

# TEMPLATE

## Output factsheet: Trainings

Version 1

<b>Project index number and acronym</b>	CE983, FramWat
<b>Lead partner</b>	WULS
<b>Output number and title</b>	O.T2.2 - TRAINING: National trainings and regional workshop on how to assess effectiveness of the NSWRMs
<b>Responsible partner (PP name and number)</b>	<ol style="list-style-type: none"> <li>1. WULS</li> <li>2. SWME</li> <li>3. MTDWD</li> <li>4. Limnos</li> <li>5. HV</li> <li>6. UL</li> <li>7. WCL</li> </ol>
<b>Project website</b>	<a href="https://www.interreg-central.eu/Content.Node/FramWat.html">https://www.interreg-central.eu/Content.Node/FramWat.html</a>
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### Summary description of the implemented training measure(s), explaining the specific goal(s) and target groups

The specific goals of national trainings which were organized by PPs in 6 pilot river basins were to familiarize stakeholders, particular target groups and APs with developed methods and to train them how to apply methodologies in river basins. To discuss and test the methodologies and mainly to train participants on how to use the developed GIS based assessment tool/s. National trainings were organized during the preparation of the concept plan (A.T2.3) and testing models (A.T2.4). So further goal was to present draft Concept plans A.T2.3 (Developing the Concept plan for N(S)WRM in river basins) and support their preparation and improvement based on consultation with stakeholders. To collect PPs experiences and comments gained during the trainings with the aim to improve developed methods/methodologies and/or tools tested via pilot actions A.T2.2 Method on Static assessment (Developing the GIS based method to assess cumulative effect of N(S)WRM at the river basin scale) and A.T2.4 Dynamic modelling (Application of dynamic water quantity and/or quality models. Regional workshop summarized lessons learnt and experiences from national trainings, concept plans development and GIS tools and model applications in pilot river basins. At the workshop the overall methodology to assess effectiveness as well as risks of developed approach were discussed and evaluated among PPs. In total 6 national trainings and 1 regional workshop were organized by PPs. Report from each of national trainings was compiled by PPs. Each of PPs has focused on the most crucial issues according the status of implementation of the project in particular country. Experiences gained during the national trainings and recommendations from participants described in the reports will be used by WP leader to improve the approach to assess effectiveness of the system of measures and will

influence the content of the Manual on how to assess effectiveness of the system of measures (EAM, D.T2.5.3), which is the main deliverable/output (O.T2.1) of the activity T2. National trainings have covered whole spectrum of target groups namely local, regional and national public authorities, sectoral agencies, interested groups including NGOs, higher education and research organizations, international organizations and general public too from PPs countries and from all of the interested sectors as water management and water supply, agriculture, forestry, fishery and nature protection. The objective of national trainings was mainly to improve integrated water management capacities of public sector and other target groups for integration of NSWRRMs into water management planning process and also to increase stakeholders knowledge and understanding of cumulative effectiveness of NSWRRMs at river basin scale.

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

The national trainings and regional workshop have been conducted in 6 countries where 6 pilot river basins belongs to. These are Kamienna (PL721), Aist (AT313), Bednja (HR044), Nagykunsági (HU322), Slaná (SK032, SK042), and Kamniška Bistrica (SI041). For these pilot catchments the tools are developed, implemented and tested (total area 7610 km<sup>2</sup>). As some of national trainings were organized outside the area of pilot river basin, also stakeholders from additional NUTS region were invited and trained, namely Lunz am See (AT121), Zagreb (HR041) and Nitra (SK023), the rest of national trainings was organized in the cities belonging to the same NUTS regions as pilot river basins.

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

First expected impact of the national trainings was to raise awareness on developed methodologies and tools and on different types of NSWRRMs too. Further to present proposed variants of NSWRRMs (Concept plans) compiled based on analyses of needs and possibilities in concerned territories (Landscape valorization results). To train and familiarize different stakeholders on how to propose/design measures based on Landscape Valorization results and on how to compile Concept plan variants to be further assessed and to discuss next assessment of effects of measures variants via developed innovative systematic approach on how to assess effectiveness and systematic approach to support implementation (Method on Static assessment or Dynamic modelling). To present possibilities on how effectiveness of relevant measures can be modelled and to discuss the functionalities of developed tools and methodologies, to discuss with local stakeholders proposed region relevant criteria/indicators and it was given the opportunity to propose modifications/improvements. Within this frame the tools could be improved to be more relevant for particular territory or other catchments in the territory. Feedback from participants will help to improve or simplify tools and/or methodologies. Through the trainings the developed tools have been introduced and mediated to potential future users, target groups like water managers, foresters, farmers, environmental managers, state administration bodies. It was given the opportunity to comment and discuss the usability of the tools in their daily work by decision making or planning process. PPs got feedback on how feasible it is for different kinds of stakeholders to use the tools and to apply methodologies. The public sector capacities in water management planning process were improved. Discussions with representatives of academic sectors established the frame for further development of the tools as source codes are publicly available. In the case when Concept Plans (CP) were consulted, this will help to improve/compile better CP for particular pilot catchment.

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

Sustainability and transferability to other territories will be assured through Decision Support System (DSS) which is main online access point to all developed methodologies and tools. There are proposed separate blocks dedicated to Education (training materials) and Tools. DSS is developed with the aim to enable all results to other stakeholders from other territories. The availability is guaranteed until 01.05.2025. Additionally the selected results will be available via FramWat project website. If relevant training materials were published at temporary webpages for trainees. PPs have prepared printed materials for participants, e.g. maps for identification of NSWRLs location or queries were held among participants. Experiences with using the developed tools during trainings will be used to improve the functionalities of the tools, and comments and recommendations gained to proposed Methodologies will be used to update them (e. g. requirement to simplify methodologies for general users, recommendations to adapt tools to be usable in other catchments than pilot areas, ....). PPs have exchanged their experiences gained during trainings at Regional workshop. A new version of Method on Static assessment was developed. All experiences from trainings with using the tools will be implemented in updated versions of tools and incorporated into the Manual which comprises the using of all assessment tools. As source codes of developed tools will be/are publicly available at Gitlab, this gives the opportunity for further adaptation of trained tools to other territories. All trained stakeholders as part of stakeholders network will be further informed via emails on next stages of project deliverables/outputs refinement.

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

The training measures needs quite lot of time to be prepared.  
Background documents in national languages needs to be compiled for local stakeholders/target groups, to assure rooms with sufficient number of computers available to be located in pilot area in order to engage local stakeholders can be a challenge mainly for non-academic partners.  
One day trainings are not enough in the case when brand new stakeholders are invited.  
It was worth to invite stakeholders/target groups which have previously participated at some of actions (as national consultation, round table, etc.) as they were already know/familiarized with project scope, methods and tools to be developed and it was easier to work more efficiently with them during the training.  
The organizers can learn from experiences of other PPs to avoid the organizational complications, to share knowledge in preparation of scope and format of developed lecture materials or developed webtools to be shared among local stakeholders. And PPs have exchanged their experiences gained during trainings at Regional workshop.

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

If relevant tools to be trained and/or training materials were published for trainees at temporary webpages, e.g. temporary PL link <https://levis.sggw.pl/warsztaty>, webapplications for Concept plan developments structured per Expert and Local preferences variant were available online for e.g. PL, SK PPs (SK - <https://rekrek.maps.arcgis.com/apps/webappviewer/index.html?id=03895c79c30946199053ac39aa8445da>). The experiences of PPs gained during the trainings are compiled in 6 Reports from national trainings (D.T2.5.1) and in 1 report from Regional workshop (D.T2.5.2). The developed methodologies, tools manuals and the tools itself will be available via particular sections of DSS <http://levis-framwat.sggw.pl:8080/#/home> (Education, Tools). Source codes of developed tools are available via Gitlab <https://gitlab.com/framwat>.