

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

1. Project title (long title and acronym, if any)
Environmental Status of Sediment, Water and Biota in the Sava River Basin (SEWABIS)
2. Main Priority Area and Action under Pillar 2 to which the project idea is to be submitted to
Priority Axis 2: Protection and Improvement of the Environment, AoI 2.1: Improve integrated water management and transnational flood risk prevention
3. Other Priority Areas and Actions the project is contributing to (please mention only the Priority Area no. and title of Action)
PA 4.01 To implement fully the Danube River Basin Management Plan PA 4.02 To greatly strengthen cooperation at sub-basin level PA 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 PA 5.01 To develop and adopt one single overarching floods management plan at basin level or a set of flood risk management plans coordinated at the level of the international river basin PA 5.07 Anticipate regional and local impacts of climate change through research PA 5.08 To develop spatial planning and construction activities in the context of climate change and increased threats of floods PA 6.01 To contribute to the 2050 EU vision and 2020 EU target for biodiversity PA 6.06 To reduce the spread of invasive alien species (IAS) PA 6.15 To build capacities of local authorities in the environment-related matters
A - Project description
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)
The objectives of SEWABIS are consistent with the EU horizontal policies and EU Strategy for Danube Region ensuring the implementation of the directives and guidelines for sustainable development and environmental protection. The outcomes of the SEWABIS project will provide adequate and coordinated measures to achieve good water body status and to reduce as much as possible the environmental hazard of floods. The upgrade of monitoring methods, especially for large rivers will enable their implementation also to the Danube River and other big European rivers and will be beneficial not only for the SRB, but also for the wider European region. The project will facilitate and promote interdisciplinary collaboration and know-how transfer between institutions involved in water management, flood risk management and climate change through workshops, seminars and other public promotion activities.
5. Project general and specific objectives (maximum 400 characters without spaces)
Harmonization of sampling protocols and methodologies for water, sediments and biota, especially for large rivers Data collection on chemical analyses, hydromorphology, biodiversity and invasive species Integration of flood risk management with SRB water management considering ecological status and climate change assessment Database on environmental status of SRB and its specific pollutants
6. Proposed project activities and their location(s) (list main and sub-activities. maximum 800 characters without spaces)
Cooperation and know-how transfer between institutions responsible for sustainable water management, development of transnational partnership via first Joint Sava Survey, integration of flood risk management with river basin water management by assessment of chemical pollution of water, sediments and biota, considering climate changes, establishing efficient data exchange and developing web based database on environmental monitoring data. To improve the sustainable development of the region. The project aims to support implementation of EU directives e.g. WFD and FASRB and fill the gaps of the existing Sava RBM plan and support development of the next cycle of SRBMP. Location: Sava riparian countries and Slovakia.
7. Expected results and outcomes (Please use measurable indicators, where available. Maximum 400 characters without spaces)
The outcomes of the project will provide supplementary information for development of future water management plans and flood protection plans on local, national and transnational level (SRB, Sediment and Flood Risk Management Plans, Plans for development of navigation, Protocols to the FASRB) and help to prevent potential ecological harmful effects of floods, considering also climate changes.
8. Target groups (Who is affected by the project results, who will use the project results? Maximum 500 characters without spaces)
Database established will be available for water managers and public through the project web site with the links to the web sites of the project partners and other relevant national institutions (Ministries, Water management agencies) and international organizations (ISRBC and ICPDR). Project results will significantly influence the development and implementation of investments (e.g. navigation, hydroelectric power plants) and help to prevent potential ecological harmful effects of floods.
9. Project timeframe (foreseen starting and ending date in mm/yy. If not available mention the duration in number of months)
07/12 06/14

B- Links to other Programmes/Policies
<p>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.)</p> <p>The SEWABIS project addresses and is in synergy with the following projects, programmes and policies:</p> <ul style="list-style-type: none"> - Framework Agreement on Sava River Basin regarding sustainable water management, environmental protection and implementation of WFD - Sava River Basin Management plan and Danube River Basin Management Plan regarding collection and evaluation of relevant data on water, sediment and biota and assessment of ecological status of Sava River and its tributaries - National monitoring programmes (SI, HR, BA, RS) regarding the improvement of existing monitoring systems - EC IPA 2007 PROGRAMME (SUPPORT TO BA WATER POLICY) - IPA Cross-Border Programme in support to water policy between Croatia-Serbia 2007-2013 - IPA Cross Border Programme in support to water policy between Croatia and Bosnia and Herzegovina 2007- 2013 - European Sediment Network - SEDNET regarding the assessment of sediment quality - (EU-FP6) Sava River Basin: Sustainable Use, Management and Protection of Resources (SARIB): in regard to database (2004-2007 – closed, Co-ordinator: Radmila Milačič – Jožef Stefan institute, Ljubljana, Slovenia) - Pilot River Basin Plan for the Sava River, (EC CARDS) in regard to data and sampling methodology - ALARM (EU-FP6) in regard to bio-invasions (the Sava River as the part of Southern Invasive Corridor) - AQUATERRA (EU-FP6) in regard to sediment-water-biota interaction - AQEM-STAR (EU-FP5) regarding to the system for status assessment - JOINT Danube Survey (ICPDR) regarding the water and sediment quality and biological assessment - Study of the Biological Monitoring of the Rivers and Lakes/Reservoirs in BA (GEF Trust Fund Grant) in regard to harmonisation of biological monitoring and assessment procedures - NORMAN (EU-FP6) regarding the monitoring and risk assessment of emerging environmental pollutants - MODELKEY (EU-FP6) regarding the chemical, ecotoxicological, biological and hydromorphology data integration <p>The cross-linking of data that are being collected and initiatives proposed will contribute to the comprehensive SEWABIS database and modeling for the assessment of the ecological status in SRB in support to flood risk management taking into consideration the climate changes.</p>
<p>12. Relevant international/EU directives and national legislation the project addresses (if relevant please list, e.g. Water Framework Directive, EU Biodiversity Strategy)</p> <p>Water Framework Directive (WFD 2000/60/EC)</p> <p>Guidance document on chemical monitoring of selected priority substances from WFD in sediments and biota was issued (Technical Report 041, 2010)</p> <p>EU biodiversity strategy, diversity of aquatic life, including the invasive aquatic species (IAS)</p> <p>EU Birds Directive 79/409/EEC</p> <p>EU Habitats Directive 92/43/EEC</p> <p>Danube River Basin District Management Plan DRBMP</p> <p>Danube Strategy (COM 2010 715, SEC 2010 1489/3)</p>
C - Project Budget and Founding
<p>13. Approximate total project budget (in EUR)</p> <p>1,490,000.00 EUR</p>
<p>14. Potential sources of funding (if appropriate, indicate funding programme and specific call, as well as the amount of own sources available)</p> <p>223,500.00 EUR partners own sources (15% of project budget)</p> <p>1,266,500.00 EUR from TCP SEE (85% of project budget)</p>
D - Partnership and Contact
<p>15. Proposed Lead Partner (Responsible institution/body)</p> <p>Lead partner: Jožef Stefan Institute, Ljubljana Slovenia</p> <p>Project co-ordinator: prof.dr. Radmila Milačič</p>
<p>16. Contact details of responsible person (Letter of Recommendation shall be sent to)</p> <p>Prof.dr. Radmila Milačič</p> <p>Department of Environmental Sciences</p> <p>Jožef Stefan Institute</p> <p>Jamova 39</p> <p>1000 Ljubljana</p> <p>Slovenia</p>
<p>17. Project Partners (Name and country, Status committed to be involved / already involved)</p> <p>ALREADY INVOLVED PARTNERS:</p> <p>LP: Jožef Stefan Institute (JSI) Slovenia</p> <p>ERDF PP1: Institute of Public Health Novo mesto (ZZVNM) Slovenia</p> <p>ERDF PP2: Water Research Institut Bratislava (WRI/VÚVH) Slovakia</p> <p>IPA-I PP1: Environment Protection Fund of Republic of Srpska (FZSRS) Bosnia and Herzegovina</p> <p>IPA-I PP2: Croatian Waters(HV) Croatia</p> <p>IPA-I PP3: University of Belgrade, Institute for Biological Research Siniša Stanković (IBISS) Serbia</p> <p>IPA-I PP4: Jaroslav Cerni Institute for the Development of Water Resources (IJC) Serbia</p> <p>IPA-I PP5: Faculty of Science, University of Zagreb (PMF) Croatia</p>
<p>18. Project Partner wanted (please specify type and country / region of partners you are looking for)</p> <p>no</p>

E - Closing remarks

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.)

OBSERVERS:

OP1 International Sava River Basin Commission ISRBC Croatia

OP2 International Commission for the Protection of the Danube River ICPDR Austria