

# TEMPLATE

## Output factsheet: Trainings

Version 1

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| <b>Project index number and acronym</b>         | CE89 LUMAT  |
| <b>Lead partner</b>                             | IETU Katowice   |
| <b>Output number and title</b>                  | O.T1.4 Trainings for project target groups on the subject of FUAs integrated environmental management in Poland               |
| <b>Responsible partner (PP name and number)</b> | LP, Institute for Ecology of Industrial Areas   |
| <b>Project website</b>                          | <a href="https://www.interreg-central.eu/Content.Node/LUMAT.html">https://www.interreg-central.eu/Content.Node/LUMAT.html</a> |
| <b>Delivery date</b>                            | July 1, 2019  |

### Summary description of the implemented training measure(s), explaining the specific goal(s) and target groups

The concept of local training for professionals of environmental management and land use planning has been prepared in two formats: lectures and workshop. The trainings have been focussing on 4 subjects: 'Ecosystem services and integrated environment management process', 'citizens involvement – InViTO tool', 'FUA Identity' and 'conflicts reduction'.

The event has been organised as 2-days training session on 6<sup>th</sup> – 7<sup>th</sup> June 2018 at IETU premises. During the training session 4 workshops have been prepared.

The subject of ecosystem services has been presented as the conceptual basis of sustainable FUAs'. During the two stage lectures, workshop participants were informed about the history and development of the definitions of ecosystems. Ecosystem divisions types were also provided, including natural and anthropogenic ecosystems. After introductory part, participants were learned about the relationship between ecological processes and - ecosystem functions and services and how ecosystem function can be translated to ecosystem services.

The training on the InViTO tool included: presentation of the general concept of the tool basing on project partners materials, presentation of an implementation of the InViTo tool in Polish conditions and description of the functionality of that tool, and development of 3 cases of InViTo tool for: Ruda Śląska, Chorzów and Świętochłowice. The training included lecture and workshop. The training required conducting preparation work, among which the crucial was development of the Polish FUA geoportal based on InViTo tool. Within the frame of the workshop trainee were divided into three groups. Thus

trainee could, led by the trainer, develop their own geoportal - application of the InViTo tool for given town.

FUAs identity has been presented in the context of high urbanised and densely populated areas of Upper Silesia Agglomeration. The goal of the workshop was to present criteria for defining FUAs according to characteristics of this local context. Participants using maps with basic information like level of population, technical infrastructure ( roads, water infrastructure) as well as green open spaces and types of natural ecosystems and land use types, worked on delimitation FUAs which composed on cities and their vicinity.

Land use conflict has been presented based on existing examples from Upper Silesia region, then methods of conflicts resolution have been presented. Second part of workshop focused on identification of land use conflicts within the context of climate change challenges. Main spatial aspects of climate hazards have been identified. The audience has been divided into three groups and worked on defining solutions for selected conflicts' reduction. There were recognised three general types of possible ways of conflicts reduction: technical (investments), institutional as well as educational related to increasing social awareness.

#### NUTS region(s) where training(s) have been conducted (relevant NUTS level)

The training developed in the LUMAT project is concerning NUTS region of the Central-Eastern Europe: PL22, Śląskie.

#### Expected impact and benefits of the trainings for the concerned territories and target groups

The impacts and benefits of the trainings are in improvement of professional knowledge, in building-up capacities of decision-makers, increase of potential for citizen participation and at the same time supported collaboration capacity of key players and target groups in FUAs.

The training was attended by 20 participants: 14 from local public authorities and 6 – general public.

#### Sustainability of the training(s) and developed training material(s) and their transferability to other territories and stakeholders

All training materials are available on the project web: [www.lumatproject.eu](http://www.lumatproject.eu) and can be used for other FUAs in the EU. The trainings modules are prepared in an understandable way, able to be modified and augmented from the point of view of different aspects involved in FUA development in order to respect regional and local specificities in FUAs. This approach ensures transferability between countries. At the same time training materials support also transfer the best practice from the countries of the LUMAT partnership to other territories and stakeholders.

## Lessons learned from the development and implementation of training measures and added value of transnational cooperation

Understanding of the complexity of the “FUA identity concept”, its context, structure and significance for integrative strategies and understanding of a new dimension of the role of professionals – mediation of the FUA identity concept and its implementation in the planning practice. “Ecosystem services” as new concept in planning enlightened its basis of arguments for strengthening and implementation of ecological spatial solutions in the planning practice. Participants gained a new instrument “InVito” to support participation in planning as well as to increase qualified intervention of the public into the decision-making processes and consider the visual impacts of the proposed projects. Module “Reduction of Land Use Conflicts” strengthened the skills of the participants for mediation of land use conflicts, to anticipate the possible conflicts in land use in the planned projects and awareness about the new role of planners as mediators in the processes of spatial development.

## References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

- D.T1.3.1 Training seminars report on improvement of partners knowledge and common understanding.
- D.T1.4.1 Training material and outcomes of seminar on ecosystem services and citizen involvement.
- D.T1.6.1 The concept of local training for professionals of environmental management and land use planning.
- D.T1.7.1 Training material in national languages.
- D.T1.7.2 Training report on improvement of skills in FUAs integrated environmental management.