

1.1. The project summary

Project Number ¹	675680	Project Acronym ²	BlueBRIDGE
One form per project			
General information			
Project title ³	Building Research environments for fostering Innovation, Decision making, Governance and Education to support Blue growth		
Starting date ⁴	01/09/2015		
Duration in months ⁵	30		
Call (part) identifier ⁶	H2020-EINFRA-2015-1		
Topic	EINFRA-9-2015 e-Infrastructures for virtual research environments (VRE)		
Fixed EC Keywords	Computer sciences, information science and bioinformatics, NATURAL SCIENCES, AGRICULTURAL SCIENCES, ENGINEERING AND TECHNOLOGY, SOCIAL SCIENCES		
Free keywords	Data Publishing; Hybrid Data Infrastructure;		
Abstract ⁷			
<p>BlueBRIDGE responds to the Juncker Investment Plan opening funding opportunities for e-Infrastructures, innovating current practices in producing & delivering scientific knowledge advice to competent authorities & enlarges the spectrum of growth opportunities in distinctive Blue Growth areas. BlueBRIDGE builds on existing EU and International e-Infrastructures providing capacity building in interdisciplinary research communities of scientists, data managers & educators in academic institutions & industries focusing on 4 major challenges: 1) stock assessment 2) socio-economic performance analysis in aquaculture 3) fisheries & habitat degradation monitoring 4) education & knowledge bridging on protection & management of marine resources. BlueBRIDGE capitalizes on past investments and uses a proven e-Infrastructure connecting 1500+ scientists, integrating +50 repositories, executing +13,000 models & algorithms/month; providing access to over a billion quality records in repositories worldwide, with 99,7% service availability. BlueBRIDGE focuses on user needs, opening services & data to actors & liaising with competent agencies & SME Innovation Clusters. Major results include service-driven research environments addressing concrete challenges, data and a wide range of user defined Blue Growth indicators. BlueBRIDGE leverages a set of common services that together foster the realization of an innovative infrastructure-based approach for collaborative knowledge and data sharing, publishing, citation, traceability & trust concretely contributing to the e-Infrastructure Commons. BlueBRIDGE will be deployed in 30 months by an authoritative & complementary consortium with expertise in multiple scientific domains. It bundles forces from International Government Organizations, research institutes, industry, SMEs, education and computer science domains, establishing a network with a proven track in VREs & e-Infrastructures, marine, environmental & fisheries science & economy.</p>			