



Restore4Life

RESTORING WETLANDS  
FOR A SUSTAINABLE FUTURE

# RESTORE4LIFE: RESTORING WETLANDS FOR A SUSTAINABLE FUTURE



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**EU MISSIONS**

RESTORE OUR OCEAN & WATERS

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# Restoration of wetland complexes as life supporting systems in the Danube Basin

Restore4Life's overall Objective is to develop an online Restore4Life Wetland Restoration Decision Support System that will allow large-scale holistic wetland restoration activities in the Danube basin and Europe through extensive dialogue and co-creation with multiple actors

Program: Horizon Europe  
Mission Ocean – Danube Lighthouse  
Duration: 48 months (06/2023 – 06/2027)  
Consortium: 31 Partners  
Budget: €8.5M



Implementation Sites



Monitoring Sites



Partners



Months





IHG<sup>+</sup>  
Institute of  
Hydrobiology and Aquatic  
Ecosystem Management



KATHOLISCHE UNIVERSITÄT  
EICHSTÄTT-INGOLSTADT



IGB  
Leibniz Institute of Freshwater Ecology  
and Inland Fisheries



MINISTRY OF ENVIRONMENT,  
WATERS AND FORESTS



viadonau

UFZ  
HELMHOLTZ  
Centre for Environmental Research



INŠTITUT  
ZA VODE  
REPUBLIKE  
SLOVENIJE  
Institute  
for Water of  
the Republic  
of Slovenia



UCG  
Univerzitet Crne Gore

METEO  
ROMANIA



SOFIA UNIVERSITY  
"ST. KLIMENT OHRIDSKI"



NORTH-HUNGARIAN  
WATER DIRECTORATE  
MISKOLC



INSTITUTE FOR NATURE CONSERVATION  
OF VOJVODINA PROVINCE





# MISSION LIGHTHOUSES

Mission lighthouses are sites to test, demonstrate, and deploy the Mission activities across EU seas and river basins.

They try out new ideas and involve local businesses and people in the process.



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Protect and restore aquatic ecosystems

ATLANTIC - ARCTIC



Make the blue economy  
carbon-neutral and circular

BALTIC & NORTH SEA



Protect and restore ecosystems

DANUBE-BLACK SEA



Prevent and eliminate pollution

MEDITERRANEAN



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# Part of the EU Mission Ocean & Waters

With a 2030 target, the EU Mission “Restore our Ocean and Waters” aims to protect and restore the health of our ocean and waters through research and innovation, citizen engagement and blue investments.

The Mission’s new approach will address the ocean and waters as one and play a key role in achieving climate neutrality and restoring nature.



## DANUBE & BLACK SEA LIGHTHOUSE

The Mission supports regional engagement and cooperation through area-based “lighthouses” in major sea/river basins: Atlantic-Arctic, Mediterranean Sea, Baltic-North Sea, and Danube-Black Sea, which SUNDANSE is part of.



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[restore4life.eu](https://restore4life.eu)



## Project Goals:



Develop a Restore4Life  
Wetland Restoration  
Decision Support System



Empower the  
community



Support local revenue &  
business activities in  
restored ecosystems



Support the  
implementation  
of holistic wetland  
restoration solutions

# Enhancement of ecosystem services



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- Water and pollutant retention
- Carbon sequestration
- Tourism opportunities
- Resilience of water-dependent habitats




# Restore4life expected outcomes



Support EU environmental initiatives (European Green Deal, EU Biodiversity Strategy, EU Zero Pollution Action Plan, Water Framework Directive, etc)



Contribute to the implementation of the protection and restoration of wetlands, flood plains and coastal wetlands and salt marshes



Reverse their deterioration in the Danube river basin and in the adjacent Black Sea area




Improve protection of local communities and ecosystems from extreme events



Improved monitoring of carbon sequestration capacity



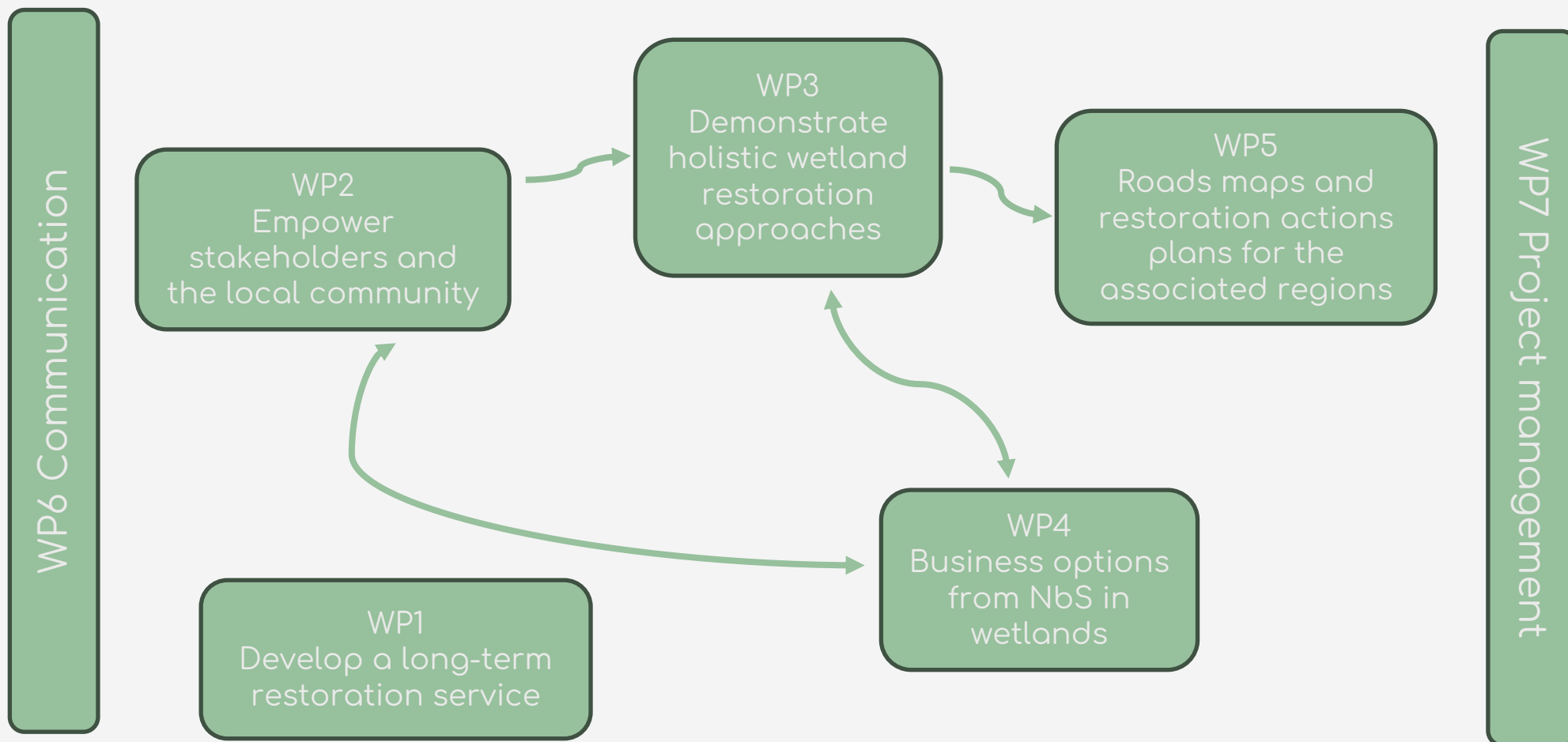
Support the scaling up and biodiversity restoration in the 'associated regions'



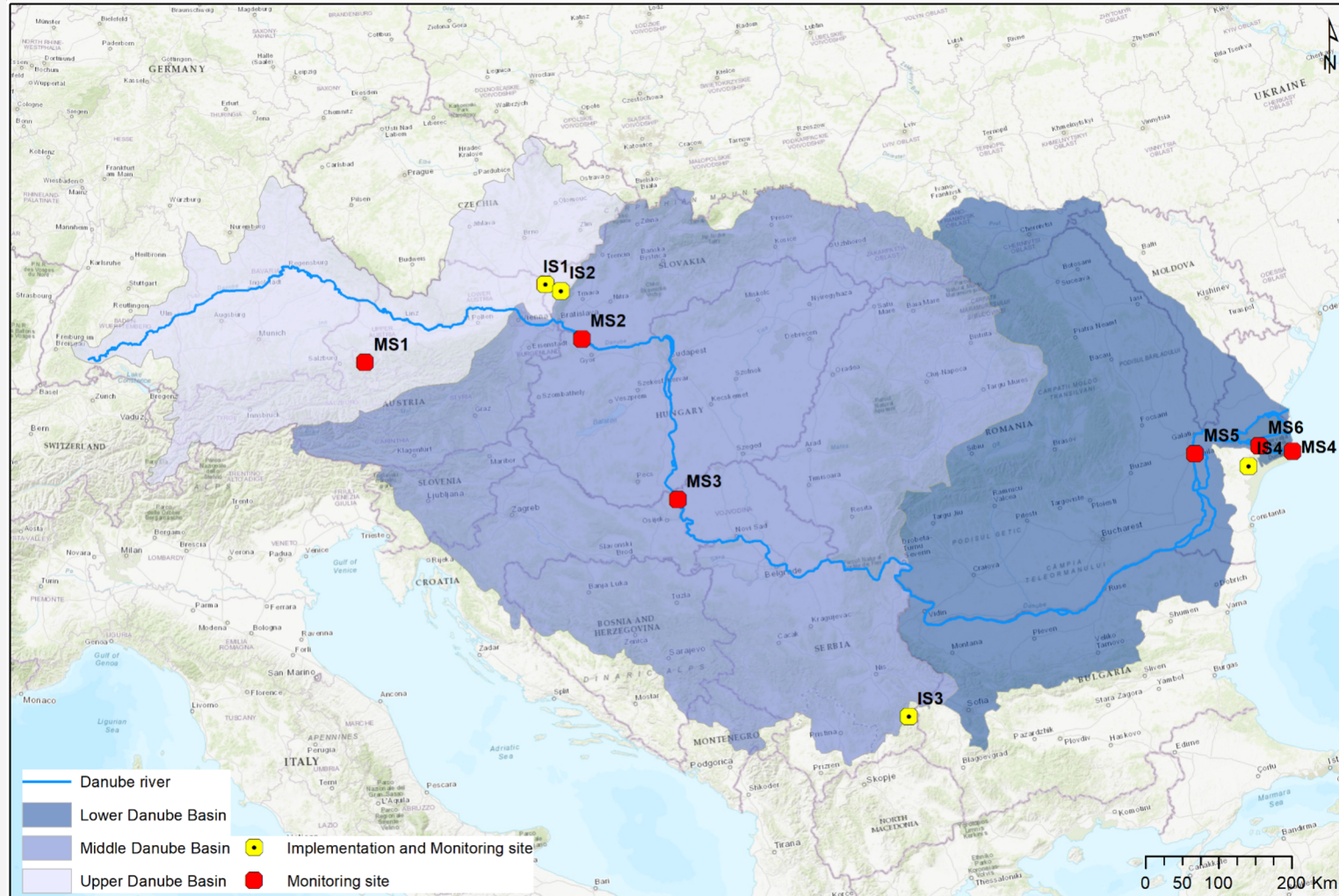
Increased share of local revenue and business activities from the protected and restored areas



# Restore4life Work Packages



# Wetland restoration demonstration sites



- 4 implementation sites
- 6 Monitoring sites

# The 4 Implementation sites



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Sites where wetland restoration activities will be implemented  
and monitored during the project

- March–Thaya Floodplains, AT/Slovakia
- Rudava, Slovakia
- Vlasina, Serbia
- Enisala Channel, Romania

# The 6 Monitoring sites



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Where wetland restoration activities have already been implemented and their effects on the ecosystem's state and provision of ecosystem services will just be monitored and evaluated.

- Lower Salzach Floodplains, DE/AT
- Dunnajske luhy, Slovakia
- Gornje Podunavlje, Serbia
- Danube Delta Coast, Romania
- Braila island, Romania
- Danube Delta, Carasuhata area, Romania





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## Sign up for our periodical newsletter

Join the Restore4Life newsletter for exclusive  
news and updates about the project !

**SCAN ME!**





# Restore4Life

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# Thank you



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