

Project idea form

Idea version date: 27th of October.....

Name of the project idea: <i>Please provide the working title of the proposal.</i>	Water Innovation System Amplifier (WISA): Test-beds for water innovation	
Countries involved: <i>With partners from which Member States are you planning to cooperate (indicative information)?</i>	Partners from all relevant MS	
Programme objective: <i>Please indicate the objective of the Programme under which the proposal is planned / could be submitted.</i>	SO 1.1 Increase the presence of blue and green sector SMEs from the South Baltic area in international markets through joint cross-border actions	
	SO 1.2 Improve the transfer of innovation for the benefit of blue and green sector SMEs through joint cross-border actions	
	SO 2.1 Increased development of the South Baltic area's natural and cultural heritage assets into sustainable tourist destinations	
	SO 2.2 Increased use of green technologies in order to decrease the pollution discharges in the South Baltic area	X
	SO 3 Improve the quality and environmental sustainability of transport services in the South Baltic area	
	SO 4 Increase the share of skilled labour force working in blue and green economy sectors of the South Baltic area through joint cross-border actions	
SO 5 Improve the cooperation capacity of local South Baltic area actors through participation in cross-border networks		
Indicative project duration: <i>Please indicate the approx. implementation period in months.</i>	36 months	
Indicative project budget: <i>Please indicate the approx. total budget in EUR.</i>	Not discussed yet	
Required partners: <i>What kind of partners / associated organisations do you search to compose an appropriate consortium?</i>	All organisations interested in water innovation, e.g. authorities on local, regional and national level, researchers, private companies. Consortia with focus on water innovation in South Baltic Programme's regions in Denmark, Germany and Poland. Partners in Sweden and Lithuania are in place.	

<p>Partner / associated organisations found: <i>What kind of partners / associated organisations already joined partnership?</i></p>	<p>Klaipeda University and Klaipeda port, the project idea is focusing on handling discharges from fertilisers in harbours.</p> <p>Åhus harbour, Sweden which wish to find better ways to handling storm water.</p>
<p>Lead partner <i>Which organisation is to become the Lead Partner?</i></p>	<p>Krinova Incubator and Science park, Sweden</p>

<p>Background of the project <i>Describe the initial situation, challenge or opportunity - why is the project necessary?</i></p>	<p>The main challenge addressed by WISA is combating the effects of environmental pressures resulting from concentration of population and economic activities in urban centres and coastal areas, leading to higher eutrophication and biodiversity loss hazards as a consequence of nutrient discharges in the South Baltic catchment areas. These challenges, together with the needs of households, business and ecosystems for pure water, is the starting point for this project. The situation might be considered bleak but with relevant cooperation between stakeholders, the potential for innovative, cost-effective solutions linked to clean water are great. However, to unlock this potential private and public organisations, such as researchers, companies and other stakeholders, need access to relevant functions for testing, skills and knowledge of problems related to clean water, that is, we need to develop a test-bed for water innovation, to develop the interconnected water innovation ecosystem in our region. In this project we would like to focus on using the WISA-process when assessing, developing and testing green technologies in handling storm water in harbours and other sites with large, hard surfaces.</p>
<p>Aim of the project/ expected result <i>Describe the main result of your project (impact, changes) and how it contributes to the selected Programme specific objective.</i></p>	<p>To create, test and modify test-beds for water innovation (or similar) in participating sites. A test bed is a development environment designed to facilitate an experimental innovation process, and which minimizes risks and maximizes availability of development resources and test functions. Examples of sites are harbours and municipal waste treatment facilities.</p> <ul style="list-style-type: none"> - Flexible access to public and private functions for testing, skills and knowledge of problems. - Knowledge of challenges and how to define them at participating sites - Methods and tools for creating projects within cross organisational borders - defined rules for cooperation that make it easy to interact with a common defined goal - support for commercialization for development projects in collaboration

<p>Output of the project <i>Define your project main outputs (list up to 4), and describe how they contribute to the selected Programme output indicator(s).</i></p>	<p>(max. 2000 characters) To be discussed and defined.</p>
<p>Main activities <i>Describe the main activities /methodology which shall lead to the anticipated change / impact?</i></p>	<p>Could be for <u>example</u>:</p> <ul style="list-style-type: none"> - Mapping and Analysis of the specific conditions in participating sites, that is Klaipeda harbour, Åhus harbour (here we add other sites) - Design and execute pilots within the test-beds - Data Collection and Analysis, method development - Exchange of experience - Developing, demonstrating and implementing small-scale green technology investments (pilot projects) in storm water management - Developing and testing of innovative cross-border solutions aimed at improving and coordinating sustainable storm water management - Joint cross-border studies, strategies and action plans to mitigate water pollution in the South Baltic area through the application of innovative green technologies - Development and testing of innovative cross-border solutions aimed at decreasing the outflows of nutrients from small and diffuse sources in catchment areas - Development of green policy strategies and patterns to overcome challenges and mobilise regional opportunities for water management, including models for cooperation with water management companies on comprehensive water management solutions - Capacity building actions, transfer of knowledge and exchange of experiences about innovative green technology solutions to improve efforts of different organisations to protect water.
<p>Cross-border cooperation <i>Describe why you need cross-border cooperation to achieve your objectives and how the element of cooperation will be reflected in the project.</i></p>	<p>In short, the health of the Baltic sea is a very clear common challenge that needs no be solved in a broad partnership. On a project level, we have the impression that there is a need for the model for cooperation that we are proposing in many regions, and as for our partner in Lithuania we understand that the kind of expertise they offer is not easy to find in, for example, Sweden.</p>
<p>Contact details: <i>Please provide contact details of your organisation and relevant staff for contact</i></p>	<p>Sara Wanther, responsible project design, Krinova Incubator & Science Park, sara@krinova.se +46-729848834</p>

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