

DANUBE FLOODPLAIN PROJECT

Reducing the flood risk through floodplain restoration along the Danube River and tributaries

National Administration Romanian Waters - LP
26 May 2020



Project co-funded by the European Union (ERDF, IPA funds)

6 Outputs

- Evaluated and ranked Danube floodplains (WP3) - delayed from P3 to P5;
- Flood prevention measures tested in pilot areas (WP4)- delayed from P4 to P5;
- MANUAL for floodplain restoration and preservation (WP5)-P5;
- Strategic GUIDANCE for Floodplain Management (WP5)- P5;
- ACTION PLAN for floodplain restoration/ preservation (WP5) – P5;
- TRAINING 30 EXPERTS - Floodplain Management Workshop (WP5) – P5.

Delays

Main reasons:

- difficulties in identifying former floodplain restoration areas;
- identification and evaluation of transboundary floodplains (coordination);
- the final results of the FEM assessment and the prioritization of the floodplains;
- harmonisation process among all tributaries;
- the 2D modelling, the ESS assessment results in the pilot areas – time consuming process more than expected;
- Coronavirus pandemic event;

Next meetings:

- in 9-10 June, online for SC and WPs;
- 30 expert trained in floodplain management in Bucharest postponed from June to Autumn;
- 15-16 October in Munich – Stakeholder workshop;
- Prolongation request for six months sent to the JS (31 May instead 30 November with closing event in April).

WP 2 – WWF Hungary & GWP CEE

- The Communications and Stakeholder Engagement Strategy done and permanent revised;
- Stakeholder engagement toolkit was made, guidance documents and support given to PPs– how to involve stakeholders
- Stakeholder analysis at National and Danube level - done;
- Factsheets in national languages issued and send to the PPs;
- Project website permanent updated;
- Second series of workshops in pilot areas for stakeholders involvement;
- two press trips in 2020 in two locations, RO & HU.

WP3 – Floodplain evaluation – SWME

Last meeting held in Banská Štiavnica in 18-19 February 2020 – established next steps to finalize activities

Activity 3.1 - Mapping based on GIS and evaluation of floodplains along the Danube River – USZ

1. List of jointly accepted data sources and criteria to build up DFGIS and DFInv - done;
2. Geodatabase and Danube Floodplain GIS for active and potentially restorable floodplains – June 2020;
3. Danube Floodplain Inventory for active and potentially restorable floodplains – June 2020.

Activity 3.2. Prioritization of existing and former floodplain restoration areas and associated measures – BOKU

1. Priority list with potential preservation and restoration areas (based on-FEM-tool)- June 2020;
2. Report on data included within database – done;
3. Inventory of measures from RBMPs, FRMP and other plans for the identified potential preservation and/or restoration areas -done

Activity 3.3. Floodplain assessment on selected tributaries – DRSV

- Krka, Yantra and Desnatui are done;
- remaining Tisza and Morava.

1. Map of floodplains on selected tributaries – June 2020;
2. List of floodplains, their characteristics, restoration/preservation potential and associated measures – June 2020;
3. Recommendations for floodplain assessment on tributaries including the description of implemented methods and classification criteria – June 2020.

WP4 - Flood Prevention pilots



WP4 - Flood Prevention pilots – TUM

Last meeting held in Bratislava in 3-4 March 2020 – established next steps to finalize activities

Act. 4.1 Assessment of Flood Protection Impact of Floodplain Restoration Measures – TUM & NIHWM

1. Report on the technical realization scenarios taken into consideration for modelling, the implementation in a 2D model and assessment of the impact as input for D 4.4.1 and part of output 4.1. – done
2. Technical document concerning the homogenization of different models, as well as the basin wide assessment of the strategy measures' impact and efficiency as input for D 4.3.4 and D 4.3.2. – June 2020.

Activity 4.2 Assessment of Stakeholders, Ecosystem Services, Biodiversity and Measures on selected Pilot areas – CUEI & TUM

1. Report about the stakeholders, their interests and their benefits from the floodplains in the pilot areas - done;
2. Report, database and maps of ecosystem services analysis of the pilot areas including a list, description, assessment, and ranking concerning the demands and supplies – done;
3. Report on the assessment of biodiversity in the pilot areas – done;
4. List of recommendations for restorations measures to fulfil WFD and FD requirements on pilot areas – part of 4.4.3.

Activity 4.3 CBA Analyses of Pilot areas integrating ESS – TUM & CUEI

1. Assessment results of the CBA in 5 pilot areas including ESS, stakeholders and biodiversity – October 2020
2. Method documentation of the CBA extended through ESS – October 2020;
3. List of recommendations of found potential interest conflicts and win-win solutions for stakeholders and pilot areas – part of 4.4.3
4. Summary of used complex methodology and process description on hydraulic 1D and 2D, CBA, ESS, ecological assessment and stakeholder analysis – October 2020.

Activity 4.4 Development of Danube Floodplain Evaluation Tool – BOKU & TUM

1. Pilot areas pre-feasibility or feasibility studies – November 2020;
2. General evaluation tool to assess restoration projects – November 2020;
3. Summary of general recommendations communicated in local, national and international stakeholder workshops – November 2020.

WP5 - Danube Floodplain Guide - NARW

Defining possible floodplain restoration and preservation approaches in the DRB – done

DRB floodplain restoration and preservation MANUAL – January 2021;

DRB Floodplain Management STRATEGIC GUIDANCE – March 2021;

Floodplain restoration/preservation ACTION PLAN – March 2021.