

## South East Europe Transnational Programme

### Project Idea Form

**Project idea's title**

**“The Centre for Flood Prevention and Disaster Management  
of the South Eastern European Area” (CFPDM)**

**Priority**

(choose priority and indicate the  
relative area of intervention)

☐ Priority  
Axis 1

AoI \_\_\_\_\_

☒ Priority  
Axis 2

**Priority Axis 2: Protection and improvement of the  
environment**

**AoI 2.1 Improve integrated water management and transnational  
flood risk prevention**

☐ Priority  
Axis 3

AoI \_\_\_\_\_

☐ Priority  
Axis 4

AoI \_\_\_\_\_

**Project Idea Promoter**

(name of the institution)

**University of Novi Sad, Faculty of Agricultura, Department of Water Management**

**Contact Person**

Name **Atila Salvai**

Address **Faculty of Agricultura, Department of Water Management**

Country **Serbia**

**Tel +381 21 455770**

Email **salvai@polj.ns.ac.yu**

Is the applicant the project's potential Lead Partner?

☒ Yes

☐ No

If not, is the potential Lead Partner already being chosen?

☐ Yes

☐ No

**Background** (main problems or challenges to be addressed)

In the region of Hungary, Croatia, Serbia and Romania, flooding within the Danube River Basin threatens rural and urban areas. These areas are important factors in the economic and social activities for the citizens of the areas. However, those activities set constraints on the available water reserves on the one hand and they are prone to natural hazards and especially floods. Inadequate flood management is caused by: Lacking hazard information, Isolated tackling of problems in regions and no interdisciplinary communication. A specific challenge for the South East European Space is the common management of the flood hazards and the management of water resources and river catchments areas. Comprehensive river basin plans of the big rivers in the area and flood challenge in the river basins should be addressed. Water reserves, rivers and their impact are transnational per se. Thus only a transnational approach can have an impact on the long term.

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## Objectives (main and specific objectives to be achieved)

Main objective is establishing “The Centre for Flood Prevention and Disaster Management of the South Eastern European Area” (CFPDM) in NOVI SAD that may provide a valuable contribution to transnational structures and systems/tools for an integrated management of water resources and flood risk prevention.

The promotion of networking and skills for successful transnational operations, accompanied with infrastructure investment where appropriate will give the regions the necessary tools.

Integrated water management and transnational flood risk prevention should contribute to addressing **climate change**. Moreover, it is important that flood protection is developed in a way that is coherent with the **Water Framework Directive** and the **Directive on the assessment and management of floods** (e.g. integrated management plan covering the two Directives).

## Main foreseen activities

The Centre should provide valuable continuous information as core activity during non crisis phases such as: data aggregation and interpretation for monitoring the situation; build up an online information system; inform the public; train the experts and educate the political decision makers.

Main foreseen activities within transnational partnerships:

- Integrated flood risk management including management plans, harmonisation of different standards; improved institutional co-operation and better integration of national and regional administrative structures.
- Coordinating, harmonising and developing of monitoring systems and alert mechanisms.
- Coordinating, harmonising and developing integrated reaction systems for flood protection.
- Coordinating, harmonising and developing common civil protection systems.
- Strengthening the institutional capacity and human resources at national, regional and local level for the development of integrated water management and transnational flood risk prevention especially in the implementation of the Water Framework Directive and other related acts.

## Expected outputs and results

The main outputs of the Centre are:

- Continuous analysis of the current meteorological and hydrological situation
- Publishing flood alert messages and information
- Calculation flood forecasts
- Providing information about flood process and further development
- Coordination and implementation of flood control concepts.

In compliance with Directive on the assessment and management of flood risks, main expected results are: Preliminary flood risk assessment, Flood hazard maps and flood risk maps, Flood risk management plans.

**Innovative character of the project idea**

The Centre will provide compatible flood information systems of the South Eastern European Area.

Explanation: Most Western European countries use computer-based systems for flood management. In Central and Eastern Europe no complete computer-based decision support system exist.

**Partnership**

**Partners involved at this stage**

ERDF Partners	<p>??? Germany</p> <ul style="list-style-type: none"> <li>- German Aerospace Centre (DLR), Transportation Studies</li> </ul> <p>Hungary</p> <ul style="list-style-type: none"> <li>- Eotvos Jozef University of Baja, Water Management Environmental Engineering</li> <li>- Budapest University of Technology and Economics, Faculty of Civil Engineering</li> </ul> <p>Romania</p> <ul style="list-style-type: none"> <li>- Politehnica University of Timisoara, Faculty of Hydrotechnics</li> </ul>
IPA Partners	<p>Serbia</p> <ul style="list-style-type: none"> <li>- University of Novi Sad, Faculty of Agriculture, Department of Water Management, Novi Sad</li> <li>- University of Novi Sad, Faculty of Technical Sciences, Department of Automatic Control and Decision Making Systems, Novi Sad</li> <li>- Public Water Management Company 'Vode Vojvodine', Novi Sad</li> </ul> <p>Croatia</p> <ul style="list-style-type: none"> <li>- University of Osijek, Faculty of Civil Engineering</li> </ul>
ENPI Partners*	

**Partners requested**

ERDF Partners	
IPA Partners	
ENPI Partners	

**Estimated Total Budget**

?? 25.000.000,00 €

**Does your project idea foresee the application for the 10% rule\***

<input type="checkbox"/> Yes. Please, explain in detail what will it be used for and the relevance for the project	<input checked="" type="checkbox"/> No
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**Estimated duration**  
(in months)

72 mounths (2008-2013)

☐ I would like my project's idea to be published on the Southeast Europe Transnational Programme's website and presented during the SEE kick off event.

\* ENPI Funds won't be available for the 1<sup>st</sup> Call. Partners from Ukraine and Republic of Moldova can be involved by applying for the 10% rule.

\* The 20% rule is not applicable for the 1<sup>st</sup> Call.