

**PROJECT IDEA DESCRIPTION FORM  
EUSDR. PILLAR 2. PRIORITY AREAS 4, 5, 6**

<b>1. Project title (long title and acronym, if any)</b>
<b>Danube Sediment Management – Assessment for Restoration of Sediment Balance in the Danube River Basin</b>
<b>2. Main Priority Area and Action under Pillar 2 to which the project idea is to be submitted to</b>
PA 4.01 To implement fully the Danube River Basin Management Plan
<b>3. Other Priority Areas and Actions the project is contributing to (please mention only the Priority Area no. and title of Action)</b>
4.02 To greatly strengthen cooperation at sub-basin level 4.03 To continue to invest in and support the information collection systems already developed by ICPDR 4.10 To reduce existing water continuity interruption for fish migration in the Danube river basin 4.12 To strengthen general awareness and facilitate exchange of good practice in integrated water management issues in the Danube Basin among decision-makers at all levels and among the population of the Region 5.02 To support wetland and floodplain restoration as an effective mean of enhancing flood protection, and more generally to analyse and identify the best response to flood risk (including “green infrastructure”) 5.07 Anticipate regional and local impacts of climate change through research 6.02 To manage Natura 2000 sites and other protected areas effectively 6.03 To protect and restore most valuable ecosystems and endangered animal species 6.09 To prepare and implement transnational spatial planning and development policies for functional geographical areas (river basins, mountain ranges etc.)
<b>A - Project description</b>
<b>4. Project relevance (Please outline the relevance and necessity from a macro-regional perspective. How does the project contribute to the implementation of the EUSDR? Maximum 1000 characters without spaces)</b>
Proper sediment management is an important factor for achieving environmental objectives of EU Water Framework Directive. The issues such as sediment contamination, sediment transport, sediment dredging or deposition have to be investigated carefully to make sure that programmes of measures will be designed in an effective way. The first overview of the problems concerning sediment quantity and quality in the Danube River Basin was presented in the ICPDR Sediment Issue paper published in 2006. This paper clearly formulated the need for further investigations in the sector of sediment management and this has also been underlined in the Danube River Basin District Management Plan in which the quantity and quality of sediments was not recognized as Significant Water Management Issue due to lack of data. All the purposed activities (data collection, data management, performance of sediment balance, solutions for restoration etc.) inherently have to be harmonized on a macro-regional level.
<b>5. Project general and specific objectives (maximum 400 characters without spaces)</b>
The major objective of the project is to review the current status of the sediment regime of Danube including the inputs of major tributaries, analyse pressures and impacts, assess the potential for restoration of sediment balance and propose actions to be taken in order to improve the sediment continuum and river morphodynamics along the Danube.
<b>6. Proposed project activities and their location(s) (list main and sub-activities. maximum 800 characters without spaces)</b>
Communication, dissemination and public participation (Project leaflet & logo, Homepage, workshops, Newsletters, Press releases). Total project area Data collection, analysis and harmonization. Total project area Composition of a sediment balance. Total project area Pressures and impacts analysis. Total project area Solutions for improving sediment transport and establishing a dynamic balance in the DRB. Total project area
<b>7. Expected results and outcomes (Please use measurable indicators, where available. Maximum 400 characters without spaces)</b>
A transparent harmonised database including metadata of sediments, best practice on data collection of sediment, Harmonized methodology. Definition of pressures and impacts, their ranking according to their relevance and impact on the Danube. Catalogue of solutions and measures for the Danube and its major tributaries ranked according to their efficiency and feasibility.
<b>8. Target groups (Who is affected by the project results, who will use the project results? Maximum 500 characters without spaces)</b>
Water Directorates. Ministries. Research Institutes (Water Resources, Environmental, Geography, Fluvial Navigation etc.). Environmental Agencies and Institutes. Hydropower companies. Fluvial navigation companies.
<b>9. Project timeframe (foreseen starting and ending date in mm/yy. If not available mention the duration in number of months)</b>
07/2012-06/2014

<b>B- Links to other Programmes/Policies</b>		
11. Link with other projects or actions already undertaken (if relevant please list the project title, acronym, name of Lead Partner, status of the project: financed, under implementation, closed, planned to be submitted, etc.)		
"Sediment balance for the Danube basin" (SEDIBAL ISI Danube), organized within the framework of UNESCO's International Sediment Initiative, SEDNET, Platina, DuReFlood (?)		
12. Relevant international/EU directives and national legislation the project addresses (if relevant please list, e.g. Water Framework Directive, EU Biodiversity Strategy)		
EU Water Framework Directive (WFD) 2nd Danube River Basin Management Plan		
13. Approximate total project budget (in EUR)		
3.000.000		
14. Potential sources of funding (if appropriate, indicate funding programme and specific call, as well as the amount of own sources available)		
South East Europe Transnational Cooperation Programme		
<b>D - Partnership and Contact</b>		
15. Proposed Lead Partner (Responsible institution/body)		
Budapest University of Technology and Economics		
16. Contact details of responsible person (Letter of Recommendation shall be sent to)		
Professor János Józsa, tel: 003614631496, email: jozsa@vit.bme.hu, address: H-1111, Budapest, Műegyetem rkp. 3., HUNGARY		
17. Project Partners (Name and country, Status committed to be involved / already involved)		
Institute of Water Management, Hydrology and Hydraulic Engineering, BOKU University of Natural Resources and Life	Austria	already involved
Umweltbundesamt GmbH	Austria	already involved
National Institute of Meteorology and Hydrology	Bulgaria	already involved
Bundesanstalt für Gewässerkunde	Germany	already involved
Vituki Environmental Protection and Water Management Research Institute Non-profit Ltd.	Hungary	already involved
Lower Danube Valley Directorate for Water & Environment, Baja	Hungary	already involved
North-Transdanubian Directorate for Water & Environment, Győr	Hungary	already involved
Head of the Hydrological Studies and Research Office in the National Institute for Hydrology and Water Management - National Administration "Apele Romane"	Romania	already involved
Department for river engineering, Jaroslav Cerni Institute for the Development of Water Resources	Romania	already involved
Water Research Institute	Serbia	already involved
International Commission for the Protection of the Danube River (ICPDR)	Slovakia	already involved
Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management	International	already involved
River Basin Department, Central Directorate for Water & Environment	Austria	already involved
	Hungary	already involved
18. Project Partner wanted (please specify type and country / region of partners you are looking for)		
<b>E - Closing remarks</b>		
19. Any other information considered relevant (e.g. information on predecessor project, resubmissions and reasons for rejection, status of project development, information on project meetings, public relations, involvement of policy making bodies etc.)		