The recent Communication from the Commission on the European Cloud Initiative - Building a competitive data and knowledge economy in Europe - calls for the establishment of a European Open Science Cloud that “makes it possible to move, share and re-use data seamlessly across global markets and borders, and among institutions and research disciplines”.

It also highlights that “scientific data producers and users must be able to re-use data and to use advanced analytics techniques, such as text and data mining, in an environment that is at least as dependable as their own facilities”.

BlueBRIDGE moves in this direction:

- Facilitating the cross-fertilization of results among different disciplines – the “BRIDGE” concept

BlueBRIDGE provides answers and concrete tools to tackle the issue of the silos approach. Its on-demand VREs provide researchers belonging to different domains, policy makers, educators, and private companies with an efficient virtual environment where they can collaborate, share, and re-use the research outputs.

- Providing innovative facilities for mining, analysing, and processing massive amount of data.

- Making data and computing resources available at a reasonable cost for public and private organisations. SMEs can exploit the BlueBRIDGE VREs to build their innovative products, accelerating their go-to market.

BlueBRIDGE delivers tailor made data management services to different communities (aquaculture, ecosystem approach to fisheries and research sector) and stakeholders.

The BlueBRIDGE services are operated through collaborative Virtual Research Environments (VREs) built on top of a hybrid-data infrastructure (D4Science, www.d4science.org).