
EUSDR PA 04 12th Steering Group Meeting

1 December 2016, Budapest (HU)

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International
Commission
for the Protection
of the Danube River

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der Donau



ICPDR Status Report

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Introduction

- Danube **River Basin Management Plan** – Update 2015
- Danube **Flood Risk Management Plan** – 2015
- Danube **Ministerial Declaration** as of February 2016
- **Work Programmes and Terms of Reference for ICPDR activities in EGs** addressing period 2016 to 2018 will be adopted at the upcoming ICPDR Ordinary Meeting
- Upcoming ICPDR Meeting: **19th ICPDR Ordinary Meeting** (6 to 7 December 2016, Vienna)

EUSDR PA 04 related ICPDR activities

1. **Significant Water Management Issues** in the DRB
 - Nutrient pollution – Sustainable Agriculture Guidance
 - Hazardous Substances
 - Hydromorphology – sturgeon related activities
2. **2015 Droughts** in the Danube River Basin **Report**
3. **Adaptation to Climate Change** in the DRB
4. **Integration of water management** with other sectors
 - Navigation and the Environment
 - Sustainable Hydropower Development
5. **ICPDR related projects** including **REVISTUR**

1. SWMIs – Hazardous substances



Development of a a pre-study for **hazardous substances in the Danube River Basin (data availability and project proposal development)**

- Hazardous substances pollution: one of the **major concerns in respect to water status but underrepresented due to lack of data**
- First step: to **evaluate the sources and pathways** of the pollution being released into the water bodies
- Second step: determination of **appropriate measures** to reduce pollution and assessment their efficiency
- **Outcome of the study** will facilitate 1) the setup of a suitable model framework, 2) the selection of appropriate study areas for detailed analyses, 3) the development of a reliable database for modelling and 4) serve project preparation

1. SWMIs – Hydromorphology and sturgeon related activities

- **Monitoring Study on sturgeon behaviour Iron Gates (RO, BG, RS) in lower Danube** finalised in February 2016 (financed by EIB); final report is available.
- **STURGENE Project (Ex-situ survey to preserve sturgeon genetic diversity in the Middle and Lower Danube)** finalised in April 2016 (financed by EUSDR); final report (including roadmap) is available.
- **LIFE Sterlet Upper Danube restoring sterlet populations in the upper Danube** ongoing; BOKU Vienna and partners, Sept 2015 to Dec 2021, financed by EU LIFE.



- **Revival of Danube Sturgeons: Concerted basin-wide actions to safeguard sturgeons in the Danube Basin (REVISTUR project)** – project proposal in preparation, BOKU Vienna and partners, 2nd call of Danube Transnational Programme.

1. SWMIs – Hydromorphology and Development ToR Fish Migration Iron Gates I & II

- **Main objective** to develop, evaluate and rate potential solutions to ensure upstream and downstream migration of fish, and in particular sturgeons, at the Iron Gate dams I & II. Draft ToR available for discussion at OM-19.
- **Proposed work packages**
 - Work package 1 Analysis current situation and data gathering;
 - Work package 2 Monitoring fish behaviour;
 - Upstream migration;
 - Downstream migration & survival rate turbines IG I & II;
 - Work package 3 Modelling hydraulic conditions;
 - Work package 4 Alternatives study;
 - Work package 5 Communication and stakeholder involvement.
- **Proposed duration/finances:** 4 year project; 2,3 – 3,2 Mio EUR.

2. Droughts in the Danube River Basin

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- First draft outline of „2015 Droughts in the Danube River Basin“ Report presented in spring RBM EG Meeting in 2016
 - Replies to **Questionnaire received from 13 Danube countries**
 - **Report includes**
 - information about the **meteorological and hydrological** situation (chapter 3),
 - **impacts and measures** (chapter 4) and
 - **lessons learned and conclusions for national and Danube basin wide level** (chapter 5).
 - Ready for **adoption at the OM-19**

3. Adaptation to Climate Change

ICPDR Strategy on Adaptation to Climate Change and its knowledge base will be updated by 2018

- Germany, Austria and Serbia are acting as **lead countries**
- **2017**: Update of **scientific research study** from 2011 (Munich University) with reactivation and involvement of voluntary “Team of Experts”
- Beginning of **2018: Climate Change Adaptation Workshop**, discussing the latest scientific findings and providing input for the update of the Climate Change Adaptation Strategy
- During **2018**: Update of **Climate Change Adaptation Strategy** with involvement of relevant ICPDR Expert Groups and adoption at OM in 2018

4. Integration issues – Sustainable Hydropower Development



ICPDR Workshop on Sustainable Hydropower in the Danube River Basin: Progress, solutions and remaining challenges

- **Meeting date and venue:** 28 to 29 March 2017 in Vienna (AT)
- **Workshop concept** available for adoption at OM-19
- **Excursion** (Hatchery station sterlets Donauinsel & BOKU testing laboratories at Nußdorf)
- **Structured discussion** supported by **professional moderators**

4. Integration issues – Navigation and Environment

- **7th Joint Statement Meeting** organised by Danube Commission, together with ISRBC and ICPDR from 15 to 16 September 2016
- **Mixed Environment Transport External Expert Team (METEET)** on Integrated Planning of Inland Waterways Transport (IWT) Projects set up by European Commission, DC and ICPDR

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Thank you for your kind attention!

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