



# Roadmap update

Balázs Horváth  
EUSDR PA4 coordinator

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# Revised EUSDR PA4 Action Plan

## Actions:

1. **HAZARDOUS & EMERGING SUBSTANCES:** Promote monitoring, prevention and reduction of water pollution deriving from hazardous and emerging substances (EU priority substances and watch list candidates as well as Danube basin specific pollutants candidates and others e.g. microplastics-plastics, pharmaceuticals, PFOS)
2. **WASTE WATER:** Continue boosting major investments in building, upgrading, maintaining and rehabilitating urban wastewater treatment facilities and promote alternative collection and treatment of wastewater in small rural settlements, including measures to build capacity at the regional and local level across the Danube basin
3. **WATER & AGRICULTURE:** Promote prevention and reduction of diffuse pollution, promote nutrient retention, smart irrigation and water reuse, foster and develop an active process of dialogue and cooperation between authorities responsible for agriculture and environment to ensure that measures are taken to address diffuse pollution and ensure smart water use

# Revised EUSDR PA4 Action Plan

## Actions:

4. **DRINKING WATER:** Promote measures aimed at reducing knowledge deficits related to protecting water resources and safeguarding drinking water supply
5. **MIGRATORY FISH:** Promote measures to enable fish migration in the Danube river basin
6. **CLIMATE CHANGE:** Promote measures to adapt to climate change impacts in relation to water quality and quantity
7. **TOOLS:** Enhance cooperation, increase and exchange knowledge and secure financing to water quality measures in the Danube Region

# Current roadmap fits to old Action Plan

[https://waterquality.danube-region.eu/wp-content/uploads/sites/13/sites/13/2019/09/Roadmaps of PA4 2012 11-1.pdf](https://waterquality.danube-region.eu/wp-content/uploads/sites/13/sites/13/2019/09/Roadmaps%20of%20PA4%202012-11-1.pdf)



## ROADMAPS TO IMPLEMENT EACH ACTION

### Action 1: "To implement fully the Danube River Basin Management Plan".

*Action - "To implement fully the Danube River Basin Management Plan" - in the field of water management, cooperation between Danube countries is already well advanced mainly through the inter-governmental work which takes place under the umbrella of ICPDR and ISRBC. This Action Plan fully supports all the measures which have been agreed by the countries in the framework of their endorsement of the Danube River Basin Management Plan (DRBMP) and its accompanying Joint Programme of Measures. Therefore the Danube Declaration adopted by the Ministers of Environment on 16 February 2010 entitled "Danube Basin: Shared waters – Joint responsibilities" is an integral part of this EUSDR Action Plan and is seen as the key information source for the identification, prioritisation and financial support of agreed measures in the countries of the Danube Region.*

#### **Milestone n°1: Interim Report on the Implementation of the Joint Programme of Measures**

*Work:* Development of an interim report, according to the EU Water Framework Directive, on the implementation of the Joint Programme of Measures as included in the 1<sup>st</sup> Danube River Basin Management Plan 2009. In this interim report should be presented responsibilities of all countries in effective implementation of JPM ("shared waters – joint responsibilities").

*Output:* Overview on status of measures implementation

*Responsible:* ICPDR

*Deadline:* End 2012

#### **Milestone n°2: Facilitate the alignment of funding and the support of the JPM of 1<sup>st</sup> and 2<sup>nd</sup> Danube River Basin Management Plan**

*Work:* Based on the findings of the Interim Report identify the need for support and facilitate the dialog between the funding sources and national governments, explore existing and potential funding of the actions needed and mobilize funding to implement and cover remaining financing needs of the JPM set up in 1<sup>st</sup> DRBMP.

*Output 1:* Policy reflections and Plan on financing for 1<sup>st</sup> JPM

*Output 2:* Supporting documents to financing of 2<sup>nd</sup> Joint Programme of Measures

*Responsible:* EUSDR PA4 and ICPDR

*Deadline 1:* first quarter of 2013

*Deadline 2:* end of 2014

#### **Milestone n°3: Update of the Danube Basin Analysis Report**

*Work:* Development and update of the Danube Basin Analysis Report according to Article 5 of the EU Water Framework Directive

*Output:* Updated information inter alia on pressures, impacts, risk assessment

*Responsible:* ICPDR

*Deadline:* first half of 2014

#### **Milestone n°4: 2<sup>nd</sup> Danube River Basin Management Plan**

*Work:* Development of the 2<sup>nd</sup> Danube River Basin Management Plan according to the EU Water Framework Directive



# Priority Area Coordinators informal consultation on EUSDR Roadmaps



- Organized because there were different voices concerning the roadmap in the NC-PAC meeting (2 March 2021)
- 30 March 2021, online
- Heated discussions
- Half of the PACs supported, half not
- Common content in all PAs NOT supported
- Using for reporting / any additional administrative burden NOT supported
- It is finally left to individual PAs to decide whether they want a roadmap or not and in which format

# Potential advantages of using an up-to-date roadmap



- An internal tool to take stock of all the PA4 activities (not only Action Plan and PAC project)
- A potentially useful tool to follow the implementation of the Action Plan
- A potentially dynamic document that is easy to update (not like the action plan or DTP project content)
- A potentially good tool to
  - demonstrate past results,
  - sum up current activities as well as
  - collect future potential elements of work (long-term planning).



# New roadmap potential structure

EUSDR PA4 Roadmap for ACTION 1: HAZARDOUS & EMERGING SUBSTANCES							
<b>EUSDR Action to which the Roadmap is related</b>		<b>1. Promote monitoring, prevention and reduction of water pollution deriving from hazardous and emerging substances (EU priority substances and watch list candidates as well as Danube basin specific pollutants candidates and others e.g. microplastics-plastics, pharmaceuticals, PFOS)</b>					
<b>Description of the Action and related Targets</b>		<ul style="list-style-type: none"> <li>o Close knowledge gaps on monitoring of hazardous and emerging substances in surface waters, biota and sediment</li> <li>o Determine sources and pathways of hazardous and emerging substances emissions</li> <li>o Quantify water emissions and loads</li> <li>o Implement prevention and mitigation measures including a more comprehensive evaluation of the measures efficiency</li> <li>o Contribute to capacity building in monitoring, modelling and management of hazardous substances pollution</li> <li>o Contribute to improved quality of sediments</li> </ul>					
Sub-topics		Milestones and projects		Planned deadline	Involved actors	Indicators	Status of implementation
PA4 M-1.1	Hazardous substances: close knowledge gaps on monitoring, quantify their emissions and loads, implement measures and contribute to capacity building	1.1.1	Contribution to the implementation of the DanubeHazard m3c DTP project and to the dissemination of its results	2022	project partners and interested stakeholders	project results dissemination	project started
		1.1.2	Contribution to the implementation of the Joint Danube Survey 5 and to the dissemination of its results	2025	ICPDR	project results dissemination	planned
		1.1.3	Support the realization of the Joint Tisza Survey 1 based on the manual adopted under the JOINTISZA DTP project	2023	JOINTISZA project partners, ICPDR	project application	discussions ongoing among Tisza countries
		1.1.4	Re-submit the Trimonitor project proposal to new calls of the 2021-2027 MFF	2027	project partners and interested stakeholders	project application	starts later
PA4 M-1.2	Plastics and microplastics: close monitoring gaps, discover impacts on ecosystems, raise awareness and consider freshwater-Marine interactions	1.2.1	Contribution to the implementation of the Tid(y)Up DTP project and to the dissemination of its results	2022	project partners and interested stakeholders	project results dissemination	project started
		1.2.2	Promoting and supporting microplastics monitoring and discovery of their impacts on ecosystems (e.g. migratory fish)	2027	Laboratories, universities, scientific community	monitoring results and impact studies	starts later
		1.2.3	Awareness raising about freshwater plastic pollution (PET Cup + events in UA, RO)	2025	National authorities, PET Cup organizers, civil society	news and dissemination material	starts later
		1.2.4	Contributing to the EU plastic strategy by assisting in reducing freshwater plastic pollution that would potentially pollute Marine waters	2030	EU, ICPDR, Black Sea Commission	Marine-freshwater common action	starts later
PA4 M-1.3	Pharmaceuticals: share best practices and cooperate in macro-regional level, assist projects and contribute to EU action	1.3.1	Organize an international workshop as platform for knowledge and best practice sharing related to pharmaceuticals in the Danube Region	2021	EUSBSR, interested stakeholders	Workshop results and attendance	organization starts in 2021 Q1
		1.3.2	Contribution to the implementation of the EU Strategic approach on pharmaceuticals	2027	EU, ICPDR	Number of action on pharmaceuticals	starts later
		1.3.3	Continue EUSBSR cooperation and information exchange on pharmaceuticals	2030	EUSBSR	Number of action on pharmaceuticals	ongoing
		1.3.4	Contribution to the implementation of the boDEREC-CE project and to the dissemination of its results	2022	project partners	project results dissemination	project ongoing
PA4 M-1.4	Support projects set-up and implementation to close knowledge gaps on sediment quality and quantity	1.4.1	Sediment quantity: set-up follow-up project(s) or other related action based on the results of the DanubeSediment DTP project	2023	DanubeSediment project partners, ICPDR	project application	starts later
		1.4.2	Sediment quality: contribution to the implementation of the SIMONA DTP project and to the dissemination of its results	2021	project partners	project results dissemination	project ongoing

# Questions to the PA4 SG

- Should PA4 use a(n updated) roadmap? Would it be a useful tool to follow the implementation of the Action Plan?

...IF YES...

- Should it be a long-term planning tool? How long?
- What should be its format and content? (milestones, key steps, deadlines, actors, outputs, indicator / monitoring tools...)
- Should it be a standing or rolling document? How often should it be revised?
- Should it contain the old and new milestones both or only the new ones?
- What should be the procedure? (PACs prepare a draft, SG discusses in a meeting or in written procedure?)
- ...