



# Integrated application of innovative water management methods at river basin by coordination of local governments

Reference: LIFE20 CCA/HU/001604





# Basic information about the project

**Duration:** 01/10/2021 - 30/09/2025

**Partnership:**

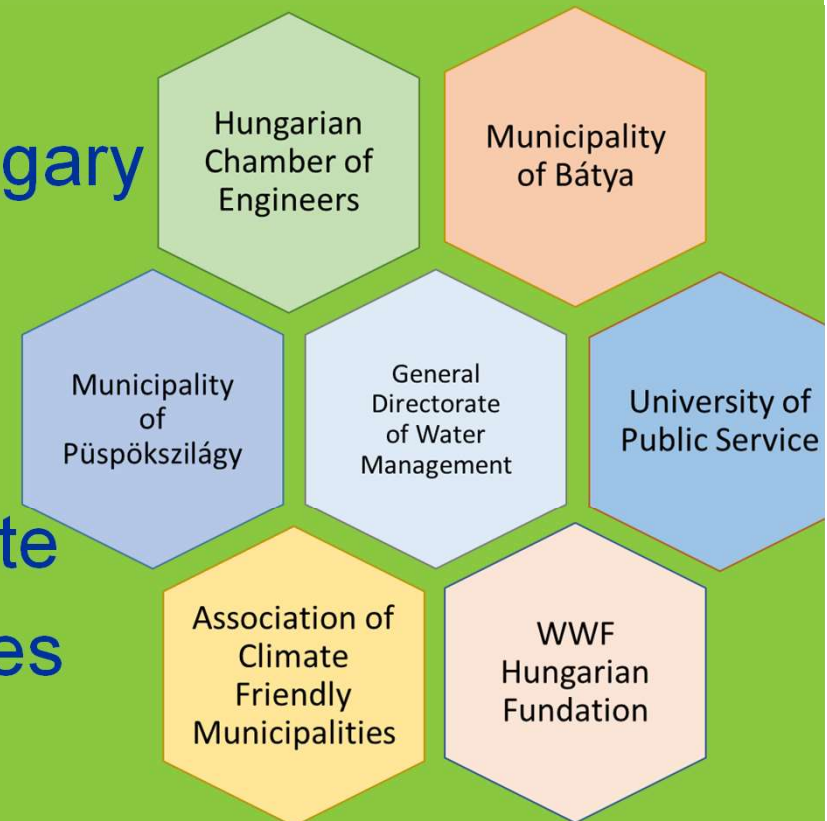
**CB:** Ministry of Interior of Hungary

**Abs:**

+12 municipalities at river basins

**Overall goals:** improve climate resilience of local municipalities and increased uptake of ecosystem-based water management solutions

**Budget:** 3,764,915 €





# Idea of the project

- Nationwide interventions
- Involve all actors affected in NbS
- Common starting point of view
- Integrated water management in a higher level → test NWRMs at river basin
- Wide stakeholder access
- Mainstream use of ecosystem based solutions
- Multi-level governance modell
- Municipalities are key actors in coordinating CCA locally and regional

+ Experiences of  
LIFE-MICACC  
project





# What is the NWRM?

## Solutions that are:



small-scale



design and implement quickly



cost-effective



reuse abandoned areas for water retention



close-to-nature  
(not concrete)



sustainable



ecological aspects,  
biodiversity



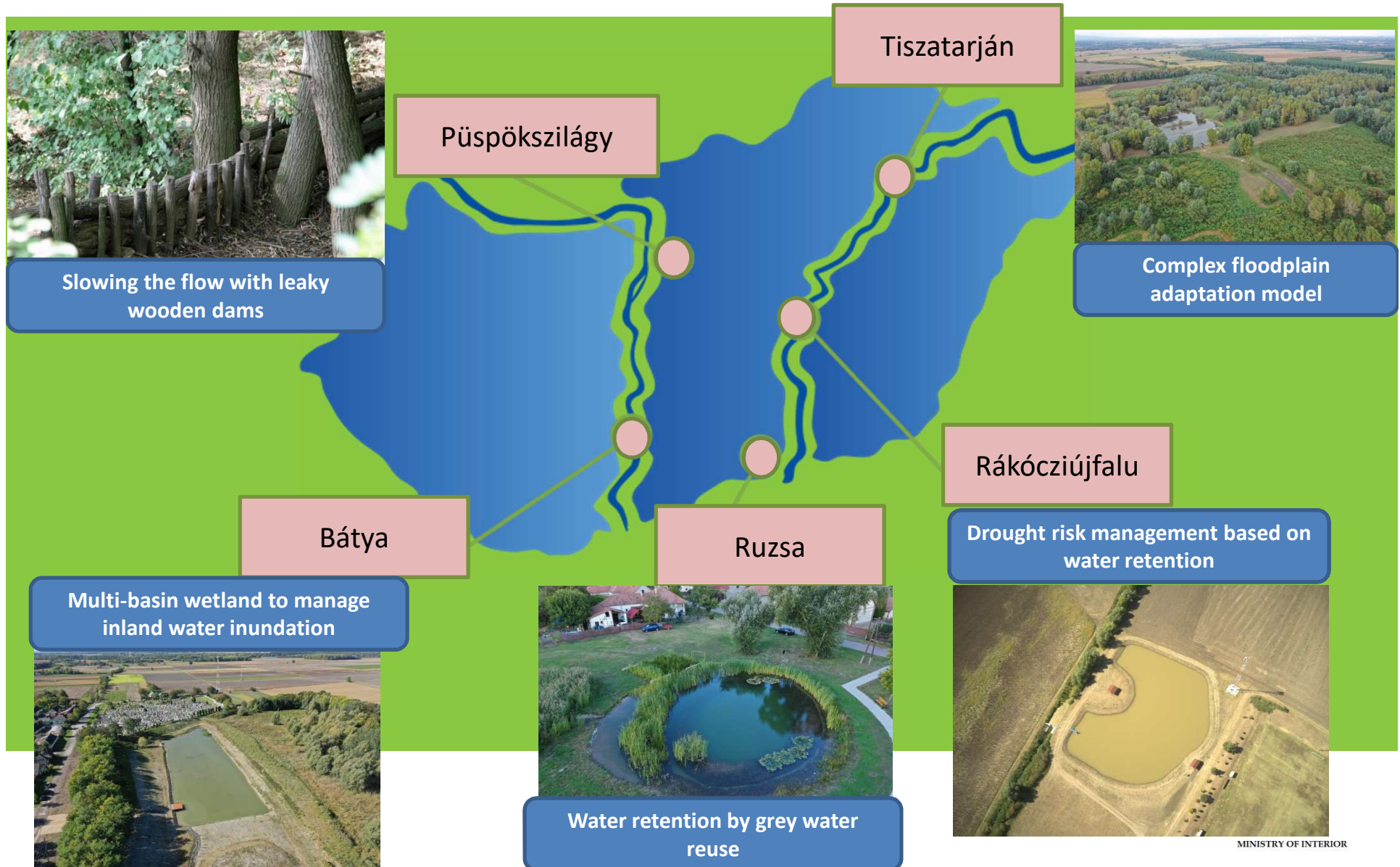
innovative





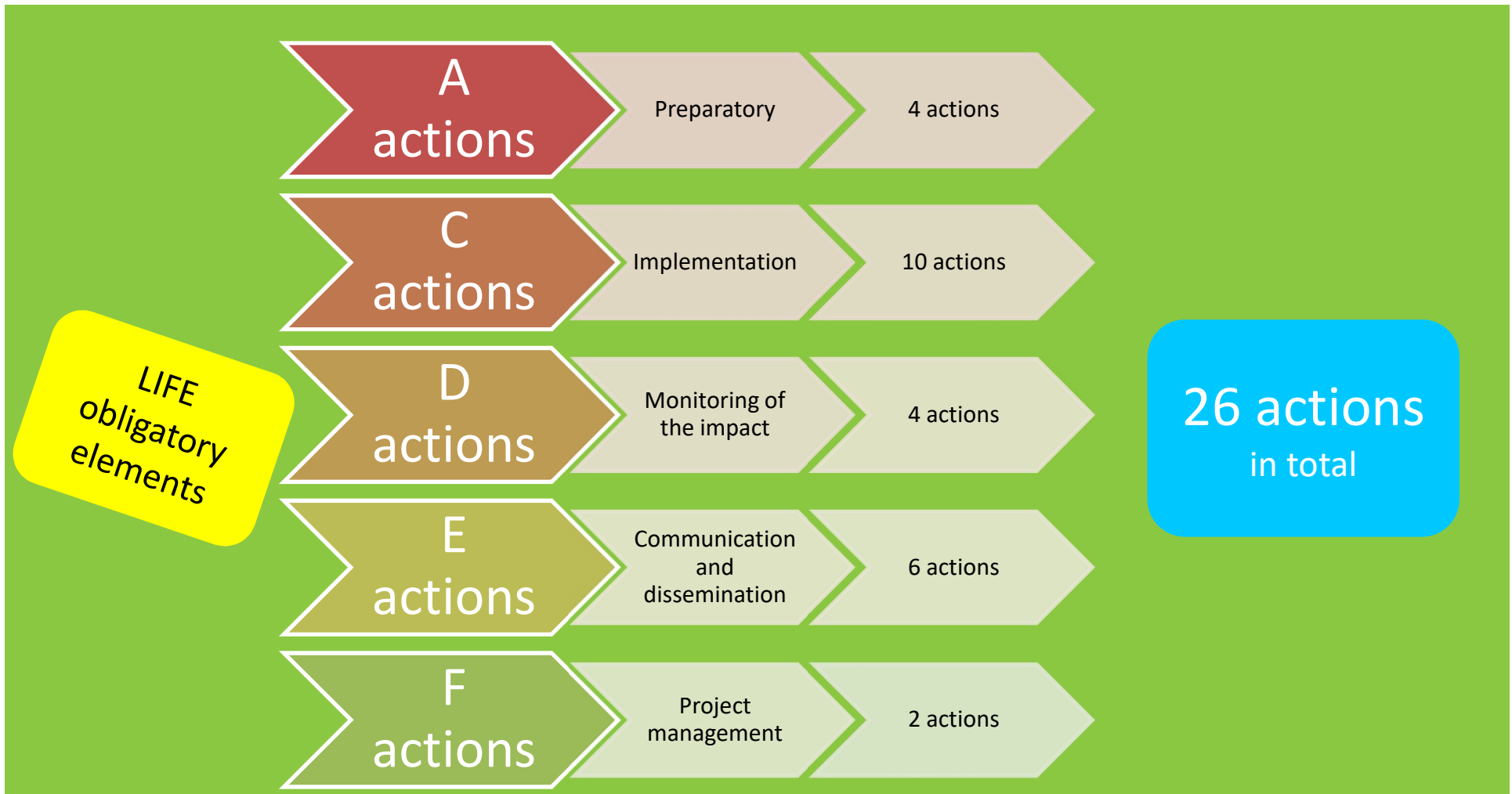


# LIFE-MICACC project





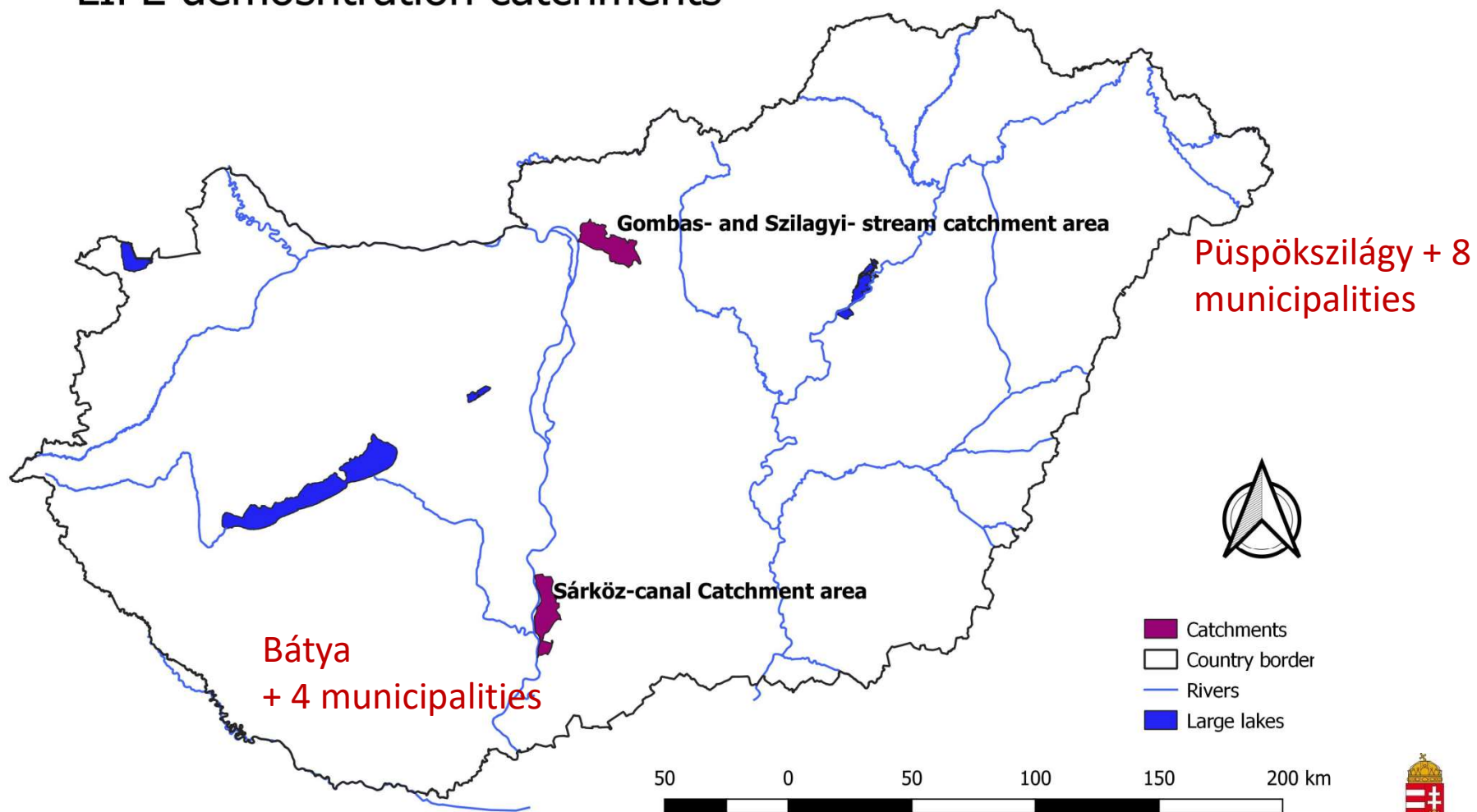
# Project actions of LIFE LOGOS 4 WATERS





# Project locations

## LIFE demonstration catchments





# Actions in details



## Test and demonstrate NWRMs

- 2 river basins (lowland and hilly pilots)
- ~20 NWRMs
- Local knowledge centres
- Hydrological and meteorology monitoring systems
- Ecological and environmental monitoring
- Virtual walks
- Government report
- Voluntary program



## Support municipalities in CCA

- Integrated Municipal Decision Support Platform
- Methodology guides
- Integrated Municipal Water Management Plans & guide
- 2 Municipal Support Programs
- Catchment level SECAPs
- Knowledge-sharing climate workshops



## Attitude shaping & knowledge transfer

- Professional trainings development
- Social media campaign
- Summer universities
- International closing conference
- Professional events
- Good practises database
- Environmental education program
- Animation and short movies







# LIFE LOGOS 4 WATERS PROJECT'S EXPECTED RESULTS AND IMPACTS

## Improved knowledge of the key experts and decision makers

- 5 training materials ~ 305 participants
- ~ 630 roadshow participants
- ~ 10 000 website visitors
- MDSP with ~1000 visitors
- All 3177 Hungarian municipalities reached
- 3 study trips and 3 conclusive studies

## Improved adaptive capacity and climate resilience

- 36 274 affected inhabitants
- Alltogether 20 new NWRMs
- water retention capacity increased by ~39 000 m3
- 50% decrease in the damage caused by flash floods per decade
- 2 SECAPs for 2 catchment areas 10 municipalities joining the CoM

## Improved climate governance at all levels

- 2 MCF (cooperation of 15 municipalities in 2 catchments)
- IMWMP for 8 municipalities and a methodology guide
- 2 municipal support programs
- transfer of ecosystem-based CCA methods to 15 municipalities
- replication of cooperation in 5 catchments
- 60 local decision makers and 30 000 citizens made aware





# Thank you for the attention!

**Petra Szatzker dr., LIFE LOGOS 4 WATERS project manager  
Ministry of Interior of Hungary**

+36 70/680-9705

[petra.szatzker@bm.gov.hu](mailto:petra.szatzker@bm.gov.hu)

[life@bm.gov.hu](mailto:life@bm.gov.hu)

<http://lifelogos4waters.bm.hu/>



MINISTRY OF INTERIOR