

**(PRIORITY 10)****OPEN DATA, OPEN SCIENCE, OPEN INNOVATION**

*Support knowledge sharing about health, evolution and functioning of Mediterranean basin's marine and coastal ecosystems with researchers, public policy makers and private sector to ensure the preservation of the basin's resources, develop sustainable activities, control pressures and anticipate the responses to global change. Strengthen the open access to high-quality data both to create a common understanding of Mediterranean challenges and to support smart and innovative data applications in marine-related economic activities.*

*The goal calls to support in parallel the development of a Mediterranean observing system of systems to enable the collection of high-quality data on marine and coastal environments (see Priority 4).*

Promote and regulate transparency with regard to the results of research conducted or 'owned' by public/private companies and institutions, and public authorities, and take action to make them more readily available to the society.

Create a “Blue Cloud” for Marine data accumulation (e.g. oceanographic, bioptical, genomics, -omics, and -metaomics) at Mediterranean level. Promote standardization and interoperability of technological solutions with specific reference to the maritime field with innovate “guides to the use” explaining what diverse sets of data are available, standardized sampling and analyses methodologies. Linking all “guides” to their corresponding Blue Cloud database.

Implement ICT, Big Data Analysis and Cloud Services Platforms to take advantage of multi-sectoral data management and sharing opportunities for the Mediterranean.

*Integrate the Information Communication Technologies-ICT (Big Data, Internet of Things-connected objects, Deep Learning, etc.) in the development of observing systems to deliver high-tech products and services for traditional and emerging sectors such as fisheries, aquaculture, MREs, transports (e.g. Motorways of the Sea, Locations of Ports, navigation conditions), etc.*

<b>Strategic Action/1</b>	<b>Blue Economy Mediterranean Observatory MedBlueNet</b> (integrated data service connected with Emodnet and Copernicus)
<b>Indicative starting time</b>	2021
<b>Suggested timeframe</b>	ttt
<b>Proposed funding programmes and instrument</b>	Horizon Europe, alignment and coordination with relevant initiatives and bodies (Emodnet, Copernicus, Eurostat, Medstat, EOSC, ESFR1)
<b>Tentative budget</b>	€€€

<b>Strategic Action/2</b>	<b>Creation of a Mediterranean European Open Innovation Network in blue technologies</b>
<b>Indicative starting time</b>	2021
<b>Suggested timeframe</b>	ttt
<b>Proposed funding programmes and instrument</b>	DG Growth, Interreg, ENPI, UfM
<b>Tentative budget</b>	€€

<b>Promotional Action/1</b>	<b>Mediterranean Blue Data Conference towards an open data approach to share best practices within/ among countries</b>
<b>Indicative starting time</b>	Annual meeting, starting March 2021
<b>Proposed instrument</b>	Copernicus, Horizon Europe, UNEP/MAP, UfM, Eurostat
<b>Tentative budget</b>	€ (for one meeting)

<b>Promotional Action/2</b>	<b>Blue Mediterranean Open Access Journal</b>
<b>Indicative starting time</b>	Bi-annual publication, starting 2021
<b>Proposed instrument</b>	Co-fund open access journal with willing partners/ countries. Promotion of this activity and relevant lobbying actions led by supporting co-champion countries. Engage the support of the EC and other relevant bodies/initiatives/national funds.
<b>Tentative budget</b>	€€