



Priority Area 7 - Knowledge Society

18 April 2018, Budapest

15th PA4 SG Meeting

What is it about?

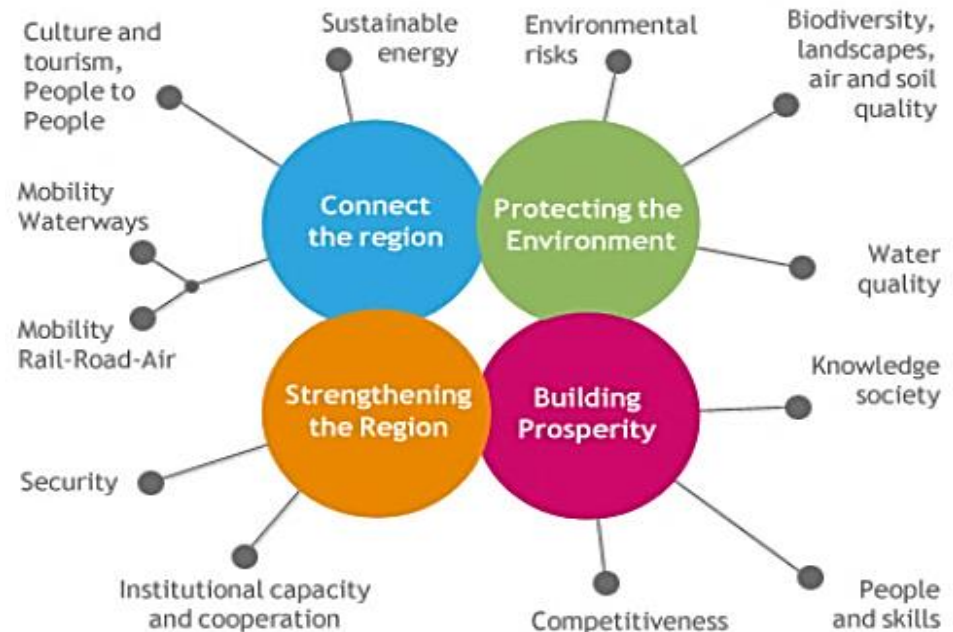
Priority Area 7

- ▶ Main targets
- ▶ Organization and management
- ▶ Success stories
- ▶ Challenges
- ▶ Future plans



EU Strategy for the Danube Region (EUSDR)

- EUSDR aims to jointly address common challenges and utilize opportunities
 - ✓ **14 countries, 5 of which non-EU**
 - ✓ **4 pillars and 11 priority areas (PA)**
 - ✓ **each PA is managed by two coordinators from various countries**



PA7 teams and SG members



- ▶ The **Priority Area Coordinators (PACs from SK and RS)** are leading the **Steering Group (SG)**, which are the expert drivers of a day-to-day implementation.
 - ▶ **Our role, capacities, resources and engagement is the key to success;**
 - ▶ **The PACs, together with the SGs, ensure the implementation of the EUSDR** (e.g. by planning, targets setting, by ensuring contacts between project promoters, programmes and funding sources, and by providing technical assistance and advice);
 - ▶ Our work is **transnational, intersectorial and interinstitutional;**
 - ▶ We support **reporting and evaluation** of the EUSDR (i.e. identify progress related to the improvements that the actions and projects deliver and achievement of targets);
 - ▶ We regularly provide **information/reports on our work.**

PA 7 - Working groups



WG 1 Higher education and mobility (RS)

- cooperation among universities and research institutions (Danube Rectors' Conference, Alps-Adriatic Rectors' Conference, the Central European Exchange Program for University Studies (CEEPUS) and others.)
- mobility in the Danube Region, joint master and doctoral programmes

WG 2 Information and Communication Technologies (SL)

- provision and uptake of Information and Communication Technologies in the Danube Region

WG 3 Danube Funding Coordination Network (AT-RS)

- monitoring progress of DRIF
- coordination of funding sources

WG 4 Communication with JRC with special emphasize on RIS3 (SK)

- smart Specialisation Platform
- scientific support to EUSDR (4 nexuses: water, land & soil, air, bioenergy)

WG 5 Research and Innovation (possibly via thematic pole II DTP)

- strengthen the capacities of research infrastructure

Updated PA7 Targets



realistic – attainable – suitable for measuring the progress

1. To increase the effectiveness of investment in R&I through establishment of a **funding coordination network** aiming to initiate a minimum of 2 dedicated EUDSR activities each year
2. To increase the **number of co-publications in the region by 15 % by 2020.**
3. To develop **RIS3 in all** Danube countries (or their regions)**by 2020.**
4. To reach **20% of academic mobility** within the region by 2020.
5. To increase the **number of EPO and PCT patent applications** from the Danube Region **by 20% by 2020.**



PA7 - Flagship Projects

1. **DRRIF** - Danube Region Research and Innovation Fund
2. **INT-VET** - Introduction of Elements of Vocational Education and Training in the Slovak Republic
3. **DREAM** - Danube River REsearch And Management - from Basic Research to Knowledge Society
4. **Danube: Future** - A sustainable future for the Danube River Basin as a challenge for the interdisciplinary humanities
5. **DANUBIUS** - Danube International Centre for Advanced Studies for River-Delta-Sea Systems
6. **HINO** - Health Impact of Nanotechnology
7. **DO-IT** - Danube Open Innovative Technologies



DREAM - Flagship Project (I)

TOPIC: *improvement of research infrastructure and cooperation between research institutions in the Danube basin*

OBJECTIVES: *derive monitoring strategies, modelling and engineering solutions to improve measures suited to reach a win-win situation between economic use and environmental protection of the Danube River*

EXPECTED RESULTS:

- Two large hydraulic engineering laboratories (up to 10m³/s) are built
- Cluster/network of river engineering simulation tools
- Established network of field study sites along the Danube River
- Operation of a research vessel with diving shaft for the whole Danube Region
- Network of existing and extended Danube River Research Institutions throughout all riparian countries

DREAM - Flagship Project (II)



- research channel and supply line for the AT laboratory (Danube canal) was finished in the end of 2012 (2007-2013 project SEDDON)
- detailed planning of the AT laboratory finished
- groundbreaking ceremony of the AT laboratory finished on June 26th 2018
- cooperation within various bi- and multilateral RDF contracts/decrees recently signed:



SEDDON II (Interreg V-A AT-HU) Feb 23rd 2018

SEDECO (Interreg V-A AT-CZ) Nov 6th 2017

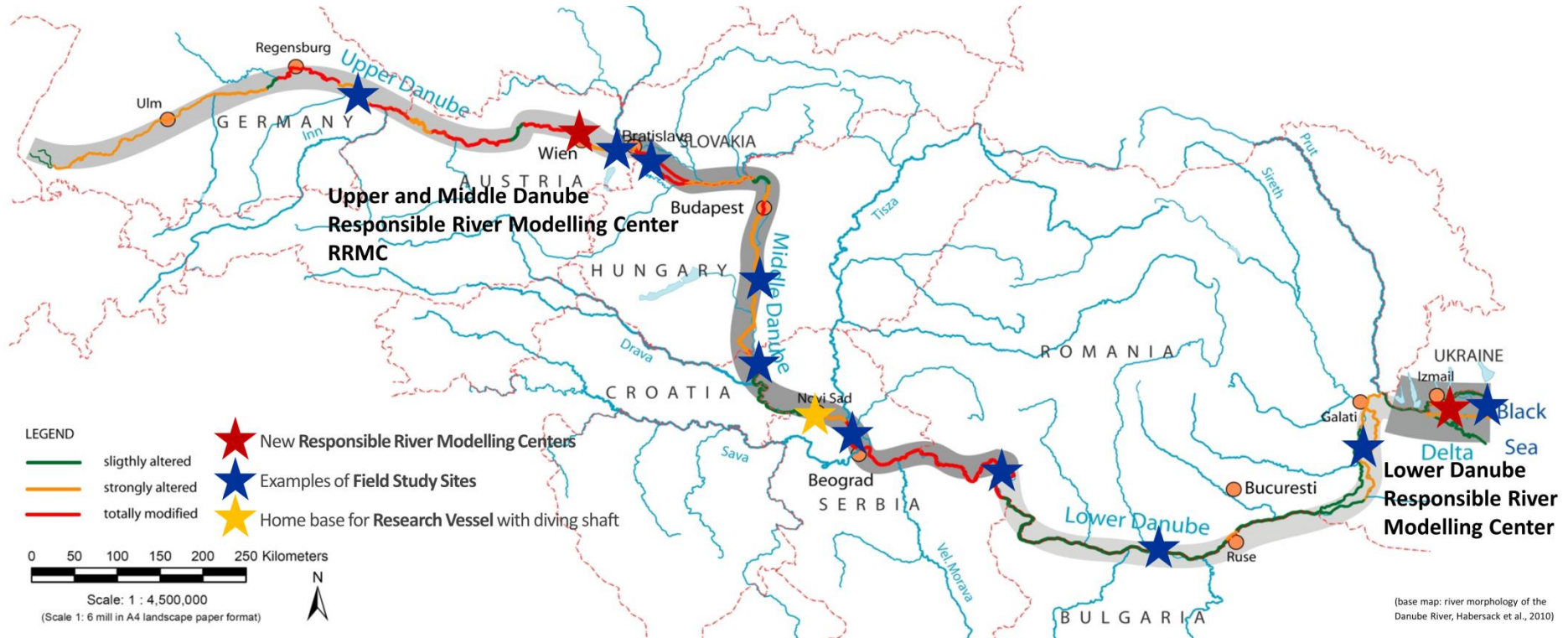
DREAM SK-AT (Interreg V-A SK-AT) Feb 6th 2018

- installing sediment monitoring stations along the Danube
- regular partner meetings of the DREAM consortium



DREAM - Flagship Project (II)

IMPLEMENTATION IDEAS FOR RESEARCH INFRASTRUCTURE



DREAM - Flagship Project (IV)



CONTACT DETAILS

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PA7 challenges

<https://www.danubeknowledgesociety.eu/steering-group-of-priority-area-7-knowledge-society-1>



SG VOTING MEMBERS

Anna Lechner	Bavaria	<i>Bayerisches Staatsministerium für Wissenschaft, Forschung und Kunst</i>
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Jirina Frycová	Czech Republic	<i>Ministry of Education, Youth and Sports</i>
Miroslav Lovric	Croatia	<i>Ministry of Science, Education and Sports, Direct. for Science and Technology</i>
Information pending	Romania	<i>National Authority for Scientific Research and Innovation</i>
Information pending	Slovenia	<i>Ministry of Education, Science, Culture and Sport</i>
Information pending	Bosnia and Herzegovina	<i>Directorate for European Integration</i>
Information pending	Montenegro	<i>Ministry of Science</i>
Information pending	Moldova	<i>Ministry of Education</i>
Dmytro Cheberkus	Ukraine	<i>Ministry of Education and Science</i>
Sofia Zherebchuk	Ukraine	<i>Ministry of Education and Science</i>

PA7 successes

- ▶ Set-up of the **D**anube **F**unding **C**oordination **N**etwork (May 2016)
- ▶ **DFCN** was established on the basis of the work and achievements of the WG on the coordination of funding mechanisms in the DR, outcomes and recommendations of the feasibility study on DRRIF and on activities of the FP7 funded project Danube-INCO.NET
 - ▶ *The primary objective of the DFCN is to **coordinate and synchronise national, bilateral and regional efforts in the Danube Region (DR)** in order to foster multilateral collaboration in Research and Innovation*
 - ▶ *This leads to the **implementation of concrete joint funding actions for R&I activities** and to the **stimulation of cooperation possibilities** with running and forthcoming initiatives (EUREKA, COST, FPs, ERASMUS+, CEEPUS, etc.)*

Active cooperation within EUSDR & DTP

POLE 1: Innovative ecosystem for SMEs
Danube Transnational Programme


POLE 3: Entrepreneurial learning systems
Danube Transnational Programme

POLE 5: Cultural and natural values in the Danube Region
Danube Transnational Programme


POLE 7: Waterways
Danube Transnational Programme

POLE 9: Educational governance
Danube Transnational Programme


POLE 11: Participatory and local governance
Danube Transnational Programme




PA 1A
Waterways Mobility




PA 1B
Rail-Road-Air Mobility




PA 2
Sustainable Energy




PA 3
Culture & Tourism




PA 4
Water Quality




PA 5
Environmental Risks




PA 6
Biodiversity & Landscapes




PA 7
Knowledge Society




PA 8
Competitiveness of Enterprises



PA 9
People & Skills



PA 10
Institutional Capacity & Cooperation



PA 11
Security

2	3	4	5	6
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
28	29			

THEMATIC POLE 1 - INNOVATIVE ECOSYSTEM FOR SME

PA7 thematic areas (part I)

- ▶ **Pilot study on cooperation between higher education institutions (HEIs), industry and government (public) institutions** stimulating the automotive industry in the Danube region, in order to:
 - ▶ meet the industry's requirement of skilled manpower
 - ▶ run employability-skill enhancement programs and to set-up training centers/labs
 - ▶ improve the competitiveness of industry
 - ▶ increase the relevance and innovativeness of research in HEIs
 - ▶ transfer the knowledge

PA7 thematic areas (part II)

- ▶ Pilot study on development of a **common study course focused on “the Development of the Danube region”** through which HEI students and teachers from various Danube region countries will be able to:
 - ▶ exchange the knowledge and share information via online platforms / social media
 - ▶ prepare topics of MA-thesis and/or dissertation thesis and compare their results
 - ▶ take part in exchange visits (via existing mobility programs or newly developed schemes)
 - ▶ raise the issues of political interest

PA7 thematic areas (part III)

- ▶ **Analysis of status quo in research and innovation performance in the Danube Region** (co-publications, co-patents, joint projects, etc.) with the aim to foster discussion among policy makers and relevant stakeholders (i.e. representatives from the other EU-macroregional strategies, HEIs, research institutions, industry, ...)

PA7 thematic areas (part IV)

- ▶ **Empowering Research and innovation Support centers** in the Danube Region – concept of a training programs, incl. organization of a pilot trainings (e.g. summer/winter school) focused on raising awareness regarding EU (and other) programs and designing project proposals supporting excellent science.

Thank you for your attention!

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For more information please visit:

www.danubeknowledgesociety.eu