. Their participation will enable to transfer the research results into tools with effective use in the area of municipalities in and outside project partnership. This partner doesn't perform economic activities on the market.

<p><b><u>Role in the project</u></b>  <i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i></p> <p><i>Is the organisation performing any economic activity within the project or as a result of it?</i></p>	<p>The City of Rybnik will actively participate in all thematic activities within the project. The will contribute to data collection, processing and interpretation, tools preparations and prototype implementation and testing. Rybnik will also implement created strategies and contribute to their development as well. In cooperation with other public local authorities within the project partnership, Rybnik will realize activities leading to create a universal instruction, how the outputs of the project can be used by other municipalities outside the partnership, and also outside the TRITIA region itself. This partner doesn't perform economic activities on the market.</p>
<p><b><u>EU/international projects experience</u></b>  <i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i></p>	<p>Municipal Office of Rybnik has extensive experience in international projects, especially those co-financed by EU Funds. For the last couple of years the city carried out many investment ventures. In the 2007-2013 Perspective more than 40 investment projects have been carried out worth over 100 mln Euro – all of them co-financed by different EU Funds. We also took part in several international projects within the following programmes: Europe for Citizens Programme, Operational Programme of Cross-border Cooperation the Czech Republic – the Republic of Poland 2007-2013, EQUAL Programme, INTERREG IIIC East, INTERREG IIIA.</p>

<h2><b>B.1 Project partner</b></h2>	
Project partner number	8
Partner role in the project	PP
Name of organisation in original language	Statutární město Opava
Name of organisation in English	City of Opava
Abbreviation of organisation	Opava
Department/unit/division	
<p><b><u>Address</u></b></p>	
Country (NUTS 0)	CZ
Region (NUTS 2)	CZ08, Moravskoslezsko
Sub-region (NUTS 3)	CZ080, Moravskoslezský kraj
Street, house number, postal code, city	746 26 Opava Horní náměstí 69
Website	www.opava-city.cz
Assimilated partner	No
<p><b><u>Legal and financial information</u></b></p>	
Type of partner	Local public authority
VAT number (if applicable)	CZ00300535
Other national identifying number (if no VAT number is provided)	
Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?	No
Co-financing %	85.00
Legal status	public
Economic status	-
Legal representative	Radim Křupařa
Contact person	Dalibor Halátek
	dalibor.halatek@opava-city.cz
	+420 553 756 202
<p><b><u>Experiences of partner</u></b></p>	

<p><b>Competences</b> Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</p>	<p>Project partner is local public authority in the project target area – EGTC TRITIA region. City of Opava resolves problems with air quality in its territory, which comes mainly from traffic a domestic boilers, but industrial sources have their impacts as well. As they have the role of air quality management in their territorial competences, the City of Opava makes dispersion studies and other analytical materials, as the base for strategic tools to air quality improvement. Territorial competences of local authority allow City of Opava to participate on the AIR TRITIA project as subject, which will implement the project outputs on its territory and help to create outputs, which will be reproducibile in different municipalities outside the project partnership as well. Their knowledge in the field of air pollution from the view of municipality will complement the activities of research institutions, so the City of Opava is competent to participate on thematic activities as well. This partner doesn't perform economic activities on the market.</p>
<p><b>Role in the project</b> What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?  Is the organisation performing any economic activity within the project or as a result of it?</p>	<p>As other project partners from local public authorities, City of Opava will implement tools and strategies created within the project. This implementation will test the validity a usability of created outputs in the environment of Czech Republic legislation. Role of the City of Opava won't be only in the implementation process, but they will participate on the project activities from the start of the project. Project partner will provide needed data, help them interpret, and effectively transform them to the project outputs. Using this approach will ensure maximum compliance of project outputs and their users inside and outside project partnership. Partner has employees who deal with the air pollution in the function of local authority in log-term. Their participation in the project is crucial to link the research and political parts of this problems. These employees don't address this problem only within the project, but in their day-to-day job at local public authority as well. This partner doesn't perform economic activities on the market.</p>
<p><b>EU/International projects experience</b> If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</p>	

<h2>B.1 Project partner</h2>	
Project partner number	9
Partner role in the project	PP
Name of organisation in original language	Mesto Žilina
Name of organisation in English	The City of Žilina
Abbreviation of organisation	ZA
Department/unit/division	Department of transport
<p><b>Address</b></p>	
Country (NUTS 0)	SK
Region (NUTS 2)	SK03, Stredné Slovensko
Sub-region (NUTS 3)	SK031, Žilinský kraj
Street, house number, postal code, city	011 31 Žilina Námestie obetí komunizmu 1
Website	www.zilina.sk
Assimilated partner	No
<p><b>Legal and financial information</b></p>	
Type of partner	Local public authority
VAT number (if applicable)	SK2021339474
Other national identifying number (if no VAT number is provided)	

<b>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</b>	No
<b>Co-financing %</b>	85.00
<b>Legal status</b>	public
<b>Economic status</b>	-
<b>Legal representative</b>	Igor Choma
<b>Contact person</b>	Luboš Slebodník
	lubos.slebodnik@zilina.sk
	+421 908 918 972
<b>Experiences of partner</b>	
<b>Competences</b> <i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i>	Project partner is local public authority in the project target area - the EGTC TRITIA region. The city of Žilina has problems with air pollution, mostly originating from excessive traffic in built-up areas. City administrative has a long-term experience with dealing with this type of problems and air pollution through a variety of tools and instruments in the environment of Slovak legislation. It also cooperate with university on research activities in the field of air pollution from traffic, and I participated in international projects in this field. As the traffic pollution is main problem, the City of Žilina is in partnership mainly represented by the Department of Transport. City of Žilina project participation will provide experience and information needed to create an effective a functional tools to tackle this problem and to exceed current existing initiatives. Thanks to its participation, it will be possible to create tools that can be replicated in other municipalities. It will be one of the end users of project outputs, as they have the role of air quality management in their territorial competences. They will actively participate on thematic activities so the results will be created as they need. They will create a link between research and political approach to air quality management. This partner don't perform economic activities on the market.
<b>Role in the project</b> <i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i>  <i>Is the organisation performing any economic activity within the project or as a result of it?</i>	The role of the City of Žilina in the project of local public authorities is to contribute with own experience from FUAs perspective in the field of air management, as they are the end users of created project outputs (unified database, management and prediction tools and FUA strategies). City of Žilina will actively contribute to development of project outputs, so they will be developed in the way that will be most useful for end users, so their role is crucial in the project partnership. In case of Current State analysis, the City of Žilina will contribute with interpretation of statistic data, models etc., as its representatives have need knowledge of processes and impacts in the area. Within the tools creation, this project partner will contribute by actively implementing and testing the tools prototypes, to create a universally useful tools, which will be replicable in the other municipalities. In case of strategies, project partner will implement them into its current a future policies to chase the main project goal, to improve air quality and its management. This partner doesn't perform economic activities on the market.
<b>EU/international projects experience</b> <i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i>	ADVANCE - Auditing and certification scheme to increase the quality of sustainable urban mobility plans in cities, EÚ - IEE/10/199/S12.589412, <a href="http://eu-advance.eu/">http://eu-advance.eu/</a> ADVANCE aimed to improve the urban transport systems in European cities by helping them implement and improve the quality of SUMP's and policies. To reach these goals ADVANCE developed, tested and applied an audit scheme to assess the quality of mobility planning on a municipal level. BENEFIT - Advanced measures for companies to increase public transport use of their employees, EÚ - IEE/07/736/S12.500401, <a href="http://www.eu-benefit.eu/">http://www.eu-benefit.eu/</a> BENEFIT aimed to achieve a modal shift from the car back to public transport, and in the process, achieved substantial energy savings, emissions reductions and cost reductions. REDETAL - overall objectives is to develop a European Best Practice Approach to the development of logistics parks taking account of the importance of sustainable traffic and transport solutions to regional development. The approach developed should act as a guide for relevant institutions responsible for regional development and spatial planning to assist in the implementation of their strategic documents/plans. <a href="http://www.redetral.cz">www.redetral.cz</a> CENTRAL MEETBIKE - aims to improve and create better conditions for cycling in CE through use of existing information and data and it will create a specific implementation model for each project country. It sets to improve modal split of cycling on short distances as sustainable and healthy mode of transport, especially in the cities. <a href="http://www.centraimeetbike.eu">www.centraimeetbike.eu</a>

<b>B.1 Project partner</b>	
<i>Project partner number</i>	10
<i>Partner role in the project</i>	PP
<i>Name of organisation in original language</i>	Miasto Opole
<i>Name of organisation in English</i>	City of Opole
<i>Abbreviation of organisation</i>	Opole
<i>Department/unit/division</i>	
<b>Address</b>	
<i>Country (NUTS 0)</i>	PL
<i>Region (NUTS 2)</i>	PL52, Opolskie
<i>Sub-region (NUTS 3)</i>	PL522, Opolski
<i>Street, house number, postal code, city</i>	45-015 Opole Rynek-Ratusz -
<i>Website</i>	www.opole.pl
<i>Assimilated partner</i>	No
<b>Legal and financial information</b>	
<i>Type of partner</i>	Local public authority
<i>VAT number (if applicable)</i>	PL7543009977
<i>Other national identifying number (if no VAT number is provided)</i>	
<i>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</i>	No
<i>Co-financing %</i>	85.00
<i>Legal status</i>	public
<i>Economic status</i>	-
<i>Legal representative</i>	Maciej Wujec
<i>Contact person</i>	Violetta Ciesielczuk
	violetta.ciesielczuk@um.opole.pl
	+ 48 77 4511997
<b>Experiences of partner</b>	
<b>Competences</b> <i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i>	The City of Opole is competent to participate on project thanks to its experience with international EU-funded projects and also because of its competences as the local public authority, so they are addressing air pollution problems in its own area. The air pollution problem is currently the biggest subject of discussion in Opole, as the local coal energy plant is building 2 new power blocks. The City of Opole is the public local authority in TRITIA region, which will address new environmental problems in the future and which can provide useful information in the field of prediction and implementation of tools. It will be one of the end users of project outputs, as they have the role of air quality management in their territorial competences. The project partner have its own department for the "environmental field", which communicate with other partners departments with the partners organization and with other relevant regional and national bodies to manage the air quality in the area. This partner doesn't perform economic activities on the market.

<p><b><u>Role in the project</u></b>  <i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i></p> <p><i>Is the organisation performing any economic activity within the project or as a result of it?</i></p>	<p>Participation of project partner will provide a needed experience with air pollution from the point of view of local public authority. The role in the project of local public authorities is to contribute with own experience from FUA's perspective in the field of air management, as they are the end users of created project outputs (unified database, management and prediction tools and FUA strategies). Local public authorities will actively contribute to development of project outputs, so they will be developed in the way that will be most useful for end users, so their role is crucial in the project partnership. On the level of local public authority, there will be several thematic steering groups, which will contribute to project realization. Also, the representative of local public authority will be part of local platform, which will address the common strategy and joint tools (as defined in WP Communication). This partner doesn't perform economic activities on the market.</p>
<p><b><u>EU/international projects experience</u></b>  <i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i></p>	<p>2008-2011, Via Regia Plus (VR+), The implementation of the key objectives of spatial development strategies developed under the project ED - C III Via Regia, under European Territorial Cooperation -Program for Central Europe, 2010, Cooperation zoo in Olomouc and ZOO in Opole in the field of tourism, Cooperation between the two zoos in the support and development of tourism, the implementation of policies to help increase awareness about the partner institutions in the Olomouc Region and the Opole province, and also increase the number of tourists visiting the zoo in Opole and the zoo in Olomouc, under Operational Programme of Cross Border Cooperation Czech Republic - Republic of Poland, 2009-2011, "The professional staff of local government of the City of Opole", Office of the Committee for European Integration / Finance Facility of the European Economic Area</p>

<h2><b>B.1 Project partner</b></h2>	
<b>Project partner number</b>	11
<b>Partner role in the project</b>	PP
<b>Name of organisation in original language</b>	Statutární město Ostrava
<b>Name of organisation in English</b>	City of Ostrava
<b>Abbreviation of organisation</b>	OVA
<b>Department/unit/division</b>	
<b><u>Address</u></b>	
<b>Country (NUTS 0)</b>	CZ
<b>Region (NUTS 2)</b>	CZ08, Moravskoslezsko
<b>Sub-region (NUTS 3)</b>	CZ080, Moravskoslezský kraj
<b>Street, house number, postal code, city</b>	729 30 Ostrava Prokešovo náměstí 8
<b>Website</b>	<a href="https://www.ostrava.cz/en">https://www.ostrava.cz/en</a>
<b>Assimilated partner</b>	No
<b><u>Legal and financial information</u></b>	
<b>Type of partner</b>	Local public authority
<b>VAT number (if applicable)</b>	CZ00845451
<b>Other national identifying number (if no VAT number is provided)</b>	
<b>Is your organisation entitled to recover VAT based on national legislation for the activities implemented in the project?</b>	No
<b>Co-financing %</b>	85.00
<b>Legal status</b>	public
<b>Economic status</b>	-
<b>Legal representative</b>	Tomáš Macura
<b>Contact person</b>	Daniel Minařík
	dminarik@ostrava.cz



	+420 599 443 273
<b>Experiences of partner</b>	
<b>Competences</b> <i>Which are the organisation's thematic competences and experiences relevant for the project? What is the main business of the organisation? Is the organisation normally performing economic activities on the market? If yes, please specify.</i>	The City of Ostrava is one of the biggest local public authorities in the project target area – the EGTC TRITIA region. Area of the city is regularly affected by adverse air pollution conditions and thanks to its heavy industrial past it has a reputation as the region with worst air quality. Despite the gradual de-industrialization and the improvement of air quality in the past years, the air pollution is still the biggest environmental problem in the region, thanks to industrial sources, traffic and domestic boilers as well. As local authority responsible for decision making, Ostrava has to be involved in AIR TRITIA project partnership. Ostrava has a long-term experience with air quality management, use of national programs designed to air quality improvement and with research in this field in past projects, with current leader partner and other research institutions. Ostrava has the needed experience and information to create tools and strategies, which will reflect actual conditions and needs in the region. Also, the City of Ostrava participation will secure the innovative character of the project result, because its representatives know what was done in the area and how the area was affected. This partner doesn't perform economic activities on the market.
<b>Role in the project</b> <i>What is the partner's role (and responsibility) in the project? What is the expected benefit for the organisation from participating in the project?</i>  <i>Is the organisation performing any economic activity within the project or as a result of it?</i>	Project partner will actively participate in all thematic activities of the project. It will provide needed information and data, as well as its experience with own region in the process of analysis interpretation. In case of tools creation, they will implement and test the created tools. Together with the strategies implementation, partner will become a role model for other cities affected by similar air pollution problems. It will help to create the universal approach, replicable in the other municipalities. Ostrava will communicate with other municipal project partners and with the municipalities outside the partnership as well, to find relevant differences and standardize the usage of project outputs, so they can be adapted and used outside the project partnership. This partner doesn't perform economic activities on the market.
<b>EU/international projects experience</b> <i>If applicable, describe the organisation's experience with EU co-financed or other international projects (both participation and their management). In case of lead partner, please describe your capacity to manage a transnational cooperation project.</i>	City of Ostrava has been quite active in applying for international projects funding. e.g. Implementation phase 1. project called "REFILL" funded under EU's URBACT programme. In the role of project partner (network of 10 equal partners), 5/2016 – 5/2016 2. project "IN FOCUS". Funded under EU's URBACT programme. In the role of project partner (network of 10 equal partners), 5/2016 – 5/2016 3. project called "RESOLVE" under the funding of INTERREG CENTRAL EUROPE in the role of LSG partner, 2015 - 2017 Previous, completed projects 4. project "PIMMS" (year 2010-2012) related to SUMP preparation. Ostrava took a role of an associated partner. 5. project "INCORD" (year 2004 – 2006) funded under INTERREG III C. Ostrava as a project partner. Failed applications – Ostrava has contributed to the preparation phase only 4. project called "BSC – Blue Sky Cities" funded under EU's Horizon 2020 Programme in May 2015, call Smart Cities and communities in the role of a project partner as a follower city – the project has not been approved for funding

<b>B.2 Associated partners (if applicable)</b>	
<b>Associated partner number</b>	12
<b>Name of organisation in original language</b>	Moravskoslezský kraj
<b>Name of organisation in English</b>	Moravian-Silesian Region
<b>Project partner to which the organisation is associated</b>	European grouping of territorial cooperation TRITIA, Ltd.
<b>Address</b>	
<b>Country (NUTS 0)</b>	CZ
<b>Region (NUTS 2)</b>	CZ08, Moravskoslezsko
<b>Sub-region (NUTS 3)</b>	CZ080, Moravskoslezský kraj

**B.2 Associated partners (if applicable)**

<i>Associated partner number</i>	13
<i>Name of organisation in original language</i>	Žilinský samosprávny kraj
<i>Name of organisation in English</i>	Žilina self-governing region
<i>Project partner to which the organisation is associated</i>	European grouping of territorial cooperation TRITIA, Ltd.
<u>Address</u>	
<i>Country (NUTS 0)</i>	SK
<i>Region (NUTS 2)</i>	SK03, Stredné Slovensko
<i>Sub-region (NUTS 3)</i>	SK031, Žilinský kraj

**B.2 Associated partners (if applicable)**

<i>Associated partner number</i>	14
<i>Name of organisation in original language</i>	Województwo Opolskie
<i>Name of organisation in English</i>	Opole Voivodeship
<i>Project partner to which the organisation is associated</i>	European grouping of territorial cooperation TRITIA, Ltd.
<u>Address</u>	
<i>Country (NUTS 0)</i>	PL
<i>Region (NUTS 2)</i>	PL52, Opolskie
<i>Sub-region (NUTS 3)</i>	PL522, Opolski

**B.2 Associated partners (if applicable)**

<i>Associated partner number</i>	15
<i>Name of organisation in original language</i>	Województwo Śląskie
<i>Name of organisation in English</i>	Silesian Voivodeship
<i>Project partner to which the organisation is associated</i>	European grouping of territorial cooperation TRITIA, Ltd.
<u>Address</u>	
<i>Country (NUTS 0)</i>	PL
<i>Region (NUTS 2)</i>	PL22, Śląskie
<i>Sub-region (NUTS 3)</i>	PL22A, Katowicki

## SECTION C - Project description

### C.1 Project relevance

***What are the territorial challenges that will be tackled by the project?  
Please describe the relevance of your project for the programme area in terms of common challenges and/or joint assets addressed. Please specify the situation for the territories participating in the project.***

Air pollution is connected to natural resources, industry, urban areas and traffic, and is independent on national borders. Therefore, it is a great territorial challenge to deal with effective air quality management in areas where the transboundary air pollution exists. In Central Europe there are more regions that share this environmental challenge (air polluted areas among the Czech Republic, Germany and Poland, heavily urbanized region among Vienna, Bratislava and Budapest and industrial area among Poland, Czech Republic and Slovakia).

To tackle this challenge, the project focuses on the improvement of air quality management by creating appropriate tools and strategies in 5 pilot European cities (FUAs) in the transnational area of EGTC TRITIA (TRITIA region). TRITIA comprises Opole region, Silesian region (PL), Moravian-Silesian region (CZ) and Žilina region (SK). Its size is 34 069 square kilometres with a population around 7.8 million.

The relevance of the project is based on the fact that the concentrations of particulate matter (PM2.5, PM10) and NO2 exceed the European limits in all four regions, the concentration of benzo(a)pyrene is exceeded even multiple times in some areas. The residents of TRITIA region deem the air quality to be a crucial factor that has a major impact on the quality of their life and health and is a key political issue.

Even though mutual projects and negotiations have been realised, the challenge has not been faced yet because no common approach has been established so far. The management is performed on the local level regardless the transnational influences. The project will help to manage this situation in 5 pilot FUAs and in the whole TRITIA region as a complex with transferability to other Central European regions.

***What is the project's approach in addressing these common challenges and/or joint assets and what is innovative about this approach?***

***Please describe new or innovative solutions that will be developed during the project and/or existing solutions that will be adopted and implemented during the project lifetime. Please explain how far the approach goes beyond existing practice in the sector and/or participating regions.***

To address the common challenge the unique and comprehensive approach to improve air quality management will be performed in pilot FUAs and TRITIA region. The innovation consists in using the same means for the assessment of the situation regarding not only local influences but the transnational scale as well. New mutual tools for long-term air quality management and crisis air pollution management will be developed and implemented. These tools enable the suggestion of efficient measures for air quality improvement which will be established in form of proposed scenarios within created strategies.

These particular innovative solutions will be proceeded within the project:

- 1) The causes of air pollution described across the whole international TRITIA region including all involved air pollution sources in detail. So far assessed just on a local or bilateral level.
- 2) Detailed modelling in exceptional spatial extent and modelling of multiple options for managing air pollution using one of the most powerful supercomputers in Europe. So far done just on a local or bilateral scale.
- 3) Evaluation of cross-border pollution using unmanned airship measurements. So far just pilot bilateral measurements conducted with no practical use.
- 4) Suggestion of variations for reducing emissions and evaluation of the costs and impact on air quality and health in an international regional scale. So far just local and specific studies (for ex. focused on transport) exist, no common approach, no further evaluation.
- 5) Creation of an international regional strategy for improving air quality, which will be optimal in terms of costs and benefits. So far no such a strategy exists and regarding the air quality and quality of life in the TRITIA region is evidently needed, employing the evidence based policy and result based management. Strategies will take into account both recent developments in the EU policies (Air Quality Package) and region specific issues.

**Why is transnational cooperation needed to achieve the project's objectives and results?**

**Please explain why the project goals cannot be efficiently reached acting only on a national/regional/ local level and/or describe what benefits the project partners/target groups/project area gain in taking a transnational approach.**

Some European regions are historically linked by their mineral deposits and similar structure of industry (mining, metallurgy and automobile industry). Although currently these regions belong to the individual European countries, but they have common infrastructure and share same environmental problems such as air pollution. The air pollution sources with regional impact and heavy traffic mutually influence the territory of the neighbouring states.

Different approaches to air quality management at national and local levels in each country lead to conflicts or even legal disputes. The absence of common international management and solutions of these problems cause many non-conceptual and ineffective measures.

Air quality management is one of the challenges for increasing the intensity and systematization of multilateral cooperation, because air quality has a major impact on quality of life and health of population and cannot be solved within one country, but on the transnational level only (in this case the TRITIA region - CZ, PL and SK).

The principal benefit of the transnational approach is that the air quality management will be systematized in similar way not only at local and national levels but also over boundaries of states where the common problem of exceeded air pollution exists. Thus the national policy makers, EGTC TRITIA authorities, public authorities in 5 target FUAs and another target groups will profit from effective decision making and suggested strategic planning.

The benefit for project partners will be the involvement and cooperation of scientists and research institutions together with air protection authorities and decisive political representation in the region of the three countries.

The project also brings an important benefit for TRITIA region citizens and visitors because only uniform approach to the air pollution management can help this problematic transboundary area to become more liveable place.

**Cooperation criteria**

**What is the degree of transnational cooperation within the partnership?**

**Please select at least 3 cooperation criteria that apply to the project and provide a brief explanation.**

Cooperation criteria	Description
Joint development (compulsory)	X The project outputs will be created with the close cooperation of partners from 3 countries. Although each WP has the own lead partner, partners from all countries will participate on its development.
Joint implementation (compulsory)	X The results will be implemented in 3 countries: Czech Republic, Slovakia and Poland. Target groups from all these countries confirmed the implementation, targeted FUAs are within the project partners.
Joint staffing	X Experts from different countries will be developing the project outputs in the close cooperation. Project outputs won't be result of only 1 country expert team work.
Joint financing (compulsory)	X All project partners from Czech Republic, Slovakia and Poland are co-financing the project in accordance with Interreg Central Europe programme.

**C.2 Project focus**

**Project objectives, expected result and outputs**

<b>Programme specific objective</b>	3.3 To improve environmental management of functional urban areas to make them more livable places
<b>Project main objective</b>	
<b>What is the main objective of the project and how does it link to the overall programme goal? How does it contribute to the programme priority specific objective?</b>	
<p>Recently, the problem of air pollution has been presented to decision-makers with some distortions, inaccuracies, in a very complicated way and almost exclusively at a national level. The main objective of the project is to create effective international air quality management through development of joint information database, management and prediction tools and air quality strategies, introduce more accurate information and specific proposals of solutions in both vertical and horizontal coherence. This can actually help improve air quality in polluted areas in regions that are affected by pollution sources from neighbouring countries. This corresponds with the specific objective 3.3 Programme "Improving environmental management functional residential areas, so that they become better places to live." Currently, public administration has not sufficiently clear and simple tools and options for addressing air quality, which is deemed as priority by citizens of most affected FUAs. Realization of the project will increase the capacity and potential of the public administration to manage the air quality.</p>	

<b>Programme result (pre-defined)</b>
<b>Programme result indicator to which the project has to contribute</b>
R 3.3 Status of integrated environmental management capacities of the public sector and related entities in functional urban areas achieved through transnational cooperation for making them more liveable places
<b>Expected project results</b>
<b>What are the project's main results and how do they contribute to the programme result indicator? Please describe the change the project expects to achieve at the territorial level.</b>
The realization of the project should contribute to change the status of the air quality management in the territory from individual, local, dispersed management to common, regional, integrated management which will ensure the real change of air quality at the region. The main result of the project aims to improve the air quality management on the level of 5 pilot FUAs and the TRITIA region. This is expected to be done by developing and implementing the integrated tools for evidence based policy and result based management (Air Quality Management System for long-term management and Prediction Warning System for crisis management), and creating joint strategies. Legislative amendments suggested for individual states should enable a more efficient implementation of an integrated strategy for air quality management. The project expects to harmonize information databases on air quality protection and setting options of transmitting information within the territory, increase capacity and awareness of public administration in air protection, increase efficiency of public bodies in air quality management, initiate joint approach to solve the air quality problem in the territory, so it could become more liveable place.

<b>Project specific objectives</b>	
<b>Which are the specific objectives the project aims to achieve? Define max. 3 specific objectives of the project.</b>	
<b>Title of specific objective</b>	<b>Please shortly explain each of the defined specific objectives</b>
Improving integrated strategic planning for air quality	Integrated strategic planning for air quality improvement will be incorporated in both joint regional strategy and respective strategies for FUAs. These strategies will take into account not only local influences but also regional and transboundary impacts. The strategies will integrate the assessment of the causes of pollution and evaluation of scenarios for reducing emissions. Scenarios will be developed in terms of the expertise of sources. Evaluations of suggested measures within the scenarios will include modelling of impact to the air quality and social, economic and health risks impacts. Integrated strategic planning will lead to main project objective – creation of effective international air quality management in the TRITIA area.
Improving long-term decision making for efficient air quality management	The specific objective of the efficient air quality management will be tackled by development of the Air Quality Management System. It will be an expert decision support system based on the integrated knowledge-base. This tool will be used to access the results of the analyses of the current situation and to develop strategies for improving air quality. It will allow accessing all the information needed to make decisions on the basis of maps easily through a web interface and evaluate individual variants of regulation. This tool is in line with evidence based policy and result base management and provides the necessary data for the effective air quality management.
Improving short term decision making and Improving public awareness during extreme pollution situations and the possibility to adapt their behaviour and reduce the risk of damaging their health	For the population of the area of interest a warning system will be created. It will make recommendations to residents in any place in the area of interest for the next 48 hours. It will be based on the processing of data from air pollution monitoring and prediction models. The tool will also be available on mobile devices.

### C.3 Project context

**How does the project contribute to wider strategies and policies?**

**Please describe the project's contribution to relevant strategies and policies at different levels (EU/national/regional); in particular, those concerning the thematic scope of the project and the participating regions.**

The project is consistent with the requirements of current EU policies, expressed in Directive 2008/50/EC on ambient air quality and cleaner air for Europe (and also Directive 2004/107/EC – as all 3 countries have problem with benzo(a)pyrene) as well as in Directive 2010/75/EU on industrial emissions and recent Directive 2015/2193/EU on limitation of emissions from medium combustion plants. Requirements of the EU Air Package will be taken into account as well. This project will also contribute to the compliance with the updated UNECE CLRTAP Gothenburg Protocol to abate acidification, eutrophication and ground level ozone (further reduction of SO<sub>2</sub>, NO<sub>x</sub>, NH<sub>3</sub>, VOC and PM<sub>2.5</sub>). Furthermore, with the Memorandum between the Ministry of the Environment and the Ministry of the Environment PR to improve air quality in the Czech-Polish border region, particularly in the Moravian-Silesian Region and Silesian, which was signed on September 2011.

Compliance with documents:

A / Czech Republic:

- National Strategic Reference Framework CZ 2013-2020
- National emission reduction program till 2020
- Regional integrated program to improve air quality in Moravian-Silesian Region
- The program for Moravian-Silesian region development, area 5.3
- Modernization and development of systems of territorial policies.
- Strategy of development of the Moravian-Silesian Region for the period 2009-2020, especially with 4.4 SSC substantially improve air quality in the region and develop the technical conditions necessary for a quality environment

B / Slovakia:

- Transport policy SR 2015,
- Principles of state policy on the environment
- National Environmental Action Programme NEAP II
- Regional Environmental Action Programme zoning plan Žilina region
- The economic and social development ŽSK 2007-2013.

C / Poland

- The environmental program for Silesian voivodship
- The environmental program for Opole voivodship

**Please indicate if the project contributes to macro-regional strategies and, if applicable, describe its contribution(s).**

**EU Strategy for the Danube Region**

The AIR TRITIA project is realised in the area of Czech Republic and Slovak Republic, which are part of DANUBE Region. The project outputs will contribute to EU Strategy for the Danube Region in "PA 6 – Biodiversity, landscapes, quality of air and soils" as the project will create strategies to air quality improvement and "PA 5 – To manage environmental risks", as the project will create tools for predicting the extreme air pollution situations.

**What are the synergies with other EU projects (past, on-going or planned) as well as other projects or initiatives? In how far does the project build on available knowledge?**

**Where applicable please refer to existing or planned projects co-funded by EU and/or national/regional funds. In particular please specify if the application is linked to any other proposal under preparation within other EU funds, also specifying the concerned EU-funded programmes (e.g. other Interreg programmes, Horizon 2020, COSME, national or regional programmes supported by ERDF, ESF, cohesion Fund, EAFRD, EMF, etc.)**

**Please also describe the experiences/lessons learned the project builds on, and how available knowledge will be used. Where applicable, linkages to CENTRAL EUROPE 2007-2013 projects should be highlighted.**

The project follows up on three EU projects of the Interreg programme, carried out in terms of the area of interest: CLEAN BORDER, AIR SILESIA and AIR PROGRES CZECHO-SLOVAKIA. The teams of partners (VSB, GIG, ZU and IMGW) of the project in question participated in each project. In terms of the CLEAN BORDER training, emissions from small-scale furnaces were measured on the Czech-Polish border. In terms of the AIR SILESIA, analysis of causes of air pollution was carried out in the border of the AIR TRITIA area of years 2006 and 2010. Within the AIR PROGRES CZECHO-SLOVAKIA, areas with a low air quality of were identified in Žilina, and methods of special monitoring were tested successfully (measuring of vertical profiles of air pollution using unmanned airships). Also, modelling of the influence of Polish sources on Slovakia was carried out, showing that the air pollution in the Žilina region needs to be tackled in the TRITIA. Data and information on air pollution from the project mentioned above will be used in the project in question. Also, data and information on emissions from spoil tips found in the vicinity of furnaces will be used, which are the result of the Interreg project "Dust from Spoil Tips", concluded this year (partners VSB, GIG).

AIR TRITIA project will also use experience from Interreg CE project called Take a Breath! (TAB). It's purpose was to strengthen the powers of local and regional administration in target area, but also to increase the awareness of citizens and local businesses in terms of activities and plans related to air quality. Results of the project: the methodologies, tools and elaborate way communication between stakeholders and beneficiaries will be adapted in AIR TRITIA (as leader of TAB is project partner in AIR TRITIA).

Analysis of these and other relevant EU-funded project will be carried within the WP T1 to ensure, that AIR TRITIA will build on previous project and that it will go beyond existing initiatives.

## C.4 Horizontal principles

### Horizontal principles

<i>Please indicate how the project is likely to affect the following horizontal principles and provide a brief explanation.</i>		
<b>Horizontal principles</b>	<b>Possible effect</b>	<b>Description of possible effects and/or planned measures</b>
<i>Sustainable development: how does the project affect the sustainable development of the programme area and in particular the participating regions?</i>	positive	The project implementation will positively affect all three main pillars of sustainable development. The environmental component is affected mainly by air quality improvement and the following connected impact on other environmental components. Air quality improvement will have positive impact on health of citizens in the area of interest, which also leads to medical expenses decrease. Air pollution has also an impact on economic part of sustainable development, because it can cause property damage and property prices decrease.
<i>Equal opportunity and non-discrimination: how does the project affect equal opportunities, non-discrimination and reduction of disparities?</i>	neutral	The project and its implementation will have no impact on equal opportunities and non-discrimination.
<i>Equality between men and women: how does the project affect gender equality?</i>	neutral	The project and its implementation will have no impact on equality between men and women.
<i>Environment: what are the foreseeable effects on the environment (e.g. water, soil, air and climate, population and human health, fauna, flora and biodiversity, cultural heritage and landscape)?</i>	positive	The project implementation will have a significant positive impact on the environment, especially on the air quality. Developed strategies will provide the measures for long term air quality improvement. These strategies will also suggest measures for extreme pollution situations, which will be monitored and predicted by tools developed within the project. The project implementation will also have positive effect on other environmental components. Due to pollutants transportations, the air quality affects the quality of soil, water, fauna, and flora and of course, the human health. The air quality improvement will thanks to these connections improve the other environmental components as well.

## C.5 Additional Indicators

<b>Thematic result indicators</b>			
Please indicate to which indicators the project results will contribute ( selecting those indicators of relevance for the project scope and the planned achievements) and provide a quantification of the target together with a brief explanation specifying the expected contribution.			
<b>Thematic result indicator</b>	<b>Measurement unit</b>	<b>Target</b>	<b>Explanations</b>
Number of institutions adopting new and/or improved strategies and action plans	Institutions	9,00	There will be 5 specific air pollution strategies, which will be implemented in 5 pilot FUAs: Opole, Rybnik (PL), Ostrava, Opava (CZE) and Žilina (SVK). The common air quality strategy will be implemented by Moravian – Silesian Region (CZ), Opole Voivodship (PL), Silesian Voivodship (PL) and Žilina Self – governing Region (SK).
Number of institutions applying new and/or improved tools and services	Institutions	9,00	Both developed tools, Air Quality Management System (AQMS) and Prediction and Warning System (PWS) will be used by public bodies on local (5 pilot FUAs), regional (4 regions from TRITIA area. Implementation of these tools at institutions mentioned above will provide all information and data from these tools to general public in area of interest and many others institutions in TRITIA region.
Amount of funds leveraged based on project achievements	EUR	1,00	There are no expectation of funds leveraged based on project achievements
Number of jobs created (FTE) based on project achievements	FTE	2,00	There is possibility to create a specialized positions within the local and regional public authorities to adress the air pollution strategies and solutions. Project achievements will mostly influence existing jobs, instead of creation new one.
Number of trained persons	Persons	40,00	Developed tool will be introduced to stakeholders from area of interest, together with courses for their effective use in the stakeholder 's activities in the air quality policies. Following numbers of person will be trained: 4 persons from each of 5 pilot FUAs – 20 together 5 persons from each of 4 target regions – 20 together Others (groups of interest, general public, etc.) – according to their interest.



<b>Communication result indicators</b>			
Please provide a quantification of the targets for each of the communication result indicators together with a brief explanation.			
<b>Communication result indicator</b>	<b>Measurement unit</b>	<b>Target</b>	<b>Explanations</b>
Unique visits to the project website (digital reach)	Number of stakeholders reached	600,00	Taking in account the initial project period, average estimation was made for approx. 600 visits/month. Website will be comprehensible to all target groups, its traffic will be checked regularly within its updates. To reach target, website will be displayed on all the dissemination tools (leaflets, posters, direct mailing, and video). It will be supported also through the hyperlinks at the project partners' webpages, project social media as well as the social media of project partners.
Participants at project Events (physical reach)	Number of stakeholders reached	840,00	Two types of project events: conferences, Healthy Air Info Day (HAID). HAID: on average up to 100 participants are expected to attend each of these events. Every country will organise 2 HAIDs. All together min. 600 participants are supposed to come. CONFERENCES: up to 120 participants are expected to attend each of the both project conferences. Additional audience will be reached thanks to the project presentation at non-project events (events targeted on municipalities representatives and GP)
Event participants satisfied with Information provided (satisfaction with information)	Percentage of stakeholders satisfied	80,00	Participants' satisfaction will be mapped in regards to HAID and conferences. The most mixed target groups' structure is expected for HAID. Therefore a great attention will be paid to participant satisfaction and its appropriate measurement. The focus will be not only on "WHAT?" (Information) but also on "HOW?" (way of providing information). Survey is going to reflect also this aspect.
Joint communication activities implemented with external stakeholders (external cooperation)	Number of communication activities	3,00	External stakeholders (local and regional public authorities, NGOs, sectoral agencies) will help to disseminate the project to general public through leaflets, information on their webpages and partially will be supportive also by HAID promotion. Public authorities will be engaged in the project actively (local & regional platform) from its beginning with aim to influence their attitude and change behaviour regarding to the air quality

## SECTION D Work plan

### Work package list

(overview on work packages as defined in the work plan - automatically filled in from WPs)

<b>Work package type (number)</b>	<b>WP name</b>	<b>Start date</b>	<b>End date</b>
Preparation P	Preparation	05.2017	06.2017
Management M	Management	06.2017	05.2020
Thematic T1	Current State Analysis (data collection, modelling and measurements)	06.2017	11.2018
Thematic T2	Tools for Air Quality Management	12.2017	11.2019
Thematic T3	Integral strategic planning for air quality management	05.2018	05.2020
Communication C	Communication	06.2017	05.2020

#### D.1 Work package description

##### WP type: Preparation

<b>WP Nr</b>	<b>WP title</b>	<b>WP start date</b>	<b>WP end date</b>	<b>WP budget</b>
P	Project preparation	05.2017	06.2017	15.000,00

WP type: Management

WP Nr	WP title	WP start date (month)	WP end date (month)	WP budget
M	Project management	06.2017	05.2020	319.109,04
<b>Partner</b>				
<b>WP responsible partner</b>	VŠB - Technical University of Ostrava			
<b>Partner's involvement</b>				
1	VŠB - Technical University of Ostrava, LP, VSB			
2	ACCENDO - Centre for Science and Research, Institute, PP, ACCENDO			
3	Central Mining Institute, PP, GIG			
4	European grouping of territorial cooperation TRITIA, Ltd., PP, TRITIA			
5	Institute of Meteorology and Water Management - National Research Institute, PP, IMWM-NRI			
6	University of Zilina, PP, UNIZA			
7	City of Rybnik, PP, Rybnik			
8	City of Opava, PP, Opava			
9	The City of Zilina, PP, ZA			
10	City of Opole, PP, Opole			
11	City of Ostrava, PP, OVA			
<b>Description</b>				
Describe the WP objective and how the management on the strategic and operational level will be carried out in the project, specifically:				
<ul style="list-style-type: none"> <li>• structure, responsibilities and procedures for the day-to-day management and co-ordination;</li> <li>• internal communication within the partnership;</li> <li>• reporting and evaluation procedures;</li> <li>• risk and quality management</li> </ul>				
Indicate whether it is foreseen to outsource the project management.				
<p>VŠB will be the coordinating institution, represented in the Steering Committee by Project Manager. The Steering Committee will be the main decision making body consisting of 11 members (1 per each partner). It will meet once every 6 months. WP leaders will report in advance to Steering Committee the progress of works. These reports will be evaluated by The Steering Committee, and the feedback will be provided to improve the activities in next periods. The Steering Committee will be evaluating and ensuring the needed quality of project activities. Internal communication will be addressed through the project members meetings, e-mail communication a phone calls. There will be a brief report from every face-to-face meeting, information from the phone call will be confirmed via email. The Steering Committee will be informed about any important communication between project team members. All e-mails will be copied to WP leaders and to the Steering Committee. The principles of project management and administrative procedures will be described in Project Handbook, delivered in month 3. It will define project's internal organization, communication rules, procedures, knowledge sharing, document models, templates etc. Coordinator and The Steering Committee will be responsible for the continuous management of risks. Early risk identification and adaption of remedial measures will assure smooth project implementation. All members of project team are responsible to inform Steering Committee about identified risks as soon as possible. The Steering Committee is responsible for analysis of risks and adoption of remedial actions. Each 6 months The Steering committee will evaluate risks management from previous period by Risk Evaluation Reports. All partners will use their own existing quality management procedures. Every 6 months, there will be a project result and management quality assessment, with reports including recommendations for the next period.</p>				

Activity A.M.1	Activity title <b>Management Start-Up Activity: Setting Up the Efficient Project Management</b>	Start date <b>06.2017</b>	End date <b>05.2020</b>	Indicative budget <b>1.841,74</b>
<b>Deliverables for activity A.M.1</b>				
Deliverable D.M.1.1	Deliverable title Project Management Handbook	Description of deliverable Document containing in detail project's internal organisation, procedures, internal communication rules, knowledge exchange and sharing, document models, templates etc. The competences and task of project partners will be defined there.	Delivery month 08.2017	Quantification/target 1,00

<b>Activity A.M.2</b>	<i>Activity title</i> <b>Steering and monitoring of the project implementation</b>	<i>Start date</i> <b>06.2017</b>	<i>End date</i> <b>05.2020</b>	<i>Indicative budget</i> <b>56.288,77</b>
<b>Deliverables for activity A.M.2</b>				
<b>Deliverable D.M.2.1</b>	<i>Deliverable title</i> Risk Evaluation Reports	<i>Description of deliverable</i> Reports will be created each 6 months and will contain the identified risks from previous period, their analysis and solution. The report will also contain recommendations for the next period.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 6,00
<b>Deliverable D.M.2.2</b>	<i>Deliverable title</i> Steering Committee Reports	<i>Description of deliverable</i> Report from The Steering Committee Meetings will be created after each meeting, which take place once per 6 months.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 6,00
<b>Deliverable D.M.2.3</b>	<i>Deliverable title</i> Quality Assessment Reports	<i>Description of deliverable</i> Reports will be created every 6 months and will contain project partial result assessment. The report will also contain recommendations for the next period to ensure highest quality of results.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 6,00
<b>Activity A.M.3</b>	<i>Activity title</i> <b>Day to Day Project Management and Coordination</b>	<i>Start date</i> <b>06.2017</b>	<i>End date</i> <b>05.2020</b>	<i>Indicative budget</i> <b>93.849,77</b>
<b>Deliverables for activity A.M.3</b>				
<b>Deliverable D.M.3.1</b>	<i>Deliverable title</i> Reports from project coordination and project team meetings	<i>Description of deliverable</i> The project team meetings will be realised once per 3 months. A report about every meeting will be created to give the information to all project team members. The report will also contain information about the activities realized in the last 3 months.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 12,00
<b>Deliverable D.M.3.2</b>	<i>Deliverable title</i> Management Assessment Report	<i>Description of deliverable</i> Reports will be created every 6 months and will contain result of management quality assessment. The report will also contain recommendations for the next period to ensure highest effectivity of project management.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 6,00
<b>Activity A.M.4</b>	<i>Activity title</i> <b>Financial management</b>	<i>Start date</i> <b>06.2017</b>	<i>End date</i> <b>05.2020</b>	<i>Indicative budget</i> <b>167.128,77</b>
<b>Deliverables for activity A.M.4</b>				
<b>Deliverable D.M.4.1</b>	<i>Deliverable title</i> Basis for monitoring periods financial reports	<i>Description of deliverable</i> Reports containing needed information for the financial part of project period's reports.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 6,00

**WP type: Thematic work package (maximum 4 work packages)**

<b>WP Nr</b>	<b>WP title</b>	<b>WP start date (month)</b>	<b>WP end date (month)</b>	<b>WP budget</b>
T1	Current State Analysis (data collection, modelling and measurements)	06.2017	11.2018	672.094,51
<b>Partner</b>				
<b>WP responsible partner</b>	VŠB - Technical University of Ostrava			
<b>Partner's involvement</b>				
1	VŠB - Technical University of Ostrava, LP, VSB			
2	ACCENDO - Centre for Science and Research, Institute, PP, ACCENDO			
3	Central Mining Institute, PP, GIG			
4	European grouping of territorial cooperation TRITIA, Ltd., PP, TRITIA			
5	Institute of Meteorology and Water Management - National Research Institute, PP, IMWM-NRI			
6	University of Zilina, PP, UNIZA			
7	City of Rybnik, PP, Rybnik			
8	City of Opava, PP, Opava			
9	The City of Zilina, PP, ZA			
10	City of Opole, PP, Opole			
11	City of Ostrava, PP, OVA			
<b>Summary</b>				
<p><i>Provide a well-written summary of what will be done in this work package. Please explain what you want to achieve (outputs), why those outputs are relevant for reaching the project specific objectives and how you plan to get there (activities and deliverables). Please also describe how partners will be involved. If applicable, please indicate whether any pilot investment is foreseen. Any pilot investment has to be linked to a pilot action of the work package:</i></p> <ul style="list-style-type: none"> <li>• <i>Smaller pilot investments (below EUR 15,000 total cost) should be described within this work package.</i></li> <li>• <i>In case of pilot investments exceeding EUR 15,000 total cost a separate "Investment specification" has to be filled in and the link has to be described in this summary.</i></li> </ul>				
<p>The objective is to get knowledge and data for the evidence based air quality management in each involved FUA. The output is presented as a tool in form of a unified information database. The database creates a foundation for AQMS and for the objectives Efficient air quality management and Integrated strategic planning. Partnership municipalities will provide their data and help them process and interpret.</p> <p>To accomplish this objective and fulfil the database WP1 employs these activities:</p> <p>A1.1 Current State Review – to get actual state of knowledge – review of former studies, emissions and pollution (VSB, IMGW, UNIZA); analysis of national legislature and policies on air quality management, analysis of past and current relevant EU-funded projects and its results (e.g. TAB). (ACC);</p> <p>A1.2 Current State Studies – to get information about factors affected by air quality management and have a base for evaluation of impact of air quality improvement measures - socio-economic and epidemiologic study of FUAs and TRITIA (ACC);</p> <p>A1.3 Processing of data in GIS – to gather relevant data for AQMS and modelling - comprising demography, geography, meteorology, traffic, domestic boilers, industrial sources, socio-economy and epidemiology (VSB, GIG, IMGW, UNIZA, FUAs).</p> <p>A1.4 Mathematical modelling – to get know the detail pollution distribution in FUAs and the TRITIA region including health risks – traffic model for TRITIA region and in-depth model for each FUA (UNIZA) followed by air pollution distribution models SYMOS 97 for the TRITIA region and FUAs in detail which will provide also a base for the assessment of suggested measures (WP3); health risks calculation (VSB).</p> <p>A1.5 Specific air quality measurements– to study specific air pollution in TRITIA and transboundary pollution transfer and to verify air pollution origin and make the models credible - moss biomonitoring with NAA (VSB); traffic pollution (UNIZA); isotopes and granulometry (GIG).</p>				

**Project outputs**  
Please describe in more detail the outputs of the project that will be the outcome of the activities carried out in this work package. Explain which activities will be taken to achieve an output.  
Each output should be linked to a programme output indicator (please ensure that it has the same measurement unit).  
In case of investment specification, the investment as such is to be defined as output and linked to the category "investment" as included in the list of output indicators.

Output title	Please provide a brief description of the project output	Programme output indicator to which the output will contribute	Quantification / target	Delivery date
Output O.T1.1 Unified Information Database	Database operated in GIS, including the comprehensive set of spatial data of the TRITIA region and FUAs in detail. Input for AQMS (WP2). The database includes: - Socio-economic data - Epidemiologic data - Meteorological data - Sources of air pollution (traffic, domestic boilers, industry) - Air pollution including the impact of individual group of sources (for PM10, PM2.5, NO2, benzo(a)pyrene) - Impact of pollution on population - Data from measurements.	S.O.3.3 - Number of tools developed and/or implemented for the improvement of environmental quality in functional urban areas	1,00	07.2018

### Target groups

Who will use the outputs of this work package or the investment?	<ul style="list-style-type: none"> <li>Local public authority</li> <li>Regional public authority</li> <li>National public authority</li> </ul>
How will you involve those target groups (and other stakeholders) in the development of the outputs of this work package or the implementation of the investment?	Two platforms were designed to get the target groups (TG) actively involved in outputs development. Local platform consisting of cities- project partners, regional consisting of particular TRITIA regions (under the guidance of EGTC Triticia). As the database is going to acquire different type of data, further target groups (ministries representatives, pre-selected large enterprises, sectoral agencies) approached have expressed their interest to actively join the platforms' meetings.

### Sustainability and transferability of work package outputs (not applicable for investment specification)

<p><b>Sustainability (Institutional, financial and political)</b> How will the work package outputs be further used by project partners once the project has ended?  Please describe concrete measures (including e.g. institutional structures, financial resources, policy improvements etc.) taken during and after project implementation to ensure the sustainability of the project outputs. If relevant, please explain who will be responsible and/or the owner of the outputs.</p>	The database represents main input for AQMS (WP2) and so once the project has finished it will be used as the part of AQMS for strategic management of air quality in both; partner FUAs and the TRITIA region. The database itself will be stored and maintained in the premises of VSB. As a public university VSB has required infrastructure and experienced staff to ensure the maintenance of the database.
<p><b>Transferability (linked to the WP Communication)</b> Which work package outputs will be transferred to which additional target audiences during project lifetime and beyond? Why are these outputs the most relevant ones to be transferred?  Please describe the additional target audiences (e.g. other organisations/regions/countries outside of the current partnership) and ensure links to the strategy of the communication work package.</p>	Involvement related communication planned within thematic WPs will be closely intertwined with sustainability related communication of WP Communication. Specific platforms' meetings will be used to transfer the information on database to additional TGs (other TRITIA cities). General public will be reached with specific relevant data. Required data to fulfil the database structure is available in all Central Europe and therefore completely transferrable anywhere in this region.

Activity A.T1.1	Activity title Current State Review	Start date 06.2017	End date 06.2018	Indicative budget 902,00
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<b>Deliverables for activity A.T1.1</b>				
<b>Deliverable D.T1.1.1</b>	<i>Deliverable title</i> Report on review of existing studies on the causes of air pollution	<i>Description of deliverable</i> Description of deliverable Review focused on the current knowledge of causes of air pollution in the TRITIA region and 6 FUAs and on existing measures for air quality improvement being applied or expected.	<i>Delivery month</i> 11.2017	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.1.2</b>	<i>Deliverable title</i> Report on the state of current national legislatures and policies to improve the air quality	<i>Description of deliverable</i> Analysis of current national policies and legislature, including imminent changes, with particular focus on limiting pollution in the individual countries and the authority at national, regional and local level.	<i>Delivery month</i> 06.2018	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.1.3</b>	<i>Deliverable title</i> Report on past and current relevant EU-funded projects	<i>Description of deliverable</i> Report with summarized information about relevant projects (e.g. TAB) and results. Recommendations for AIR TRITIA based on analysis will be a part of the report. If needed, meeting with relevant representatives of other project will be realized.	<i>Delivery month</i> 11.2017	<i>Quantification/target</i> 1,00
<b>Activity A.T1.2</b>	<i>Activity title</i> <b>Current State Studies</b>	<i>Start date</i> <b>06.2017</b>	<i>End date</i> <b>05.2018</b>	<i>Indicative budget</i> <b>114.396,59</b>
<b>Deliverables for activity A.T1.2</b>				
<b>Deliverable D.T1.2.1</b>	<i>Deliverable title</i> Socio-economic study of the area of interest	<i>Description of deliverable</i> The study of the distribution of population according to socioeconomic characteristics, comprising the analysis of long-term settlement changes (aging of population, migration trends).	<i>Delivery month</i> 05.2018	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.2.2</b>	<i>Deliverable title</i> Epidemiologic study of the area of interest concluded with a report	<i>Description of deliverable</i> Assessment of population distribution with respect to their health condition, with particular focus on respiratory diseases, artery diseases and cancer.	<i>Delivery month</i> 05.2018	<i>Quantification/target</i> 1,00
<b>Activity A.T1.3</b>	<i>Activity title</i> <b>Processing of spatial data in GIS</b>	<i>Start date</i> <b>06.2017</b>	<i>End date</i> <b>05.2018</b>	<i>Indicative budget</i> <b>130.261,53</b>
<b>Deliverables for activity A.T1.3</b>				
<b>Deliverable D.T1.3.1</b>	<i>Deliverable title</i> Demographic spatial database	<i>Description of deliverable</i> Demographic data acquired in the censuses in TRITIA region processed to spatial data in GIS. Input for calculation of emission from domestic boilers (D.T1.3.5) and health risks (D.T1.4.3). Part of AQMS.	<i>Delivery month</i> 10.2017	<i>Quantification/target</i> 1,00

<b>Deliverable D.T1.3.2</b>	<i>Deliverable title</i> Geographic spatial database	<i>Description of deliverable</i> Geographic data from the TRITIA region converted to a single spatial database in GIS (generalisation of large and medium scales - approximately 1:10 000). Input for modelling (D.T1.5.).	<i>Delivery month</i> 10.2017	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.3.3</b>	<i>Deliverable title</i> Meteorological spatial database	<i>Description of deliverable</i> Statistically processed meteorological data in the TRITIA region and 6 FUAs, orthographically distributed, in format for SYMOS 97 and CALPUFF. Input for modelling (D.T1.5.). Part of AQMS.	<i>Delivery month</i> 10.2017	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.3.4</b>	<i>Deliverable title</i> Traffic spatial database	<i>Description of deliverable</i> Topologically processed road network for the TRITIA region and 5 FUAs in detail with relevant attributes on traffic intensity other, necessary attributes. Input for traffic model (D.T1.4.); part of AQMS.	<i>Delivery month</i> 12.2017	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.3.5</b>	<i>Deliverable title</i> Domestic boilers spatial database	<i>Description of deliverable</i> Spatial polygon representation of small-scale furnaces and boilers created via GIS comprising emissions calculation according to the unified methodology. Input for modelling (D.T1.4.2). Part of AQMS.	<i>Delivery month</i> 12.2017	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.3.6</b>	<i>Deliverable title</i> Industrial sources spatial database	<i>Description of deliverable</i> Unified spatial database of industrial sources of air pollution in TRITIA region and 50 km buffer zone, including emission and technical parameters. Input for modelling (D.T1.4.2). Part of AQMS.	<i>Delivery month</i> 12.2017	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.3.7</b>	<i>Deliverable title</i> Socio-economic database	<i>Description of deliverable</i> Unified spatial database of socio economic data. These data will provide the information about current situation of inhabitants in target area, for effective targeting of measures within WP3. Part of AQMS.	<i>Delivery month</i> 05.2018	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.3.8</b>	<i>Deliverable title</i> Epidemiologic database	<i>Description of deliverable</i> Unified spatial database of epidemiologic data. Input for measures evaluation within WP3. Part of AQMS.	<i>Delivery month</i> 05.2018	<i>Quantification/target</i> 1,00
<b>Activity A.T1.4</b>	<i>Activity title</i> <b>Mathematical modelling</b>	<i>Start date</i> <b>11.2017</b>	<i>End date</i> <b>06.2018</b>	<i>Indicative budget</i> <b>206.593,86</b>
<b>Deliverables for activity A.T1.4</b>				



<b>Deliverable D.T1.4.1</b>	<i>Deliverable title</i> Traffic Model	<i>Description of deliverable</i> Creation of a mathematical traffic model in the TRITIA region and creation of detailed traffic models for 5 FUAs. The results will be the input for air pollution modelling (D.T1.4.2), and AQMS	<i>Delivery month</i> 03.2018	<i>Quantification/target</i> 5,00
<b>Deliverable D.T1.4.2</b>	<i>Deliverable title</i> Air Pollution Model	<i>Description of deliverable</i> A model of the distribution of average concentrations of PM10, PM2,5, NO2, benzo(a)pyrene in the TRITIA and 5 FUAs, according to the SYMOS 95 comprising impact of each air pollution source group.(20 models in total) Part of AQMS. Input for strategies.	<i>Delivery month</i> 06.2018	<i>Quantification/target</i> 20,00
<b>Deliverable D.T1.4.3</b>	<i>Deliverable title</i> Calculation of health risks	<i>Description of deliverable</i> Report on health risks associated with air pollution, based on the calculation from results of air pollution modelling (D.T1.4.2), according to the EPA methodology.	<i>Delivery month</i> 06.2018	<i>Quantification/target</i> 1,00
<b>Activity A.T1.5</b>	<i>Activity title</i> <b>Specific air quality measurements</b>	<i>Start date</i> <b>06.2017</b>	<i>End date</i> <b>11.2018</b>	<i>Indicative budget</i> <b>219.940,53</b>
<b>Deliverables for activity A.T1.5</b>				
<b>Deliverable D.T1.5.2</b>	<i>Deliverable title</i> Report on measuring traffic pollution	<i>Description of deliverable</i> Report on air quality measurements for evaluation of air pollution focused on traffic and for supplementation of airborne monitoring to verify air pollution model. Report on 1 year monitoring data from Raciborz station in Poland.	<i>Delivery month</i> 06.2018	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.5.3</b>	<i>Deliverable title</i> Report from isotope measuring and particlegranulometry	<i>Description of deliverable</i> Report on measurements of isotopes distribution for the indication of dust reemission, coal combustion or metal smelting in order; measurements of particle size distribution to verify the air pollution model.	<i>Delivery month</i> 06.2018	<i>Quantification/target</i> 1,00
<b>Deliverable D.T1.5.4</b>	<i>Deliverable title</i> Report from Moss Analysis	<i>Description of deliverable</i> Moss analysis via NNA will be performed to verificate created models. This analysis provides information about long-term situation in the area air pollution. This analysis will add a credibility of performed modelling.	<i>Delivery month</i> 11.2018	<i>Quantification/target</i> 1,00

**WP type: Thematic work package (maximum 4 work packages)**

<b>WP Nr</b>	<b>WP title</b>	<b>WP start date (month)</b>	<b>WP end date (month)</b>	<b>WP budget</b>
T2	Tools for Air Quality Management	12.2017	11.2019	474.265,47
<b>Partner</b>				
<b>WP responsible partner</b>	Institute of Meteorology and Water Management - National Research Institute			
<b>Partner's involvement</b>				
1	VŠB - Technical University of Ostrava, LP, VSB			
2	ACCENDO - Centre for Science and Research, Institute, PP, ACCENDO			
3	Central Mining Institute, PP, GIG			
4	European grouping of territorial cooperation TRITIA, Ltd., PP, TRITIA			
5	Institute of Meteorology and Water Management - National Research Institute, PP, IMWM-NRI			
6	University of Zilina, PP, UNIZA			
7	City of Rybnik, PP, Rybnik			
8	City of Opava, PP, Opava			
9	The City of Zilina, PP, ZA			
10	City of Opole, PP, Opole			
11	City of Ostrava, PP, OVA			
<b>Summary</b>				
<p><i>Provide a well-written summary of what will be done in this work package. Please explain what you want to achieve (outputs), why those outputs are relevant for reaching the project specific objectives and how you plan to get there (activities and deliverables). Please also describe how partners will be involved.</i></p> <p><i>If applicable, please indicate whether any pilot investment is foreseen. Any pilot investment has to be linked to a pilot action of the work package:</i></p> <ul style="list-style-type: none"> <li>• <i>Smaller pilot investments ( below EUR 15.000 total cost) should be described within this work package.</i></li> <li>• <i>In case of pilot investments exceeding EUR 15.000 total cost a separate "Investment specification" has to be filled in and the link has to be described in this summary.</i></li> </ul>				
<p>The objective of WP2 is to provide tools for evidence based air quality management in model FUAs and the TRITIA region. At these levels two tools are developed and implemented: AQMS (Air Quality Management System) and PWS (Predictive Warning system).</p> <p>AQMS is a tool supporting strategic long-term decision-making. It is a spatial information system operating over the information database (output of WP1), using map interface developed for management level and public level, accessible via web browsers. The system can be filled with data generated through special analysis according to a user's need.</p> <p>PWS is a tool for crisis air quality management and short-term decision-making during extreme air pollution situations (inversions). It is a spatial information system, using interactive map interface, accessible via web browsers and mobile app. It predicts air pollution concentration within 48 hours and suggests appropriate behaviour regarding the health risk reduction. PWS will also help the emission regulation activities.</p> <p>Both tools will be developed and implemented in cooperation with municipality project partners (FUAs). Tools development will use experience from previous projects and will go beyond existing outputs (especially the TAB output "Virtual Observatory").</p> <p>Following activities will be carried out:</p> <p>A2.1 AQMS development – tool prototype (VSB, FUAs)</p> <p>A2.2 PWS development – tool prototype (IMGW, FUAs)</p> <p>A2.3 AQMS evaluation and implementation – fully functional tool fulfilled with data (output of WP1 and WP3 measures) for respective FUAs including users' feedback; implementation and feedback in FUAs, management level user training (VSB, FUAs); communication with target groups (WPC).</p> <p>A2.4 PWS evaluation and implementation – fully functional and implemented tool fulfilled with data for respective FUAs including users' feedback; the smart phone application; user training (IMGW, FUAs); communication with target groups (WPC).</p>				

**Project outputs**

Please describe in more detail the outputs of the project that will be the outcome of the activities carried out in this work package. Explain which activities will be taken to achieve an output.

Each output should be linked to a programme output indicator (please ensure that it has the same measurement unit).

In case of investment specification, the investment as such is to be defined as output and linked to the category "investment" as included in the list of output indicators.

Output title		Please provide a brief description of the project output	Programme output indicator to which the output will contribute	Quantification / target	Delivery date
Output O.T2.1	AQMS - Air Quality Management System	AQMS is an expert system comprising relevant spatial data, analyses results, results of air-pollution modelling, measures, air quality impact of measures. It includes the unified spatial database created in terms of WP1 extended with suggested measures (WP3) and impact of measure to the air quality. The information is accessible via interactive map interfaces.	S.O.3.3 - Number of tools developed and/or implemented for the improvement of environmental quality in functional urban areas	5,00	11.2019
Output O.T2.2	PWS - Prediction Warning System	PWS provides model information about the air pollution within next 48 h proceeding from air monitoring and meteorological data, in detail recalculated for whole area of each FUA. It focuses mainly on situations with extreme air pollution. The information will be accessible via web browser and in form of an app for smartphones.	S.O.3.3 - Number of tools developed and/or implemented for the improvement of environmental quality in functional urban areas	5,00	11.2019

**Target groups**

Who will use the outputs of this work package or the investment?	<ul style="list-style-type: none"> <li>• Local public authority</li> <li>• Regional public authority</li> <li>• National public authority</li> <li>• Interest groups including NGOs</li> <li>• General public</li> </ul>
How will you involve those target groups (and other stakeholders) in the development of the outputs of this work package or the implementation of the investment?	Public authorities, interest groups including NGOs are going to join the tools' development process through the meetings of local and regional platform. Already the developed prototypes will be presented to them and consulted with. Air Quality Management System (AQMS) and Prediction and Warning System (PWS) will be implemented in 5 FUAs (project partner cities).

<b>Sustainability and transferability of work package outputs (not applicable for investment specification)</b>	
<p><b>Sustainability (institutional, financial and political)</b> How will the work package outputs be further used by project partners once the project has ended? Please describe concrete measures (including e.g. institutional structures, financial resources, policy improvements etc.) taken during and after project implementation to ensure the sustainability of the project outputs. If relevant, please explain who will be responsible and/or the owner of the outputs.</p>	<p>AQMS and PWS will be developed and implemented in the final stage of the project. After it has been finished, it will be at a disposal to the stakeholders. The AQMS databases and server with interactive map interface will be located and maintained in the premises of VSB. PWS will be used also after the end of the project and will be maintained at IMGW. Both institutions have enough funds and required Infrastructure to sustain the systems.</p>
<p><b>Transferability (linked to the WP Communication)</b> Which work package outputs will be transferred to which additional target audiences during project lifetime and beyond? Why are these outputs the most relevant ones to be transferred? Please describe the additional target audiences (e.g. other organisations/regions/countries outside of the current partnership) and ensure links to the strategy of the communication work package.</p>	<p>Other TRITIA cities will get the chance to experience the tools during final platforms' workshop (short interactive training session). General public will be reached by plenty of means described in Communication WP. The processes of both tools creation will be described and replicable. Generally AQMS and PWS will be applicable for regions of a similar size in whole Central Europe.</p>

Activity A.T2.1	Activity title AQMS Development	Start date 12.2017	End date 05.2019	Indicative budget 176.359,49
<b>Deliverables for activity A.T2.1</b>				
Deliverable D.T2.1.1	Deliverable title AQMS prototype	Description of deliverable Draft of the data model loaded with spatial data created in terms of WP1, draft of secondary database containing index tables and analyses results, draft of beta version of interactive map interface.	Delivery month 05.2019	Quantification/target 1,00
Activity A.T2.2	Activity title AQMS evaluation and implementation	Start date 06.2019	End date 11.2019	Indicative budget 90.606,00
<b>Deliverables for activity A.T2.2</b>				
Deliverable D.T2.2.1	Deliverable title AQMS Tool	Description of deliverable Draft of the data model loaded with spatial data created in terms of WP1, draft of secondary database containing index tables and analyses results, draft of beta version of interactive map interface.	Delivery month 11.2019	Quantification/target 5,00
Deliverable D.T2.2.2	Deliverable title AQMS Evaluation report	Description of deliverable Municipality project partners will create an evaluation report, which will contain results of tool testing and recommendations for final tool adjustments for a fully functioning version of AQMS (1 report per FUA).	Delivery month 09.2019	Quantification/target 5,00

<b>Deliverable D.T2.2.3</b>	<i>Deliverable title</i> AQMS Implementation and User Manual	<i>Description of deliverable</i> Manual, which will describe how to create and implement similar tool in municipalities and regions outside the project partnership by usage of created tool prototype. A description of how to keep the tool running will be part of the manual.	<i>Delivery month</i> 11.2019	<i>Quantification/target</i> 1,00
<b>Activity A.T2.3</b>	<i>Activity title</i> PWS Development	<i>Start date</i> 12.2017	<i>End date</i> 05.2019	<i>Indicative budget</i> 125.924,00
<b>Deliverables for activity A.T2.3</b>				
<b>Deliverable D.T2.3.1</b>	<i>Deliverable title</i> PWS Prototype	<i>Description of deliverable</i> Draft of a data-mining system in meteorological and pollution databases (proposal of processes and methods). Proposed model of pollution prediction. Proposal of parameters of modelling (model resolution, etc.) Design of user interface, prototype testing.	<i>Delivery month</i> 05.2019	<i>Quantification/target</i> 1,00
<b>Activity A.T2.4</b>	<i>Activity title</i> PWS evaluation and implementation	<i>Start date</i> 06.2019	<i>End date</i> 11.2019	<i>Indicative budget</i> 81.376,00
<b>Deliverables for activity A.T2.4</b>				
<b>Deliverable D.T2.4.1</b>	<i>Deliverable title</i> PWS Tool	<i>Description of deliverable</i> PWS tool will be implemented across the area of interest, where pollution monitoring stations are located. 48-hour forecast of short-term (1hr) concentrations will be available through the web interface and mobile applications and sending warnings.	<i>Delivery month</i> 11.2019	<i>Quantification/target</i> 5,00
<b>Deliverable D.T2.4.2</b>	<i>Deliverable title</i> PWS evaluation report	<i>Description of deliverable</i> Municipality project partners will create an evaluation report, which will contain results of tool testing and recommendations for final tool adjustments for a fully functioning version of PWS (1 report per FUA).	<i>Delivery month</i> 09.2019	<i>Quantification/target</i> 5,00
<b>Deliverable D.T2.4.3</b>	<i>Deliverable title</i> PWS Implementation and User Manual	<i>Description of deliverable</i> Manual, which will describe how to create and implement similar tool in municipalities and regions outside the project partnership by usage of created tool prototype. A description of how to keep the tool running will be part of the manual.	<i>Delivery month</i> 11.2019	<i>Quantification/target</i> 1,00

**WP type: Thematic work package (maximum 4 work packages)**

<b>WP Nr</b>	<b>WP title</b>	<b>WP start date (month)</b>	<b>WP end date (month)</b>	<b>WP budget</b>
T3	Integral strategic planning for air quality management	05.2018	05.2020	704.499,20
<b>Partner</b>				
<b>WP responsible partner</b>	ACCENDO - Centre for Science and Research, Institute			
<b>Partner's involvement</b>				
1	VŠB - Technical University of Ostrava, LP, VSB			
2	ACCENDO - Centre for Science and Research, Institute, PP, ACCENDO			
3	Central Mining Institute, PP, GIG			
4	European grouping of territorial cooperation TRITIA, Ltd., PP, TRITIA			
5	Institute of Meteorology and Water Management - National Research Institute, PP, IMGW-NRI			
6	University of Zilina, PP, UNIZA			
7	City of Rybnik, PP, Rybnik			
8	City of Opava, PP, Opava			
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10	City of Opole, PP, Opole			
11	City of Ostrava, PP, OVA			
<b>Summary</b>				
<p><i>Provide a well-written summary of what will be done in this work package. Please explain what you want to achieve (outputs), why those outputs are relevant for reaching the project specific objectives and how you plan to get there (activities and deliverables). Please also describe how partners will be involved. If applicable, please indicate whether any pilot investment is foreseen. Any pilot investment has to be linked to a pilot action of the work package:</i></p> <ul style="list-style-type: none"> <li>• <i>Smaller pilot investments ( below EUR 15,000 total cost) should be described within this work package.</i></li> <li>• <i>In case of pilot investments exceeding EUR 15,000 total cost a separate "Investment specification" has to be filled in and the link has to be described in this summary.</i></li> </ul>				
<p>The objective of WP3 is to create strategies for the air quality management on the level of FUAs and on the level of the whole TRITIA region. This objective crowns the main objective of the project and proceed from output of WP1 (unified information database) and completes the AQMS with concrete measures and scenarios.</p> <p>To create the strategies these activities will be done in cooperation with project partners with partnership municipalities:</p> <p>A.T3.1 Particular measures suggestions – to create the database of various measures and assess the effects of their application – expertly suggested measures in FUAs and the TRITIA region involving stakeholders (public authorities, interest groups, large enterprises) (VSB, UNIZA, GIG, IMGW); evaluation of costs (ACC); air quality impact modelling (VSB); presentation on the management level in AQMS (VSB).</p> <p>A.T3.2 Creation and evaluation of scenarios – to identify the most efficient mix of measures and evaluate the impact – creation of various scenarios for FUAs and the TRITIA regarding costs and air quality impact based on the outcome of A.T3.1 (VSB, UNIZA, GIG, IMGW, ACC, FUAs); health risk and benefits (VSB); evaluation of social and economic impacts (ACC); definition of potential funds (ACC, VSB); presentation in AQMS (VSB).</p> <p>A.T3.3 Creation of strategies for Air Quality management – to establish the most efficient scenarios and create the respective strategies – appropriate scenarios for air pollution reduction in FUAs and the TRITIA based on evaluation done within A.T3.2 (VSB, ACC); suggestion of legislative measures for air pollution control on the levels of states, regions and FUAs (ACC). Strategies will build up on previous strategies (e.g. strategies created within TAB).</p> <p>The strategies will be created and implemented in cooperation with target municipality partners (FUAs) by steering groups, assembled from FUAs together with local and regional platforms (specified in WPC).</p>				

**Project outputs**

Please describe in more detail the outputs of the project that will be the outcome of the activities carried out in this work package. Explain which activities will be taken to achieve an output.

Each output should be linked to a programme output indicator (please ensure that it has the same measurement unit).

In case of investment specification, the investment as such is to be defined as output and linked to the category "investment" as included in the list of output indicators.

Output title		Please provide a brief description of the project output	Programme output indicator to which the output will contribute	Quantification / target	Delivery date
Output O.T3.1	Common strategy of Air quality management for the TRITIA region	Common strategy, addressing identified air quality problems in TRITIA region and proposing concrete measures. The strategy will contain technical, legislative and other suggestions with a strong focus on common approach and international cooperation among individual parts of TRITIA region in Czech Republic, Slovakia and Poland. Action plan and implementation documents will be part of the strategy. The strategy will build on previous strategies (e.g. TAB outputs) and develop them further.	S.O.3.3 - Number of strategies and action plans developed and/or implemented for the improvement of environmental quality in functional urban areas	1,00	05.2020
Output O.T3.2	Specific air quality strategies for target FUAs	Individual strategies for 5 target FUAs in TRITIA region (Ostrava, Opava, Rybnik, Opole, Žilina). Each strategy addresses specific problems of Air Quality. These strategies will be applicable at other regions with same type of air quality problems in whole Central Europe region. Action plan and implementation documents will be part of the strategies. Strategies will build on previous strategies (e.g. TAB outputs) and develop them further.	S.O.3.3 - Number of strategies and action plans developed and/or implemented for the improvement of environmental quality in functional urban areas	5,00	05.2020

**Target groups**

Who will use the outputs of this work package or the investment?	<ul style="list-style-type: none"> <li>• Local public authority</li> <li>• Regional public authority</li> <li>• National public authority</li> <li>• Sectoral agency</li> <li>• Higher education and research</li> </ul>
How will you involve those target groups (and other stakeholders) in the development of the outputs of this work package or the implementation of the investment?	Target groups identified above will be involved in the development of the outputs through meetings and discussions of regional platform to fulfil their needs in the field of Air Quality policies and strategies. Interest groups including NGOs and sectoral agencies as an outputs' non-users will be also a part of this process.

<b>Sustainability and transferability of work package outputs (not applicable for investment specification)</b>	
<p><b><u>Sustainability (institutional, financial and political)</u></b> How will the work package outputs be further used by project partners once the project has ended? Please describe concrete measures (including e.g. institutional structures, financial resources, policy improvements etc.) taken during and after project implementation to ensure the sustainability of the project outputs. If relevant, please explain who will be responsible and/or the owner of the outputs.</p>	<p>Bodies involved in the project (5 FUAs, EGTC TRITIA with all 4 regions as associated partners) declared that they will use project outputs by letters of intent. Thus the strategies will be further used within their own activities in the field of air quality management with transregional and transnational cooperation. Possibility of implementation in other municipalities and regions will be secured by creation of Strategy Implementation Manual for public bodies outside the project partnership.</p>
<p><b><u>Transferability (linked to the WP Communication)</u></b> Which work package outputs will be transferred to which additional target audiences during project lifetime and beyond? Why are these outputs the most relevant ones to be transferred? Please describe the additional target audiences (e.g. other organisations/regions/countries outside of the current partnership) and ensure links to the strategy of the communication work package.</p>	<p>Other TRITIA cities will learn about the added value of the developed strategies during the final conference. The air pollution in TRITIA region is caused by different air pollution sources, e.g. heavy industry, transport or domestic boilers. Suggested measurements are connected to specific problems that can cause air pollution. Therefore as long as other regions will be able to identify their source of air quality problem, the created strategy will be applicable for them as well.</p>

<b>Activity A.T3.1</b>	<b>Activity title Particular measures suggestions</b>	<b>Start date 05.2018</b>	<b>End date 05.2019</b>	<b>Indicative budget 286.589,55</b>
<b>Deliverables for activity A.T3.1</b>				
<b>Deliverable D.T3.1.1</b>	<b>Deliverable title</b> Proposal of possible measures to improve air quality	<b>Description of deliverable</b> The list of possible measures to improve the air quality in FUAs and the TRITIA region will be created in cooperation with external experts in the various fields, affecting the air quality and representatives of Large Enterprises and local authorities.	<b>Delivery month</b> 10.2018	<b>Quantification/target</b> 1,00
<b>Deliverable D.T3.1.2</b>	<b>Deliverable title</b> Air pollution model of respective measures	<b>Description of deliverable</b> Impact of the proposed measures on the air quality will be modelled to assess their environmental effectiveness. Base for the final selection of measures and creation of scenarios.	<b>Delivery month</b> 02.2019	<b>Quantification/target</b> 1,00
<b>Deliverable D.T3.1.3</b>	<b>Deliverable title</b> Measures cost analysis	<b>Description of deliverable</b> Cost of the proposed measures will be analyzed to assess their economic effectivity and sustainability. Base for the final selection of measures and creation of scenarios.	<b>Delivery month</b> 03.2019	<b>Quantification/target</b> 1,00



<b>Deliverable D.T3.1.4</b>	<i>Deliverable title</i> The case measures database	<i>Description of deliverable</i> Database of possible measures for improving the air quality, including costs and air quality impact evaluation. Part of AQMS on the management level. Input for A.T3.2.	<i>Delivery month</i> 05.2019	<i>Quantification/target</i> 1,00
<b>Activity A.T3.2</b>	<i>Activity title</i> <b>Creation and evaluation of scenarios</b>	<i>Start date</i> <b>06.2018</b>	<i>End date</i> <b>11.2019</b>	<i>Indicative budget</i> <b>155.082,32</b>
<b>Deliverables for activity A.T3.2</b>				
<b>Deliverable D.T3.2.1</b>	<i>Deliverable title</i> Scenarios database	<i>Description of deliverable</i> Based on the case measure database the respective scenarios for air quality improvement in concrete FUA and the TRITIA region will be proposed. Each scenario represents the combinations of most efficient measure regarding costs and air quality impact.	<i>Delivery month</i> 11.2019	<i>Quantification/target</i> 1,00
<b>Deliverable D.T3.2.2</b>	<i>Deliverable title</i> Complete Evaluation of Scenarios Report	<i>Description of deliverable</i> Document, which will summarize environmental, social and economic impacts of suggested scenarios. Will be implemented to AQMS.	<i>Delivery month</i> 11.2019	<i>Quantification/target</i> 1,00
<b>Activity A.T3.3</b>	<i>Activity title</i> <b>Creation of strategies for Air Quality management</b>	<i>Start date</i> <b>06.2019</b>	<i>End date</i> <b>05.2020</b>	<i>Indicative budget</i> <b>262.827,32</b>
<b>Deliverables for activity A.T3.3</b>				
<b>Deliverable D.T3.3.1</b>	<i>Deliverable title</i> Executive summary on Air Quality Strategies	<i>Description of deliverable</i> Executive summary on created Air Quality Strategies for the decision makers in the Central Europe region. The summary will give the basic information and will include a description of links to previous strategies (e.g. TAB outputs).	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 6,00
<b>Deliverable D.T3.3.2</b>	<i>Deliverable title</i> Proposal of Legislative Changes	<i>Description of deliverable</i> Proposal of Legislative Changes in connection to possibility to positively affect the air pollution. Proposal will be created for all 3 countries in target area – Czech republic, Slovakia and Poland.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 3,00

<b>Deliverable D.T3.3.3</b>	<i>Deliverable title</i> Strategy implementation manual	<i>Description of deliverable</i> In the cooperation with project partnership cities, the manual about how to create and implement similar strategies in other municipalities and regions in Central Europe area will be created, to ensure the portability and sustainability of project outputs	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 1,00
<b>Deliverable D.T3.3.4</b>	<i>Deliverable title</i> Municipality feedback report	<i>Description of deliverable</i> To secure the sustainability of the WP outputs, an expert panel to verify the strategies will be realized. It will be assembled with a representatives of municipalities. Municipalities will also sign a memorandum of cooperation after strategies approval.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 1,00
<b>Deliverable D.T3.3.5</b>	<i>Deliverable title</i> Strategy Action and Implementation plan for Partnership Municipalities	<i>Description of deliverable</i> Strategy Action and Implementation plan will be created for each partner municipality (Ostrava, Opava, Opole, Rybnik, Zilina). It will contain strategy implementation process plan a methods and indicators for evaluation of air pollution tools effectivity.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 5,00
<b>Deliverable D.T3.3.6</b>	<i>Deliverable title</i> Strategy Implementation report	<i>Description of deliverable</i> Report on how the created strategies were implemented during the project lifetime in partnership cities (Ostrava, Opava, Opole, Rybnik, Zilina). Information about how the municipalities adopted the startegies will be the main part of reports.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 5,00

Type: Communication

WP Nr	WP title	WP start date (month)	WP end date (month)	WP budget
C	Communication	06.2017	05.2020	391.654,92
<b>Partner</b>				
<b>WP responsible partner</b>	University of Zilina			
<b>Partner's involvement</b>				
1	VŠB - Technical University of Ostrava, LP, VSB			
2	ACCENDO - Centre for Science and Research, Institute, PP, ACCENDO			
3	Central Mining Institute, PP, GIG			
4	European grouping of territorial cooperation TRITIA, Ltd., PP, TRITIA			
5	Institute of Meteorology and Water Management - National Research Institute, PP, IMWM-NRI			
6	University of Zilina, PP, UNIZA			
7	City of Rybnik, PP, Rybnik			
8	City of Opava, PP, Opava			
9	The City of Zilina, PP, ZA			
10	City of Opole, PP, Opole			
11	City of Ostrava, PP, OVA			
<b>Summary description and objectives of the work package (including activities and deliverables) and how partners will be involved.</b>				
<p>The aim of WP communication is to support promotion and sustainability of the key project outputs. Leader will be ACC and all the project partners will participate. General structure of work and specific responsibilities will be defined as a Communication strategy and an Annual communication work plan in Project Handbook.</p> <p>The whole project communication will follow 3 principles: Inform, Involve, Inspire with Impact. Informing and involvement from the project very first beginning together with appropriate communication manners will ensure inspired audience contributing to the common project impact. Every identified target group (TG) will be handled in this way and the communication objectives: awareness raising and knowledge increase, attitude influence and behaviour change will be reached in regards to the particular project outputs. Public authorities, the end users of the most project outputs, will play important role. 2 platforms actively participating in thematic WPs: Local Platform (FUAs' level, represented by cities- PP) and Regional Platform (represented by authorities of 4 TRITIA regions) will be supporting also communication activities. In preselected meetings of local platform large enterprises (LE) will be involved and representatives of other TRITIA cities invited to its final workshop. Representatives of national public authorities, interest groups including NGOs and sectoral agencies (SA) will be invited to preselected meetings of regional platform.</p> <p>Information on project progress, tools and achievements will be disseminated through the variety of means: website, direct mailings, social media, video, press releases, monograph and atlas, participation on events like International Earth day/Sky Day. In each project country Healthy Air Info Day (HAID) will be organised especially for students and in general for citizens. All the means dedicated to the general public (GP) will have in common the "How can I contribute to Healthier Air" line.</p>				

<b>Project key outputs for communication (choose up to five outputs)</b>	<b>Communication objectives</b> <i>What can communication do to increase the sustainability of the selected output? Please choose at least one of the communication objective(s)</i>	<b>Approach/Tactics</b> <i>Briefly summarise your approach to reaching the communication objective: To which target audiences will the selected key output be transferred? Which communication tactic(s) will you use?</i>
O.T1.1	Raise awareness and increase knowledge	As the primary target groups (TG) of the database are FUAs and regions, it will be created in cooperation with local and regional platform (including LE, SA) and will provide them comprehensive state-of-the-art data. Besides this direct involvement of TG, further means like direct mailings to all TRITIA cities, preselected civil associations and NGOs will be used. The data from database of interest for GP (especially health risks associated with air pollution) will be promoted in appropriate way on project web page, during HAID, events like International Earth day/Sky Day. Short video spot about the airship collecting the data will be recorded and incorporated into the project video.

O.T1.1	Influence attitude and behaviour	TRITIA population will be mapped within T1 (demographic data, emissions from domestic boilers, epidemiologic studies, health risks analysis, etc.). Coming out from these data, the eco-friendly living concept "How Can I Contribute to the Healthier Air" will be developed. It will be focused not only on domestic boilers, but will have a broader scope. The GP will acquire information on its possible contributions to the healthier air through the usage of certain transport modes, heating systems, fuels etc. Attractive storytelling principles are going to be applied. Animated characters will accompany the different GP age groups through this topic, encouraging them to become the carriers of change.
O.T2.1	Raise awareness and increase knowledge	Evidence based policy requires appropriate inputs for effective decision process. AQMS will be introduced as a tool supporting strategic long-term decision making in air quality management and as a tool providing necessary inputs. End users will be local and regional authorities who will be engaged in the project implementation. National public authorities, sectoral agencies, NGOs, LE will be reached via local and regional platform. The dissemination means towards end users outside the consortium and platforms will be direct mailings to the cities from TRITIA region, participation of project partners in pre-selected conferences for municipalities etc. AQMS will be described and transferrable anywhere in Central Europe.
O.T2.1	Influence attitude and behaviour	The carriers of change will be local and regional platform. During their meetings, the AQMS prototype will be reviewed and later implemented in pilot cities. After awareness raising and knowledge increase activities on the AQMS towards external municipalities (outside the consortium), efforts will be made to get the tool included into their air quality management. The used tactic will be a short and interactive training session held within the final platforms' workshop. Smooth tool adaptability should be supported also by its user friendliness.
O.T3.1	Influence attitude and behaviour	The most important TG for common strategy are TRITIA regions. They will be involved in strategy preparation through the regional platform (including SA, NGOs, and national authorities). The common work in the platform should lead to the mind-set change and following behaviour change of public authorities regarding to the complex air management topic, which is needed to be ACTIVELY solved on multinational (not just national) level. The added value of this approach should be better communication between countries in the future, suggestions of legislative measures for air pollution control on the levels of regions and states. Added value will be further presented to non-Tritia regions of participating countries during the final conference.
O.T3.2	Raise awareness and increase knowledge	Local platform (FUAs- project partners) will work on the strategies and action plans creation. Large enterprises will be engaged in this process as well. As other Tritia cities will be not regular members of platform (in opposite to the membership of regions in regional platform), communication objective will be just awareness raising. Local authorities outside the consortium will learn about the added value of specific air quality strategy- improved decision-making process on the FUAs level, more effective financing of particular suggested measurements during the final platforms workshop to which they will be invited. Developed strategies can be used as an practical example for further cities.

<b>Activity A.C.1</b>	<b>Activity title Start-up activities including communication strategy and website</b>	<b>Start date 06.2017</b>	<b>End date 05.2020</b>	<b>Indicative budget €3.166,92</b>
<b>Deliverables for activity A.C.1</b>				

<b>Deliverable D.C.1.1</b>	<i>Deliverable title</i> Communication strategy	<i>Description of deliverable</i> Strategy (part of Project Handbook) including also two-way communication principles will present in more details communication s dedicated to target groups including public bodies together with objectives, approaches to reach them and the budget.	<i>Delivery month</i> 08.2017	<i>Quantification/target</i> 1,00
<b>Deliverable D.C.1.2</b>	<i>Deliverable title</i> Annual communication work plan	<i>Description of deliverable</i> Described will be communication activities planned for the upcoming year together with communication channels used in particular countries. Applied will be exact quantifications on dates, events, promotion ways, budget lines etc. Part of Project Handbook.	<i>Delivery month</i> 08.2019	<i>Quantification/target</i> 3,00
<b>Deliverable D.C.1.3</b>	<i>Deliverable title</i> Progress communication report	<i>Description of deliverable</i> Summary (factual, financial) of the Communication performed within the previous half year reporting period. Review of the ratio: set goals vs. achieved goals. Efficiency evaluation of the used communication tools.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 6,00
<b>Deliverable D.C.1.4</b>	<i>Deliverable title</i> Project website with regular updates	<i>Description of deliverable</i> Webpage will be implemented and regularly updated on the Interreg programme website due to the project progress. Its traffic will be continuously monitored. Available will be also hyperlinks to the PWS and AQMS tools.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 1,00
<b>Deliverable D.C.1.5</b>	<i>Deliverable title</i> Project roll-ups	<i>Description of deliverable</i> Project roll-ups procured in the first reporting period for each country will be used for project promotion during events like Healthy Air Info Day, conferences, etc.	<i>Delivery month</i> 08.2017	<i>Quantification/target</i> 3,00
<b>Deliverable D.C.1.6</b>	<i>Deliverable title</i> Project leaflets	<i>Description of deliverable</i> Will be dedicated mainly to the general public and distributed through the municipality offices, NGOs. Especially interesting for the GP should be the used storytelling aspects within section "How Can I Contribute to the healthier Air".	<i>Delivery month</i> 05.2018	<i>Quantification/target</i> 2.000,00

<b>Activity A.C.2</b>	<b>Activity title</b> <b>Media relations</b>	<b>Start date</b> <b>07.2017</b>	<b>End date</b> <b>05.2020</b>	<b>Indicative budget</b> <b>6.327,00</b>
<b>Deliverables for activity A.C.2</b>				
<b>Deliverable D.C.2.1</b>	<b>Deliverable title</b> Press releases	<b>Description of deliverable</b> Non-paid press releases will be used to increase the project awareness and interest in air pollution topic among general public (GP). Information about project will be published in local/regional media of each participating country each year.	<b>Delivery month</b> 05.2020	<b>Quantification/target</b> 12,00
<b>Activity A.C.3</b>	<b>Activity title</b> <b>Publications</b>	<b>Start date</b> <b>01.2019</b>	<b>End date</b> <b>04.2020</b>	<b>Indicative budget</b> <b>67.375,00</b>
<b>Deliverables for activity A.C.3</b>				
<b>Deliverable D.C.3.1</b>	<b>Deliverable title</b> Monograph	<b>Description of deliverable</b> Based on T1 and T2 outcomes, considered as a book of reference dedicated to the public authorities managing the air quality (and air quality professionals). Should involve recommendations applicable outside the TRITIA. 210 pcs printed (140 SK, 70 PL).	<b>Delivery month</b> 04.2020	<b>Quantification/target</b> 1,00
<b>Deliverable D.C.3.2</b>	<b>Deliverable title</b> Atlas	<b>Description of deliverable</b> Popular-educational publication dedicated to the part of general public willing to increase its knowledge in air quality protection. It will consist of air pollutions maps of the FUAs including comprehensible commentary. 180 pcs printed (120 CZ, 60 PL)	<b>Delivery month</b> 04.2020	<b>Quantification/target</b> 1,00
<b>Activity A.C.4</b>	<b>Activity title</b> <b>Public events</b>	<b>Start date</b> <b>06.2017</b>	<b>End date</b> <b>05.2020</b>	<b>Indicative budget</b> <b>108.442,00</b>
<b>Deliverables for activity A.C.4</b>				
<b>Deliverable D.C.4.1</b>	<b>Deliverable title</b> Reports on Healthy Air Info Day (HAID)	<b>Description of deliverable</b> 2 HAID (1 for GP, 1 for students) will be organised in each country. Reports will enlist the Nr. of people reached, the tactics used (interactive show & games within „How Can I contribute...?“), means explaining the air pollution impact on health).	<b>Delivery month</b> 05.2019	<b>Quantification/target</b> 6,00
<b>Activity A.C.5</b>	<b>Activity title</b> <b>Targeted events</b>	<b>Start date</b> <b>06.2017</b>	<b>End date</b> <b>05.2020</b>	<b>Indicative budget</b> <b>104.230,00</b>
<b>Deliverables for activity A.C.5</b>				

<b>Deliverable D.C.5.2</b>	<i>Deliverable title</i> Report on Final conference including final workshop of local and regional platform	<i>Description of deliverable</i> Introduction of the project primary to municipalities and regions. Report on Nr. of attendees, establishment of local and regional platform with their initial workshops (focus: real issues in air quality planning, levels: FUAs and regions) will be provided	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 1,00
<b>Deliverable D.C.5.3</b>	<i>Deliverable title</i> Documentation on Particip. in conferences with TG: municipalities and air pollution professionals	<i>Description of deliverable</i> Will enlist all events (at least 6) where project will be presented (locations, Nr. of people reached). CURRENTLY PRE-SELECTED CONFERENCES: Air protection in government management, City environmental conference, Atmosphere without borders, Air protection	<i>Delivery month</i> 10.2019	<i>Quantification/target</i> 1,00
<b>Deliverable D.C.5.4</b>	<i>Deliverable title</i> Documentation on Participation in events with target group: GP	<i>Description of deliverable</i> Documentation describing events (at least 6) attended by the consortium will be presented (location, Nr. of people reached, means). The concept „How can I contribute to...“ will be used. CURRENTLY PRE-SELECTED EVENTS: International Earth Day, Sky Day.	<i>Delivery month</i> 10.2019	<i>Quantification/target</i> 1,00
<b>Deliverable D.C.5.5</b>	<i>Deliverable title</i> Report on Kick-off conference including local platform workshop & regional platform workshop	<i>Description of deliverable</i> Introduction of the project primary to municipalities and regions. Report on Nr. of attendees, establishment of local and regional platform with their initial workshops (focus: real issues in air quality planning, levels: FUAs and regions) will be provided	<i>Delivery month</i> 11.2017	<i>Quantification/target</i> 1,00
<b>Activity A.C.6</b>	<i>Activity title</i> <b>Digital activities including social media and multimedia</b>	<i>Start date</i> <b>06.2017</b>	<i>End date</i> <b>05.2020</b>	<i>Indicative budget</i> <b>29.480,00</b>
<b>Deliverables for activity A.C.6</b>				
<b>Deliverable D.C.6.1</b>	<i>Deliverable title</i> Posts on social media of each project partner (Facebook, LinkedIn, event. others) & direct mailings	<i>Description of deliverable</i> Posts on Facebook, LinkedIn will introduce the project to the wider general audience. Direct mailings will be dedicated to the municipalities, NGOs involved in environment and human health protection.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 1,00

<b>Deliverable D.C.6.2</b>	<i>Deliverable title</i> Video	<i>Description of deliverable</i> •short video introducing the air pollution topic and project •published on Youtube and in local TVs; • shared with the pre-selected high schools and primary schools; • concept „How can I contribute to healthier Air included“	<i>Delivery month</i> 07.2018	<i>Quantification/target</i> 1,00
<b>Deliverable D.C.6.3</b>	<i>Deliverable title</i> Direct-mailing Report	<i>Description of deliverable</i> Through the impelmentation of project, regional and local public bodies will be informed about the project and ongoing outputs and changes via mailing system. Each 6 months, there will be a report created about this activity and public bodies feedback.	<i>Delivery month</i> 05.2020	<i>Quantification/target</i> 6,00
<b>Activity A.C.7</b>	<i>Activity title</i> <b>Promotional materials</b>	<i>Start date</i> <b>06.2017</b>	<i>End date</i> <b>10.2017</b>	<i>Indicative budget</i> <b>12.634,00</b>
<b>Deliverables for activity A.C.7</b>				
<b>Deliverable D.C.7.1</b>	<i>Deliverable title</i> Promotional items	<i>Description of deliverable</i> Particular items promoting the project and Interreg Central Europe programme as pens, notebooks, etc. will be bought. All the items will be branded respecting the ICE guidelines.	<i>Delivery month</i> 06.2017	<i>Quantification/target</i> 1,00



## D.2 Target groups

<u>Target groups</u>	<i>Please further specify the target groups (e.g., ministry, university, chamber of commerce etc.) - see examples in annex IV of the application manual (classification of target groups)</i>	<u>Target value</u> <i>Please indicate the size of the target group the project aims to actively involve.</i>
Local public authority	Consortium's cities will create a local platform, others will be invited to final conference. Local public authorities from Central Europe will be informed about the project outputs and possibility to use them, together with strategy implementation manual.	80,00
Regional public authority	Moravian-Silesian Region, Zilina Region, Silesian Voivodeship and Opole Voivodeship will be actively involved in project through regional platform. Other regional public authorities will be involved through conference and other communication channels.	15,00
National public authority	Representatives of ministries of environment and of rural/regional development of Central Europe Countries have been informed about the project preparation and will be involved through the regional platform to support the strategies' development.	6,00
Interest groups including NGOs	In each country NGOs/civil associations will be identified. They will be involved through the platforms, will provide support with the project awareness raising towards GP (direct mailings, cooperation on events).	15,00
General public	General public (GP) will be informed during the whole project lifetime starting with T1 (current air pollution state of art, analysis of health risks, atlas), till becoming the end user of PWS tool (O.T2.2).	20.000,00
Sectoral agency	Approached SA: Slovak Environmental Agency (SR), Regional Fund for Environmental Protection and Water Management in Katowice and in Opole (PL), Regional Energy Agency of Moravian-Silesian Region, and Czech Environmental Information Agency (CR).	5,00
Higher education and research	To the regional universities: University of Ostrava, Opole University, University of Silesia in Katowice etc., information on project and especially HAID will be disseminated.	15,00

## D.3 Periods

<b>Period number</b>	<b>Start date</b>	<b>End date</b>	<b>Reporting date</b>
0	01.05.2017	01.06.2017	31.12.2019
1	01.06.2017	30.11.2017	30.01.2018
2	01.12.2017	31.05.2018	31.07.2018
3	01.06.2018	30.11.2018	30.01.2019
4	01.12.2018	31.05.2019	31.07.2019
5	01.06.2019	30.11.2019	30.01.2020
6	01.12.2019	31.05.2020	31.08.2020

## SECTION E - Partner budget

### E.1.1 Partner list

<b>Partner number</b>	1
<b>Name of partner organisation</b>	Vysoká škola báňská – Technická univerzita Ostrava
<b>Country</b>	CZ
<b>Abbreviation</b>	VSB
<b>Partner role</b>	I.P.

### E.1.2 Budget flat rates

<b>Budget flat rates</b>	Yes	
<b>Flat rate staff costs</b>	No	20,00
<b>Flat rate office and administrative expenditure</b>	Yes	15,00

### E.1.3 Partner budget overview

#### E.1.3.a Partner budget overview - budget lines/ per work package

<b>Budget line</b>	<b>Specification</b>	<b>WP P</b>	<b>WP M</b>	<b>WP T1</b>	<b>WP T2</b>	<b>WP T3</b>	<b>WP C</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	173.220,00	173.170,00	202.176,00	178.182,00	53.016,00	<b>779.764,00</b>
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	25.983,00	25.975,50	30.326,40	26.727,30	7.952,40	<b>116.964,60</b>
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	5.850,00	3.500,00	0,00	2.500,00	3.000,00	<b>14.850,00</b>
<b>BL4 External exp. and services</b>	D.T2.1.1, D.T2.2.1 external IT services (programme web interface to AQMS)	0,00	0,00	0,00	3.500,00	0,00	0,00	<b>3.500,00</b>

D.T1.3.1 statistical data, D.T1.3.2 geographic data, D.T1.3.3 meteorological data (25 wind roses), D.T1.3.4 traffic data, D.T1.3.5 data on domestic boilers, D.T1.3.6 data on industrial air pollution sources - all in areas of interest in CR	0,00	0,00	0,00	0,00	30.000,00	0,00	0,00	30.000,00
D.C.3.2 translation of the Atlas to PL from CZ with EN summary, D.C.5.4 scientific papers translation, D.C.5.2 language corrections of the Atlas (CZ)	0,00	0,00	0,00	0,00	0,00	0,00	5.000,00	5.000,00
D.C.3.2 Issuing of atlas include printing 180 pc (120 pc in CZ and 60 in PL), D.C.1.5.1 roll-up banner, D.C.5.3 printed materials for workshops and publicity	0,00	0,00	0,00	0,00	0,00	0,00	16.250,00	16.250,00
D.C.5.3 - Services related to the organisation and implementation of events or meeting - workshops for project team approx. 20 persons; meetings o working groups, catering, project meetings, target group meeting	0,00	0,00	0,00	0,00	0,00	0,00	8.000,00	8.000,00

	D.C.5.4 - Participation in events - approx. 10 national and regional conferences à 2 person per conference	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	3.000,00	3.000,00
	Lump Sum for preparation costs	6.750,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	6.750,00	6.750,00
<b>Total BL4 External expertise and services costs</b>		6.750,00	0,00	30.000,00	3.500,00	0,00	0,00	0,00	32.250,00	72.500,00	72.500,00
<b>BLS Equipment</b>	D.C.5.4, D.C.4.2 Laboratory equipment for educational public events (Healthy Air Info Day, Kids' day, Earth Day, Sky day) - gases, chemicals, personal protective devices, fluids, etc.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.500,00	1.500,00	1.500,00
	D.T1.1.1., D.T1.2.1-6, D.T1.3.1-4, D.T1.4.5-Office equipment-comm on office expenditure needed for the work of project team - connecting components for technical equipment of the project team (PC components, 1 hard disk and connected peripherals)	0,00	0,00	300,00	0,00	0,00	0,00	0,00	0,00	300,00	300,00

D.T2.1.1, D.T2.2.1 - Office equipment - common office expenditure needed for the work of project team - connecting components for technical equipment of the project team (PC components, hard disk and connected peripherals).	0,00	0,00	0,00	750,00	0,00	0,00	0,00	750,00	0,00	0,00	750,00
D.T3.1.2, D.T3.3.1, D.T3.4.1 - Office equipment - common office expenditure needed for the work of project team - connecting components for technical equipment of the project team (PC components, hard disk and connected peripherals).	0,00	0,00	0,00	0,00	0,00	0,00	450,00	0,00	450,00	0,00	450,00
D.M.4.1 - Office equipment - computers and computer components, monitors as well as common office expenditure needed for the work of project management.	0,00	1.250,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.250,00

	D.C.3.2.4.1.2.5.3, S.4.7.1 - Office equipment - common office expenditures needed for the work on the publication, presentation of the project, printing publicity materials, leaflets as.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.200,00	1.200,00
<b>Total BL5 Equipment expenditure</b>		0,00	1.250,00	300,00	750,00	450,00	2.700,00	5.450,00				
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		<b>6.750,00</b>	<b>206.303,00</b>	<b>232.945,50</b>	<b>236.752,40</b>	<b>207.859,30</b>	<b>98.918,40</b>	<b>989.528,60</b>				

E.1.3.b Partner budget overview - budget line/ per period

<b>Budget line</b>	<b>Specification</b>	<b>Period 0</b>	<b>Period 1</b>	<b>Period 2</b>	<b>Period 3</b>	<b>Period 4</b>	<b>Period 5</b>	<b>Period 6</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	92.311,00	117.618,00	147.651,00	147.177,00	147.977,00	127.030,00	<b>779.764,00</b>
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	13.846,65	17.642,70	22.147,65	22.076,55	22.196,55	19.054,50	<b>116.964,60</b>
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	3.950,00	1.950,00	2.950,00	2.450,00	1.950,00	1.600,00	<b>14.850,00</b>
<b>BL4 External exp. and services</b>	D.T2.1.1, D.T2.2.1 external IT services (programme web interface to AQMS)	0,00	0,00	0,00	3.500,00	0,00	0,00	0,00	<b>3.500,00</b>

D.T1.3.1 statistical data.	0,00	30.000,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	30.000,00
D.T1.3.2 geographic data, D.T1.3.3 meteorological data (25 wind roses), D.T1.3.4 traffic data, D.T1.3.5 data on domestic boilers, D.T1.3.6 data on industrial air pollution sources - all in areas of interest in CR	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
D.C.3.2 translation of the Atlas to PL from CZ with EN summary, D.C.5.4 scientific papers translation, D.C.5.2 language corrections of the Atlas (CZ)	0,00	500,00	800,00	500,00	1.200,00	1.500,00	500,00	1.200,00	1.500,00	5.000,00
D.C.3.2 Issuing of atlas include printing 180 pc (120 pc in CZ and 60 in PL), D.C.1.5 1 roll-up banner, D.C.5.3 printed materials for workshops and publicity	0,00	1.000,00	1.000,00	1.000,00	1.000,00	1.000,00	1.000,00	1.000,00	1.000,00	16.250,00

	D.C.5.3 - Services related to the organisation and implementation of events or meetings - workshops for project team approx. 20 persons; meetings o working groups, catering, project meetings, target group meeting	0,00	1.200,00	1.200,00	1.200,00	1.400,00	1.400,00	1.400,00	1.600,00	8.000,00
	D.C.5.4 - Participation in events - approx. 10 national and regional conferences á 2 person per conference	0,00	500,00	500,00	500,00	500,00	500,00	500,00	500,00	3.000,00
	Lump Sum for preparation costs	6.750,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	6.750,00
<b>Total BL4 External expertise and services costs</b>		6.750,00	33.200,00	3.500,00	6.700,00	4.100,00	4.400,00	13.850,00	72.500,00	
<b>BLS Equipment</b>	D.C.5.4, D.C.4.2 Laboratory equipment for educational public events (Healthy Air Info Day, Kids' day, Earth Day, Sky day) - gases, chemicals, personal protective devices, fluids, etc.	0,00	0,00	0,00	0,00	500,00	500,00	500,00	500,00	1.500,00



	D.T1.1.1., D.T1.2.1-6, D.T1.3.1-4, D.T1.4.5-Office equipment-com mon office expenditure needed for the work of project team .	0,00				200,00	100,00	0,00	0,00	0,00	0,00	0,00	300,00
	D.T2.1.1, D.T2.2.1 - Office equipment - common office expenditure needed for the work of project team .	0,00				0,00	100,00	250,00	150,00	250,00	250,00	0,00	750,00

	D.T3.1.2, D.T3.3.1, D.T3.4.1 - Office equipment - common office expenditure needed for the work of project team -	0,00	0,00	0,00	150,00	0,00	100,00	200,00	450,00
	connecting components for technical equipment of the project team (PC components, har d disk and connected peripherals).								
	D.M.4.1 - Office equipment - computers and computer components, monitors as well as common office expenditure needed for the work of project management.	0,00	200,00	100,00	200,00	100,00	250,00	400,00	1.250,00
	D.C.3.2.4.1,2,5.3, 5.4.7.1 - Office equipment - common office expenditures needed for the work on the publication, presentation of the project, printing publicity materials, leaflets as.	0,00	100,00	100,00	250,00	100,00	250,00	400,00	1.200,00
	<b>Total BLS Equipment expenditure</b>	0,00	500,00	400,00	850,00	850,00	1.350,00	1.500,00	<b>5.450,00</b>

<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		6.750,00	143.807,65	141.110,70	180.298,65	176.653,55	177.873,55	163.034,50	989.528,60			

E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
Period 0	6.750,00	0,00	0,00	0,00	0,00	0,00	6.750,00
Period 1	0,00	34.350,50	100.780,00	0,00	0,00	8.677,15	143.807,65
Period 2	0,00	34.250,50	67.297,70	30.585,35	0,00	8.977,15	141.110,70
Period 3	0,00	34.350,50	64.867,80	66.752,75	5.500,45	8.827,15	180.298,65
Period 4	0,00	34.250,50	0,00	69.657,15	62.668,75	10.077,15	176.653,55
Period 5	0,00	34.400,50	0,00	69.757,15	63.188,75	10.527,15	177.873,55
Period 6	0,00	34.700,50	0,00	0,00	76.501,35	51.832,65	163.034,50
<b>TOTAL</b>	<b>6.750,00</b>	<b>206.303,00</b>	<b>232.945,50</b>	<b>236.752,40</b>	<b>207.859,30</b>	<b>98.918,40</b>	<b>989.528,60</b>

E.1.4 Partner co-financing

E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
<b>ERDF co-financing</b>	841.099,31	85,00
<b>Partner co-financing</b>	148.429,29	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	989.528,60	

E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Vysoká škola báňská – Technická univerzita Ostrava	public	100,00 %	148.429,29
<b>Sub-total public co-financing</b>		100,00 %	148.429,29
<b>Sub-total automatic public co-financing</b>		0,00 %	0,00
<b>Sub-total private co-financing</b>		0,00 %	0,00
<b>TOTAL partner co-financing</b>		100 %	148.429,29
<b>Partner co-financing (target value)</b>			148.429,29
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			989.528,60

### E.1.1 Partner

Partner number	2
Name of partner organisation	ACCENDO - Centrum pro vědu a výzkum, z.ú.
Country	CZ
Abbreviation	ACCENDO
Partner role	PP

### E.1.2 Budget flat rates

Budget flat rates	Yes	
Flat rate staff costs	No	20,00
Flat rate office and administrative expenditure	Yes	15,00

### E.1.3 Partner budget overview

#### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	29.945,00	143.096,80	0,00	206.359,00	4.072,70	383.473,50
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	4.491,75	21.464,52	0,00	30.953,85	610,90	57.521,02
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	3.000,00	5.000,00	0,00	14.000,00	2.000,00	24.000,00
<b>BL4 External exp. and services</b>	Lump sum for preparation costs	6.750,00	0,00	0,00	0,00	0,00	0,00	6.750,00

	D.T.1.1.2; D.T.1.1.4 - Expertise in epidemiology area and law in area of air quality - 2 external experts as planned, external experts will assess the impact of the proposed by our actions on improving the the quality of life of the population of TRITIA region. The cost of the expertise was assess on the base on our knowledge of current prices of similar services.	0,00	0,00	3.000,00	0,00	0,00	0,00	3.000,00
	D.T.1.1.3; D.T.1.2.1; D.T.1.2.2 - preparation of data for creating of measures databases - 2 data preparation	0,00	0,00	10.000,00	0,00	0,00	0,00	10.000,00
	D.T.3.3.1: Translation of strategy development reports and outputs (strategies) - 1 report and 6 strategies translated to English, Slovak and Polish language (draft and final versions)	0,00	0,00	0,00	0,00	5.000,00	0,00	5.000,00

	D.T.3.3.1: Graphic work and printing of outputs (development of 6 strategies) for target FUAS in different language mutations. Final graphic processing to finalize the project outputs (strategies).	0,00	0,00	0,00	0,00	0,00	0,00	0,00	5.000,00	0,00	5.000,00
	D.T.3.3.1: Services related to the organization and implementation of events or meeting of interested stakeholders - rent of place, catering, interpretation.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	3.271,00	0,00	3.271,00
	D.T.3.3.1, D.T.3.3.2: Travel and accommodation for external experts, chairpersons of meetings and service providers, in connection to expert pannel realized for validation of project outputs.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	700,00	0,00	700,00
	D.C.4.1: Travel and accomodation for external experts, chairpersons of meetings and service providers for the Healthy Air Info Day.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	600,00	600,00

	<p>D.C.4.1: Organizing of the Healthy Air Infoday. Promotion of air pollution topic and AIR TRTIA project in a relaxed/funny way. Providing to the students and general public information on: air quality, pollution sources, the impact of air pollution on human health. Incorporated concept "How can I contribute to the Healthier Air". Sharing of information on air quality to expand awareness about air pollution and its harmful effects.</p>	0,00	0,00	0,00	0,00	0,00	2.340,00	2.340,00
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	<p><b>D.C.5.4.</b>  Participation in events - approx. 2 national and regional conferences á 2 person per conference. Promotion of project AIR TRITIA within conferences. Information about the project in the form of presentations to the scientific, professional and educational articles (ensured sustainability of the deliverable). Emphasis will be placed on air quality within AIR TRITIA project, current state of air quality, changes in air quality due to some restructuring measures (changes) in the examined area, identification of potential sources and causes of air pollution in functional urban areas, reduction possibilities of air pollution in the extremely exposed areas of the territory.</p>	0,00	0,00	0,00	0,00	0,00	800,00	800,00	<b>Total BL4  External  expertise and  services costs</b>	6.750,00	0,00	13.000,00	0,00	13.971,00	3.740,00	37.461,00
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<b>BLS Equipment</b>	D.T.1.1.3, D.T.1.2.1 - Software for spatial analysis - 1 software (ArcView 10.X). Software needed for data processing within the current state analysis.	0,00	0,00	3.950,00	0,00	0,00	0,00	0,00	0,00	0,00	3.950,00
<b>Total BLS Equipment expenditure</b>		0,00	0,00	3.950,00	0,00	0,00	0,00	0,00	0,00	0,00	3.950,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		6.750,00	37.436,75	186.511,32	0,00	265.283,85	10.423,60	506.405,52			

E.1.3.b Partner budget overview - budget line/ per period

<b>Budget line</b>	<b>Specification</b>	<b>Period 0</b>	<b>Period 1</b>	<b>Period 2</b>	<b>Period 3</b>	<b>Period 4</b>	<b>Period 5</b>	<b>Period 6</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	73.218,00	73.219,00	65.384,80	57.437,50	57.437,20	56.777,00	383.473,50
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	10.982,70	10.982,85	9.807,72	8.615,62	8.615,58	8.516,55	57.521,02
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	3.300,00	3.300,00	3.800,00	3.800,00	4.900,00	4.900,00	24.000,00
<b>BL4 External exp. and services</b>	Lump sum for preparation costs	6.750,00	0,00	0,00	0,00	0,00	0,00	0,00	6.750,00

D.T.1.1.2; D.T.1.1.4 - Expertise in epidemiology area and law in quality - 2 external experts, as planned, external experts will assess the impact of the proposed by our actions on improving the the quality of life of the population of TRNA region. The cost of the expertise was assess on the base on our knowledge of current prices of similar services.	0,00	1.500,00	1.500,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	3.000,00
D.T.1.1.3; D.T.1.2.1.; D.T.1.2.2 - preparation of data for creating of measures databases - 2 data preparation	0,00	5.000,00	5.000,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	10.000,00
D.T.3.3.1: Translation of strategy development reports and outputs (strategies) - 1 report and 6 strategies translated to English, Slovak and Polish language (draft and final versions)	0,00	0,00	0,00	1.000,00	1.000,00	1.000,00	1.000,00	1.000,00	1.000,00	2.000,00	5.000,00	5.000,00

D.T.3.3.1: Graphic work and printing of outputs (development of 6 strategies) for target FUAS in different languages. Final graphic processing to finalize the project outputs (strategies).	0,00	0,00	0,00	300,00	700,00	2.000,00	2.000,00	5.000,00
D.T.3.3.1: Services related to the organization and implementation of events or meeting of Interested stakeholders - rent of place, catering, interpretation.	0,00	0,00	0,00	650,00	600,00	1.000,00	1.021,00	3.271,00
D.T.3.3.1. D.T.3.3.2.: Travel and accommodation for external experts, chairpersons of meetings and service providers, in connection to expert panel realized for validation of project outputs.	0,00	0,00	0,00	100,00	200,00	200,00	200,00	700,00

	D.C.4.1: Travel and accomodation for external experts, chairpersons of meetings and service providers for the Healthy Air Info Day.	0,00	200,00	0,00	0,00	0,00	0,00	200,00	0,00	200,00	200,00	600,00
	D.C.4.1: Organizing of the Healthy Air Infoday. Promotion of air pollution topic and AIR TRITIA project in a relaxed/funny way. Providing to the students and general public information on: air quality, pollution sources, the impact of air pollution on human health. Incorporated concept "How can I contribute to the Healthier Air". Sharing of information on air quality to expand awareness about air pollution and its harmful effects.	0,00	0,00	0,00	0,00	1.170,00	0,00	0,00	0,00	1.170,00	0,00	2.340,00

	<p>D.C.5.4- Participation in events - aprox. 2 national and regional conferences á 2 person per conference. Promotion of project AIR TRITIA within conferences. Information about the project in the form of presentations to the scientific, professional and educational articles (ensured sustainability of the deliverable) - Emphasis will be placed on air quality within AIR TRITIA project, current state of air quality, changes in air quality due to some restructuring measures (changes) in the examined area, identification of potential sources and causes of air pollution in functional urban areas, reduction possibilities of air pollution in the extremely exposed areas of the territory.</p>	0,00	0,00	0,00	400,00	0,00	0,00	400,00	800,00
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<b>Total BL4 External expertise and services costs</b>		6.750,00	6.700,00	7.670,00	2.450,00	3.870,00	4.200,00	5.821,00	<b>37.461,00</b>
D.T.1.1.3, D.T.1.2.1 - Software for spatial analysis - 1 software (ArcView 10.x). Software needed for data processing within the current state analysis.	0,00	0,00	0,00	3.950,00	0,00	0,00	0,00	0,00	3.950,00
<b>Total BLS Equipment expenditure</b>	0,00	0,00	0,00	3.950,00	0,00	0,00	0,00	0,00	<b>3.950,00</b>
<b>BL6 Infrastructure and works expenditure</b>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>Net revenues expected</b>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>Total</b>	<b>6.750,00</b>	<b>94.200,70</b>	<b>99.121,85</b>	<b>81.442,52</b>	<b>73.723,12</b>	<b>75.152,78</b>	<b>76.014,55</b>	<b>506.405,52</b>	

E.1.3.c Partner budget overview - period/ per work package

<b>Period</b>	<b>WP P</b>	<b>WP M</b>	<b>WP T1</b>	<b>WP T2</b>	<b>WP T3</b>	<b>WP C</b>	<b>TOTAL</b>
<b>Period 0</b>	6.750,00	0,00	0,00	0,00	0,00	0,00	6.750,00
<b>Period 1</b>	0,00	6.240,80	86.711,25	0,00	0,00	1.248,65	94.200,70
<b>Period 2</b>	0,00	6.240,80	90.661,25	0,00	0,00	2.219,80	99.121,85
<b>Period 3</b>	0,00	6.240,80	9.138,82	0,00	64.565,95	1.496,95	81.442,52
<b>Period 4</b>	0,00	6.240,80	0,00	0,00	65.015,95	2.466,37	73.723,12
<b>Period 5</b>	0,00	6.240,80	0,00	0,00	67.715,95	1.196,03	75.152,78
<b>Period 6</b>	0,00	6.232,75	0,00	0,00	67.986,00	1.795,80	76.014,55
<b>TOTAL</b>	<b>6.750,00</b>	<b>37.436,75</b>	<b>186.511,32</b>	<b>0,00</b>	<b>265.283,85</b>	<b>10.423,60</b>	<b>506.405,52</b>

### E.1.4 Partner co-financing

#### E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
<b>ERDF co-financing</b>	430.444,69	85,00
<b>Partner co-financing</b>	75.960,83	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	506.405,52	

#### E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
ACCENDO - Centrum pro vědu a výzkum, z.ú.	private	100,00 %	75.960,83
<b>Sub-total public co-financing</b>		0,00 %	0,00
<b>Sub-total automatic public co-financing</b>		0,00 %	0,00
<b>Sub-total private co-financing</b>		100,00 %	75.960,83
<b>TOTAL partner co-financing</b>		100 %	75.960,83
<b>Partner co-financing (target value)</b>			75.960,83
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			430.444,69

#### E.1.1 Partner

<b>Partner number</b>	3
<b>Name of partner organisation</b>	Główny Instytut Górnictwa
<b>Country</b>	PL
<b>Abbreviation</b>	GIG
<b>Partner role</b>	PP

#### E.1.2 Budget flat rates

<b>Budget flat rates</b>	Yes
<b>Flat rate staff costs</b>	No
<b>Flat rate office and administrative expenditure</b>	Yes

#### E.1.3 Partner budget overview

##### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	6.816,60	56.566,29	41.620,39	20.028,64	46.863,90	171.895,82

<b>BL2 Office and admin.</b>	0,00	1.022,46	8.484,92	6.243,05	3.004,28	7.029,54	25.784,25
<b>BL3 Travel and accom.</b>	0,00	1.382,56	14.792,90	0,00	3.096,50	6.194,81	25.466,77
<b>BL4 External exp. and services</b>	0,00	0,00	3.851,66	0,00	0,00	0,00	3.851,66
D.T1.2.6.- Emission data processing - data for the spatial database containing industrial sources of air pollution - 1 emission data processing. Specific data needed for the assessment of pollution emission are not available for free in Poland and it must be bought within the project.							
D.T1.4.4 - Translation of the progress reports (ca. 2*20 pages) and work package final report (ca. 40 pages). The cost is estimated on the base of current market price.	0,00	0,00	1.377,24	0,00	0,00	0,00	1.377,24
D.T1.4.4 - Organization of two sampling points for the measurement of natural and chosen artificial radioisotopes; services needed to start up of the measurement campaign like electric power supply, securing of the area and so on.	0,00	0,00	2.658,58	0,00	0,00	0,00	2.658,58



	D.T1.4.4. - Calibration and maintenance of the particle spectrometer - 1 calibration, interim maintenance. Calibration will secure the highest possible accuracy of analytical activities within the AIR TRITIA project. The cost of this service was estimated by the manufacturer of the spectrometer.	0,00	7.965,41	0,00	0,00	0,00	0,00	0,00	7.965,41
	D.T2.2.2. - Translation of the work package final report . The cost is estimated on the base of current market price.	0,00	0,00	0,00	688,62	0,00	0,00	0,00	688,62
	D.T3.3.1. - Translation of the progress reports and work package final report related to the external expertise (3*15 pages). The cost is estimated on the base of current market price.	0,00	0,00	0,00	0,00	688,62	0,00	0,00	688,62

	D.T3.1.1 - Expertise for the evaluation of developed measures impacts - 1 external expert. As planned, external experts will assess the impact of the proposed by our actions on improving the the quality of life of the population of the TRITIA region. The cost of the expertise was assess on the base on our knowledge of current prices of similar services.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	7.655,69	0,00	7.655,69
	D.C.1.3 - Organizing of the promotion meetings in Rybnik, Katowice and Opole - 3x renting a place, catering	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	2.958,58	2.958,58	2.958,58
	D.C.5.1 - Organizing of the Kick-off conference in Katowice, rent, simultaneous translation, catering - 1 conference, approximately 100 participants;	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	2.958,58	2.958,58	2.958,58
	D.C.4.2: - External services in connection to Healthy Air Info Day - renting a rooms; renting an equipment, catering, approx. 100 participants	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.137,92	1.137,92	1.137,92

	D.C.5.3. Translation of promotion materials	0,00	0,00	0,00	0,00	0,00	0,00	0,00	688,62	688,62	688,62	
	D.C.1.3. - Meeting with individual governments in Opole and Katowice, catering - 2 meetings	0,00	0,00	0,00	0,00	0,00	0,00	0,00	182,07	182,07	182,07	
<b>Total BL4 External expertise and services costs</b>		0,00	0,00	0,00	15.852,89	688,62	8.344,31	7.925,77	<b>32.811,59</b>			
	D.T1.2.6 - Petrianov filter for air pollution measurements - 1 filter purchase. Necessary part of the instrument that is required to perform scheduled analyzes. A fast-consuming material that is needed to buy it for project implementation. It will be used for measurements within the AIR TRITIA project.	0,00	0,00	1.024,19	0,00	0,00	0,00	0,00	1.024,19	1.024,19	1.024,19	
<b>BL5 Equipment</b>		0,00	0,00	1.024,19	0,00	0,00	0,00	0,00	1.024,19	1.024,19	1.024,19	
	D.M. 4.1. - Office equipment - 1 computer and computer components , 1 monitor.	0,00	1.137,92	0,00	0,00	0,00	0,00	0,00	1.137,92	1.137,92	1.137,92	
<b>Total BL5 Equipment expenditure</b>		0,00	1.137,92	1.024,19	0,00	0,00	0,00	0,00	<b>2.162,11</b>			
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	

<b>Total</b>	<b>0,00</b>	<b>10.359,54</b>	<b>96.721,19</b>	<b>48.552,06</b>	<b>34.473,73</b>	<b>68.014,02</b>	<b>258.120,54</b>
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E.1.3.b Partner budget overview - budget line/ per period

<b>Budget line</b>	<b>Specification</b>	<b>Period 0</b>	<b>Period 1</b>	<b>Period 2</b>	<b>Period 3</b>	<b>Period 4</b>	<b>Period 5</b>	<b>Period 6</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	40.040,73	30.544,73	17.828,24	13.953,91	55.574,30	13.953,91	171.895,82
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	6.006,09	4.581,69	2.674,21	2.093,07	8.336,12	2.093,07	25.784,25
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	7.130,74	7.950,04	5.865,37	303,25	1.874,29	2.343,08	25.466,77
<b>BL4 External exp. and services</b>	D.T1.2.6. - Emission data processing - data for the spatial database containing industrial sources od air pollution - 1 emission data processing. Specific data needed for the assessment of pollution emission are not available for free in Poland and it must be bought within the project.	0,00	3.851,66	0,00	0,00	0,00	0,00	0,00	3.851,66
	D.T1.4.4. - Translation of the progress reports (ca. 2*20 pages) and work package final report (ca. 40 pages). The cost is estimated on the base of current market price.	0,00	344,31	344,31	688,62	0,00	0,00	0,00	1.377,24

	D.T1.4.4. - Organization of two sampling points for the measurement of natural and chosen artificial radioisotopes: services needed to start up of the measurement campaign like electric power supply, securing of the area and so on.	0,00	2.658,58	0,00	0,00	0,00	0,00	0,00	2.658,58
	D.T1.4.4. - Calibration and maintenance of the particle spectrometer - 1 interim maintenance. Calibration will secure the highest possible accuracy of analytical activities within the AIR TRITIA project. The cost of this service was estimated by the manufacturer of the spectrometer.	0,00	7.965,41	0,00	0,00	0,00	0,00	0,00	7.965,41
	D.T2.2.2 - Translation of the work package final report. The cost is estimated on the base of current market price.	0,00	0,00	0,00	0,00	688,62	0,00	0,00	688,62

	D.T3.3.1 - Translation of the progress reports and work package final report related to the external expertise (3*15 pages). The cost is estimated on the base of the current market price.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	344,31	0,00	344,31	688,62
	D.T3.1.1 - Expertise for the evaluation of developed measures impacts - 1 external expert. As planned, external experts will assess the impact of the proposed by our actions on improving the life of the population of TRNIA region. The cost of the expertise was assess on the base on our knowledge of current prices of similar services.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	4.000,00	3.655,69	7.655,69
	D.C.1.3 - Organizing of the promotion meetings in Rybnik, Katowice and Opole - 3x renting a place, catering	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	986,19	1.972,39	2.958,58

D.C.5.1. - Organizing of the Kick-off conference in Katowice, rent, simultaneous translation, catering - 1 conference, approximately 100 participants;	0,00	2.958,58	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	2.958,58
D.C.4.2. - External services in connection to Healthy Air Info Day - renting a rooms; renting an equipment, catering, approx. 100 participants	0,00	0,00	0,00	1.137,92	0,00	0,00	0,00	0,00	0,00	0,00	1.137,92
D.C.5.3. Translation of promotion materials	0,00	0,00	0,00	0,00	0,00	0,00	0,00	688,62	0,00	688,62	0,00
D.C.1.3. - Meeting with individual governments in Opole and Katowice, catering - 2 meetings	0,00	91,03	0,00	0,00	0,00	0,00	0,00	91,04	0,00	182,07	0,00
<b>Total BL4 External expertise and services costs</b>	0,00	17.869,57	344,31	1.826,54	344,31	5.674,81	6.752,05	32.811,59			

	D.T1.2.6 - Petrianov filter for air pollution measurements - 1 filter purchase. Necessary part of the instrument that is required to perform scheduled analyzes. A fast-consuming material that is needed to buy it for project implementation. It will be used for measurements within the AIR TRITIA project.	0,00	1.024,19	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.024,19
<b>BLS Equipment</b>											
	D.M. 4.1. - Office equipment - 1 computer and computer components , 1 monitor.	0,00	0,00	0,00	0,00	0,00	1.137,92	0,00	0,00	0,00	1.137,92
<b>Total BLS Equipment expenditure</b>		0,00	1.024,19	0,00	0,00	0,00	1.137,92	0,00	0,00	0,00	2.162,11
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		<b>0,00</b>	<b>72.071,32</b>	<b>43.420,77</b>	<b>28.194,36</b>	<b>17.832,46</b>	<b>71.459,52</b>	<b>25.142,11</b>	<b>258.120,54</b>		



E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
Period 0	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Period 1	0,00	1.609,76	58.429,71	0,00	0,00	12.031,85	72.071,32
Period 2	0,00	1.609,76	32.009,47	0,00	0,00	9.801,54	43.420,77
Period 3	0,00	1.391,27	6.282,01	0,00	5.758,23	14.762,85	28.194,36
Period 4	0,00	2.747,68	0,00	0,00	6.102,54	8.982,24	17.832,46
Period 5	0,00	1.391,31	0,00	48.552,06	11.306,48	10.209,67	71.459,52
Period 6	0,00	1.609,76	0,00	0,00	11.306,48	12.225,87	25.142,11
<b>TOTAL</b>	<b>0,00</b>	<b>10.359,54</b>	<b>96.721,19</b>	<b>48.552,06</b>	<b>34.473,73</b>	<b>68.014,02</b>	<b>258.120,54</b>

E.1.4 Partner co-financing

E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
ERDF co-financing	219.402,45	85,00
Partner co-financing	38.718,09	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	<b>258.120,54</b>	

E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Główny Instytut Górnictwa	public	100,00 %	38.718,09
<b>Sub-total public co-financing</b>		<b>100,00 %</b>	<b>38.718,09</b>
<b>Sub-total automatic public co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>Sub-total private co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>TOTAL partner co-financing</b>		<b>100 %</b>	<b>38.718,09</b>
<b>Partner co-financing (target value)</b>			<b>38.718,09</b>
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			<b>258.120,54</b>

E.1.1 Partner

Partner number	4
Name of partner organisation	Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z ograniczoną odpowiedzialnością
Country	PL
Abbreviation	TRITIA
Partner role	PP

### E.1.2 Budget flat rates

Budget flat rates	Yes
Flat rate staff costs	No
Flat rate office and administrative expenditure	Yes
	20,00
	15,00

### E.1.3 Partner budget overview

#### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	5.184,00	0,00	9.920,00	9.600,00	7.680,00	<b>32.384,00</b>
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	777,60	0,00	1.488,00	1.440,00	1.152,00	<b>4.857,60</b>
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	1.080,00	0,00	600,00	800,00	1.600,00	<b>4.080,00</b>
<b>BL4 External exp. and services</b>	D.M.4.1 - Partner's meetings of internal team - catering, translator (every partner has 2 meetings/project).	0,00	500,00	0,00	0,00	0,00	0,00	500,00
	D.C.1.6 - Promotion material - leaflets 2000 pc x1 terms (printing, translation, graphics)	0,00	0,00	0,00	0,00	0,00	800,00	800,00
	D.C.5.1; D.C.5.2: Organization of Kick - off and Final Conference with workshop of local and regional platform	0,00	0,00	0,00	0,00	0,00	16.000,00	16.000,00
<b>Total BL4 External expertise and services costs</b>		0,00	500,00	0,00	0,00	0,00	16.800,00	<b>17.300,00</b>

<b>BL5 Equipment</b>	D.C.1.2.; D.C.1.3: Office equipment -1 notebook and accessories for the work of the project communication team	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.400,00	1.400,00
<b>Total BL5 Equipment expenditure</b>		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.400,00	1.400,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		<b>0,00</b>	<b>7.541,60</b>	<b>12.008,00</b>	<b>11.840,00</b>	<b>28.632,00</b>	<b>11.840,00</b>	<b>28.632,00</b>	<b>60.021,60</b>			

E.1.3.b Partner budget overview - budget line/ per period

<b>Budget line</b>	<b>Specification</b>	<b>Period 0</b>	<b>Period 1</b>	<b>Period 2</b>	<b>Period 3</b>	<b>Period 4</b>	<b>Period 5</b>	<b>Period 6</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	1.824,00	2.784,00	4.224,00	4.224,00	14.144,00	5.184,00	32.384,00
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	273,60	417,60	633,60	633,60	2.121,60	777,60	4.857,60
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	480,00	280,00	480,00	480,00	1.280,00	1.080,00	4.080,00
<b>BL4 External exp. and services</b>	D.M.4.1 - Partner's meetings of internal team - catering, translator (every partner has 2 meetings/projec t).	0,00	0,00	250,00	0,00	0,00	250,00	0,00	500,00
	D.C.1.6 - Promotion material - leaflets 2000 pc x1 terms (printing, translation, graphics)	0,00	0,00	800,00	0,00	0,00	0,00	0,00	800,00

	D.C.5.1; D.C.5.2: Organization of Kick -off and Final Conference with workshop of local and regional platform.	0,00	8.000,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	8.000,00	16.000,00
<b>Total BL4 External expertise and services costs</b>		0,00	8.000,00	0,00	0,00	0,00	0,00	0,00	250,00	8.000,00	17.300,00	
<b>BL5 Equipment</b>	D.C.1.2; D.C.1.3: Office equipment -1 notebook and accessories for the work of the project communication team	0,00	0,00	1.400,00	0,00	0,00	0,00	0,00	0,00	0,00	1.400,00	
<b>Total BL5 Equipment expenditure</b>		0,00	0,00	1.400,00	0,00	0,00	0,00	0,00	0,00	0,00	1.400,00	
<b>BL6 Infrastructure and works expenditure</b>	BL6 infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
<b>Total</b>		<b>0,00</b>	<b>10.577,60</b>	<b>5.931,60</b>	<b>5.337,60</b>	<b>5.337,60</b>	<b>5.337,60</b>	<b>5.337,60</b>	<b>17.795,60</b>	<b>15.041,60</b>	<b>60.021,60</b>	

E.1.3.c Partner budget overview - period/ per work package

<b>Period</b>	<b>WP P</b>	<b>WP M</b>	<b>WP T1</b>	<b>WP T2</b>	<b>WP T3</b>	<b>WP C</b>	<b>TOTAL</b>
<b>Period 0</b>	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Period 1</b>	0,00	1.173,60	0,00	0,00	0,00	9.404,00	10.577,60
<b>Period 2</b>	0,00	1.423,60	0,00	0,00	0,00	4.508,00	5.931,60
<b>Period 3</b>	0,00	1.173,60	0,00	0,00	2.960,00	1.204,00	5.337,60
<b>Period 4</b>	0,00	1.173,60	0,00	0,00	2.960,00	1.204,00	5.337,60
<b>Period 5</b>	0,00	1.423,60	0,00	12.008,00	2.960,00	1.404,00	17.795,60
<b>Period 6</b>	0,00	1.173,60	0,00	0,00	2.960,00	10.908,00	15.041,60
<b>TOTAL</b>	<b>0,00</b>	<b>7.541,60</b>	<b>0,00</b>	<b>12.008,00</b>	<b>11.840,00</b>	<b>28.632,00</b>	<b>60.021,60</b>

### E.1.4 Partner co-financing

#### E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
<b>ERDF co-financing</b>	51.018,36	85,00
<b>Partner co-financing</b>	9.003,24	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	60.021,60	

#### E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z ograniczoną odpowiedzialnością	public	100,00 %	9.003,24
<b>Sub-total public co-financing</b>		100,00 %	9.003,24
<b>Sub-total automatic public co-financing</b>		0,00 %	0,00
<b>Sub-total private co-financing</b>		0,00 %	0,00
<b>TOTAL partner co-financing</b>		100 %	9.003,24
<b>Partner co-financing (target value)</b>			9.003,24
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			60.021,60

### E.1.1 Partner

<b>Partner number</b>	5
<b>Name of partner organisation</b>	Instytut Meteorologii i Gospodarki Wodnej - Państwowy Instytut Badawczy
<b>Country</b>	PL
<b>Abbreviation</b>	IMWM-NRI
<b>Partner role</b>	PP

### E.1.2 Budget flat rates

<b>Budget flat rates</b>	Yes	
<b>Flat rate staff costs</b>	No	20,00
<b>Flat rate office and administrative expenditure</b>	Yes	15,00

### E.1.3 Partner budget overview

#### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	12.799,04	17.847,76	83.806,08	12.908,32	21.277,20	148.638,40

<b>BL2 Office and admin.</b>	0,00	1.919,85	2.677,15	12.570,88	1.936,23	3.191,58	22.295,69
<b>BL3 Travel and accom.</b>	0,00	682,74	455,17	227,60	927,96	7.376,94	9.670,41
<b>BL4 External exp. and services</b>	0,00	455,62	0,00	0,00	0,00	0,00	455,62
<p>D.M.4.1 - Cost for translation of project reports within the project management - approx 4 reports translated.  Translation of the progress management reports and final report with WPs.  The cost of this service was estimated on the base of current market price.</p>							

	<p>D.T2.2.1 - Execution of air quality model verification, which will be used for development of Prediction and Warning System (PWS, Output O.T2.2) - 1 verification. The model will be developed in framework the project. However, there is a need for some validity (verification) on independent data by experts (subcontracting). This requires the employment of specialized external companies. The cost was estimated on the base of current market price and the price of the service provided by another the project e.g.: INCA Central Europe, AIR SILESIA Interreg V-A CZ-PL 2007-2013.</p>	0,00	0,00	0,00	0,00	0,00	0,00	2.275,83
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	<p>D.T2.4.1 - Development of user web interface for the Prediction and Warning System (PWS). Output O.T2.2) - 1 user web interface. One of the most important goals of the project is the presentation of the air quality forecasting system on the websites. This requires the employment of specialized external IT companies (subcontracting). The costs were estimated on the basis of current process of such services.</p>	0,00	0,00	0,00	0,00	0,00	0,00	11.379,15		0,00	0,00	0,00	0,00	2.313,62	0,00	2.313,62	2.313,62
	<p>D.T3.2.1 - expertise in the field of air quality management economics to evaluate the impact of developed scenarios - 1 external expert</p>	0,00	0,00	0,00	0,00	0,00	0,00			0,00	0,00	0,00	0,00	2.313,62	0,00	2.313,62	2.313,62



	<p>D.13.2.1 -          Calibrating of          measuring          equipment for          measurements          needed for as          basis for scenarios          development - 1          calibration of          equipment.          IMGW-PIB in the          project provides          measurement          equipment in          Racibórz to          measure aerosols.          However, to be          able to function          properly, it is          necessary to          periodically          calibrate the          measuring devices          (APS, UFP,          DustTrack,          Nephelometer).          The cost of          calibration was          estimated on the          basis of market          recognition.          Calibration and          maintenance is an          essential element          for the proper          functioning of          measuring          devices, which is          linked to a          periodic review          (subcontracting).          The cost of this          service was          estimated on the          base on our          knowledge of          current price of          similar services.</p>	0,00	0,00	0,00	0,00	13.654,98	0,00	13.654,98
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	D.T3.2.1 - expertise in the field of air pollution and emissions to evaluate the air pollution impacts of developed scenarios - 1 external expert. This service is concerned with verifying the results of the application of the air pollution reduction scenarios developed within the project. This requires the employment of an environmental expert.	0,00	0,00	0,00	0,00	0,00	4.551,66	0,00	4.551,66
	D.C.3.1 - Cost of translating a shortcut research results for publication on the website - 2 translations	0,00	0,00	0,00	0,00	0,00	1.137,92	1.137,92	1.137,92
	D.C.4.2: - External services in connection to Healthy Air Info Day 2018 in Poland - renting a room; renting an equipment, catering.	0,00	0,00	0,00	0,00	0,00	1.137,92	1.137,92	1.137,92

	D.C.1.3: Meeting with interested stakeholders for the project communication purpose - 1 meeting (catering, interpreter). Organization of partners meeting. The cost was estimated on the base of current market price.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	227,58	227,58
	D.T1.3.3; D.T1.3.4; D.T1.4.2; Cost for translation of project reports in connection to WPT1 - approx. 4 reports translated. Translation of the progress reports of work package. The cost of this service was estimated on the base of current market price. Approx. 300 EUR per deliverable.	0,00	0,00	910,33	0,00	0,00	0,00	0,00	0,00	910,33
	D.T2.2.1; D.T2.2.2: Cost for translation of project reports in connection to WPT2 - approx. 4 reports translated. Translation of the progress reports of work package. The cost of this service was estimated on the base of current market price. Approx. 450 EUR per deliverable.	0,00	0,00	0,00	0,00	0,00	910,33	0,00	0,00	910,33

	D.T3.1.1; D.T3.1.2; D.T3.1.3: Cost for translation of project reports in connection to WPT3 - approx. 3 reports translated. The cost of this service was estimated on the base of current market price. Approx. 150 EUR per deliverable.	0,00	0,00	0,00	0,00	0,00	0,00	455,17	0,00	455,17
<b>Total BL4 External expertise and services costs</b>		0,00	455,62	910,33	14.565,31	20.975,43	2.503,42	<b>39.410,11</b>		
	D.T3.2.1: Filter purchase for equipment measurements needed for as basis for scenarios development - 1 filter purchase. IMGW-PIB will carry out measurements of air pollution of fine fraction. This requires periodic replacement of the filters. Filters are necessary for measurements and cant be bought from other financial sources.	0,00	0,00	4.754,36	0,00	0,00	0,00	4.754,36	0,00	4.754,36
<b>BL5 Equipment</b>		0,00	0,00	4.754,36	0,00	0,00	0,00	<b>4.754,36</b>		
<b>Total BL5 Equipment expenditure</b>		0,00	0,00	4.754,36	0,00	0,00	0,00	<b>4.754,36</b>		
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>		
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>		
<b>Total</b>		<b>0,00</b>	<b>15.857,25</b>	<b>26.644,77</b>	<b>111.169,87</b>	<b>36.747,94</b>	<b>34.349,14</b>	<b>224.768,97</b>		

E.1.3.b Partner budget overview - budget line/ per period

Budget line	Specification	Period 0	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	13.677,04	34.628,56	31.718,26	29.865,50	29.865,50	8.883,54	148.638,40
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	2.051,55	5.194,27	4.757,72	4.479,81	4.479,81	1.332,53	22.295,69
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	505,25	3.200,55	1.311,48	718,27	3.175,56	759,30	9.670,41
<b>BL4 External exp. and services</b>	D.M.4.1 - Cost for translation of project reports within the project management - approx 4 reports translated. Translation of the progress management reports and final report with WPs. The cost of this service was estimated on the base of current market price.	0,00	0,00	0,00	0,00	0,00	0,00	455,62	455,62

	<p>D.T2.2.1 - Execution of air quality model verification, which will be used for development of Prediction and Warning System (PWS, Output O.T2.2) - 1 verification. The model will be developed in framework the project. However, there is a need for some validity (verification) on independent data by experts (subcontracting). This requires the employment of specialized external companies. The cost was estimated on the base of current market price and the service provided by another the project e.g.: INCA Central Europe, AIR SILESIA Interreg V-A CZ-PL 2007-2013.</p>	0,00	0,00	0,00	0,00	0,00	2.275,83	0,00	2.275,83
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	<p>D.T2.4.1 - Development of user web interface for the Prediction and Warning System (PWS, Output O.T2.2) - 1 user web interface. One of the most important goals of the project is the presentation of the air quality forecasting system on the websites. This requires the employment of specialized external IT companies (subcontracting). The costs were estimated on the basis of current process of such services.</p>	0,00	0,00	0,00	0,00	0,00	11.379,15	0,00	11.379,15
	<p>D.T3.2.1 - expertise in the field of air quality management economics to evaluate the impact of developed scenarios - 1 external expert.</p>	0,00	0,00	0,00	0,00	0,00	1.175,70	1.137,92	2.313,62

	<p>D.13.2.1 - Calibration of measuring equipment for measurements needed for as basis for scenarios development - 1 equipment. IMGW-PIB in the project provides measurement equipment in Racibórz to measure aerosols. However, to be able to function properly, it is necessary to periodically calibrate the measuring devices (APS, UFP, DustTrack, Nephelometer). The cost of calibration was estimated on the basis of market recognition. Calibration and maintenance is an essential element for the proper functioning of measuring devices, which is linked to a periodic review (subcontracting). The cost of this service was estimated on the base on our knowledge of current price of similar services.</p>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	13.654,98
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	D.T3.2.1 - expertise in the field of air pollution and emissions to evaluate the air pollution impacts of developed scenarios - 1 external expert. This service is concerned with verifying the results of the application of the air pollution reduction scenarios developed within the project. This requires the employment of an environmental expert.	0,00	0,00	0,00	0,00	0,00	4.551,66	0,00	4.551,66
	D.C.3.1. - Cost of translating a shortcut research results for publication on the website - 2 translations	0,00	0,00	0,00	0,00	0,00	379,31	758,61	1.137,92
	D.C.4.2. - External services in connection to Healthy Air Info Day 2018 in Poland - renting a rooms; renting an equipment, catering.	0,00	0,00	0,00	1.137,92	0,00	0,00	0,00	1.137,92

	D.C.1.3: Meeting with interested stakeholders for the project communication purpose - 1 meeting (catering, interpreter). Organization of partners meeting. The cost was estimated on the base of current market price.	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	227,58	227,58
	D.T1.3.3; D.T1.3.4; D.T1.4.2: Cost for translation of project reports in connection to WPT1 - approx. 4 reports translated. Translation of the progress reports of work package. The cost of this service was estimated on the base of current market price. Approx. 300 EUR per deliverable.	0,00	0,00	0,00	0,00	0,00	0,00	910,33	0,00	0,00	910,33

		0,00	0,00	227,58	0,00	227,58	0,00	227,58	0,00	0,00	455,17	910,33
D.T2.2.1; D.T2.2.2: Cost for translation of project reports in connection to WPT2 - approx. 4 reports translated. Translation of the progress reports of work package. The cost of this service was estimated on the base of current market price. Approx. 450 EUR per deliverable.		0,00	0,00	227,58	0,00	227,58	0,00	227,58	0,00	0,00	455,17	910,33
D.T3.1.1; D.T3.1.2; D.T3.1.3:Cost for translation of project reports in connection to WPT3 - approx. 3 reports translated. The cost of this service was estimated on the base of current market price. Approx. 150 EUR per deliverable.		0,00	0,00	0,00	113,80	113,79	0,00	227,58	0,00	0,00	455,17	
<b>Total BL4 External expertise and services costs</b>		0,00	0,00	227,58	14.906,70	1.251,70	19.761,65	3.262,48			39.410,11	

	D.T3.2.1: Filter purchase for equipment for measurements needed for as basis for scenarios development - 1 filter purchase. IMGW-PIB will carry out measurements of air pollution of fine fraction. This requires periodic replacement of the filters. Filters are necessary for measurements and cant be bought from other financial sources.	0,00	4.754,36	0,00	0,00	0,00	0,00	0,00	0,00	0,00	4.754,36
<b>BLS Equipment</b>		0,00	4.754,36	0,00	0,00	0,00	0,00	0,00	0,00	0,00	4.754,36
<b>Total BLS Equipment expenditure</b>		0,00	4.754,36	0,00	0,00	0,00	0,00	0,00	0,00	0,00	4.754,36
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		<b>0,00</b>	<b>20.988,20</b>	<b>43.250,96</b>	<b>52.694,16</b>	<b>36.315,28</b>	<b>57.282,52</b>	<b>14.237,85</b>	<b>224.768,97</b>	<b>224.768,97</b>	

E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
Period 0	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Period 1	0,00	2.567,13	13.951,48	0,00	0,00	4.469,59	20.988,20
Period 2	0,00	2.567,13	9.617,28	24.378,72	0,00	6.687,83	43.250,96
Period 3	0,00	2.567,13	2.165,68	24.151,14	17.952,36	5.857,85	52.694,16
Period 4	0,00	2.567,13	910,33	24.378,72	3.989,51	4.469,59	36.315,28
Period 5	0,00	2.567,13	0,00	37.806,12	9.600,89	7.308,38	57.282,52
Period 6	0,00	3.021,60	0,00	455,17	5.205,18	5.555,90	14.237,85
<b>TOTAL</b>	<b>0,00</b>	<b>15.857,25</b>	<b>26.644,77</b>	<b>111.169,87</b>	<b>36.747,94</b>	<b>34.349,14</b>	<b>224.768,97</b>

### E.1.4 Partner co-financing

#### E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
<b>ERDF co-financing</b>	191.053,62	85,00
<b>Partner co-financing</b>	33.715,35	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	224.768,97	

#### E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Institut Meteorologii i Gospodarki Wodnej – Państwowy Instytut Badawczy	public	100,00 %	33.715,35
<b>Sub-total public co-financing</b>		100,00 %	33.715,35
<b>Sub-total automatic public co-financing</b>		0,00 %	0,00
<b>Sub-total private co-financing</b>		0,00 %	0,00
<b>TOTAL partner co-financing</b>		100 %	33.715,35
<b>Partner co-financing (target value)</b>			33.715,35
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			224.768,97

#### E.1.1 Partner

<b>Partner number</b>	6
<b>Name of partner organisation</b>	Žilinská univerzita v Žiline
<b>Country</b>	SK
<b>Abbreviation</b>	UNIZA
<b>Partner role</b>	PP

#### E.1.2 Budget flat rates

<b>Budget flat rates</b>	Yes
<b>Flat rate staff costs</b>	No
<b>Flat rate office and administrative expenditure</b>	Yes
	20,00
	15,00

#### E.1.3 Partner budget overview

##### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	25.290,00	66.264,00	13.500,00	91.907,00	94.840,00	291.801,00

<b>BL2 Office and admin.</b>	0,00	3.793,50	9.939,59	2.025,00	13.786,04	14.226,00	<b>43.770,13</b>
<b>BL3 Travel and accom.</b>	0,00	3.400,00	2.000,00	300,00	1.343,20	6.748,00	<b>13.791,20</b>
<b>BL4 External exp. and services</b>	0,00	0,00	0,00	0,00	0,00	4.000,00	4.000,00
D.C.3.1-MONOGRAPH-translation of monography from Slovak to Polish and English summary							
D.C.3.1-MONOGRAPH-printing of 210 pcs of monography (140 SK, 70 PL, both with EN summary)	0,00	0,00	0,00	0,00	0,00	4.500,00	4.500,00
D.C.6.2 VIDEO- 1 video created and used in all project countries	0,00	0,00	0,00	0,00	0,00	3.500,00	3.500,00

	<p>D.C.4.1 HEALTHY AIR INFO DAY- 2 events including costs for catering, speakers, promotion, event premises fees. Promotion of air pollution topic and AIR TRITA project in a relaxed/funny way. Providing to the students and general public information on: air quality, pollution sources, the impact of air pollution on human health. Incorporated concept "How can I contribute to the Healthier Air". Sharing of information on air quality to expand awareness about air pollution and its harmful effects.</p>	0,00	0,00	0,00	0,00	0,00	6.000,00	6.000,00
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	<p>D.C.5.3 - Particip. in conferences with TG: municipalities and air pollution professionals. Promotion of project AIR TRITIA within conferences. Information about the project in the form of presentations to the scientific, professional and educational articles (ensured sustainability of the deliverable). Emphasis will be placed on air quality within AIR TRITIA project, current state of air quality, changes in air quality due to some restructuring measures (changes) in the examined area, identification of potential sources and causes of air pollution in functional urban areas, reduction possibilities of air pollution in the extremely exposed areas of the territory.</p>	0,00	0,00	0,00	0,00	0,00	2.900,00	2.900,00
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	<p>D.C.5.4 - Participation in events with target group: GP. Promotion of Project AIR TRITIA within conferences. Information about the project in the form of presentations to the scientific, professional and educational articles (ensured sustainability of the deliverable). Emphasis will be placed on air quality within AIR TRITIA project, current state of air quality, changes in air quality due to some restructuring measures (changes) in the examined area, identification of potential sources and causes of air pollution in functional urban areas, reduction possibilities of air pollution in the extremely exposed areas of the territory.</p>	0,00	0,00	0,00	0,00	0,00	750,00	750,00	
<p>D.C.7.1- PROMOTIONAL ITEMS- approx. 5 400 pcs of different kinds of promotional items (pens, notepads, cups, badges, etc.)</p>		0,00	0,00	0,00	0,00	0,00	6.000,00	6.000,00	

	<p>D.C.1.5 PROJECT ROLL-UPS- 1 roll-up per country (will be used during the project events to support the project promotion). Visual promotion of the project. Promotional items and project roll-ups will be used in the presentation of the project. AIR TRITIA general public and experts. They will be given basic information about the project, project partners and objectives of the project.</p>	0,00	0,00	0,00	0,00	0,00	1.000,00	1.000,00
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	<p>D.T1.4.2 - External calibration of analyzers - approx. 4 analyzers. External calibration is used to verify (error-free) correctness of operation and measurement analyzer (NOx, SO2, CO, O3). It is necessary to do at least 1 times per year. Calibration Laboratory</p> <p>Implementation of external calibration and ensure correct and adjust the correction coefficients. These actions are necessary for the proper operation of the analyzers and entry of correct data of air quality. Data of air quality will be further used to model air pollution, air quality management strategy, PWS.</p>	0,00	0,00	2.000,00	0,00	0,00	0,00	2.000,00
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	<p>D.T1.2.1 - Demographic data for models (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	300,00	0,00	0,00	0,00	300,00
	<p>D.T1.2.2 - Geographic data for models (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	5.000,00	0,00	0,00	0,00	5.000,00

	<p>D.T1.2.3 - Meteorological data (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	900,00	0,00	0,00	0,00	900,00
	<p>D.T1.2.4 - Traffic data for models (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	200,00	0,00	0,00	0,00	200,00

	<p>D.T1.2.5 - Data of domestic boilers (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	2.000,00	0,00	0,00	0,00	2.000,00
	<p>D.T1.2.6 - Data of industrial sources (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	3.000,00	0,00	0,00	0,00	3.000,00
	<p>Lump sum for preparation costs</p>	1.500,00	0,00	0,00	0,00	0,00	0,00	1.500,00

<b>Total BL4 External expertise and services costs</b>		1.500,00	0,00	13.400,00	0,00	0,00	0,00	28.650,00	43.550,00
<b>BL5 Equipment</b>	D.T1.4.2 - Camera for monitoring of field measurements of air pollution - 1 item. Camera will be use for the authentic record measurements of air quality in the area AIR TRITIA. Record should be primarily visual conditions during measurement (sunny, cloudy, rain, fog). These conditions relate to the dispersion of air pollutants. The outcome will also be a visual record of solving urban area (diversity of the terrain, area).	0,00	0,00	500,00	0,00	0,00	0,00	0,00	500,00

	<p>D.T1.4.2 - Laptop for analyzing of field measurements - 1 item, Monitors for evaluation of measured data - 2 items. Laptop is needed at work and measurements in the field. It will serve to check the measurement data of air pollution, ongoing evaluation of measured data. In the event of any discrepancies in the measurements, we can immediately eliminate the error (eg. no record of data, incorrect data concentration of pollutants ...). Laptop will be an integral part of the equipment used in the field. Monitors will be used for evaluation of large amounts of data, which is necessary to use a sufficient display area to view data from multiple monitoring stations and instruments.</p>	0,00	0,00	1.500,00	0,00	0,00	0,00	1.500,00
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	<p>D.T1.4.2 - Technical gas for verification: correct operation of analyzers - 3 items. Technical gases (NOx, SO2, CO) in cylinders are necessary for ongoing checks of the accuracy of measurement data. It controls the level of "zero" and "calibration gas" during the measurements in the field. These pollutants are limited and will be measured for the purpose of determining the actual state of air quality in the area AIR TRITIA. Next, the measured data serve to model air pollution, options strategies for air quality management, PWS.</p>	0,00	0,00	2.070,00	0,00	0,00	0,00	2.070,00			0,00	0,00	12.500,00	0,00	0,00	0,00	12.500,00
	<p>D.T1.4.2 - Depreciation of equipment used for measuring and analyzing of air pollution. Used devices in the project AIR TRITIA directly related to the detection of air quality, pollution analysis and evaluation of the physical or chemical properties of the pollutants.</p>	0,00	0,00	12.500,00	0,00	0,00	0,00	12.500,00			0,00	0,00	12.500,00	0,00	0,00	0,00	12.500,00

	D.C.1.3 - 1st Progress communication report- 1xlaptop for communication , 2 x monitors	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.500,00	1.500,00	1.500,00
<b>Total BL5 Equipment expenditure</b>		0,00	0,00	16.570,00	0,00	0,00	0,00	0,00	0,00	1.500,00	1.500,00	18.070,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		1.500,00	32.483,50	108.173,59	15.825,00	107.036,24	145.964,00	410.982,33				

E.1.3.b Partner budget overview - budget line/ per period

Budget line	Specification	Period 0	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	49.864,50	49.035,00	48.209,50	45.335,00	53.458,50	45.898,50	291.801,00
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	7.479,67	7.355,25	7.231,42	6.800,25	8.018,77	6.884,77	43.770,13
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	2.550,00	2.680,00	2.015,80	1.885,80	2.273,80	2.385,80	13.791,20
<b>BL4 External exp. and services</b>	D.C.3.1-MONOGRAPH- translation of monography from Slovak to Polish and English summary	0,00	0,00	0,00	0,00	0,00	0,00	4.000,00	4.000,00
	D.C.3.1-MONOGRAPH- printing of 210 pcs of monography (140 SK, 70 PL, both with EN summary)	0,00	0,00	0,00	0,00	0,00	0,00	4.500,00	4.500,00
	D.C.6.2 VIDEO-1 video created and used in all project countries	0,00	0,00	0,00	3.500,00	0,00	0,00	0,00	3.500,00

	<p>D.C.4.1 HEALTHY AIR INFO DAY-2 events including costs for catering, speakers, promotion, event, premises fees. Promotion of air pollution topic and AIR TRITIA project in a relaxed/funny way. Providing to the students and general public information on: air quality, pollution sources, the impact of air pollution on human health. Incorporated concept "How can I contribute to the Healthier Air". Sharing of information on air quality to expand awareness about air pollution and its harmful effects.</p>	0,00	0,00	0,00	3.000,00	0,00	3.000,00	0,00	6.000,00
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	<p>D.C.5.3 - Particip. in conferences with TG: municipalities and air pollution professionals. Promotion of Project AIR TRITIA within conferences. Information about the project in the form of presentations to the scientific, professional and educational articles (ensured sustainability of the deliverable) . Emphasis will be placed on air quality within AIR TRITIA project, current state of air quality, changes in air quality due to some restructuring measures (changes) in the examined area, identification of potential sources and causes of air pollution in functional urban areas, reduction possibilities of air pollution in the extremely exposed areas of the territory.</p>	0,00	0,00	500,00	600,00	650,00	500,00	650,00	2.900,00
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	<p>D.C.5.4- Participation in events with target group: GP. Promotion of project AIR TRITA within conferences. Information about the project in the form of presentations to the scientific, professional and educational articles (ensured sustainability of the deliverable) . Emphasis will be placed on air quality within AIR TRITA project, current state of air quality, changes due to some restructuring measures (changes) in the examined area, identification of potential sources and causes of air pollution in functional urban areas, reduction possibilities of air pollution in the extremely exposed areas of the territory.</p>	0,00	0,00	200,00	0,00	300,00	0,00	250,00	750,00
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		0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,000.00
D.C.7.1- PROMOTIONAL ITEMS- approx. 5 400 pcs of different kinds of promotional items (pens, notepads, cups, badges, etc.)		0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,000.00
D.C.1.5 PROJECT ROLL-UPS- 1 roll-up per country (will be used during the project events to support the project promotion). Visual promotion of the project. Promotional items and project roll-ups will be used in the presentation of the project AIR TRITIA general public and experts. They will be given basic information about the project, project partners and objectives of the project.		0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00

	<p>D.T1.4.2 - External calibration of analyzers - approx. 4 analyzers. External calibration is used to verify (error-free) correctness of operation and measurement analyzer (NOx, SO2, CO, O3). It is necessary to do at least 1 times per year. Calibration Laboratory implementation of external calibration and ensure correct and adjust the correction coefficients. These actions are necessary for the proper operation of the analyzers and entry of correct data of air quality. Data of air quality will be further used to model air pollution, air quality management strategy, PWS.</p>	0,00	0,00	2.000,00	0,00	0,00	0,00	0,00	2.000,00
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	<p>D.T1.2.1 - Demographic data for models (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	300,00
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	<p>D.T1.2.2 - Geographic data for models (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITTA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	5.000,00
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	<p>D.T1.2.3. Meteorological data (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	900,00	0,00	0,00	0,00	0,00	900,00
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	<p>D.T1.2.4- Traffic data for models (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRITIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	200,00
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	<p>D.T1.2.5 - Data of domestic boilers (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRINA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	2.000,00
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	<p>D.T1.2.6 - Data of industrial sources (1 database). Essential part of the model of air pollution. They serve as inputs for modeling air pollution in the project area AIR TRNIA and functional urban areas. These databases are the guarantee error-free model air pollution and the subsequent creation of different variants of strategies for air quality management in functional urban areas.</p>	0,00	0,00	3.000,00	0,00	0,00	0,00	0,00	3.000,00
	Lump sum for preparation costs	1.500,00	0,00	0,00	0,00	0,00	0,00	0,00	1.500,00
<b>Total BLA External expertise and services costs</b>		1.500,00	7.000,00	14.100,00	7.100,00	950,00	3.500,00	9.400,00	<b>43.550,00</b>

<p><b>BLS Equipment</b></p>	<p>D.T1.4.2 - Camera for monitoring of field measurements of air pollution - 1 item. Camera will be use for the authentic record measurements of air quality in the area AIR TRITIA. Record should be primarily visual conditions during measurement (sunny, cloudy, rain, fog). These conditions relate to the dispersion of air pollutants. The outcome will also be a visual record of solving urban area (diversity of the terrain, area).</p>	<p>0,00</p>	<p>0,00</p>	<p>500,00</p>	<p>0,00</p>	<p>0,00</p>	<p>0,00</p>	<p>0,00</p>	<p>500,00</p>
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	<p>D.T1.4.2 - Laptop for analyzing of field measurements - 1 item. Monitors for evaluation of measured data - 2 items. Laptop is needed at work and measurements in the field. It will serve to check the measurement data of air pollution, ongoing evaluation of measured data. In the event of any discrepancies in the measurements, we can immediately eliminate the error (eg. no record of data, incorrect data concentration of pollutants ...). Laptop will be an integral part of the equipment used in the field. Monitors will be used for evaluation of large amounts of data, which is necessary to use a sufficient display area to view data from multiple monitoring stations and instruments.</p>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	1.500,00
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	<p>D.T1.4.2 - Technical gas for verification correct operation of analyzers - 3 items. Technical gases (NOx, SO2, CO) in cylinders are necessary for ongoing checks of the accuracy of measurement data. It controls the level of "zero" and "calibration gas" during the measurements in the field. These pollutants are limited and will be measured for the purpose of determining the actual state of air quality in the area AIR TRIMA. Next, the measured data serve to model air pollution, options strategies for air quality management, PWS.</p>	0,00	0,00	0,00	0,00	0,00	0,00	0,00	2.070,00
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	D.T1.4.2 Depreciation of equipment used for measuring and analyzing of air pollution. Used devices in the project AIR TRITIA directly related to the detection of air quality, pollution analysis and evaluation of the physical or chemical properties of the pollutants.	0,00	8.180,00	4.320,00	0,00	0,00	0,00	0,00	0,00	0,00	12.500,00
	D.C.1.3 - 1st Progress communication report- 1 x laptop for communication , 2 x monitors	0,00	0,00	1.500,00	0,00	0,00	0,00	0,00	0,00	0,00	1.500,00
<b>Total BLS Equipment expenditure</b>		0,00	8.180,00	9.890,00	0,00	0,00	0,00	0,00	0,00	0,00	18.070,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		1.500,00	75.074,17	83.060,25	64.556,72	54.971,05	67.251,07	64.569,07			410.982,33

E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
Period 0	1.500,00	0,00	0,00	0,00	0,00	0,00	1.500,00
Period 1	0,00	5.397,25	45.116,92	0,00	0,00	24.560,00	75.074,17
Period 2	0,00	5.447,25	57.428,00	0,00	0,00	20.185,00	83.060,25
Period 3	0,00	5.447,25	5.628,67	0,00	27.199,80	26.281,00	64.556,72
Period 4	0,00	5.397,25	0,00	0,00	28.878,80	20.695,00	54.971,05
Period 5	0,00	5.397,25	0,00	15.825,00	22.120,82	23.908,00	67.251,07
Period 6	0,00	5.397,25	0,00	0,00	28.836,82	30.335,00	64.569,07
<b>TOTAL</b>	<b>1.500,00</b>	<b>32.483,50</b>	<b>108.173,59</b>	<b>15.825,00</b>	<b>107.036,24</b>	<b>145.964,00</b>	<b>410.982,33</b>

E.1.4 Partner co-financing

E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
ERDF co-financing	349.334,98	85,00
Partner co-financing	61.647,35	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	<b>410.982,33</b>	

E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Žilinská univerzita v Žiline	public	100,00 %	61.647,35
<b>Sub-total public co-financing</b>		<b>100,00 %</b>	<b>61.647,35</b>
<b>Sub-total automatic public co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>Sub-total private co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>TOTAL partner co-financing</b>		<b>100 %</b>	<b>61.647,35</b>
<b>Partner co-financing (target value)</b>			<b>61.647,35</b>
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			<b>410.982,33</b>

E.1.1 Partner

Partner number	7
Name of partner organisation	Miasto Rybnik
Country	PL
Abbreviation	Rybnik
Partner role	PP

### E.1.2 Budget flat rates

Budget flat rates	Yes	
Flat rate staff costs	No	20,00
Flat rate office and administrative expenditure	Yes	15,00

### E.1.3 Partner budget overview

#### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	0,00	5.074,48	5.074,48	5.074,48	0,00	15.223,44
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	0,00	761,16	761,16	761,16	0,00	2.283,48
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	1.944,08	0,00	0,00	0,00	549,00	2.493,08
<b>BL4 External expertise and services costs</b>	BL4 External expertise and services costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>BL5 Equipment expenditure</b>	BL5 Equipment expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		<b>0,00</b>	<b>1.944,08</b>	<b>5.835,64</b>	<b>5.835,64</b>	<b>5.835,64</b>	<b>549,00</b>	<b>20.000,00</b>

E.1.3.b Partner budget overview - budget line/ per period

Budget line	Specification	Period 0	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	2.537,24	2.537,24	2.537,24	2.537,24	2.537,24	2.537,24	15.223,44
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	380,58	380,58	380,58	380,58	380,58	380,58	2.283,48
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	549,00	423,00	73,08	423,00	73,00	952,00	2.493,08
<b>BL4 External expertise and services costs</b>	BL4 External expertise and services costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>BL5 Equipment expenditure</b>	BL5 Equipment expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		<b>0,00</b>	<b>3.466,82</b>	<b>3.340,82</b>	<b>2.990,90</b>	<b>3.340,82</b>	<b>2.990,82</b>	<b>3.869,82</b>	<b>20.000,00</b>

E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>Period 0</b>	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Period 1</b>	0,00	476,00	2.917,82	0,00	0,00	73,00	3.466,82
<b>Period 2</b>	0,00	423,00	2.917,82	0,00	0,00	0,00	3.340,82
<b>Period 3</b>	0,00	73,08	0,00	2.917,82	0,00	0,00	2.990,90
<b>Period 4</b>	0,00	423,00	0,00	2.917,82	0,00	0,00	3.340,82
<b>Period 5</b>	0,00	73,00	0,00	0,00	2.917,82	0,00	2.990,82
<b>Period 6</b>	0,00	476,00	0,00	0,00	2.917,82	476,00	3.869,82
<b>TOTAL</b>	<b>0,00</b>	<b>1.944,08</b>	<b>5.835,64</b>	<b>5.835,64</b>	<b>5.835,64</b>	<b>549,00</b>	<b>20.000,00</b>

E.1.4 Partner co-financing

E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
<b>ERDF co-financing</b>	17.000,00	85,00
<b>Partner co-financing</b>	3.000,00	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	20.000,00	

**E.1.4.b Origin of partner co-financing**

Source of co-financing	Legal status	% of total partner co-financing	Amount
Miasto Rybník	public	100,00 %	3.000,00
<b>Sub-total public co-financing</b>		100,00 %	3.000,00
<b>Sub-total automatic public co-financing</b>		0,00 %	0,00
<b>Sub-total private co-financing</b>		0,00 %	0,00
<b>TOTAL partner co-financing</b>		100 %	3.000,00
<b>Partner co-financing (target value)</b>			3.000,00
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			20.000,00

**E.1.1 Partner**

<b>Partner number</b>	8
<b>Name of partner organisation</b>	Statutární město Opava
<b>Country</b>	CZ
<b>Abbreviation</b>	Opava
<b>Partner role</b>	PP

**E.1.2 Budget flat rates**

<b>Budget flat rates</b>	Yes	
<b>Flat rate staff costs</b>	No	20,00
<b>Flat rate office and administrative expenditure</b>	Yes	15,00

### E.1.3 Partner budget overview

#### E.1.3.a Partner budget overview - budget line/ per work package

<b>Budget line</b>	<b>Specification</b>	<b>WP P</b>	<b>WP M</b>	<b>WP T1</b>	<b>WP T2</b>	<b>WP T3</b>	<b>WP C</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	0,00	3.000,00	2.800,00	8.800,00	0,00	<b>14.600,00</b>
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	0,00	450,00	420,00	1.320,00	0,00	<b>2.190,00</b>
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	750,00	150,00	0,00	200,00	700,00	<b>1.800,00</b>
<b>BL4 External expertise and services costs</b>	BL4 External expertise and services costs	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>BL5 Equipment</b>	D.T.2.1.1; D.T.2.2.1: Information panel for presenting of the actual measurements and information about the project - 2 pieces	0,00	0,00	0,00	10.000,00	0,00	0,00	<b>10.000,00</b>
<b>Total BL5 Equipment expenditure</b>		0,00	0,00	0,00	10.000,00	0,00	0,00	<b>10.000,00</b>
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>Total</b>		<b>0,00</b>	<b>750,00</b>	<b>3.600,00</b>	<b>13.220,00</b>	<b>10.320,00</b>	<b>700,00</b>	<b>28.590,00</b>

E.1.3.b Partner budget overview - budget line/ per period

<b>Budget line</b>	<b>Specification</b>	<b>Period 0</b>	<b>Period 1</b>	<b>Period 2</b>	<b>Period 3</b>	<b>Period 4</b>	<b>Period 5</b>	<b>Period 6</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	1.500,00	1.500,00	2.800,00	2.800,00	3.000,00	3.000,00	14.600,00
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	225,00	225,00	420,00	420,00	450,00	450,00	2.190,00
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	600,00	100,00	100,00	300,00	100,00	600,00	1.800,00
<b>BL4 External expertise and services costs</b>	BL4 External expertise and services costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>BLS Equipment</b>	D.T.2.1.1; D.T.2.2.1: Information panel for presenting of the actual measurements and information about the project - 2 pieces	0,00	0,00	0,00	10.000,00	0,00	0,00	0,00	10.000,00
<b>Total BLS Equipment expenditure</b>		0,00	0,00	0,00	10.000,00	0,00	0,00	0,00	10.000,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		<b>0,00</b>	<b>2.325,00</b>	<b>1.825,00</b>	<b>13.320,00</b>	<b>3.520,00</b>	<b>3.550,00</b>	<b>4.050,00</b>	<b>28.590,00</b>

E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
Period 0	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Period 1	0,00	150,00	1.875,00	0,00	0,00	300,00	2.325,00
Period 2	0,00	100,00	1.725,00	0,00	0,00	0,00	1.825,00
Period 3	0,00	100,00	0,00	11.610,00	1.610,00	0,00	13.320,00
Period 4	0,00	100,00	0,00	1.610,00	1.610,00	200,00	3.520,00
Period 5	0,00	100,00	0,00	0,00	3.450,00	0,00	3.550,00
Period 6	0,00	200,00	0,00	0,00	3.650,00	200,00	4.050,00
<b>TOTAL</b>	<b>0,00</b>	<b>750,00</b>	<b>3.600,00</b>	<b>13.220,00</b>	<b>10.320,00</b>	<b>700,00</b>	<b>28.590,00</b>

E.1.4 Partner co-financing

E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
ERDF co-financing	24.301,50	85,00
Partner co-financing	4.288,50	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	<b>28.590,00</b>	

E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Statutární město Opava	public	100,00 %	4.288,50
<b>Sub-total public co-financing</b>		<b>100,00 %</b>	<b>4.288,50</b>
<b>Sub-total automatic public co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>Sub-total private co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>TOTAL partner co-financing</b>		<b>100 %</b>	<b>4.288,50</b>
<b>Partner co-financing (target value)</b>			<b>4.288,50</b>
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			<b>28.590,00</b>

E.1.1 Partner

Partner number	9
Name of partner organisation	Mesto Žilina
Country	SK
Abbreviation	ZA
Partner role	PP



## E.1.2 Budget flat rates

Budget flat rates	Yes	
Flat rate staff costs	No	20,00
Flat rate office and administrative expenditure	Yes	15,00

## E.1.3 Partner budget overview

### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	0,00	3.000,00	2.800,00	8.800,00	0,00	14.600,00
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	0,00	450,00	420,00	1.320,00	0,00	2.190,00
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	750,00	150,00	0,00	200,00	700,00	1.800,00
<b>BL4 External expertise and services costs</b>	BL4 External expertise and services costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>BL5 Equipment</b>	D.T.2.1.1: D.T.2.2.1: Information panel for presenting of the actual measurements and information about the project - 2 pieces	0,00	0,00	0,00	10.000,00	0,00	0,00	10.000,00
<b>Total BL5 Equipment expenditure</b>		0,00	0,00	0,00	10.000,00	0,00	0,00	10.000,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		<b>0,00</b>	<b>750,00</b>	<b>3.600,00</b>	<b>13.220,00</b>	<b>10.320,00</b>	<b>700,00</b>	<b>28.590,00</b>

E.1.3.b Partner budget overview - budget line/ per period

<b>Budget line</b>	<b>Specification</b>	<b>Period 0</b>	<b>Period 1</b>	<b>Period 2</b>	<b>Period 3</b>	<b>Period 4</b>	<b>Period 5</b>	<b>Period 6</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	1.500,00	1.500,00	2.800,00	2.800,00	3.000,00	3.000,00	14.600,00
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	225,00	225,00	420,00	420,00	450,00	450,00	2.190,00
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	600,00	100,00	100,00	300,00	100,00	600,00	1.800,00
<b>BL4 External expertise and services costs</b>	BL4 External expertise and services costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	D.T.2.1.1; D.T.2.2.1: Information panel for presenting of the actual measurements and information about the project - 2 pieces								
<b>BL5 Equipment</b>		0,00	0,00	0,00	10.000,00	0,00	0,00	0,00	10.000,00
<b>Total BLS Equipment expenditure</b>		0,00	0,00	0,00	10.000,00	0,00	0,00	0,00	10.000,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		0,00	2.325,00	1.825,00	13.320,00	3.520,00	3.550,00	4.050,00	28.590,00

E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
Period 0	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Period 1	0,00	150,00	1.875,00	0,00	0,00	300,00	2.325,00
Period 2	0,00	100,00	1.725,00	0,00	0,00	0,00	1.825,00
Period 3	0,00	100,00	0,00	11.610,00	1.610,00	0,00	13.320,00
Period 4	0,00	100,00	0,00	1.610,00	1.610,00	200,00	3.520,00
Period 5	0,00	100,00	0,00	0,00	3.450,00	0,00	3.550,00
Period 6	0,00	200,00	0,00	0,00	3.650,00	200,00	4.050,00
<b>TOTAL</b>	<b>0,00</b>	<b>750,00</b>	<b>3.600,00</b>	<b>13.220,00</b>	<b>10.320,00</b>	<b>700,00</b>	<b>28.590,00</b>

E.1.4 Partner co-financing

E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
ERDF co-financing	24.301,50	85,00
Partner co-financing	4.288,50	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	<b>28.590,00</b>	

E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Mesto Žilina	public	100,00 %	4.288,50
<b>Sub-total public co-financing</b>		<b>100,00 %</b>	<b>4.288,50</b>
<b>Sub-total automatic public co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>Sub-total private co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>TOTAL partner co-financing</b>		<b>100 %</b>	<b>4.288,50</b>
<b>Partner co-financing (target value)</b>			<b>4.288,50</b>
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			<b>28.590,00</b>

E.1.1 Partner

Partner number	10
Name of partner organisation	Miasto Opole
Country	PL
Abbreviation	Opole
Partner role	pp

### E.1.2 Budget flat rates

Budget flat rates	Yes	No
Flat rate staff costs	No	20,00
Flat rate office and administrative expenditure	Yes	15,00

### E.1.3 Partner budget overview

#### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	0,00	3.880,44	3.880,44	3.880,44	0,00	<b>11.641,32</b>
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	0,00	582,06	582,06	582,06	0,00	<b>1.746,18</b>
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	1.944,00	0,00	0,00	0,00	549,00	<b>2.493,00</b>
<b>BL4 External exp. and services</b>	D.C.1.3.- Periodical publications of project partners in the local media of the Opole region.	0,00	0,00	0,00	0,00	0,00	2.155,76	<b>2.155,76</b>
<b>Total BL4 External expertise and services costs</b>		0,00	0,00	0,00	0,00	0,00	2.155,76	<b>2.155,76</b>
<b>BL5 Equipment</b>	D.M. 4.1. Office equipment, 5 flashdrives, 3 hard discs	0,00	2.989,32	0,00	0,00	0,00	0,00	<b>2.989,32</b>
<b>Total BL5 Equipment expenditure</b>		0,00	2.989,32	0,00	0,00	0,00	0,00	<b>2.989,32</b>
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>Total</b>		<b>0,00</b>	<b>4.933,32</b>	<b>4.462,50</b>	<b>4.462,50</b>	<b>4.462,50</b>	<b>2.704,76</b>	<b>21.025,58</b>

E.1.3.b Partner budget overview - budget line/ per period

Budget line	Specification	Period 0	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	1.940,22	1.940,22	1.940,22	1.940,22	1.940,22	1.940,22	11.641,32
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	291,03	291,03	291,03	291,03	291,03	291,03	1.746,18
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	549,00	423,00	73,00	476,00	73,00	899,00	2.493,00
<b>BL4 External exp. and services</b>	D.C.1.3. - Periodical publications of goals achieved by project partners in the local media of the Opole region.	0,00	0,00	718,59	0,00	718,59	0,00	718,58	2.155,76
<b>Total BL4 External expertise and services costs</b>		0,00	0,00	718,59	0,00	718,59	0,00	718,58	2.155,76
<b>BL5 Equipment</b>	D.M. 4.1. Office equipment., 5 flashdrives, 3 hard discs	0,00	677,87	462,29	462,29	462,29	462,29	462,29	2.989,32
<b>Total BL5 Equipment expenditure</b>		0,00	677,87	462,29	462,29	462,29	462,29	462,29	2.989,32
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		0,00	3.458,12	3.835,13	2.766,54	3.888,13	2.766,54	4.311,12	21.025,58

E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
Period 0	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Period 1	0,00	1.153,87	2.231,25	0,00	0,00	73,00	3.458,12
Period 2	0,00	885,29	2.231,25	0,00	0,00	718,59	3.835,13
Period 3	0,00	535,29	0,00	2.231,25	0,00	0,00	2.766,54
Period 4	0,00	938,29	0,00	2.231,25	0,00	718,59	3.888,13
Period 5	0,00	535,29	0,00	0,00	2.231,25	0,00	2.766,54
Period 6	0,00	885,29	0,00	0,00	2.231,25	1.194,58	4.311,12
<b>TOTAL</b>	<b>0,00</b>	<b>4.933,32</b>	<b>4.462,50</b>	<b>4.462,50</b>	<b>4.462,50</b>	<b>2.704,76</b>	<b>21.025,58</b>

E.1.4 Partner co-financing

E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
ERDF co-financing	17.871,74	85,00
Partner co-financing	3.153,84	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	<b>21.025,58</b>	

E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Miasto Opole	public	100,00 %	3.153,84
<b>Sub-total public co-financing</b>		<b>100,00 %</b>	<b>3.153,84</b>
<b>Sub-total automatic public co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>Sub-total private co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>TOTAL partner co-financing</b>		<b>100 %</b>	<b>3.153,84</b>
<b>Partner co-financing (target value)</b>			<b>3.153,84</b>
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			<b>21.025,58</b>

E.1.1 Partner

Partner number	11
Name of partner organisation	Statutární město Ostrava
Country	CZ
Abbreviation	OVA
Partner role	PP

### E.1.2 Budget flat rates

Budget flat rates	Yes	
Flat rate staff costs	No	20,00
Flat rate office and administrative expenditure	Yes	15,00

### E.1.3 Partner budget overview

#### E.1.3.a Partner budget overview - budget line/ per work package

Budget line	Specification	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	0,00	3.000,00	2.800,00	8.800,00	0,00	14.600,00
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	0,00	450,00	420,00	1.320,00	0,00	2.190,00
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	750,00	150,00	0,00	200,00	700,00	1.800,00
<b>BL4 External expertise and services costs</b>	BL4 External expertise and services costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>BL5 Equipment</b>	D.T.2.1.1: D.T.2.1: Information panel for presenting of the actual measurements and information about the project - 2 pieces	0,00	0,00	0,00	10.000,00	0,00	0,00	10.000,00
<b>Total BLS Equipment expenditure</b>		0,00	0,00	0,00	10.000,00	0,00	0,00	10.000,00
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>		0,00	750,00	3.600,00	13.220,00	10.320,00	700,00	28.590,00

E.1.3.b Partner budget overview - budget line/ per period

<b>Budget line</b>	<b>Specification</b>	<b>Period 0</b>	<b>Period 1</b>	<b>Period 2</b>	<b>Period 3</b>	<b>Period 4</b>	<b>Period 5</b>	<b>Period 6</b>	<b>TOTAL</b>
<b>BL1 Staff costs</b>	BL1 Staff costs	0,00	1.500,00	1.500,00	2.800,00	2.800,00	3.000,00	3.000,00	<b>14.600,00</b>
<b>BL2 Office and admin.</b>	BL2 Office and admin.	0,00	225,00	225,00	420,00	420,00	450,00	450,00	<b>2.190,00</b>
<b>BL3 Travel and accom.</b>	BL3 Travel and accom.	0,00	600,00	100,00	100,00	300,00	100,00	600,00	<b>1.800,00</b>
<b>BL4 External expertise and services costs</b>	BL4 External expertise and services costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>BL5 Equipment</b>	D.T.2.1.1; D.T.2.2.1: Information panel for presenting of the actual measurements and information about the project - 2 pieces	0,00	0,00	0,00	10.000,00	0,00	0,00	0,00	<b>10.000,00</b>
<b>Total BL5 Equipment expenditure</b>		0,00	0,00	0,00	10.000,00	0,00	0,00	0,00	<b>10.000,00</b>
<b>BL6 Infrastructure and works expenditure</b>	BL6 Infrastructure and works expenditure	0,00	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>Net revenues expected</b>	Net revenues expected	0,00	0,00	0,00	0,00	0,00	0,00	0,00	<b>0,00</b>
<b>Total</b>		<b>0,00</b>	<b>2.325,00</b>	<b>1.825,00</b>	<b>13.320,00</b>	<b>3.520,00</b>	<b>3.550,00</b>	<b>4.050,00</b>	<b>28.590,00</b>



E.1.3.c Partner budget overview - period/ per work package

Period	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL
Period 0	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Period 1	0,00	150,00	1.875,00	0,00	0,00	300,00	2.325,00
Period 2	0,00	100,00	1.725,00	0,00	0,00	0,00	1.825,00
Period 3	0,00	100,00	0,00	11.610,00	1.610,00	0,00	13.320,00
Period 4	0,00	100,00	0,00	1.610,00	1.610,00	200,00	3.520,00
Period 5	0,00	100,00	0,00	0,00	3.450,00	0,00	3.550,00
Period 6	0,00	200,00	0,00	0,00	3.650,00	200,00	4.050,00
<b>TOTAL</b>	<b>0,00</b>	<b>750,00</b>	<b>3.690,00</b>	<b>13.220,00</b>	<b>10.320,00</b>	<b>700,00</b>	<b>28.590,00</b>

E.1.4 Partner co-financing

E.1.4.a Partner budget and co-financing

	Amount	Co-financing rate
ERDF co-financing	24.301,50	85,00
Partner co-financing	4.288,50	
<b>PARTNER TOTAL ELIGIBLE BUDGET</b>	<b>28.590,00</b>	

E.1.4.b Origin of partner co-financing

Source of co-financing	Legal status	% of total partner co-financing	Amount
Statutární město Ostrava	public	100,00 %	4.288,50
<b>Sub-total public co-financing</b>		<b>100,00 %</b>	<b>4.288,50</b>
<b>Sub-total automatic public co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>Sub-total private co-financing</b>		<b>0,00 %</b>	<b>0,00</b>
<b>TOTAL partner co-financing</b>		<b>100 %</b>	<b>4.288,50</b>
<b>Partner co-financing (target value)</b>			<b>4.288,50</b>
<b>Total public expenditure (= ERDF + public co-financing + automatic public co-financing)</b>			<b>28.590,00</b>

## E.2 Activities outside the programme area

*If applicable, please list activities to be carried out outside the programme area by CE partners (as further explain in part B, chapter II.2 of the application manual). Describe how these activities will benefit the programme area and why they are essential for the implementation of the project.*

There is on planned activities outside the programme area.

<i>ERDF for activities implemented by CE partners outside the programme area (Indicative)</i>	0.00
<i>% of total (Indicative) ERDF</i>	0.00 %

## SECTION F Project budget

### F.0 Project budget - breakdown per partner

Partner Name	Partner abbreviation	Country	Programme Co-financing			Partner Co-financing				TOTAL ELIGIBLE BUDGET	
			ERDF	ERDF co-financing rate (%)	% of Total ERDF	Automatic public co-financing	Other co-financing	Total public co-financing	Private co-financing		Total co-financing
1 - Vysoká škola báňská - Technická univerzita Ostrava	VSB	CZECH REPUBLIC	841.099,31	85,00 %	38,40 %	0,00	148.429,29	148.429,29	0,00	148.429,29	989.528,60
2 - ACCENDO - Centrum pro vědu a výzkum, z.ú.	ACCENDO	CZECH REPUBLIC	430.444,69	85,00 %	19,65 %	0,00	0,00	0,00	75.960,83	75.960,83	506.405,52
3 - Główny Instytut Górnictwa	GIG	POLAND	219.402,45	85,00 %	10,01 %	0,00	38.718,09	38.718,09	0,00	38.718,09	258.120,54
4 - Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z ograniczoną odpowiedzialnością	TRITIA	POLAND	51.018,36	85,00 %	2,32 %	0,00	9.003,24	9.003,24	0,00	9.003,24	60.021,60
5 - Instytut Meteorologii i Gospodarki Wodnej - Państwowy Instytut Badawczy	IMWM-NRI	POLAND	191.053,62	85,00 %	8,72 %	0,00	33.715,35	33.715,35	0,00	33.715,35	224.768,97
6 - Žilinská univerzita v Žiline	UNIZA	SLOVAKIA	349.334,98	85,00 %	15,95 %	0,00	61.647,35	61.647,35	0,00	61.647,35	410.982,33
7 - Miasto Rybnik	Rybnik	POLAND	17.000,00	85,00 %	0,77 %	0,00	3.000,00	3.000,00	0,00	3.000,00	20.000,00
8 - Statutární město Opava	Opava	CZECH REPUBLIC	24.301,50	85,00 %	1,10 %	0,00	4.288,50	4.288,50	0,00	4.288,50	28.590,00

9 - Mesto Žilina	ZA	SLOVAKIA	24.301,50	85,00 %	1,10 %	0,00	4.288,50	4.288,50	0,00	4.288,50	28.590,00
10 - Miesto Opole	Opole	POLAND	17.871,74	85,00 %	0,81 %	0,00	3.153,84	3.153,84	0,00	3.153,84	21.025,58
11 - Statutární město Ostrava	OVA	CZECH REPUBLIC	24.301,50	85,00 %	1,10 %	0,00	4.288,50	4.288,50	0,00	4.288,50	28.590,00
<i>Sub-total for PPs inside the programme area</i>			2.190.129,65	---	100,00 %	0,00	310.532,66	310.532,66	75.960,83	386.493,49	2.576.623,14
<i>Sub-total for PPs outside the programme area</i>			0,00	---	0,00 %	0,00	0,00	0,00	0,00	0,00	0,00
<b>Total</b>			<b>2.190.129,65</b>	<b>---</b>	<b>100,00 %</b>	<b>0,00</b>	<b>310.532,66</b>	<b>310.532,66</b>	<b>75.960,83</b>	<b>386.493,49</b>	<b>2.576.623,14</b>

**F.1 Project budget - overview per partner/ per budget line**

Partner name and N°	BL1 Staff costs	BL2 Office and admin.	BL3 Travel and accom.	BL4 External exp. and services	BLS Equipment	BL6 Infrastr. and works	TOTAL BUDGET	Net revenues expected	TOTAL ELIGIBLE BUDGET
1 - Vysoká škola baňská – Technická univerzita Ostrava	779.764,00	116.964,60	14.850,00	72.500,00	5.450,00	0,00	989.528,60	0,00	989.528,60
2 - ACCENDO - Centrum pro vědu a výzkum, z.ú.	383.473,50	57.521,02	24.000,00	37.461,00	3.950,00	0,00	506.405,52	0,00	506.405,52
3 - Główny Instytut Górnictwa	171.895,82	25.784,25	25.466,77	32.811,59	2.162,11	0,00	258.120,54	0,00	258.120,54
4 - Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z ograniczoną odpowiedzialno ścią	32.384,00	4.857,60	4.080,00	17.300,00	1.400,00	0,00	60.021,60	0,00	60.021,60
5 - Instytut Meteorologii i Gospodarki Wodnej – Państwowy Instytut Badawczy	148.638,40	22.295,69	9.670,41	39.410,11	4.754,36	0,00	224.768,97	0,00	224.768,97
6 - Žilinská univerzita v Žiline	291.801,00	43.770,13	13.791,20	43.550,00	18.070,00	0,00	410.982,33	0,00	410.982,33
7 - Miasto Rybnik	15.223,44	2.283,48	2.493,08	0,00	0,00	0,00	20.000,00	0,00	20.000,00
8 - Statutární město Opava	14.600,00	2.190,00	1.800,00	0,00	10.000,00	0,00	28.590,00	0,00	28.590,00
9 - Mesto Žilina	14.600,00	2.190,00	1.800,00	0,00	10.000,00	0,00	28.590,00	0,00	28.590,00
10 - Miasto Opole	11.641,32	1.746,18	2.493,00	2.155,76	2.989,32	0,00	21.025,58	0,00	21.025,58
11 - Statutární město Ostrava	14.600,00	2.190,00	1.800,00	0,00	10.000,00	0,00	28.590,00	0,00	28.590,00
<b>Total</b>	<b>1.187.627,43</b>	<b>257.939,95</b>	<b>102.217,71</b>	<b>677.517,36</b>	<b>67.576,39</b>	<b>0,00</b>	<b>2.295.939,84</b>	<b>0,00</b>	<b>2.295.939,84</b>
<b>% of total budget</b>	<b>72,91 %</b>	<b>10,93 %</b>	<b>3,96 %</b>	<b>9,51 %</b>	<b>2,66 %</b>	<b>0,00 %</b>	<b>100,00 %</b>	<b>0,00 %</b>	<b>100,00 %</b>

Project budget - overview ERDF co-financing per budget line

ERDF	1.596.828,24	239.523,98	86.907,77	208.410,18	58.459,41	0,00	2.190.129,65	0,00	2.190.129,65
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## **F.2 Project budget - overview per partner/ per period**



Partner name and N°	Period 0	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	TOTAL BUDGET	Net revenues expected	TOTAL ELIGIBLE BUDGET
1 - Vysoká škola báňská - Technická univerzita Ostrava	6.750,00	143.807,65	141.110,70	180.298,65	176.653,55	177.873,55	163.034,50	989.528,60	0,00	989.528,60
2 - ACCENDO - Centrum pro vědu a výzkum, z.ú.	6.750,00	94.200,70	99.121,85	81.442,52	73.723,12	75.152,78	76.014,55	506.405,52	0,00	506.405,52
3 - Główny Instytut Górnictwa	0,00	72.071,32	43.420,77	28.194,36	17.832,46	71.459,52	25.142,11	258.120,54	0,00	258.120,54
4 - Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z ograniczoną odpowiedzialnością	0,00	10.577,60	5.931,60	5.337,60	5.337,60	17.795,60	15.041,60	60.021,60	0,00	60.021,60
5 - Instytut Meteorologii i Gospodarki Wodnej - Państwowy Instytut Badawczy	0,00	20.988,20	43.250,96	52.694,16	36.315,28	57.282,52	14.237,85	224.768,97	0,00	224.768,97
6 - Žilinská univerzita v Žiline	1.500,00	75.074,17	83.060,25	64.556,72	54.971,05	67.251,07	64.569,07	410.982,33	0,00	410.982,33
7 - Miasto Rybnik	0,00	3.466,82	3.340,82	2.990,90	3.340,82	2.990,82	3.869,82	20.000,00	0,00	20.000,00
8 - Statutární město Opava	0,00	2.325,00	1.825,00	13.320,00	3.520,00	3.550,00	4.050,00	28.590,00	0,00	28.590,00
9 - Mesto Žilina	0,00	2.325,00	1.825,00	13.320,00	3.520,00	3.550,00	4.050,00	28.590,00	0,00	28.590,00
10 - Miasto Opole	0,00	3.458,12	3.835,13	2.766,54	3.888,13	2.766,54	4.311,12	21.025,58	0,00	21.025,58
11 - Statutární město Ostrava	0,00	2.325,00	1.825,00	13.320,00	3.520,00	3.550,00	4.050,00	28.590,00	0,00	28.590,00
<b>Total</b>	<b>1500,00</b>	<b>630.595,38</b>	<b>630.595,38</b>	<b>630.595,38</b>	<b>630.595,38</b>	<b>630.595,38</b>	<b>630.595,38</b>	<b>100,00 %</b>	<b>0,00 % Of Total Budget</b>	<b>100,00 % Of Total Budget</b>
<b>% of total budget</b>	<b>0,58 %</b>	<b>16,71 %</b>	<b>16,63 %</b>	<b>17,78 %</b>	<b>14,84 %</b>	<b>18,75 %</b>	<b>14,68 %</b>	<b>100,00 %</b>	<b>0,00 % Of Total Budget</b>	<b>100,00 % Of Total Budget</b>

project budget - overview ERDF co-financing, per period

ERDF	12.750,00	366.026,62	364.264,99	389.505,20	325.228,68	410.739,00	321.614,99	2.190.129,65	0,00	2.190.129,65
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F.3 Project budget - overview per partner/ per WP

Partner name and N°	WP P	WP M	WP T1	WP T2	WP T3	WP C	TOTAL BUDGET	Net revenues expected	TOTAL ELIGIBLE BUDGET
1 - Vysoká škola baňská – Technická univerzita Ostrava	6.750,00	206.303,00	232.945,50	236.752,40	207.859,30	98.918,40	989.528,60	0,00	989.528,60
2 - ACCENDO - Centrum pro vědu a výzkum, z.ú.	6.750,00	37.436,75	186.511,32	0,00	265.283,85	10.423,60	506.405,52	0,00	506.405,52
3 - Główny Instytut Górnictwa	0,00	10.359,54	96.721,19	48.552,06	34.473,73	68.014,02	258.120,54	0,00	258.120,54
4 - Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z ograniczoną odpowiedzialno ścią	0,00	7.541,60	0,00	12.008,00	11.840,00	28.632,00	60.021,60	0,00	60.021,60
5 - Instytut Meteorologii i Gospodarki Wodnej – państwowy Instytut Badawczy	0,00	15.857,25	26.644,77	111.169,87	36.747,94	34.349,14	224.768,97	0,00	224.768,97
6 - Žilinská univerzita v Žiline	1.500,00	32.483,50	108.173,59	15.825,00	107.036,24	145.964,00	410.982,33	0,00	410.982,33
7 - Miasto Rybnik	0,00	1.944,08	5.835,64	5.835,64	5.835,64	549,00	20.000,00	0,00	20.000,00
8 - Statutární město Opava	0,00	750,00	3.600,00	13.220,00	10.320,00	700,00	28.590,00	0,00	28.590,00
9 - Mesto Žilina	0,00	750,00	3.600,00	13.220,00	10.320,00	700,00	28.590,00	0,00	28.590,00
10 - Miasto Opole	0,00	4.933,32	4.462,50	4.462,50	4.462,50	2.704,76	21.025,58	0,00	21.025,58
11 - Statutární město Ostrava	0,00	750,00	3.600,00	13.220,00	10.320,00	700,00	28.590,00	0,00	28.590,00
<b>Total</b>	<b>11.450.000,00</b>	<b>1.597.050,00</b>	<b>1.562.655,00</b>	<b>1.562.655,00</b>	<b>1.562.655,00</b>	<b>1.562.655,00</b>	<b>2.102.558,00</b>	<b>0,00</b>	<b>2.102.558,00</b>
<b>% of total budget</b>	<b>0,58 %</b>	<b>12,38 %</b>	<b>26,08 %</b>	<b>18,40 %</b>	<b>27,34 %</b>	<b>15,20 %</b>	<b>100,00 %</b>	<b>0,00 %</b>	<b>100,00 %</b>

Project budget - overview ERDF co-financing per WP

ERDF	12.750,00	271.242,65	571.280,31	403.125,63	598.824,29	332.906,66	2.190.129,65	0,00	2.190.129,65
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**F.4 Project budget - overview per WP/ per budget line**

WP number	BL1 Staff costs	BL2 Office and admin.	BL3 Travel and accom.	BL4 External exp. and services	BL5 Equipment	BL6 Infrastr. and works	TOTAL BUDGET	Net revenues expected	TOTAL ELIGIBLE BUDGET
WP P	0,00	0,00	0,00	15.000,00	0,00	0,00	15.000,00	0,00	15.000,00
WP M	253.254,64	37.988,16	21.533,38	955,62	5.377,24	0,00	319.109,04	0,00	319.109,04
WP T1	474.899,77	71.234,90	26.198,07	73.163,22	26.598,55	0,00	672.094,51	0,00	672.094,51
WP T2	368.377,39	55.256,55	1.127,60	18.753,93	30.750,00	0,00	474.265,47	0,00	474.265,47
WP T3	554.339,88	83.150,92	23.267,66	43.290,74	450,00	0,00	704.499,20	0,00	704.499,20
WP C	227.749,80	34.162,42	30.117,75	94.024,95	5.600,00	0,00	391.654,92	0,00	391.654,92
<b>Total</b>	<b>1.878.574,48</b>	<b>1.281.992,93</b>	<b>103.214,78</b>	<b>74.886,27</b>	<b>67.727,79</b>	<b>0,00</b>	<b>2.336.396,25</b>	<b>0,00</b>	<b>2.336.396,25</b>
<b>% of total budget</b>	<b>72,91 %</b>	<b>10,93 %</b>	<b>3,96 %</b>	<b>9,51 %</b>	<b>2,66 %</b>	<b>0,00 %</b>	<b>100,00 %</b>	<b>0,00 % Of Total Budget</b>	<b>100,00 % Of Total Budget</b>

**Project budget - overview ERDF co-financing per budget line**

<b>ERDF</b>	<b>1.596.828,24</b>	<b>239.523,98</b>	<b>86.907,77</b>	<b>208.410,18</b>	<b>58.459,41</b>	<b>0,00</b>	<b>2.190.129,65</b>	<b>0,00</b>	<b>2.190.129,65</b>
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**F.5 Project budget - overview per WP / per period**

WP number	Period 0	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	TOTAL BUDGET	Net revenues expected	TOTAL ELIGIBLE BUDGET
WP P	15.000,00	0,00	0,00	0,00	0,00	0,00	0,00	15.000,00	0,00	15.000,00
WP M	0,00	53.418,91	53.147,33	52.078,92	54.038,25	52.328,88	54.096,75	319.109,04	0,00	319.109,04
WP T1	0,00	315.763,43	267.337,77	88.082,98	910,33	0,00	0,00	672.094,51	0,00	672.094,51
WP T2	0,00	0,00	54.964,07	130.882,96	104.014,94	183.948,33	455,17	474.265,47	0,00	474.265,47
WP T3	0,00	0,00	0,00	128.766,79	174.445,55	192.391,96	208.894,90	704.499,20	0,00	704.499,20
WP C	0,00	61.437,24	53.097,91	58.429,80	49.212,94	54.553,23	114.923,80	391.654,92	0,00	391.654,92
<b>Total</b>	<b>15.000,00</b>	<b>740.619,58</b>	<b>748.549,01</b>	<b>730.267,45</b>	<b>738.711,98</b>	<b>730.272,07</b>	<b>778.373,92</b>	<b>2.190.129,65</b>	<b>0,00</b>	<b>2.190.129,65</b>
<b>% of total budget</b>	<b>0,58</b>	<b>16,71</b>	<b>16,63</b>	<b>17,78</b>	<b>14,85</b>	<b>18,75</b>	<b>14,68</b>	<b>100,00 %</b>	<b>0,00 % Of Total Budget</b>	<b>100,00 % Of Total Budget</b>

**Project budget - overview ERDF co-financing per period**

<b>ERDF</b>	<b>12.750,00</b>	<b>366.026,62</b>	<b>364.264,99</b>	<b>389.505,20</b>	<b>325.228,68</b>	<b>410.739,00</b>	<b>321.614,99</b>	<b>2.190.129,65</b>	<b>0,00</b>	<b>2.190.129,65</b>
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## SECTION G - Annexes


Uploaded file list (annexes attached to this application form)

<i>File name</i>	<i>File type</i>	<i>Upload date</i>
LP_deklaration_VSB.pdf	pdf	22.06.2016
PP3_deklaration_GIG.pdf	pdf	22.06.2016
PP4_deklaration_TRITIA.pdf	pdf	22.06.2016
PP5_deklaration_IMWM.pdf	pdf	22.06.2016
PP6_deklaration_UNIZA.pdf	pdf	22.06.2016
PP7_deklaration_RYBNIK.pdf	pdf	22.06.2016
PP8_deklaration_OPAVA.pdf	pdf	22.06.2016
PP9_deklaration_ZA.pdf	pdf	22.06.2016
PP10_deklaration_OPOLE.pdf	pdf	22.06.2016
PP11_deklaration_OSTRAVA.pdf	pdf	23.06.2016
PP2_deklaration_ACCENDO.pdf	pdf	23.06.2016
CE1101_cond_annex.docx	docx	23.04.2017

List of obligatory annexes as defined in the application manual (part D chapter IV.2.6):

- Lead applicant and partner declarations (template is provided as annex V of the application manual)
- In case of private lead applicants: Interreg CE simplified financial statement (SFS) (template is provided as annex VII of the application manual) and further supporting documents

interreg ■

 Municipal Department  
for European Affairs

W N K



## CE1101 AIR TRITIA

The following contract between

*City of Vienna*  
represented by  
**Municipal Department 27**  
**(Magistratsabteilung 27)**  
**European Affairs**

**Schlesinger Platz 2, A-1080 Vienna,  
Austria**

- acting as Managing Authority of the European Territorial Cooperation Programme Interreg CENTRAL EUROPE, hereinafter referred to as MA -  
on behalf of the Federal Republic of Austria, the Republic of Croatia, the Czech Republic, the Federal Republic of Germany, the Republic of Hungary, the Republic of Italy, the Republic of Poland, the Slovak Republic and the Republic of Slovenia.

and

VŠB - Technical University of Ostrava with its office at  
17. listopadu 15/2172  
70833 Ostrava  
Czech Republic  
represented by  
Ivo Vondrák

- hereinafter referred to as **Lead Partner (LP)**, meaning the lead beneficiary, as defined in Article 13 (2) of Regulation (EU) 1299/2013 -

is concluded on the basis of the rules and documents as specified in § 1 of this contract and lays down the implementing arrangements for the project CE1101, UNIFORM APPROACH TO THE AIR POLLUTION MANAGEMENT SYSTEM FOR FUNCTIONAL URBAN AREAS IN TRITIA REGION / AIR TRITIA

## § 1

### Legal framework

1. The contract is concluded on the basis of the following legal provisions:

- The European Structural and Investment Funds Regulations, Delegated and Implementing Acts for the period 2014-2020, especially Article 125 (3) c of the Regulation (EU) No 1303/2013 of the European Parliament and of the Council of 17 December 2013 and Article 12 (5) of Regulation (EU) No 1299/2013 of the European Parliament and of the Council of 17 December 2013 as further specified below;
- The European Territorial Cooperation Programme Interreg CENTRAL EUROPE, approved by the European Commission on 16 December 2014 (Decision No C(2014) 10023 final) setting the strategy of the Programme (hereinafter referred to as CENTRAL EUROPE CP);
- The laws of the Republic of Austria applicable to this contractual relationship;

2. The following laws and documents constitute the legal framework applicable to the rights and obligations of the parties to this contract:

- Regulation (EU, Euratom) No 966/2012 of the European Parliament and of the Council of 25 October 2012 on the financial rules applicable to the general budget of the Union and repealing Council Regulation (EC, Euratom) No 1605/2002 together with related Delegated or Implementing Acts;
- The European Structural and Investment Funds Regulations, Delegated and Implementing Acts for the period 2014-2020, especially:
  - Regulation (EU) No 1303/2013 of the European Parliament and of the Council of 17 December 2013 laying down common provisions on the European Regional Development Fund, the European Social Fund, the Cohesion Fund, the European Agricultural Fund for Rural Development and the European Maritime and Fisheries Fund and laying down general provisions on the European Regional Development Fund, the European Social Fund, the Cohesion Fund and the European Maritime and Fisheries Fund and repealing Council Regulation (EC) No 1083/2006 and any amendment
  - Regulation (EU) No 1301/2013 of the European Parliament and of the Council of 17 December 2013 on the European Regional Development Fund and on specific provisions concerning the investment for growth and jobs goal and repealing Regulation (EC) No 1080/2006, and any amendment
  - Regulation (EU) No 1299/2013 of the European Parliament and of the Council of 17 December 2013 on specific provisions for the support from the European Regional Development Fund to the European territorial cooperation goal and any amendment
  - Implementing and Delegated Acts, especially Commission Delegated Regulation (EU) No 481/2014 of 4 March 2014 supplementing Regulation No 1299/2013 of the European Parliament and of the Council with regard to specific rules on eligibility of expenditure for cooperation programmes and any amendment
- Articles 107 and 108 of the Treaty on the Functioning of the European Union, Commission Regulation (EU) No 1407/2013 on the application of Articles 107 and 108 of the Treaty on the Functioning of the European Union to de minimis aid, Delegated and Implementing acts as well as all applicable decisions and rulings in the field of state aid;
- All other EU legislation and the underlying principles applicable to the LP and its PPs, including the legislation laying down provisions on public procurement, on competition and entry into the markets, the protection of the environment, the equal opportunities between men and women;

- National rules applicable to the LP and its Project Partners (hereinafter referred to as PPs) and their activities
- All Manuals, Guidelines and any other documents relevant for project implementation (e.g. Application Manuals, Implementation Manuals) in their latest version as published on the programme website or handed over to the LP directly during the project implementation.

In case of amendment of the above mentioned legal norms and documents, and any other documents of relevance for the contractual relationship (e.g. application form) the latest version shall apply.

## § 2

### Award of subsidy

1. Based on the application of the LP in its latest version and the supplementing/amending documents in their latest version (altogether hereinafter referred to as "application documents"), in accordance with the decision of the Monitoring Committee of the programme (hereinafter referred to as MC), dated 16 March 2017 (and possible amending decisions) an earmarked subsidy is awarded to the LP for the project CE1101, UNIFORM APPROACH TO THE AIR POLLUTION MANAGEMENT SYSTEM FOR FUNCTIONAL URBAN AREAS IN TRITIA REGION from funds of the CENTRAL EUROPE CP.

	Maximum ERDF of funding awarded	Approved Total Partner Co-financing	Approved TOTAL ELIGIBLE BUDGET <sup>1</sup>	Grant rate of the funding
Sub-total for PPs inside the programme area	2 190 129,65 Euro (€)	386.493,49 Euro (€)	2.576.623,14 Euro (€)	85,00 %
Sub-total for PPs outside the programme area	0,00 Euro (€)	0,00 Euro (€)	0,00 Euro (€)	0,00 %
Total	2.190.129,65 Euro (€)	386 493,49 Euro (€)	2.576.623,14 Euro (€)	85,00 %

2. Grant rate of the funding is understood as being the percentage rate which results from dividing the funding awarded from the programme (ERDF funding) by the CENTRAL EUROPE eligible budget of the project (ERDF funding - national co-financing by CENTRAL EUROPE Member States). The grant rate can change in the course of the implementation of the project. However the maximum amount of ERDF contribution as approved by the MC cannot be exceeded.

The grant rate for the project is up to 80% of the eligible costs for partners located in the Federal Republic of Austria, the Federal Republic of Germany and Italy and up to 85% of the eligible costs for partners located in the Republic of Croatia, the Czech Republic, the Republic of Hungary, the Republic of Poland, the Slovak Republic and the Republic of Slovenia.

## § 3

### Terms of funding

1. The subsidy is awarded exclusively for the project as it is described in the latest version of the application documents in accordance with the conditions set out by the MC. The application form and its annexes as approved by the MC form an integral part of this contract.

2. Disbursement of the subsidy is subject to the condition that the European Commission makes the funds available to the extent described above and that all applicable EU and national rules are observed by the Partnership. In case of non-availability of funds the MA cannot be deemed responsible for late or missing payments.

3. If the European Commission fails to make the funds available due to reasons that are outside of the sphere of influence of the programme, the MA is entitled to terminate this contract and any claim by the LP or the PPs against the MA for whatever reason is excluded. In such a case the LP will be duly notified by the MA and guided on the respective steps to be taken.
4. The LP accepts the subsidy and undertakes to carry out the project under its own responsibility as laid out in the European Structural and Investment Funds Regulations, delegated and implementing acts or the programme rules based thereon.
5. Should it become evident that the project will not spend the maximum amount of ERDF-co-financing awarded to it by the MC, the MC may decide to reduce the award accordingly following the procedure as specified in the programme Implementation Manual.
6. Disbursement of the subsidy is subject to the condition that this subsidy contract is signed by the parties to this contract.
7. In case one or more output and result targets, as set in the latest approved version of the application form, are not successfully reached, corrective measures may be put in place to ensure the project performance as well as to minimise the impact at programme level (e.g. adaptation of the project to the changed situation) following the procedures specified in the programme Implementation Manual.
8. In case a project fails to respect the contractual arrangements on timeliness, budget absorption and achievement of outputs and results, as defined in the latest approved version of the application form, the programme may also reduce the ERDF allocated to the project or, if necessary, stop the project by terminating the subsidy contract.

#### § 4

### Duration of the project and the contract

1. The project has a duration as provided for in the latest version of the approved application form.
2. Administrative duties of the LP and PPs related to the closure of the project will take place over a period of three months after the project end date specified in the latest version of the approved application form and unless differently agreed by the MA. Further specifications on project closure are laid out in the programme Implementation Manual.
3. Without prejudice to the provision concerning the implementation of the project and the eligibility of expenditure as well as to the rules governing State aid, this contract expires in accordance with obligations on availability of documents as defined in Article 140 of Regulation (EU) No 1303/2013.

#### § 5

### Eligibility of costs

1. Costs which qualify for a subsidy pursuant to § 2.1 of this contract shall exclusively consist of eligible costs as listed in the approved application form. The eligibility of costs for ERDF co-funding

is regulated in the European Structural and Investment Funds Regulations (Article 6 and Art. 65 to 70 of Regulation (EU) No 1303/2013, Article 18 of Regulation (EU) No 1299/2013), the Commission Delegated Regulation (EU) No 481/2014 as well as in the programme's eligibility rules as included in the programme Implementation Manual based thereon. All programme rules are published on the programme website.

2. The LP undertakes to carefully analyse and obey those eligibility rules and principles and to contractually forward this obligation to its project partners.

3. The non-compliance with the relevant rules could lead the programme authorities to take corrective measures and exclude from the project budget ineligible expenditure.

## § 6

### Request for payments and paying out of the Subsidy

1. The LP may only request payments of the ERDF contribution on behalf of the project by providing proof of progress of the project towards the achievement of the outputs and results as set in the approved application form, in compliance with the principle of sound financial management (as determined by the principles of economy, efficiency and effectiveness) and by demonstrating the utility derived from any purchases. To this purpose the LP has to present periodic progress reports and a final report to the MA via the Joint Secretariat (hereinafter referred to as JS) as described in § 7 of this document and the Implementation Manual.

2. Payment of costs claimed together with the above mentioned reports is made subject to the provision that the payment of the amount is due according to the schedule as mentioned in § 7.1 of this document and that the European Commission has paid corresponding amounts beforehand.

3. Furthermore, payment of funds is subject to the condition that the legality and regularity of activities underlying the expenditure declared can be sufficiently demonstrated as stipulated in the European Structural and Investment Funds Regulations, Delegated and Implementing Acts or the Programme rules based thereon and that all supporting documents and certificates necessary for the assessment of the MA/JS are submitted in due time.

4. The MA reserves the right not to accept in part or in full certificates of expenditure as described in § 8 of this contract if due to the results of its own checks and/or controls or audits performed by another authority such a certificate or the facts stated therein prove to be incorrect or if the underlying activities are not in line with the legal framework as set out in § 1 of this document. In such a case, the MA will either reduce the claimed certified amount, demand repayment of funds already paid out unduly or set them off against the next payment claim submitted by the LP, if possible. In compliance with Article 132 of Regulation (EU) 1303/2013, payments to the project can be suspended partially or in full in cases of suspicion of an irregularity. The MA or Certifying Authority (hereinafter referred to as CA) <sup>2</sup> is entitled to withhold any ERDF payment to a particular beneficiary (LP or PP) or the project as a whole until all unclear issues related to the implementation, management and reporting are clarified.

5. The MA, through the JS, may request relevant information at any time. That information must be supplied by the LP within the demanded time frame. The LP will also provide information and/or requested documents to other programme authorities, courts of auditors or other control institutions acting within their respective sphere of responsibility.

6. In case of observations and/or reservations raised during the programme designation process as provided for in Art. 123 of Regulation (EU) No 1303/2013, delays in the said procedure, or in case of system errors detected within audits, the MA and CA also have the right to temporarily withhold payments. Payment suspension(s) shall be lifted as soon as observations and/or reservations raised by the relevant bodies have been withdrawn.

7. The CA ensures that the LP receives payments of the approved contribution from the programme in time and in full. No deduction, retention or further specific charges which would reduce the amount of the payment shall be made, without prejudice of provisions as above in this article. Opposite, the ERDF contribution paid by the CA shall not exceed the share of ERDF resulting from the eligible amount validated by each responsible control authority in compliance with § 8 of this document.

8. The disbursement of funds by the CA is subject to the provision by the LP of at least the following information<sup>3</sup>: identification of national controllers (as referred to in § 8) of partners claiming costs, bank account of the LP, location of project documents at the premises of the LP and each PP, evidence of the occurred signature of the partnership agreement (as set out in § 10 of this document).

9. The funds will be disbursed in Euro (EUR; €) only. Any exchange rate risk will be borne by the LP. The subsidy will be transferred to the account as indicated by the LP in the supplementary information section of the application form. Whenever possible, this account should be of specific project use.

10. By paying out the subsidy according to this contract the MA fulfils its obligations resulting from the present contract.

11. In accordance with Article 13 (3) of Regulation (EU) No 1299/2013 the LP shall ensure that the PPs receive the total amount of their respective share of the ERDF as quickly as possible and in full. No amount shall be deducted or withheld and no specific charge or other charge with equivalent effect shall be levied that would reduce that amount for the PPs.

12. Payments not requested in time and in full or non in compliance with the payment schedule as indicated in § 7.1 and the overview table of reporting targets and deadlines annexed to this contract may be lost.

## § 7

### Reporting

1. In order to demonstrate the progress of the project implementation as described in § 6.1 of this document the LP has to present periodic progress reports and a final report to the MA via the JS according to the timeframe indicated in the overview table of reporting targets and deadlines annexed to this contract. Changes of these periods require prior approval of the MA. Further details on the reporting procedures are specified in the programme Implementation Manual.

2. Each periodic progress report consists of an activity part and a financial part.

3. The final report is to be sent to the MA via JS at the latest three month after the project end date as mentioned in § 4 of this document and the overview table of reporting targets and deadlines annexed to this contract.



4. Further details on the contents of the reports and procedural rules are laid out in the Implementation Manual, the contents of which the LP accepts and contractually forwards to its PPs.

## § 8

### Validation of Expenditure

1. Each progress report submitted by the LP to the MA via the JS must be accompanied by certificates confirming the eligibility of expenditure, both at the LP and the PPs level, issued by national controllers as referred to in Article 23 (4) of Regulation 1299/2013 according to the system set up by each Member State and in compliance with the requirements set by the legal framework listed in §1 of this contract.
2. In cases of LP and PPs from countries having set a decentralised control system, the MA reserves the right, after agreement with the national responsible institution, to require that the controller directly selected by the LP or PPs is replaced if considerations, which were unknown when the contract was signed, cast doubts on the controller's independence or professional standards.
3. The LP notifies the MA, via the supplementary information section of the application form, the persons or institutions performing the control activities and ensures that they were selected in accordance with the system set up by each Member State and meet the requirements of qualification and independence presented in the programme Implementation Manual. In case a controller cannot be named before signing the subsidy contract the information has to be provided in the supplementary information section of the application form that forms part of the contractual relationship. Details about the notification procedure are laid out in the Implementation Manual, which the LP accepts and contractually forwards to its PPs.
4. Changes of address, changes of account number and changes of control authority/institution or name of controller(s) have to be duly notified following the procedure laid out in the Implementation Manual. Should the MA have any objections to the notified changes it may after prior discussion with the national responsible institution ask for replacement of the controller or the institution nominated.

## § 9

### Changes in Project

1. Changes in budget allocations per budget lines, work packages and partner as well as changes in activities/outputs and project duration are allowed as long as the maximum amount of funding awarded is not exceeded, if provisions related to State aid discipline are respected and if they follow the conditions and procedures as set out in the Implementation Manual.
2. In the application documents the contribution of the LP and each PP are clearly defined. Changes in the project partnership require the prior approval of the relevant programme bodies as outlined in the Implementation Manual. However, once approved, they are valid retrospectively starting from the date when a written request was submitted to the JS.

## § 10

### Representation of Project Partners, Lead Partner Liability



1. "Project Partners" are the organisations listed as such in the latest approved version of the application form. Only expenditure incurred and paid by the PPs are eligible for ERDF co-financing, with the exception of expenditure calculated as lump sums or on a flat rate basis.
2. The LP guarantees that it is entitled to represent the partners participating in the project and that it has established a partnership agreement according to Article 13 (2) of Regulation (EU) No 1299/2013, holding as a minimum content at least the rules as set in the template of partnership agreement provided by the programme. The allocation of tasks, mutual responsibilities and obligations among the LP and the PPs are specified in this partnership agreement.
3. The LP guarantees that the partnership agreement as a whole provides also for a clear division, in line with the application documents, of the mutual responsibilities between all partners and of the obligation of each PP to assume responsibility in the event of any irregularity or incorrectness in the expenditure which has been declared.
4. The signature of the partnership agreement shall be demonstrated at the latest within three month after the entering in to force of the subsidy contract as laid out in the Implementation Manual. The MA reserves the right to check the partnership agreement in order to verify that it has been signed and that it is in conformity with the minimum requirements as mentioned in § 10 (2) of this document.
5. The LP guarantees furthermore that it has complied with the legal framework according to § 1 of this contract and with all the relevant legal and other requirements under the law which applies to it and to the PPs and their activities and that all necessary approvals (e.g. building permissions, environmental impact assessment statements) have been obtained. The LP is obliged to contractually forward § 1 of this contract in its entirety to the PPs and to include all obligations as set out in this document into the partnership agreement.
6. The LP shall provide the PPs with all information and documents needed for a sound and legally correct project implementation including requirements related to communication and publicity.
7. In accordance with Article 13 (2) of Regulation (EU) No 1299/2013, the LP bears the overall financial and legal responsibility for the entire project and for the PPs. It will be held liable if obligations as laid out in this contract or in applicable European Union's or national laws are not fulfilled by the project partnership.
8. The LP is furthermore liable towards the MA for ensuring that all PPs fulfil their obligations. It is liable towards the MA for infringements by the PPs of obligations under this contract in the same way as for its own conduct.
9. If the MA demands repayment of subsidy funds in accordance with this contract, the LP is liable towards the MA for the total amount of those funds. The LP is entitled to ask repayment from its PPs as stipulated in Article 27 (2) of Regulation (EU) No 1299/2013.
10. The MA cannot under any circumstances or for any reason whatsoever be held liable for damage or injury sustained by the staff or property of the LP or one of its PPs while the project is being carried out. The MA can therefore not accept any claim for compensation or increases in payment in connection with such damage or injury.



11. The LP shall assume sole liability towards third parties, including liability for damage or injury of any kind sustained by them while the project is being carried out. The LP shall discharge the MA of all liability associated with any claim or action brought as a result of an infringement of rules or regulations by the LP or one of its PPs, or as a result of violation of a third party's rights.

## § 11

### Project and Financial Management

1. The LP ensures a professional management of the project.
2. The LP lays down the arrangements for its relation with the other partners participating in the project in a partnership agreement as mentioned in § 10 of this contract.
3. In compliance with Article 65 (11) of Regulation (EU) No 1303/2013 the LP ensures that expenditure items included in requests for reimbursement do not receive support from the same or any other EU Programme, EU fund or Union instrument.
4. The LP coordinates the start and implementation of the project according to the time schedule as indicated in this contract and the work plan included in the application form.
5. The LP shall install a separate accounting system or an adequate accounting code set in place specifically for the project and shall safeguard that the eligible costs as well as the received subsidies can be clearly identified.
6. In line with Article 13 (2) lit. c and d of Regulation (EU) No 1299/2013 the LP ensures that the expenditure made by the PPs has been controlled to verify that it has been used for the purpose of implementing the project and corresponds to the activities agreed between the LP and PPs as set out in the project application form.
7. The LP is responsible for ensuring the implementation of the entire project in observation of the rules and procedures set in the programme Implementation Manual (e.g. with regard to monitoring the project physical and financial progress, recording and storing of documents, written requests for project changes, implementation of information and publicity measures etc.) and for ensuring that the PPs are made aware of their obligations.
8. The LP informs the MA and JS immediately about all circumstances that delay, hinder or make impossible the realisation of the project as well as all circumstances that mean a change of the disbursement conditions and frameworks as laid down in this contract (e.g. loss of a project partner, making use of additional subsidies) or circumstances which oblige the MA to reduce payment or demand repayment of the subsidy wholly or in part.
9. The LP provides the MA and JS with any information requested without delay.
10. The LP implements the project in accordance with European Union's and national legislation as well as in line with the programme requirements, e.g. on public procurement and state aid, and ensures that also that the PPs respect these rules.
11. The LP provides data for the programme electronic monitoring system in compliance with this contract and according to the MA and JS instructions.

12. If possible, the LP submits with the respective progress report the main outputs and deliverables as stated in the application form and following the procedures set in the programme Implementation Manual. One specimen of each developed material shall be stored at the LP's or PP's premises for control and audit purposes.

13. The LP seeks the guidance from the JS where necessary and participates in transnational seminars organised by the programme.

14. The LP invites the MA/JS to participate in project Steering Committee meetings as an observer and sends minutes of these meetings to the MA/JS.

15. The LP supports the programme in its information, communication and evaluation activities (e.g. joins project exhibitions, submits texts for programme website and publications).

16. In the name of all PPs, the LP agrees, according to the Law on Data Protection 2000, Austrian Federal Law Gazette No. 165/1999 in its valid version that the MA is entitled to use personal data, which are contained in the project application form and which are acquired in the organs and authorized representatives of the following bodies and authorities: national control bodies and bodies and authorities involved in audits carried out for the programme, European Commission, auditing bodies of the European Union and the City of Vienna, the federal Ministry of Finance of the Republic of Austria or any other institution responsible for conducting audits or controls according to European Union's or national laws. In addition, the MA is entitled to use such data and to share them with other programmes in order to implement their tasks linked to European anti-corruption policy and to make such data available to bodies and authorities for evaluation and monitoring purposes.

17. Furthermore, the LP agrees on behalf of all PPs, that the names and addresses of all project partners, the purpose and the amount of the subsidy may be used by the programme bodies in the framework of information and communication measures concerning the programme as well as reporting to the European Commission.

18. In accordance with Articles 56 and 57 of Regulation (EU) 1303/2013 the LP and all PPs undertake to provide experts or bodies authorised by the Interreg CENTRAL EUROPE Programme carrying out project evaluations and/or studies with any document or information requested for the evaluation purpose. Information might be provided by the LP and PPs also through surveys and/or interviews.

## § 12

### Financial Controls, Audits

1. The European Commission, the European Anti-Fraud Office (OLAF), the European Court of Auditors (ECA) and, within their responsibility, the auditing bodies of the participating EU Member States or other national public auditing bodies as well as the Programme Audit Authority, the MA or CA and the JS are entitled to audit the proper use of funds by the LP or by its PPs or to arrange for such an audit to be carried out by authorised persons. The LP and PPs will be notified in due time about any audit to be carried out on their expenditure.

2. The LP undertakes all the necessary actions to comply with the fundamental requirements indicated in this contract, the applicable laws and programme documents (Application and Implementation Manuals), which are an integral part of this contract, to provide for comprehensive documentation on compliance with those norms and the accessibility to this documentation. Besides the obligations with regard to reporting and information the LP particularly:

- a) keeps all documents and data required for controls and audits safely and orderly as further specified in § 11 of this contract;
- b) makes all necessary arrangements to ensure that any audit, notified by a duly authorized institution as indicated in § 12.1 can be carried out smoothly and
- c) provides any requested information to these institutions about the project and gives access to their business premises, provides and gives access to all the information and documents supporting the audit trail as requested in the European Structural and Investment Funds Regulations, Delegated and Implementing Acts and the programme Implementation Manual.
3. The LP shall promptly inform the JS about any audits that have been carried out by the bodies mentioned in § 12.1 of this contract.
4. If, as a result of the controls and audits any expenditure is considered non eligible according to the regulatory framework as in § 1 of this contract, the procedure described in § 13 and § 6 (4) of this contract shall apply.

## § 13

### Withdrawal or recovery of unduly paid-out funds

1. In case the MA or CA discover (e.g. during the day-to-day management or during on-site checks) any unduly paid out funds, e.g. due to administrative errors or irregularities, a breach of contract or infringement of the legal provisions as laid out in § 1 of this document, or in case the MA is notified of such cases, the MA or CA shall, if necessary in consultation with the respective MS concerned and by informing the MC, demand from the LP repayment of the subsidy in whole or in part.
2. The LP shall ensure that, if applicable, the concerned PP repays the LP any amounts unduly paid in accordance with the Partnership Agreement and the Implementation Manual. The amount to be repaid can be withdrawn from the next payment to the LP or, where applicable, remaining payments can be suspended. In case of closed projects, the LP is obliged to transfer the unduly paid-out funds to the MA. The repayment amount is due within one month following the date of receiving the letter by which the MA asserts the repayment claim; the due date will be stated explicitly in the order for recovery. In case of e-mail correspondence the relevant date shall be the date of sending the e-mail, regardless of the date of receiving any mails sent additionally in hardcopy version. If the letter is sent in a hardcopy version only, it is assumed that the mail is received three days after the date on which the mail was posted.
3. Any delay in effecting repayment shall give rise to interest on account of late payment, starting on the due date and ending on the date of actual payment. The rate of the late interest applied to the amount to be recovered will be calculated in accordance with Article 147 of Regulation (EC) No 1303/2013.
4. In case factors behind the recovery procedure show violation of the Subsidy Contract (see § 18 of this contract) the MA will consider the termination of the contract as last resort. In any case the partnership will be heard before taking a final decision on the termination of the contract.

## § 14

### Publicity, communication and branding

1. Unless the MA requests otherwise, any notice or publication made by the project including presentations at conferences or seminars, shall point out that the present project was implemented through financial assistance from ERDF funds of the CENTRAL EUROPE CP as required by Annex XII to Regulation (EU) 1313/2013. All information, communication and branding measures of the project shall be carried out in accordance with the aforementioned rules, the latest version of the approved Application Form, the programme Implementation Manual and any other guidelines issued by the programme on the matter. The LP shall take care that the PPs comply with these requirements and provide them with relevant documents and any programme guidelines.
2. Any notice or publication relating to the project made in any form and by any means, including the Internet, must state that it only reflects the author's view and that the programme authorities are not liable for any use that may be made of the information contained therein.
3. The LP also takes the full responsibility for the content of any notice, publication and marketing product provided to the MA which has been developed by the LP, any of the project partners or third parties on behalf of the LP or the project partners. The LP is liable in case a third party claims compensation for damages (e.g. because of an infringement of intellectual property rights). The LP will indemnify the MA in case the MA suffers any damage because of the content of the publicity and information material.
4. The LP shall ensure that the project partnership complies with all publicity, communication and branding obligations (e.g. on the use of the programme logo, information requirements, organization of events etc.) as further specified in the programme Implementation Manual.
5. The Programme Authorities shall be authorized to publish, in any and by any means, the following information:
  - a) the name of the LP and its partners
  - b) contact data of project representatives
  - c) the project name
  - d) the summary of the project activities
  - e) the objectives of the project and the subsidy
  - f) the project start and end dates
  - g) the ERDF funding and the total eligible cost of the project
  - h) the geographical location of the project implementation
  - i) Abstracts of the progress reports and final report
  - j) whether and how the project has previously been publicised

6. The MA is entitled to furthermore use these data for information and communication purposes as listed in Annex XII of Regulation (EU) No 1303/2013, cited in § 1 of this contract.

7. The MA on behalf of the MC and of other programme promoters at national level is entitled to use the outputs of the project in order to guarantee a wide spreading of the project deliverables and outputs and to make them available to the public. The LP agrees that the outputs are forwarded by the MA to other programme authorities as well as the Member States taking part in the programme to use this material to showcase how the subsidy is used.

For the purpose of meeting the objectives as set out in § 6 of this contract the LP has to provide evidence of the deliverables and outputs produced as further specified in the Implementation Manual.

8. Any communication campaign, media appearance or other publicity of the project shall be communicated to the MA/JS for potential website updates or showcases.

## § 15

### Ownership – Use of outputs

1. Ownership, title and industrial and intellectual property rights in the results of the project and the reports and other documents relating to it shall, depending on the applicable national law and/or the Partnership Agreement, vest in the LP and/or its PPs. The partnership is entitled to establish the property rights of the products deriving from the project.

2. The ownership of outputs having the character of investments in infrastructure or productive investments realised within the project must remain with the concerned LP and/or PPs according to the timeframe as well as under the conditions set in Article 71 of Regulation (EU) No 1303/2013. Should any of the conditions set by the mentioned Regulation not be met at a certain point of time, the MA/JS must be immediately informed by the concerned LP or PP. The MA will recover the unduly paid ERDF contribution in proportion to the period for which the requirements have not been fulfilled.

3. The LP respects all applicable rules and the basic principles related to competition law as well as the principles of equal treatment and transparency within the meaning of the funding regulations and it ensures that no undue advantage, i.e. the granting of any advantage that would undermine the basic principles and political objectives of the funding regime, is given to anybody. Outputs and results, especially studies and analyses, produced during project implementation are made available to the general public free of charge and can be used by all interested persons and organizations in the same way and under the same conditions as by the LP or its PPs.

4. The MA reserves the right to use the outputs and results for information and communication actions in respect of the programme. In case there are pre-existing intellectual and industrial property rights which are made available to the project, these are fully respected.

5. Any income generated by the intellectual property rights must be managed in compliance with the applicable EU, national and programme rules on revenues and state aid.

## § 16

### Revenues

Earnings generated during the project implementation through the sales of products and merchandise, participation fees or any other provisions of services against payment must be deducted from the amount of costs incurred by the project in line with Art 61 of Regulation 1303/2013 and stipulations in the programme Implementation Manual. The LP undertakes to contractually forward these stipulations to its project partners

## § 17

### Assignment, legal succession

1. The MA is entitled at any time to assign its rights under this contract. In case of assignment the MA will inform the LP without delay.
2. The LP is in exceptional cases and in well-founded circumstances allowed to assign its duties and rights under this contract only after prior written consent of the MA and the MC. The procedure will be further specified in the Implementation Manual.
3. Where according to national laws the legal personality does not change and where all assets of the LP or a PP are taken over so that a deterioration of the financial capacity of the acquiring institution is not to be expected (i.e. in cases of universal succession) prior consent by the MC is not necessary. The LP, however, will submit related information together with all documents that are necessary to analyse the legal case in due time to the MA/JS. If the MA/JS comes to the conclusion the conditions as stated above are not fulfilled (e.g. in cases of a singular succession), the LP will be informed that a partner change procedure as stated in § 17 (2) has to be initiated.
4. In case of assignment or any form of legal succession of a LP or PP the LP or PP concerned is obliged to assign all rights and obligations and all project related documents to each and any assignee or legal successor. Related reports to the MA/JS as requested in the programme documents have to be forwarded by the LP.

## § 18

### Termination and repayment

1. In addition to the right of termination as laid down in § 3 the MA is entitled, in whole or in part, to terminate this contract and/or to demand repayment of subsidy in any of the following circumstances:
  - a) the LP has obtained the subsidy through false or incomplete statements or through forged documents;
  - b) the LP and its partners receive additional funding from the European Union for all or part of the project expenditure reported under the Programme during the period of the implementation of the project;
  - c) the project has not been or cannot be implemented, or it has not been or cannot be implemented in due time;
  - d) the project has not started in due time and even a written reminder by the MA/JS remains unsuccessful;

- e) a change has occurred, e.g. with regard to nature, scale, ownership, cost, timing, partnership or completion of the project, that has put at risk the achievement of the results planned and stated in the latest version of the approved Application Form;
- f) the project outputs and results are not in line with those described in the approved application;
- g) the LP has failed to submit required reports (e.g. the progress reports according to the overview table of reporting targets and deadlines annexed to this contract) or proofs, or to supply necessary information provided that the LP has received a written reminder setting an adequate deadline and explicitly specifying the legal consequences of a failure to comply with requirements and has failed to comply with this deadline;
- h) the LP has infringed its duty to ask for prior written approval where indicated by this contract or in the programme Implementation Manual or has failed to immediately report events delaying or preventing the implementation of the project funded or any circumstances that mean a change of the disbursement conditions and frameworks as laid down in this contract;
- i) the LP or its PPs obstruct or prevented the financial control and auditing as indicated in § 12 of this contract;
- j) the amount of funding awarded has been partially or entirely misapplied for purposes other than those agreed upon;
- k) insolvency proceedings are instituted against the assets of the LP or one of the PPs or insolvency proceedings are dismissed due to lack of assets for cost recovery or the LP or one of the PPs closes down or liquidates, provided that this appears to prevent or risk the achievement of the project objectives;
- l) the provisions related to income and revenues as mentioned in § 15 and 16 of this contract are infringed or the LP does for any other reasons not make available the outputs to the MA;
- m) exceeding the permissible limits of the funding regulations (e.g. Article 61 of Regulation (EU) No 1303/2013) the LP wholly or partly sells, leases or lets the project outputs/results to a third party;
- n) regulations of EU-law including the horizontal policies or national regulations have been violated;
- o) the ownership of project outputs having the character of investments in infrastructure or productive investments did not remain with the concerned LP and/or PPs for the timeframe and under the conditions set in Article 71 of Regulation (EU) No 1303/2013;
- p) it has become impossible to verify that the progress report is correct and thus the eligibility of the project by funding from Interreg CENTRAL EUROPE Programme;
- q) the LP and/or any of the PPs is in the situation of undertaking in difficulty, within the meaning of point 24 (in conjunction with point 20) of the "Guidelines on State aid for rescuing and restructuring non-financial undertakings in difficulty" (Communication from the Commission No. 2014/C 249/01 of 31.07.2014) as well as in compliance with Article 3(3) d) of Regulation No 1301/2013;
- r) the LP has failed to fulfil any other conditions or requirements for assistance stipulated in this contract and the provisions it is based on, notably if these conditions or requirements are meant to guarantee the successful achievement of the programme objectives;

2. Prior to or instead of terminating the contract as provided for in this article, the MA may suspend payments as a precautionary measure, without prior notice. This measure shall be lifted as soon as the reasons for such measures cease to apply or requested proof can be furnished.

3. If the MA exercises its right of termination and the LP is demanded full or partial repayment of amounts already paid, the LP is obliged to transfer the repayment amount to the MA. The repayment amount is due within one month following the date of the letter by which the MA asserts the repayment claim; the due date will be stated explicitly in the order for recovery.

4. If a LP or PP fails to return unduly paid funds in another project funded by the Interreg CENTRAL EUROPE CP, the MA has the right to withdraw the corresponding ERDF from any open payment in this project.

5. If the MA exercises its right of termination, offsetting by the LP is excluded unless its claim is undisputed or recognised by declaratory judgement.

6. If the MA exercises its right of termination and the LP is demanded full or partial repayment of amounts already paid. Any delay in effecting repayment shall give rise to interest on account of late payment, starting on the due date and ending on the date of actual payment. The rate of the late interest applied to the amount to be recovered will be calculated in accordance with Article 147 of Regulation (EC) No. 1303/2013.

7. After termination of this contract, the LP's obligations (inter alia §§ 11, 12, 13, 18, 21) and liabilities remain.

8. Bank charges incurred by the repayment of amounts due to the MA shall be borne entirely by the LP.

9. If any of the circumstances indicated in the aforementioned point 1 of this paragraph occur before the full amount of subsidy has been paid to the LP, payments may be discontinued and there shall be no claims to payment of the remaining amount.

10. As laid out in § 3.3, the MA is entitled to terminate this contract if the European Commission fails to make the funds available due to reasons that are outside of the sphere of influence of the programme.

11. Any further legal claims shall remain unaffected by the above provisions.

## § 19

### Force majeure

1. Force majeure shall mean any unforeseeable and exceptional event affecting the fulfilment of any obligation under this subsidy contract, which is beyond the control of the LP and PPs and cannot be overcome despite their reasonable endeavours (e.g. substantial changes due to changes in political or financial terms) Any default of a product or service or delays in making them available for the purpose of performing this contract and affecting the project performance, including, for instance, anomalies in the functioning or performance of product or services, labour disputes, strikes or financial difficulties do not constitute force majeure.



2. If the LP or PPs are subject to force majeure liable to affect the fulfilment of its/their obligations under this subsidy contract, the LP shall notify the MA via the JS without delay, stating the nature, likely duration and foreseeable effects.

3. If the MA is subject to force majeure liable to affect the fulfilment of its obligations within the framework of this subsidy contract, it shall notify it to the LP without delay, stating the nature, likely duration and foreseeable effects.

4. Neither the MA nor the LP or the PPs shall be considered to be in breach of their obligations to execute the project if it has been prevented from complying by force majeure. Where LP or PPs cannot fulfil their obligations to execute the project due to force majeure, grant for accepted eligible expenditure occurred may be made only for those activities which have actually been executed up to the date of the event identified as force majeure. All necessary measures shall be taken to limit damage to the minimum.

## § 20

### Litigation

1. This contract is governed by and construed in accordance with the laws of the Federal Republic of Austria. Thus, the laws of Austria shall apply to all legal relations arising in connections with this agreement.

2. In case of disputes between the MA and the LP, presumption of the good faith from the LP will be privileged and, prior to litigation, mediation procedures shall be set in place.

3. In case of litigation the venue is the court of competent jurisdiction at the seat of the Administration of the City of Vienna (location 1010 Vienna, City Hall). Legal proceedings will be in German.

## § 21

### Concluding provisions

1. The provisions mentioned in § 1 of this contract shall apply and the rights and obligations derived thereof shall become part of this contract. All cited laws, regulations and Programme documents mentioned are applicable in their currently valid version. The LP declares to respect the legal framework as mentioned and to contractually forward this obligation to the project partnership.

2. The programme language is English. Thus, all correspondence with the MA/JS under this contract must be in English language. Documents have to be submitted as requested in this contract or other programme documents.

3. Unless otherwise stated, all communication is sent to the JS with its office as mentioned on the programme website.

4. If any provision in this contract should be wholly or partly ineffective, the parties to this contract undertake to replace the ineffective provision by an effective provision which comes as close as possible to the purpose of the ineffective provision.

5. In case of differences that are not ruled by this contract, the parties agree to find a conjoint solution.

6. Amendments and supplements to this contract and any waiver of the requirement of the written form must be in written form and have to be indicated as such. Consequently, any changes of the present contract shall only be effective if they have been agreed on in writing and have been designated as amendment of or supplement to the contract.

7. Any costs, fees or taxes not eligible or any other duties arising from the conclusion or implementation of this agreement shall be borne by the LP and/or its PPs.

8. Two copies will be made of this agreement; of which each party keeps one. The LP is free to accept and sign this contract within two months after having been offered it by the MA (date of the submission by e-mail). After two months the offer of the MA loses any relevance unless the MA agrees to a prolongation of this period of time.

9. The present contract shall come into force upon signature of both parties to this contract. It remains valid as long as any duties linked to the ERDF subsidy might be claimed and in any case at least until the end of the applicable retention period as communicated by the MA to the LP in compliance with the programme Implementation Manual.

12. 06. 2017

(Place + Date)

VIENNA, 12 July 2017

(Place + Date)

Name of the legal representative  
of the lead partner

(Signature + Stamp)

MARTIN HUTTER

Name of the legal representative  
of the City of Vienna  
(Head of the Managing Authority  
of the Interreg CENTRAL EUROPE programme)

(Signature + Stamp)

Annexes:

- Approved application form
- Overview table on reporting targets and deadlines
- Financial guarantee (Applicable only in case of private LP)

The following documents <sup>4</sup> can be downloaded from the Programme's website [www.interreg-central.eu](http://www.interreg-central.eu)

- Application Manual <sup>5</sup>
- Implementation Manual

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<sup>1</sup> Eligible project budget of the approved application Form. Final figure dependent on budget consumption of partners with different cofinancing rates.

<sup>2</sup> In line with Article 21 (1) of Regulation (EU) No 1299/2013 the MA is also responsible for carrying out the functions of the CA. Both bodies are under the control of the contracting party, but act independently from each other. Therefore, rights and obligations of both bodies are listed separately in this document.

<sup>3</sup> To be included in the "supplementary information" section of the application form.

<sup>4</sup> As laid out in § 1 these documents form part of the legal framework that the LP/PP declare to observe.

<sup>5</sup> The specific Manual of the application round in which the project has been approved applies.

# Ann 1

## Overview table on reporting targets and deadlines

### Periods

Period Number	Start Date	End Date	Reporting Date	Amount to be reported
0	01-05-2017	01-06-2017	31-12-2019	15.000,00
1	01-06-2017	30-11-2017	30-01-2018	430.619,58
2	01-12-2017	31-05-2018	31-07-2018	428.547,08
3	01-06-2018	30-11-2018	30-01-2019	458.241,45
4	01-12-2018	31-05-2019	31-07-2019	382.622,01
5	01-06-2019	30-11-2019	30-01-2020	483.222,40
6	01-12-2019	31-05-2020	31-08-2020	378.370,62

### Annex 3: List of PP's bank accounts

VŠB - Technical University of Ostrava with its office at (LeadPartner)  
17. listopadu 15/2172  
70833 Ostrava  
Czech Republic  
Bank account: 1017322983/0300  
IBAN: CZ76 0300 0000 0010 1732 2983  
BIC (SWIFT): CEKOCZPP

ACCENDO - Centrum pro vědu a výzkum, z.ú. with its office at (Partner 2)  
Švabinského 1749/19  
702 00 Ostrava  
Czech Republic  
Bank account: 1956711223/0800  
IBAN: CZ09 0800 0000 0019 5671 1223  
BIC (SWIFT): GIBACZPX

Główny Instytut Górnictwa with its office at (Partner 3)  
Plac Gwarków 1  
40-166 Katowice  
Poland  
IBAN: PL76 1050 1214 1000 0090 3126 4444  
BIC (SWIFT): INGBPLPW

Europejskie Ugrupowanie Współpracy Terytorialnej TRITIA z (Partner 4)  
ograniczoną  
odpowiedzialnością with its office at  
Zamkowa 3A  
43400 Cieszyn  
Poland  
IBAN: PL76 1050 1070 1000 0090 8019 8717  
BIC (SWIFT): INGBPLPW

Instytut Meteorologii i Gospodarki Wodnej - Państwowy Instytut  
Badawczy with its office at (Partner 5)  
Podleśna 61  
01-673 Warszawa  
Poland  
IBAN: PL23 1090 1056 0000 0001 3465 0472  
BIC (SWIFT): WBKPPLPP

Žilinská univerzita v Žiline with its office at (Partner 6)  
Univerzitná 8215/1  
01026 Žilina  
Slovensko  
IBAN: SK73 8180 0000 0070 0008 0882  
BIC (SWIFT): SPSRSKBAXXX

Miasto Rybnik with its office at (Partner 7)  
Ul. Bolesława Chrobrego 2  
44-200 Rybnik  
Poland  
IBAN: PL22 1020 2528 0000 0202 0468 8448  
BIC (SWIFT): BPKOPLPW

Statutární město Opava with its office at (Partner 8)  
Horní náměstí 69  
746 26 Opava  
Czech Republic  
Bank account: 3760662/0800  
IBAN: CZ41 0800 0000 0000 0376 0662  
BIC (SWIFT): GIBACZPX

Mesto Žilina with its office at (Partner 9)  
Námestie obetí komunizmu 1  
011 31 Žilina,  
Slovakia  
IBAN: SK44 5600 0000 0003 3035 9083  
BIC (SWIFT): KOMASK2X

Miasto Opole with its office at

(Partner 10)

Rynek-Ratusz

45-015 Opole

Poland

IBAN: PL20 1160 2202 0000 0003 2809 1013

BIC (SWIFT): BIGBPLPW

Statutární město Ostrava with its office at

(Partner 11)

Prokešovo náměstí 8

729 30 Ostrava

Czech Republic

Bank account: 5295012/0800

IBAN: CZ30 0800 0000 0000 0529 5012

BIC (SWIFT): GIBACZPX