



**COMMUNITIES
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CLIMATE**

Balanced management of water resources along the Hungarian-Romanian border

Bring water to the landscape that is good for communities, nature and economy

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BROKEN BALANCE BETWEEN NATURE AND COMMUNITY AMPLIFIED BY CLIMATE CHANGE



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- Adverse land and water management
- Water direction vs. Water retention
- Droughts
- Inland excess water
- Floods
- Intensive agriculture
- Low economic activity and diversification

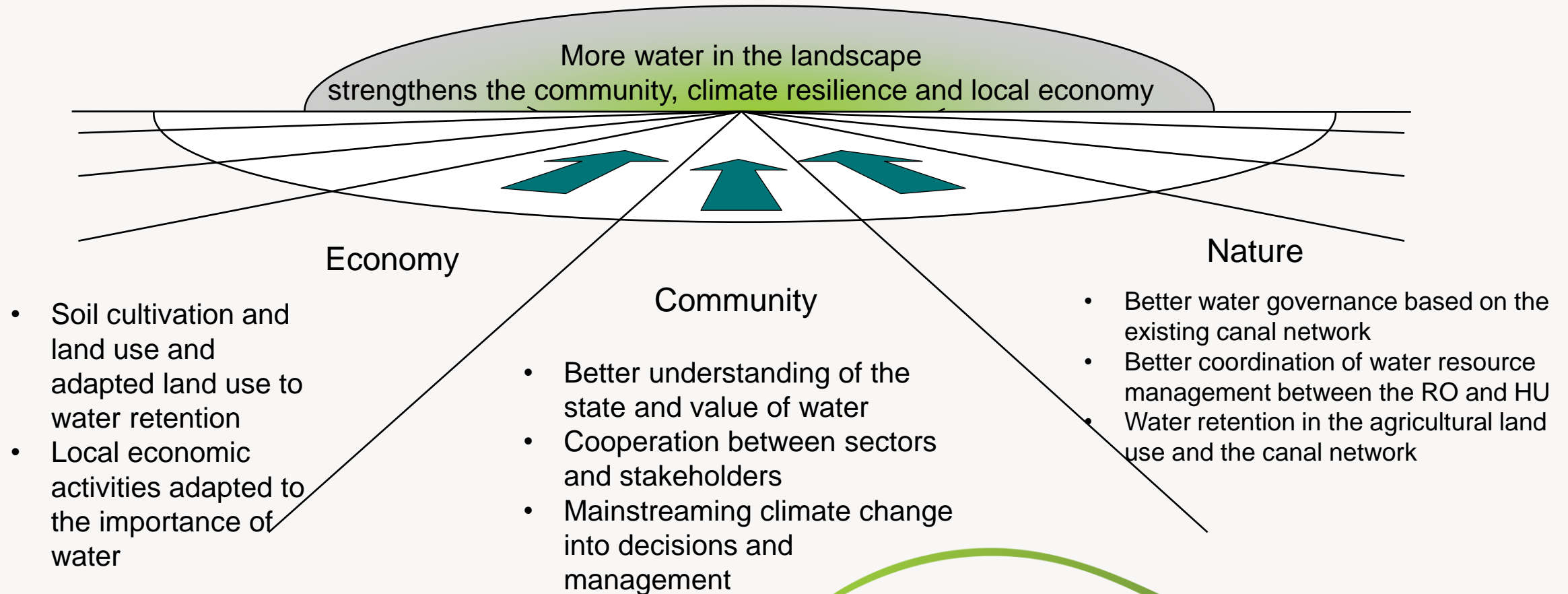


BRINGING WATER TO THE LANDSCAPE



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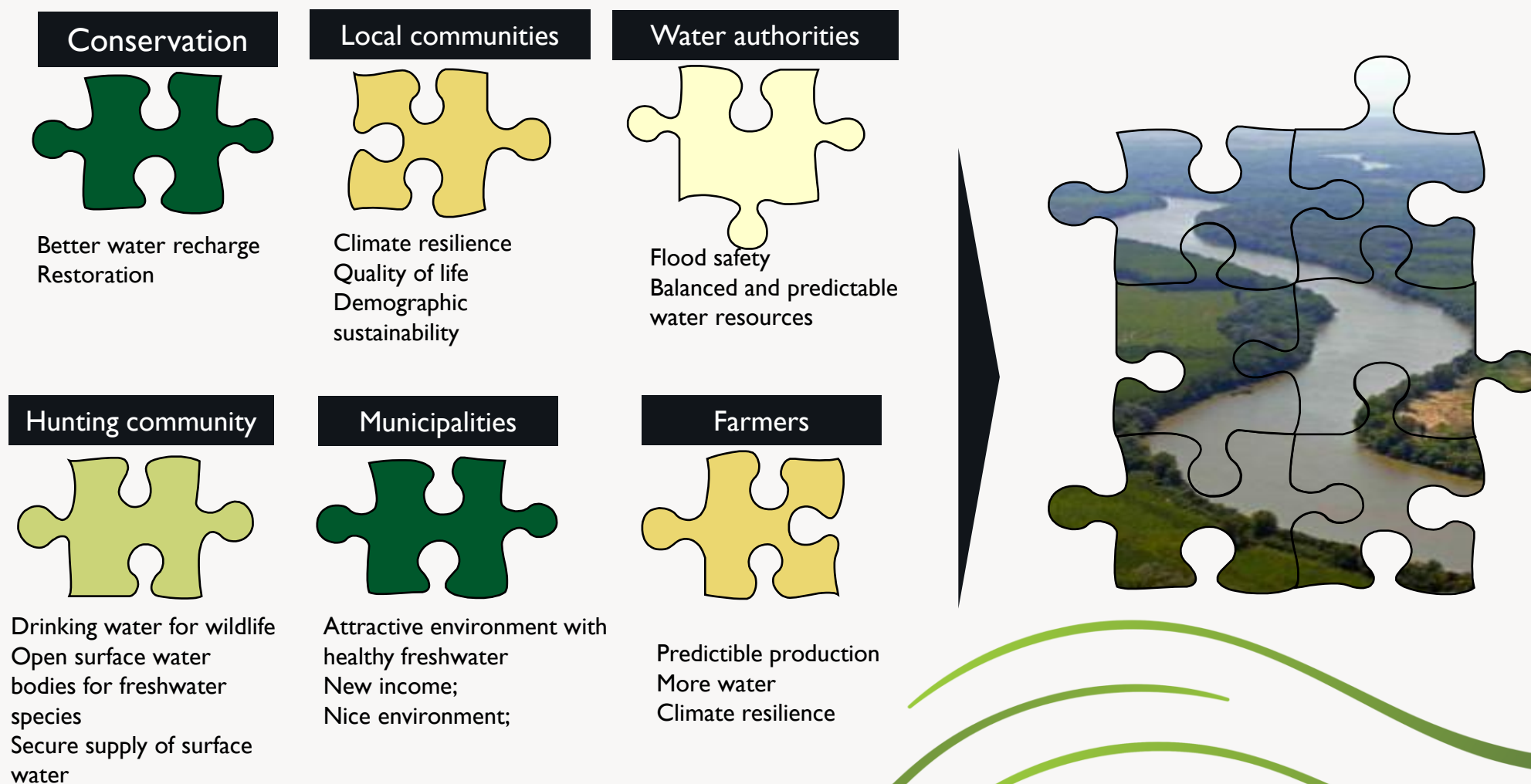
Identify the value of water in the community, economy and biodiversity





PARTNERS WITH DIFFERENT MOTIVATION AND IMPACT

Building the social base of the local catchment community



TIMELINE



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The expected contribution of the C4C project to the process is highlighted

Short term: 2024-2025

- Identification of **agricultural for water retention** (mainly from inland excess water, floodwater and small surface runoffs).
- Identification of the **development needs of the water&land management** system to absorb and govern surplus water
- Review and discuss **legislation on transboundary water governance and water resource management practices** with regard to crossborder small watercourses
- **Engage stakeholders** (agriculture, hunters, water authority, municipalities, conservation) and interested parties and identify their impacts and level of support in the launch of water retention based water management, agriculture and local economy
- Establishment of a **catchment community** structure: basics of operation, geographical scope, partners, financing, tasks
- **Identify funding sources** for pilot scale and magnification

Mid-term: 2025-2028

- Pilot scale: Prepare and submit application for a pilot project (either/or on HU side or both sides)
- Launch and implement a transboundary pilot project on water retention and water governance to balance inland excess water and small surface runoffs
- Modelling the functioning of the river basin community
- Recommendations for policy areas (DG AGRI, DG ENV, DG ENER, DG REGIO, DG CLIMA)

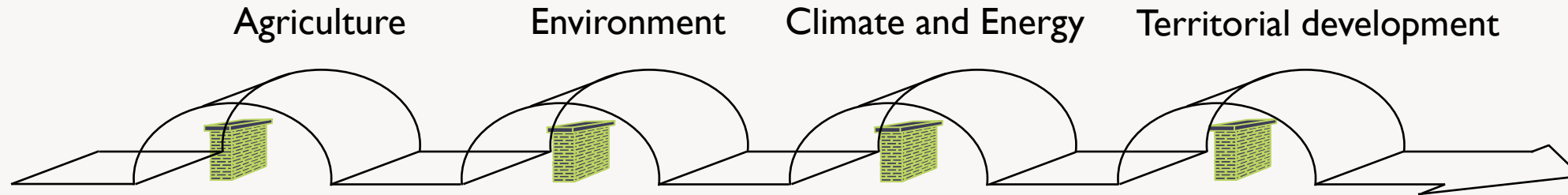
Long-term: 2028-2035

- Replication and magnification: Expand water retention-based water management and land use in the Bihor-Kis-Sárrét catchment
- Promote agricultural practices adapted to changing climatic conditions and hopefully improved water balance, and plan a food economy based on these practices



POLICY BARRIERS AND NEEDS

The following policy needs have been identified



Agri areas with temporary water coverage should be subsidised

Water retention should be supported vs irrigation

Illegal irrigation should be mapped and eliminated

Water retention to be subsidised over irrigation

Legal basis of transboundary water governance to be balanced

Legal basis for local communities to become catchment communities

Water steering, water transfer, water abstraction to be powered only by renewable energy

Institutional and legal framework for communities to manage water resources

Accounting for water retention in the carbon market

Territorial development practices that accelerate run-off and prevent infiltration should not be eligible for any EU fund



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THANK YOU!

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EU Funds



Communities for Climate (DG REGIO)