

Blue-Cloud federation: towards an EOSC thematic node for marine research



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Blue-Cloud collaborative web-based environment is a candidate for becoming an EOSC thematic Node for marine research.

Its hybrid cloud platform will be open to any users with a federated identity. It will offer distributed resources via different EOSC technological and service providers that make their e-infrastructure services (computing, storage, analytics, SSO, AAI, generic service) available to the community, following data practices accepted by EOSC.

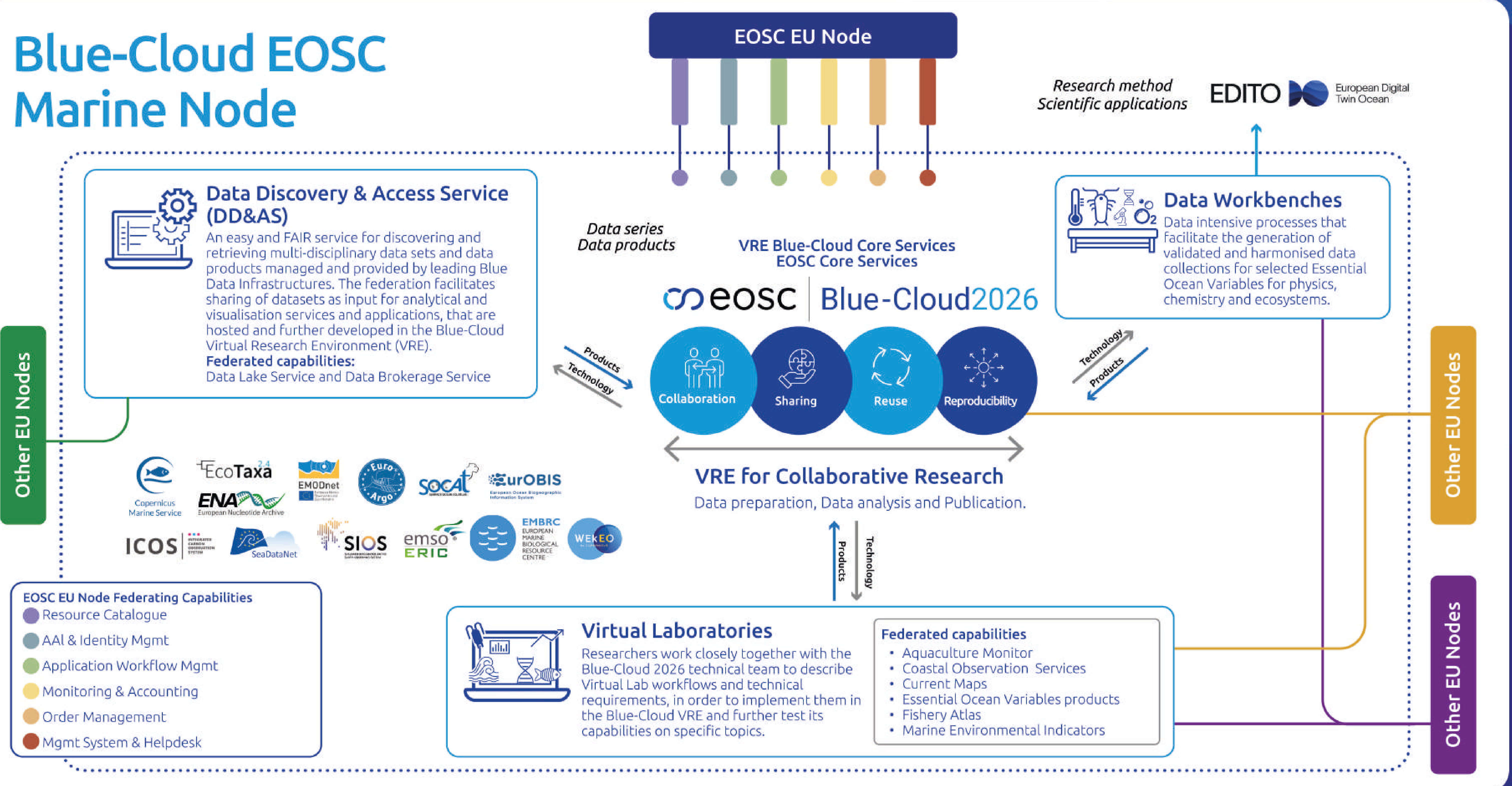
Core federated services

- AAI & Identity Management
- Application Workflow
- Monitoring and accounting
- Order management
- Mgmt system & helpdesk

Thematic services

Blue-Cloud offers FAIR and open data services available in a federated and collaborative environment, where researchers can retrieve marine data (10M+ datasets) from leading marine Research Infrastructures through the Data Discovery and Access Service (DD&AS), exploit them in the Virtual Research Environment (VRE) and access distributed cloud resources, making the most out of innovative analytical services and interdisciplinary Virtual Labs.

Blue-Cloud EOSC Marine Node



Blue-Cloud Training Academy

A Training Academy, in collaboration with IEEE, EuroGOOS, IODE and Ocean Teacher Global Academy from UNESCO, is available to guide users in using services from this marine node and how to apply FAIR Data practices in marine research.