



PARTNER SEARCH – PARTNER OFFER

SOCIETAL CHALLENGE 5

Climate action, environment, resource efficiency and raw materials

Interest in call:

H2020-WASTE	<i>Partner in: H2020-WASTE-4d-2015; H2020-WASTE-6-2015; H2020-WASTE-7-2015.</i>
H2020-WATER	<i>Partner in: H2020-WATER-1b-2015; H2020-WATER-2b-2015; H2020-WATER-4b-2015; H2020-WATER-5b-2015; H2020-WATER-5c-2015.</i>
H2020-SC5	<i>Partner in: H2020-SC5-5b-2015; H2020-SC5-7-2015; H2020-SC5-10c-2015; H2020-SC5-18b-2015; H2020-SC5-19b-2015.</i>

Contact details

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Type of organistaion

Organisation	Public institute
Short description of organization	<p>The Institute for Water of the Republic of Slovenia is the lead research and advisory institution in integrated water planning and common European water policy in the Republic of Slovenia. It conducts in-depth and comprehensive research and offers professional support in water planning covering all types of surface waters and the sea. The Institute for Water of the Republic of Slovenia employs a multi-disciplinary group of scientists and experts with international experiences working in many fields of research important for comprehensive water and marine management. The Institute for Water of the Republic of Slovenia directly supports and advice Slovenian Government in efficient management of water resources and in implementation of common European water policy and international strategies and conventions.</p>



Partner profile

<p>Proposed contribution to the project</p>	<p>Main competences of the Institute for Water of the Republic of Slovenia:</p> <ul style="list-style-type: none"> ➤ problem solutions on integrated water and marine management; ➤ assessments of characteristics of the river basin district; ➤ environmental objectives: setting environmental objectives for surface waters; ➤ reference conditions: establishment of type-specific reference conditions for surface water body types; ➤ pressures and impacts: characterisation and identification of significant pressures and impacts of human activity on the status of surface water; ➤ biological pressures: preparation of mitigation measures for reducing alien species invasion and other biological pressures; ➤ ecology: relationships between aquatic communities (response of benthic invertebrates, fish and phytobenthos) and anthropogenic pressures (hydromorphology, land use, eutrophication, organic pollution); ➤ hydromorphology: hydromorphological characteristics of rivers and lakes in relation to aquatic communities; ➤ EIA: environmental impact assessments for water and marine ecosystems; ➤ underwater noise: select and improve an appropriate model and understanding of underwater sound propagation and its mapping for all noise sources involved in the sea; ➤ marine litter: marine litter assessment for beach and floating litter, sampling and sample analysis for microplastic pollution on sea surface and beach sediment; ➤ ballast water management: prevention of risks to the environment and humans from the transfer of invasive non-indigenous aquatic organisms and pathogens; ➤ preparation of programmes of measures; ➤ mitigation measures: preparation of mitigation measures for protection of water ecosystems; ➤ development of river restoration strategies; ➤ marine spatial planning: analyses of conflicts between different sectors of marine uses and legal regimes; ➤ ecological flow: determination of ecological flows for rivers and evaluation of water availability for water users; ➤ sustainable water use: development of criteria for sustainable water use for different water users, development of methodologies for sustainable - green hydropower, evaluation of aquatic habitats at different flows; ➤ economic analysis of water use, environmental and resource costs estimations, analyses of costs recovery for water services, and assessments of costs of degradation of water environment, cost benefit analysis, multi-criteria analysis; ➤ ecosystem services; ➤ innovative technologies for industrial and municipal wastewater treatment; ➤ research on reuse of natural resources such as reuse of treated wastewater in production processes of different industries.
<p>Keywords describing the expertise offered</p>	<ul style="list-style-type: none"> • water and marine management; • sustainable water use; • pressures and impact analyses on water; • ecology; • economic analyses of water use.

Type of partners we are looking for



<p>Type and role of partners sought</p>	<p>We are seeking the following partners from EU:</p> <ul style="list-style-type: none"> • Universities; • Institutes; • SMEs on Water Management; • Municipalities and regional authorities.
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Previous and current experience in EU projects

<p>Previous R&D projects</p>	<p>SEE Water- Sustainable Integrated Management of International River Corridors in SEE Countries (2012-2014), AIM-Alpine space In Movement, Targeted to water and energy capitalization (2013-2014), AQUAVIVA-Live Water - from Biodiversity to the Tap (2011-2014), Innovative measures in floodplains: the Krško-Zagreb pilot project (2012-2013), ETCICM Water-European Topic Center for Inland Coastal and Marine Water (2011-2013), CORNET AOP4Water (2011-2013), Certification for Hydro: Improving Clean Energy (2008-2011), CH2OICE-Certification for HydrO: Improving Clean Energy (2008-2011), ETC/W-Operation, Cooperation and Management of the European Topic Center on Water (2007-2010), Development of Sava River Basin Management Plan – Pilot Project (2007-2008), BIOMURA-Conservation of Biodiversity of the Mura river in Slovenia (2006-2011), NATURE 2000 in Slovenia – Management Models and Information System (2005-2007), UNDP/GEF Danube Regional Project. Component 1.1-9 (2006-2007), Environmental Standards: setting risk limits for water and sediments in the case of the Drava River (2004-2006), Writing background papers on biodiversity, economic restructuring and quality of life in respect to EU enlargement (2003-2004), Environmental Impact of EU policies on a CEEC Catchment (2000-2001), Strengthening Capacity in PHARE Accession Countries in Environmental Reporting (1999-2000), Transboundary Cooperation in Wetlands Conservation and Danube River Basin Management (1999-2000), Phare Topic Link Inland Water (1997-1999), Desertification Risk Assessment and Land Use Planning in a Mediterranean (1993-1996), MEDIMONT– A Multinational, Multidisciplinary Research Programme (1993-1996)</p>
<p>Current R&D projects</p>	<p>BeWater- Making society an active participant in water adaptation to global change (2013-2017), BALMAS-Ballast water management system for Adriatic sea protection (2013-2016), DEFISHGEAR-Derelict Fishing Gear Management System in the Adriatic Region (2013-2016), CAMIS-Coordinated activities for management of Isonzo Soča (2012-2015)</p>

Ljubljana, 20. 3. 2015

Igor Plestenjak
 Director