

4th Danube Financing Dialogue



REPUBLIKA HRVATSKA
Ministarstvo regionalnoga razvoja
i fondova Europske unije



CROATIAN NATIONAL BANK

INCEMC is a national research institution with more than 20 years of experience in Electro-Chemistry, Medical, Materials and Environmental R&D, and numerous recognition awards in these fields. Recently, INCEMC has completed the construction of a state-of-the-art Renewable Energy Lab, a 8 mio. EUR investment from the EC and the RO government.

Monitoring system to control and reduce pollution along the Danube

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INCEMC - National R&D Institute for Electro-Chemistry and Condensed Matter

Project description

Water pollution is one of our main concerns and also represents a huge problem in RO. The lack of culture towards water, lack of education, lack of instruments, lack of reaction by public authorities and the society, lead to an accelerated destruction of land, river and sea ecosystems by excessive human pollution and littering, which ends up in the Danube river and Delta. We plan to:

- create real time monitoring system to detect-locate-measure sources of water pollution
- alert the authorities and civil society
- educate the children, inform and involve the population
- raise public awareness and preoccupation to preserving water resources

Project goal

We start with the experience and tools created by our R&D partners at NIVA - Norway (www.niva.no) and adapt them to the Romanian reality, to create a monitoring system and Eco-education program to control and reduce pollution along the Danube basin, nearby urban concentrations & tourist attractions.

Beneficiaries and target groups

- Public authorities and civil society
- Children and adults in communities living along major rivers
- Cleaner & safer water and environment for everybody
- Tourism & business sectors

Constraints and risk appraisal

- Lack of financing
- Lack of civil involvement and youth engagement
- Lack of authority and corrective measures
- Financial-operational will be mitigated by adhering to EU research consortium to bring calibration/data exchange to programs like "Copernicus" (www.copernicus.eu)

Type of financial product searching for

- Grant

Sectors

- Culture and tourism
- Environment and green business
- Research, education and labour market

Countries engaged in the project

- Romania
- Serbia

Budget planning in EUR

Cost breakdown (Senior Expert, equipment, ...)	Year 1 (in EUR)	Year 2 (in EUR)	Year 3 (in EUR)
Experts and research team	€300.000	€200.000	€200.000
Buildings and equipments	€960.000	€10.000	€10.000
Education and public information	€50.000	€50.000	€50.000
Transfer and maintenance cost	€200.000	€20.000	€20.000
Travel, communication and logistics	€35.000	€15.000	€15.000
Total	€1.545.000	€295.000	€295.000