

CAMARO-D

Cooperation towards **A**dvanced **MA**nagement **RO**utines for land use
impacts on the water regime in the **D**anube river basin

Side event on 'Flood Protection and Water Management
related issues in the Danube Region - EUSDR PA4–Towards
reaching good status of waters in the DRB

5 July 2017, Mosonmagyaróvár, Hungary

Setting the scene – Introduction of the problem, why the project idea was generated? -

The **lack of integrated** river basin management,
both in terms of **water resources and flood-risk**,

is currently one of the most crucial **challenges**,
additionally **boosted by climate change**.

Thus it requires **advanced concerted action**,
particularly as the **impacts of land use** and vegetation cover on
water regime **within the Danube basin** area are quite similar.

Setting the scene – Introduction of the project area



This requires a strategic policy for the implementation of an innovative transnational catchment-based “**Land Use Development Plan**” (LUDP) for the **Danube River Basin**.

It shall guarantee both sustainable **protection of water resources** and improved **flood risk prevention**, initiated by the project and maintained beyond.



Consortium set-up

The partnership consists of

representatives of governmental bodies,
water suppliers,
research and education institutions,
agro-meteorological institutions,
environmental agencies and
spatial planning institutes

acting on local, regional and national level.

Main target groups

Partners also represent target groups of CAMARO-D as a basis for the project-idea and –development. Main fields of partnership consists of:

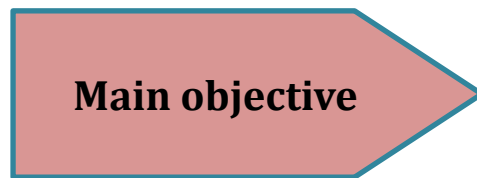
environmental status **assessment**,
elaboration of **land use guiding principles**,
flood forecasting, policy and strategy preparation,
spatial planning and water supply issues,
rural development (guidelines and adapted subsidies),
approval and control of the implementation of forest- and river-
related **management plans and strategies** respectively legislation



Basic information about the project

| | |
|----------------------------------|--|
| Number of partners: | 13 ERDF, 1 IPA, 9 ASPs |
| Project Budget: | € 2,588.138,- |
| Project Duration: | 01.01.2017 - 30.06.2019 |
| Project Lead Partner: | Austrian Federal Ministry of Agriculture, Forestry , Environment and Water Management |
| Project Manager: | Mrs. Elisabeth GERHARDT |
| Contact Details: | elisabeth.gerhardt@bfw.gv.at |
| Funded by: | ERDF, IPA funds |
| Official website of the project: | www.interreg- danube.eu/approvedprojects/camaro-d |

Project main objectives



Improved land use practices for the protection of water resources and flood risk prevention developing comprehensive recommendations towards a strategic policy for the implementation of an innovative transnational catchment-based “Land Use Development Plan” (LUDP)



Setting the frame for a harmonized transnational land use management system in catchment areas, taking into account the demands of water resources protection and flood prevention.



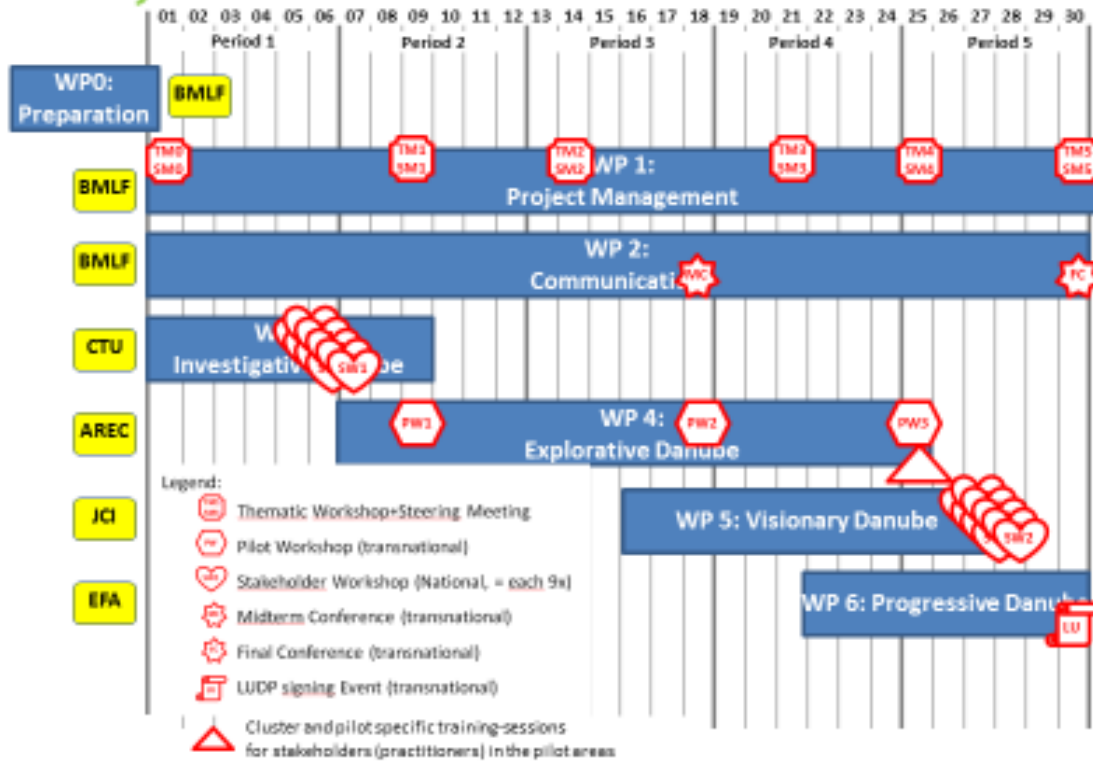
Harmonizing and improving the protection of water resources against negative impacts of land use and climate change as well as reduction of flood risk.



Bringing life to the project outcomes by translating the most effective and efficient land use management (LUDP) into practice within the pilot actions.

Main structure of the project

Project Structure & Timeline



Main structure of the project

Pilot action clusters



EUROPEAN UNION

Land use /
vegetation
cover –
protection of
**groundwater
resources**

Land use /
vegetation
cover along
**torrents, small
rivers** and their
catchment –
erosion, floods,
soil compaction,
surface runoff,
invasive plant
species and
water pollution

Land use /
vegetation
cover along
rivers –
erosion, floods,
soil
compaction,
surface runoff,
invasive plant
species and
water pollution

Link with the EUSDR (special focus on water management relevance and Flood protection when relevant) and other EU regularities



**EUSDR (Priority Area 4 & 5)
availability and quality of freshwater resources as well as the proper function
of ecosystems to maintain and restore biodiversity**

EU Water Framework Directive

EU Flood Directive

Blueprint 2014

EU Groundwater and Soil Framework Directive (proposal)

Natura 2000

RAMSAR convention

7. EU-Environment Action Programme

Expected project results

Indicator 2.1: Intensity of cooperation of key actors in the programme area in order to improve transnational water management and flood risk prevention

- Improved **trans-sector and transnational cooperation** between relevant stakeholders (esp. governmental institutions)
- Recommendations for **improved land management** (improving the framework conditions for decision processes of involved stakeholders), harmonization of measures
- **Guidelines and strategic planning instruments** to coordinate land use activities in catchments of the Danube River Basin

Synergies with other INTERREG projects - common area of interests, joint activities, actions, events etc.

DRiDanube

Drought Risk in the Danube Region

Acting as an Associated strategic Partner ASP5 of Vienna University of Technology

TUW looks forward to working together with the associated strategic partners represented by **BMLFUW**, EAA and ICPDR. Through this collaboration scientific results can be directly brought to the end-user and additional research questions can be defined on basis of the end users' needs.



THANK YOU FOR YOUR ATTENTION!

