

LUMAT NEWSLETTER #1

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THE IDEA OF LUMAT PROJECT

The idea of LUMAT is based on the key role that land use and management play for achieving the goals of sustainable environmental development. Environmental considerations are widely present in documents and decision-making procedures concerning land use: land-use planning indeed integrates environmental, social and economic objectives. Nevertheless, depending on a firm base of institutional power to foster multi-interest cooperation, it often causes territorial conflicts and a need for further extension of urbanized areas onto agricultural or semi natural areas.

Therefore environmental management should better enhance the tools available for land use planning to prevent undesired spatial patterns of urban sprawl and land degradation. In addition, an ecosystem services-

oriented approach offers a promising way to align conservation and production, in developing market based mechanism for ecosystem services by ascribing them economic and social value, thus improving human welfare by incorporating economic valuation into environmental management decisions.

Using this approach LUMAT consortium will cooperate to deliver concepts, tools and models for improving integrated environmental management of land resources in Functional Urban Areas.

Therefore the project results obtained from this cooperation will contribute to making cities better places for living and working.

FACTS AND FIGURES



INDEX

THE PROJECT.....	3
Expected Results.....	4
Work Packages.....	5
PRESENTATION OF THE LUMAT PARTNERS.....	6
MAIN EVENTS.....	11
Kick-off Meeting.....	11
Seminar in Ostrava.....	12
Meeting in Ruda Śląska.....	13
CONTACTS.....	14



THE PROJECT

The LUMAT project involves 13 partners among public and private bodies, research institutes, NGOs, administrations, SMEs. They represent 7 Center European countries with a common industrial past. The project objective is the Implementation of Sustainable Land Use and pilot projects in Integrated Environmental Management in 7 Central European Functional Urban Areas.

The LUMAT partnership will develop integrated “**Functional Areas Management Strategies (FAMS)**” with shared transnational territorial and scientific competence. FAMS will include **planning strategies with innovative technology** supported by **citizens participation**.

The implementation will be based on **agreed action plans and pilot/demonstration projects** for land and soil including information base and tools for the management of urban/peri-urban relationships. Local stakeholders will initiate pilot projects by using new interactive information tools from the Urban Atlas and citizen observatories. The ecosystem service concept will support the assessment

and decision-making process. Action plans will include financial instruments and institutional solutions e.g. land management agencies or permanent intermunicipal working groups.

Tools on FAMS methodology and participation will be an integrative part of FAMS: **minimize threats and environmental compensation to get more livable places** starting with the pilots in all regions (successful brownfield redevelopment, green infrastructure, sustainable land use on contaminated land).

The project relies on the interplay between strategies and instruments beyond existing practice and on a suitably comprehensive deployment of tools in these areas. The Work Packages (WPs) will be focused on:

- terms of reference (**WP1**),
- cooperation, organization and management by action plans (**WP2**),
- investment and pilot actions (**WP3**).





EXPECTED RESULTS



The project results will form the following outputs:

- **trainings on the topics of reduction of land-use conflicts, building of FUA identity, ecosystem services**
- **tools (management structures, decision support system)**
- **action plans of integrated specific character for FUAs in the partner's regions based on a common transnational format (concerning solutions enhancing urban/peri-urban coherence in the field of land and soil resources management).**

The project will aim at the better integration of environmental management in functional urban areas with land and ecosystem services management. The expected results of the project will be shown in **visible changes in partners' regions**. These changes will be identified as concrete physical changes in the urban environment such as site rehabilitation (small investment in Ruda Śląska), changes in form of new management structures (region of Graz, Trnava region, Torino Metropolitan Area, Ljubljana region), changes in soil sealing (reported as a prognosis of environmental effects - reduction of soil sealing and urban sprawl - of implementation of action plan for Slovenian pilot area).

All these changes will be achieved through a **transnational cooperation** of institutional and regional partners who will be involved (with other invited entities) in the trainings, and through the work on concrete project outputs. In this way the project will contribute to the enhancement of integrated environmental management capacities in public sector and other entities in FUAs.





WORK PACKAGES



PROJECT MANAGEMENT

Led by IETU - Institute for Ecology of Industrial Areas

ACTIVITIES N.

4

DELIVERABLES N.

27

TIMELINE

5.2016-4.2019



METHODOLOGY, TRAININGS AND COMMON UNDERSTANDING OF LAND USE IN INTEGRATED ENVIRONMENT MANAGEMENT

Led by STUBA - Slovak University of Technology in Bratislava

ACTIVITIES N.

7

DELIVERABLES N.

8

TIMELINE

5.2016-11.2018



URBAN/PERI-URBAN ACTION PLANS, STRATEGIES AND TOOLS

Led by LfULG - Saxon State Office for Environment, Agriculture and Geology

ACTIVITIES N.

7

DELIVERABLES N.

16

TIMELINE

9.2016-2.2019



APPLICATION OF INTEGRATED ENVIRONMENTAL LAND MANAGEMENT IN FUNCTIONAL URBAN AREAS

Led by EC - Energie Center Lipizzanerheimat LTD.

ACTIVITIES N.

9

DELIVERABLES N.

17

TIMELINE

5.2016-4.2019



COMMUNICATION MANAGEMENT

Led by SiTI - Higher Institute on territorial Systems for Innovation

ACTIVITIES N.

7

DELIVERABLES N.

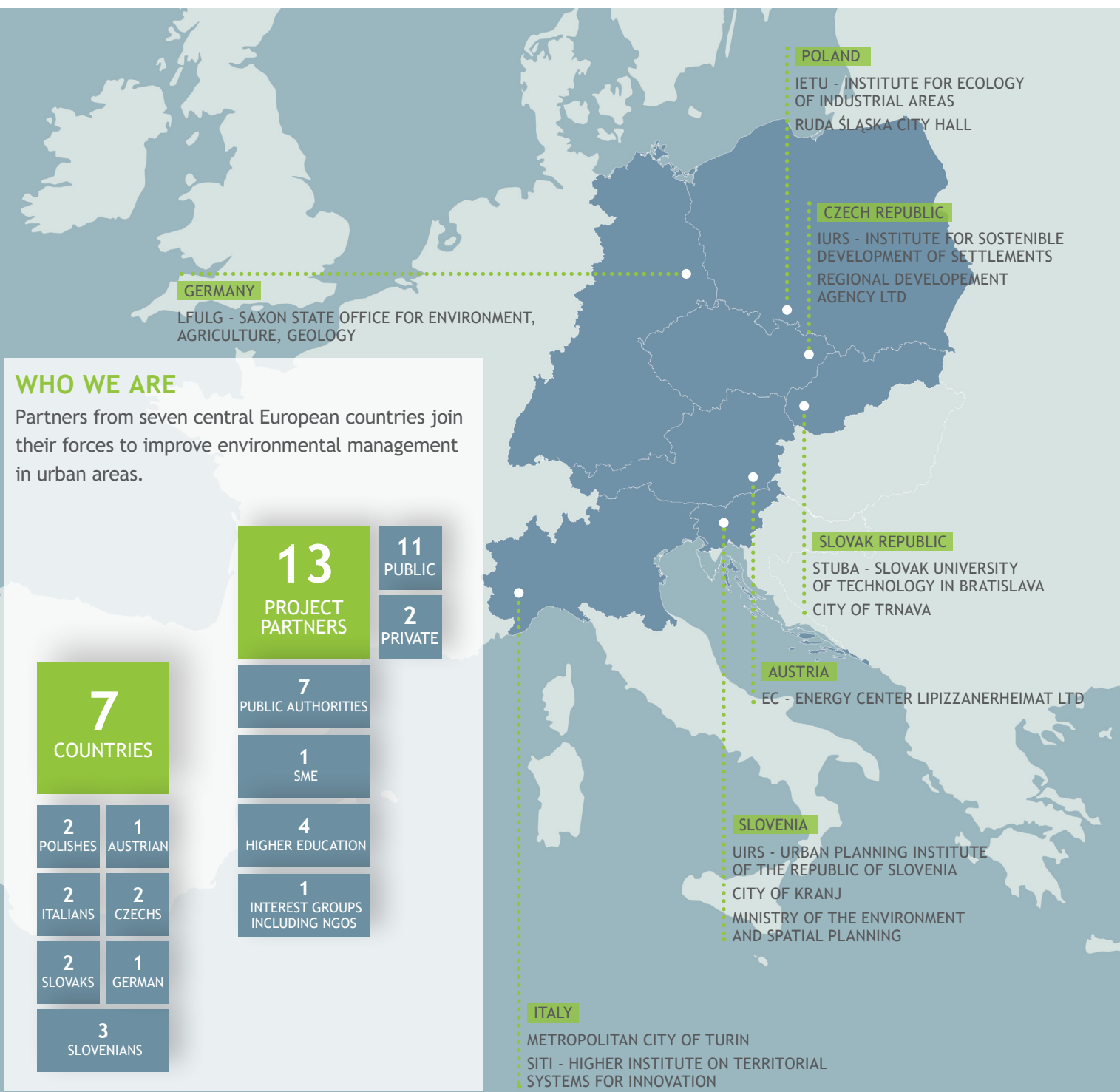
15

TIMELINE

5.2016-4.2019



PRESENTATION OF THE LUMAT PARTNERS



WHO WE ARE

Partners from seven central European countries join their forces to improve environmental management in urban areas.

7
COUNTRIES

2 POLISHES 1 AUSTRIAN

2 ITALIANS 2 CZECHS

2 SLOVAKS 1 GERMAN

3 SLOVENIANS

13
PROJECT PARTNERS

11 PUBLIC

2 PRIVATE

7 PUBLIC AUTHORITIES

1 SME

4 HIGHER EDUCATION

1 INTEREST GROUPS INCLUDING NGOS



INSTYTUT EKOLOGII TERENÓW UPRZEMYSŁOWIONYCH (IETU) INSTITUTE FOR ECOLOGY OF INDUSTRIAL AREAS

LEAD PARTNER

PL

PUBLIC

HIGHER
EDUCATION
& RESEARCH

The Institute for Ecology of Industrial Areas (IETU) is a research and development unit acting under the Polish Ministry of Environment. IETU carries out scientific, research and development work as well as educational activities aimed at addressing problems in highly urbanized and industrialized areas. IETU's research and consulting activities focus on: sustainable development, environmental policy and management, environmental risk analysis and assessment, environmental impact assessment, life cycle analysis and assessment, data acquisition and processing for the needs of spatial planning, identification, monitoring and assessing of environmental and human exposure, environmental pollution effects, technologies for pollution emission reduction, brownfields remediation, and revitalization. IETU provides also expertise and consulting services. IETU performs goal-oriented projects for all levels of governmental administration, local governments, industry, other research and development units, consulting firms as well as for private individuals.

URZĄD MIASTA RUDA ŚLĄSKA (UM RUDA ŚLĄSKA) THE CITY HALL OF RUDA SLASKA

PILOT INVESTMENT PROJECT

PL

PUBLIC

LOCAL
AUTHORITY

Ruda Śląska is a Polish city of the Silesian Voivodeship. It covers an area of 77.7 square kilometres and it counts about 145,000 inhabitants. It is an important city in the Upper Silesian metropolitan area - the sixth in term of population. Ruda Śląska constitutes a Functional Urban Area which shares located in the central parts of the cities. Within LUMAT project, investments is provided for Rehabilitation of brownfield site in Ruda Śląska to create public space with recreational functions.

SÄCHSISCHES LANDESAMT FÜR UMWELT, LANDWIRTSCHAFT UND GEOLOGIE (LFULG) SAXON STATE OFFICE FOR ENVIRONMENT, AGRICULTURE AND GEOLOGY

DE

PUBLIC

REGIONAL
AUTHORITY

LfULG is the public authority for environment, agriculture, geology, and rural areas in Saxony. Its primary activities include environmental monitoring, supporting agricultural and environmental measures, welfare-oriented applied research as well as professional education and training in the agricultural and horticultural sector. LfULG also develops strategies and region-specific recommendations for viable and sustainable agricultural and environmental policies.

ISTITUTO SUPERIORE SUI SISTEMI TERRITORIALI PER L'INNOVAZIONE (SITI) HIGHER INSTITUTE ON TERRITORIAL SYSTEMS FOR INNOVATION

IT

PRIVATE

HIGHER
EDUCATION
& RESEARCH

SiTI is a no profit association (Research Institute) set up in 2002 between the Politecnico di Torino (Technical University of Turin) and the Compagnia di San Paolo (foundation of bank origin), to carry out research and training oriented towards innovation and socio-economic growth. SiTI has a strong interdisciplinary approach, specifically devoted to territorial systems. Its research activities are mainly focused on the following sectors: Logistics and transport, Environmental heritage and urban redevelopment, Environmental protection. The "Environmental heritage and urban redevelopment" Research Unit will be particularly involved in LUMAT project.



CITTÀ METROPOLITANA DI TORINO (MCT) METROPOLITAN CITY OF TURIN

IT

PUBLIC

LOCAL
AUTHORITY

From 1st January 2015 the Province of Turin has changed its legal name to “Città Metropolitana di Torino” (Metropolitan City of Turin). The Metropolitan City of Turin is a local authority at sub-regional. The Metropolitan City has the following purposes, taking into account the specific territorial requirements: adoption and annual update of the Strategic Plan of the metropolitan area; promotion and coordination of economic and social development; promoting the protection and enhancement of cultural identities in an organic context, integrated and polycentric organization and integrated management of public services, infrastructures and communication networks of interest of the Metropolitan City; mobility and viability; promotion and coordination of information systems and digitization in metropolitan contest; care of the institutional relations, related to their level, to guaranteeing and promoting all forms of collaboration and cooperation with the cities and metropolitan areas of Europe.

ENERGIE CENTER LIPIZZANERHEIMAT GMBH (EC) ENERGY CENTER LIPIZZANERHEIMAT LTD

AT

PRIVATE

SME

The Energy Center Lipizzanerheimat GmbH was established by the region in co-operation of municipalities, institutions and SME to support relevant and ambitious targets in the region. The clear focus of the activities and competence of the EC are initiation, implementation and management of energy projects (RES, EE and soft mobility) in the region, but also for environmental management issues (e.g. implementation of the climate- and energy-model region Lipizzanerheimat, development of quick-check - climate and environment for Styrian regions). With its Know how the EC supports community-based projects in different fields by providing technical and management assistance and ensures the sustainability of the results.

The EC acts also as a platform in the region for companies and decision makers to support the communication for implementing projects in different fields as it is needed for LUMAT. The competence of the EC comprises as a set of achievements and measures: e.g. initiation and implementation of regional and EU-projects, support of startups, forcing PPP models, implementation of events and workshops.

SLOVENSKÁ TECHNICKÁ UNIVERZITA V BRATISLAVE (STUBA) SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

SK

PUBLIC

HIGHER
EDUCATION
& RESEARCH

Slovak University of Technology in Bratislava is a public university and offers education mainly in technical, technological, technical-economical, technical-information and technical-artistic fields of study using the modern methods of education, laboratories and practical training.

The SPECTRA Centre of Excellence with its activities contributes to economic, social and cultural integration in Europe by permanent research and proposals of the solutions for optimization of spatial structures of settlements, it helps meet the objectives of sustainable spatial development, management and planning as well as to balancing regional disparities, improving public participation, quality of life and strengthening social equity in Europe.



MESTO TRNAVA (COT) CITY OF TRNAVA

SK

PUBLIC

LOCAL
AUTHORITY

Trnava is one of the oldest and most important cities in Slovakia. It is a natural centre of lower Považie, the seat of the Trnava district and Trnava Self-Governing region. With the population of 65 000 inhabitants it is the seventh biggest city in Slovakia. It plays important role of the secondary core of the so-called Central European Region.

Trnava is for its strategic location and for the existence of higher technical education attractive for investments with higher added value. Nowadays Trnava is a developed industrial city with wide possibilities for work and study but also with the lack of green localities for relax of citizens and visitors. Investments will be done in Trnava within Lumat: one of the output of the project will be the Restoration of neglected natural park for sports and recreation zone in location Štrky.

INSTITUT PRO UDRŽITELNÝ ROZVOJ SÍDEL Z.S (IURS) INSTITUTE FOR SUSTAINABLE DEVELOPMENT OF SETTLEMENTS

CZ

PUBLIC

INTEREST
GROUP
INCLUDING
NGO

IURS - Institut pro udržitelný rozvoj sídel o.s. is a nonprofit Civic Association registered under the Czech law. IURS was founded in 2001 with an aim to draw attention to urban issues and to help a wide variety of local stakeholders with understanding of the principles of sustainable urban development. IURS is connected to several international networks and projects. On the national level IURS has build up a top expertise in a variety of aspects related to brownfield regeneration and sustainable land use. Over the last several years IURS expanded into broader issues of sustainable urban development and integrated urban regeneration. It advocates and lobbies at levels formulating national policies and programs, as well as at other stakeholders' levels. In its technical and advocacy capacity IURS is on the Czech market filling a gap between activities carried out by academic and research bodies, institutional governance organizations, commercial companies and lobbying subjects.

AGENTURA PRO REGIONÁLNÍ ROZVOJ, A.S (ARR) REGIONAL DEVELOPMENT AGENCY, LTD

CZ

PUBLIC

REGIONAL
AUTHORITY

The Regional Development Agency is a joint-stock company 100% owned by the Moravian-Silesian Region. It was established to support various aspects of development, and it is involved in a wide range of activities on behalf of the Region. All of the RDA's activities are targeted to benefit the Region, its people, companies and institutions. Some of these activities:

- Support for investment opportunities;
- Support for enterprise and innovation via clusters, exhibitions and trade fairs, workshops, seminars and training courses;
- Support for enterprise and innovation via externally funded projects;
- Mapping of brownfields in MS Region;
- Administration of database of former industrial sites;
- Support for owners of brownfield sites - project preparation, grant management;
- Marketing of brownfields theme in the Region - conferences, workshops, field trips;
- Support for regional authority - assistance in selection of brownfields, suitable for financial support from regional grant programmes.



URBANISTIČNI INŠTITUT REPUBLIKE SLOVENIJE (UIRS) URBAN PLANNING INSTITUTE OF THE REPUBLIC OF SLOVENIA

SL

PUBLIC

HIGHER
EDUCATION
& RESEARCH

The Urban Planning Institute of the Republic of Slovenia (UIRS) was established in 1955 as a research and consultancy agency. Since 1962 the Institute has operated as an independent research institution. Its activities include research and expert development work in the fields of urban and regional planning and related disciplines. In 1993 the Urban Planning Institute became a public research organization, recognized and partly financially supported by the Slovene government.

The Institute works in the frame of wider urban, regional and spatial planning and in the field of professional development. The UIRS performs basic and applicative research projects at the international, national, regional and local levels, addressing various issues and processes of the urban and spatial development of Slovenia and the wider area.

MINISTRSTVO ZA OKOLJE IN PROSTOR (MOP) MINISTRY OF THE ENVIRONMENT AND SPATIAL PLANNING

SL

PUBLIC

NATIONAL
AUTHORITY

By encouraging and directing spatial development, the Ministry strives to develop and achieve the social well-being and freedom of every individual while conserving the environment, landscape diversity and natural resources.

General guidelines and principles of urban planning have already been included in Slovenia's strategic documents, such as the Spatial Development Strategy of Slovenia, the Spatial Order of Slovenia and the National Housing Programme. Common objectives for future spatial development are, in particular:

- to provide decent housing for everyone;
- to bring settlements in line with the new social and spatial cohesion and a higher level of social interaction;
- to ensure conditions for everyday life in historical urban centres;
- to limit dispersed construction and to protect unbuilt areas;
- to ensure that heating, cooling and lighting of buildings does not further damage the environment;
- to protect national, regional and local characteristics of the land, architecture and landscape;
- to ensure the development of modern architecture.

MESTNA OBČINA KRANJ (MOK) CITY OF KRANJ

SL

PUBLIC

NATIONAL
AUTHORITY

Kranj is the biggest city in Gorenjska region and third largest in Slovenia. It has around 55.000 citizens. City of Kranj is typical industrial city with problems left from socialist times. Former system left big spaces of abandoned degraded areas. In last decade, Kranj did a lot of work on revitalisation of degraded areas. City of Kranj is taking care for all public services. It is aware that city should be proactive also in land policy and management if city wants to develop business and industrial zones.



MAIN EVENTS

28-29|06|16

KATOWICE
POLAND

KICK-OFF MEETING

On June 28-29th 2016, partners from 7 different countries participated in the Kick-off meeting of the LUMAT project, organized in Katowice (Poland) by the lead partner IETU - Institute for Ecology in Industrial Areas. The meeting was welcomed by Dr. Janina Fudała - IETU Deputy Director for Research and Development, followed by an introduction from Dr. Anna Starzewska-Sikorska, Coordinator of the project. Dr. Uwe Ferber described the project philosophy and methodology.

All the other work packages were then presented by the respective WP leaders.

During the kick-off meeting, all the partners had the opportunity to be greeted by the Deputy Mayor Mr. Michael Pierończyk in the

city hall of Ruda Śląska and visit the pilot site and some other interesting sites with environmental issues surrounding the city.

The meeting represented a chance to know each other, to present the role of each partner in the project and to share the ideas for pilot projects as well as to deepen the management issues during the steering committee meeting.

It was also an opportunity to align the project with the Interreg Program guidelines, thanks to the presence of Mr. Christophe Ebermann from the Joint Secretariat.

Next meeting - combined with the Project Steering Committee - will take place the 5th-6th December 2016 in Dresden.





SEMINAR IN OSTRAVA

5|10|16

OSTRAVA
CZECH REPUBLIC

On the 5-th of October the seminar concerning brownfields problems and their potential has taken place in the Technical University in Ostrava. The LUMAT partner - Institute for Sustainable Development of Settlements was one of the seminar organizers.

The seminar agenda included the presentation of the LUMAT project by the project co-ordinator dr Anna Starzewska-Sikorska as well as the introduction to the concept of the investment in Ruda Śląska as one of the project activities presented by Ms. Anna Grzybowska from the City of Ruda Śląska.

Also representative of the LUMAT partner - Regional Development Agency in Ostrava - Mr. Jiri Stepan has presented the role of brownfields in the development of the Moravska Gate Corridor.

During the seminar the results of the competition on the best diploma in the field of land development have been announced and the prizes given to the winners.

The competition was organized in honour of Ms Jirina Bergatt Jackson - the person very well known by the most of the LUMAT partners as the partner of the CIRCUSE project. It was the last project she has been the partner of before she died in 2014.

After the seminar a meeting of several LUMAT project partners took place. It was devoted to the discussion of current issues connected with the project management and implementation of the workpackages WP T1 (training seminars and methodology) and T2 (action plans for integrated environmental management in functional urban areas).





FIRST PUBLIC HEARING CONCERNING THE INVESTMENT IN RUDA ŚLĄSKA IN THE FRAMEWORK OF THE LUMAT PROJECT

13|10|16

RUDA ŚLĄSKA
POLAND

The meeting took place in Ruda Śląska in the Elementary School no. 4 located in the vicinity of the investment site. The meeting was devoted to initial information of the inhabitants about the planned investment and particularly to the necessary changes of the location of garages situated in the neighbourhood of the site.

The meeting was chaired by the City Deputy Mayor Mr. Michał Pierończyk, who has introduced shortly the idea of the investment. Then Dr. Anna Starzewska-Sikorska has presented shortly the LUMAT project itself and after this presentation Mr. Michał Adamczyk from Ruda Śląska City Hall has described generally the idea of the regeneration of the post-industrial brownfield.

The presented concept included the general outline of the activities that have to be undertaken to implement the idea of creating a new recreation area in the centre of the city. Then the discussion started during which people wanted to know if the material from the dumping site will be removed or not and whether after the regeneration the site will be safe from the environmental and health point of view.

After the discussion it was announced that the next meeting concerning more details on the investment framework will take place in December when the author of the technical documentation will be selected. Then the inhabitants will have an opportunity to express their ideas and wishes on the project.



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Slovak University
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in Bratislava



Ministry of the Environment
and Spatial Planning



Saxon State Office for
Environment, Agriculture
and Geology



City of Trnava



City of Kranj



Higher Institute on
Territorial Systems
for Innovation



Institute for Sustainable
Development of
Settlements



Interreg
CENTRAL EUROPE



Metropolitan City
of Turin



Regional Development
Agency, ltd



LUMAT

European Union
European Regional
Development Fund

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