



# PRIORITY AREA 4



# WATER QUALITY

TO RESTORE AND MAINTAIN THE QUALITY OF WATERS





## PA 4 Water Quality

- Coordinated by Hungary  and Slovakia 
- Updated Action Plan – 7 Actions
- Topics **# freshwater ecosystems**; **# risk management**; **# restore biodiversity** are interlinked with PA4 actions, especially **A1: Hazardous & Emerging Substances**; **A5: Migratory Fish** and **A6: Climate Change**
- PA4 supports implementation of the related projects, works on new project ideas, studies, documents, organizes working meetings, workshops, conferences and prepares promotion materials (brochures, leaflets, short movies, etc.) – see <https://waterquality.danube-region.eu/>

**# freshwater ecosystems**

**# risk management**

**# restore biodiversity**

## # freshwater ecosystems

### Plastic Pollution of the Rivers in the Danube Region - brochure

<https://waterquality.danube-region.eu/eusdr-pa4-brochure-on-plastic-pollution-of-rivers-in-the-danube-region/>

### Occurrence of Pharmaceuticals in the Waters of the Danube Region - study

<https://waterquality.danube-region.eu/occurrence-of-pharmaceuticals-in-the-waters-of-the-danube-region-study/>

### Sewage Sludge Management in the Danube Region for a Greener EU - workshop report

<https://waterquality.danube-region.eu/workshop-report-on-sewage-sludge-management-in-the-danube-region-for-a-greener-eu/>

Supported projects: **DanubeHazard m3c, Clean Danube, IDES, Plastic Free Danube, Tid(y)Up**

<https://waterquality.danube-region.eu/water-success-stories-2020-2022-brochure-completed/>



## # risk management

### Water retention in urban areas in the Danube Region - study and leaflet

<https://waterquality.danube-region.eu/water-retention-in-urban-areas-in-the-danube-region/>  
<https://waterquality.danube-region.eu/water-retention-in-urban-areas-brochure/>

### Effective Utilization of Water Resources in the conditions of climate change (Drought and Water Scarcity) - conference

<https://waterquality.danube-region.eu/conference-on-drought-and-water-scarcity/>

### Supported projects: **Deepwater-CE**

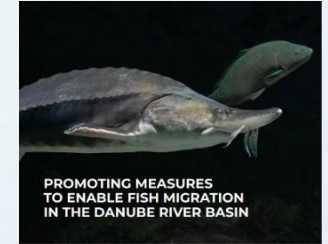
<https://waterquality.danube-region.eu/water-success-stories-2020-2022-brochure/>



# restore biodiversity

## Promoting Measures to Enable Fish Migration in the Danube River Basin - brochure

<https://waterquality.danube-region.eu/promoting-measures-to-enable-fish-migration-in-the-danube-river-basin/>



## Ship noise and water wave measurement on the Hungarian section of the Danube - study

<https://waterquality.danube-region.eu/ship-noise-and-water-wave-measurement-on-the-hungarian-section-of-the-danube/>



## Why is it a challenge to be a migratory fish? – short movie

<https://waterquality.danube-region.eu/why-is-it-a-challenge-to-be-a-migratory-fish-species/>



## Fish Migration Restoration Document

<https://waterquality.danube-region.eu/fish-migration-restoration-document/>



## Supported projects: Measures, WePass I, WePass II

<https://waterquality.danube-region.eu/water-success-stories-2020-2022-brochure-completed>



WATER WEEK, 12-16/06/2023  
14 JUNE 2023

# PA 4 FLAGSHIP PROCESSES

## # on adaptation to climate change

- Climate Change Adaptation conference under the EUSDR SK Presidency
- Study and leaflet on water retention in urban areas
- Deepwater-CE project
- OPTAIN project
- DanubeFloodplain project
- IDES project
- LIFE LOGOS 4 WATERS project
- Danube water balance planned project

## # on migratory fish

- MEASURES project
- WePass I and II projects
- Leaflet on promoting measures to enable fish migration
- Fish migration restoration document
- Study on effects of noise and waves on fish species

## # on emerging substances

- Tid(y)Up project and its potential continuation
- PlasticFreeDanube project
- CleanDanube project
- MapRiverPlastic project proposal
- Plastics in water brochure
- Small project on microplastic at WWTPs
- bo-DEREC-CE project
- Study on occurrence of pharmaceuticals in the waters of the Danube Region
- Pharmaceuticals cooperation with the Baltic Sea Strategy
- Planned pharmaceuticals conference

# PAC PROJECT PLANS FOR 2023-2028

**SO2: To support policy development and policy initiatives related to water**

*Activity 2.1: Developing and preparing thematic policy initiatives, studies or recommendations*

New Drinking Water Directive -workshop (SK 2023)

Implemented further policy initiatives and tools: Plastic conference (HU 2024)

Climate change reflected in agriculture – conference (SK 2025)

Pharmaceuticals in waters – conference (SK 2026)

Link to EUSDR Roadmap A1 – Policy documents: Sediment management WS (HU 2027)

*Activity 2.2: Policy related further communication and dissemination actions*

UWWT new directive dissemination (HU 2026)

# freshwater ecosystems

# risk management

# PAC PROJECT PLANS FOR 2023-2028

## SO3: To enhance coordination between core PA stakeholders (1)

**Activity 3.1: Coordination actions among EUSDR PAs, further relevant EUSDR bodies/actors with focus on the involvement of youth**

Stakeholder cooperation schemes and networks: Youth involvement baseline study (HU 2023)

Educational online activities (SK 2023-2028)

Summer School with GWP (SK 2023-2028)

**Activity 3.2: Coordination actions between EUSDR PAs and EU institutions as well as other macro-regional, EU-level or international key-actors**

Impacts of climate change on water quantity and quality conference (HU Nov 2023)

Sludge utilization options-survey (coop. with PA2 and other EU institutions) (HU 2024) WS later

Global practice on nature based solutions/GWP cooperation (HU 2026)

Water digitalisation baseline overview (cooperation with MRS) and further development (HU 2025-27)

Water app development preparations (game for involvement of young people) (HU 2026)

# freshwater ecosystems

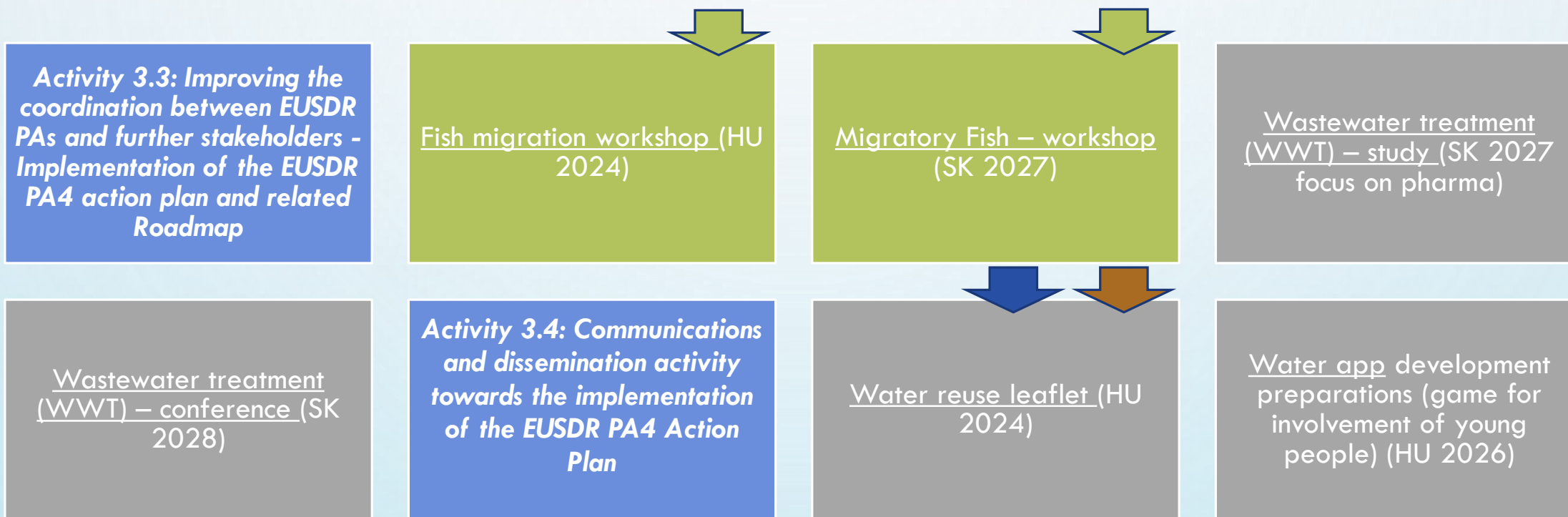
# risk management

# restore biodiversity



# PAC PROJECT PLANS FOR 2023-2028

## SO3: To enhance coordination between core PA stakeholders (2)



# restore biodiversity

# risk management

# freshwater ecosystems

# PAC PROJECT PLANS FOR 2023-2028

**SO3: To enhance coordination between core PA stakeholders (2)**

*Activity 4.1: Supporting project development as well as capitalisation and networking of ongoing macro-regional projects*



*Projects support*



*Funding information*

# freshwater ecosystems

# risk management

# restore biodiversity



## PA 4 Water Quality

- PA4 supports horizontal cooperation on these topics, especially within Pillar B with PA5 and PA6
- PA4 maintains the knowledge and best practice sharing with other MRSs, especially EU Strategy for the Baltic Sea region (e.g. pharmaceuticals in the water) and EU Strategy for the Adriatic and Ionian Region (e.g. climate change)



**From PA4 perspective, it is important to embed these themes into EU funding mechanisms to support future project ideas**

<b>A</b>	<b>Connecting the Region</b>
	1 Mobility and multimodality
	2 Sustainable energy
	3 Culture and tourism, People to People
<b>B</b>	<b>Protecting the Environment</b>
	4 Water and Quality
	5 Environmental Risks
	6 Biodiversity, landscapes, air and soil quality
<b>C</b>	<b>Building Prosperity</b>
	7 Knowledge Society
	8 Competitiveness
	9 People and skills
<b>D</b>	<b>Strengthening the Region</b>
	10 Institutional capacity and cooperation
	11 Security

A water vole is swimming in a pond, surrounded by green aquatic plants and brown leaves. A damselfly is visible in the upper right corner of the image.

Thank you for your attention

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