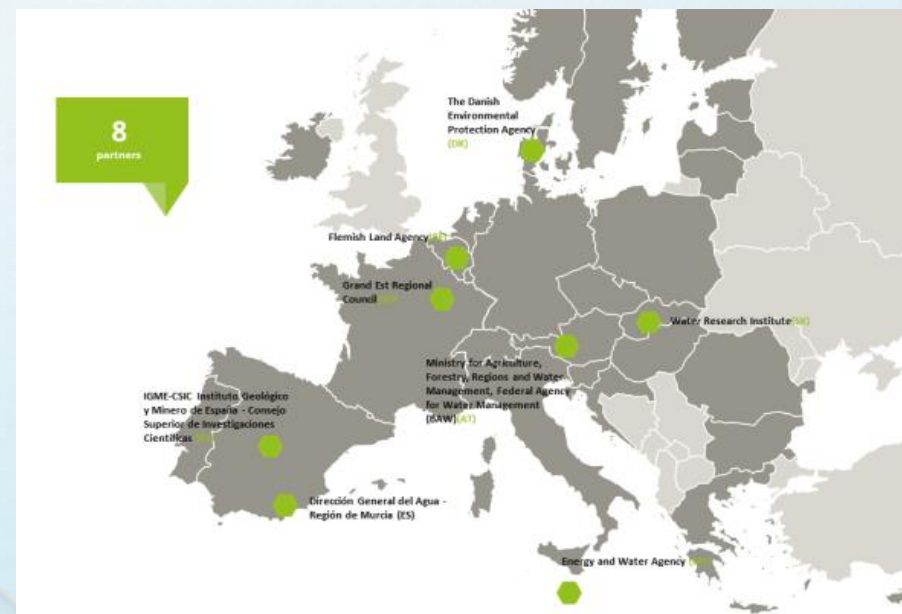


PA4 RELEVANT PROJECTS

Interreg Europe: GEMS

- Groundwater management in nitrate vulnerable zones with agriculture activities
- 04/2024 – 06/2028, budget: 1 890 899 EUR
- 8 Partners (2 from Danube Region – Austria, Slovakia)
- LP - Region of Murcia (DG Water) (ES)
- Project objectives: to enhance regional public policies in Europe regarding sustainable groundwater management polluted by high level of nitrates from agricultural sources. The project will explore the best practices in EU regions on the following topics: Data and monitoring, groundwater quality and pollution, policy, governance and stakeholders' engagement and integrated water management.



DRP SMF: DANURELY-WS

- **Danube Region's Youth Leadership in Ensuring Resilience through a Proactive Approach in Water Sector**
- **09/2024 – 08/2025, budget: 112 000 EUR**
- **4 Partners, 6 ASP**
- **LP – GWP CEE**

Project objectives: to develop main project proposal focused on activities to raise awareness, engage and build capacities, support youth networks and knowledge exchange, and drive youth – governance dialogue via:

- 1. Knowing the youth, their interests, needs, and knowledge on water management issues.**
- 2. Enhancing skills for resilience building in water and related sectors, and enable intergenerational cooperation.**
- 3. Creating platforms for meaningful youth participation, knowledge co-creation, and leadership**
- 4. Channelling youth engagement, representation in decision-making and facilitating dialogue with young stakeholders**

DRP Projects: Danube Water Balance

- Development of a harmonized water balance modelling system for the Danube River Basin Water Balance
- Lead Partner: General Directorate of Water Management of Hungary
- 2024.03.27-28 Kick-off in Budapest. During the meeting parameters such as general spatial and temporal resolutions for the whole DWB water balance model have been discussed with partners
- In the framework of SO1 the coordinating partner NIHWI (National Institute of Hydrology and Water Management) prepared an online survey on data needs in order to fill out by the whole Partnership. The necessary data templates specification was defined (climatology data, hydrology data, hydrogeology data, spatial data and water management data). In line with the assessment of available data for the Danube Basin (like DanubeHIS and DanubeGIS), partnership has carried out an extensive review of open global and national databases in the initial phase.
- Partners familiarised themselves with the architecture of the CWatM (Community water Management) model developed by PP4 IIASA. In order for this purpose IIASA organized between June-July an online Water Resources Modeling Summer School to provide the basic knowledge about the use of the system.
- Next project meeting in Bucharest (October 9-10)

DRP Projects: DanubeSediment_Q2

- Improve the management of sediment quantity and quality in the Danube River Basin to achieve environmental objectives. The main output is the first Integrated Sediment Management Plan for the Danube River Basin
- Lead Partner: University of Natural Resources and Life (BOKU)
- 2024.03.25-26. kick-off, Vienna
- WP task roles and responsibilities have been assigned
- Monthly online meeting
- Task clarification online meeting result: reservoir volume data, tributary sedimentation data needed. addition,
- The need has been raised for a joint coordination of the current projects in the Danube Region focusing on sediment management (quality-quantity), river continuity, water balance.
- Next meeting: Budapest, November 13-14

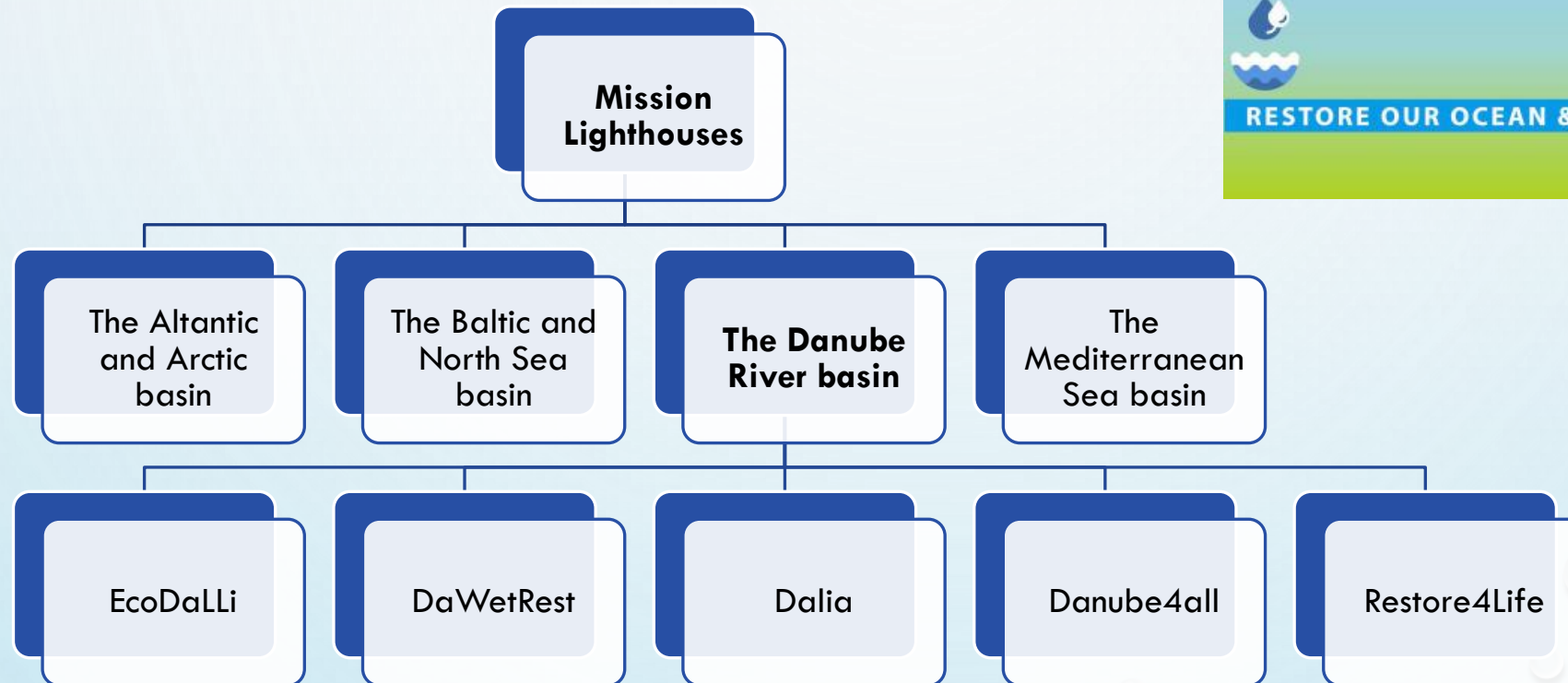
DRP Projects: Aquatic plastic

- **Bottom-up management solutions to reduce plastic waste in the Danube basin. It provides a thorough database and methodology for mapping river plastic waste.**
- **Lead Partner: PET Cup**
- **2024.03.12. online kick-off**
- **2024.06.17-18. Vienna: microplastics sampling workshop and partner meeting**
- **Methodologies for microplastic sampling, data collection for riverine waste, and citizen science initiatives were discussed**
- **Test-measurements at the IWA-BOKU river lab**
- **AQUAPLA on-air available on Spotify**

DRP Projects: TRANS-LEACH

- Innovative water retention for climate change mitigation, sustainable agriculture and flood protection.
- Lead Partner: Scientific Research Institute Verlab (BiH)
- Proposal submitted
- Project objectives: project proposal focuses on analyzing and addressing the issue of leachate waters in landfills, specifically targeting the Smiljevići landfill in Bosnia and Herzegovina. The project aims to develop a study that, through comprehensive analysis, will provide the best, most cost-effective, and optimal solution for treating these leachate waters. The objective is to train and equip municipal companies like KJKP Rad and similar entities with innovative technological solutions that can be implemented, considering the transnational nature of the issue. All of this will be encompassed in the study we plan to develop.

Horizon Europe Projects



Horizon Europe Projects

- EcoDalli supports the implementation of the 4 innovation project
- Open calls:
 - DaWetRest: closed
 - Dalia: **OPEN!** (until October 16)
 - <https://www.dalia-danube.eu/index.php/opencall>
 - Danube4all: closed
 - Restore4Life: closed



Horizon Europe Projects

- **iNNOSED kick-off in November**
- **Effective and sustainable sediment management**
- **Lead partner: BME**
- **The aim is to establish a Danube sediment knowledge centre and a generally applicable sediment management toolkit. This will enable the understanding of basic sediment processes and the creation of sediment management solutions.**



Horizon Europe Projects

- **HORIZON-MISS-2024-OCEAN-02-01 - Community-led actions to restore our ocean, seas and waters**
- **HOME-DANUBE**
 - **Lead Partner: NKE**
 - **Transdisciplinary research and policy knowledge centre for an effective climate-water-soil nexus**
 - **Governance and evaluation of Community-led innovative actions (CLA) and Transition Agendas (TRA)**
 - **Methodology and technical assistance to Community actors**
- **INOVA+ led consortium also submitted**





Thank you for your attention

<https://waterquality.danube-region.eu/>

