

Pilot Blue Cloud

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**"Open science clinic: An introduction
to terms and operation of Open
Access and Open Data"**

26 October 2017

European Open Science Cloud (EOSC)



Problem:

The science system transforming fast from data-sparse to data-saturated, and toward increased multidisciplinary. Scientific data is in need of openness, better handling, careful management, machine actionability and re-use.

The Goal (see also COM(2016)178):

A European Open Science Cloud: An open and trusted environment where research data can be safely stored and made openly available.

Objectives:

Improve & federate existing structures (standards, interoperability, governance, financing) based on user needs

Incentives for data sharing in science & training

Policy actions by RTD/A6:

Taken: EC Communication 2016/178; Council & EP support, H2020 open data policy & DMPs, 1st EOSC Summit

Planned: Stakeholder declaration (actions), governance board, 2nd EOSC Summit fall/2017, FAIR Action plan 2018

Response to SDGs:



Blue cloud

Developed to contribute to and benefit from the overall EOSC:



EOSC pilot
The European Open Science
Cloud for Research Pilot Project



EGI-Engage: Engaging the Research
Community towards an Open
Science Commons



EUDAT: European Data
Infrastructure



RDA: Research Data Alliance



Europe's eyes on Earth



ENVRI

23 February 2017
Open Science Task
Force Presentation

2016 G7 – Japan

- CMR Moedas proposed the development of a Pilot Blue Cloud.

28 March 2017
First Pilot Blue
Cloud workshop

13 June 2017
Second Pilot
Blue Cloud
workshop

October 2017
Common
Dissemination
Booster:
"Digitising the
Seas and
Oceans"

Early 2018
Third Pilot Blue
Cloud Workshop

In close coordination with the key building blocks,
users and the global marine data infrastructure



EuroGOOS
European Global Ocean
Observing System



emso
ERIC



Euro
Argo



EMBRC
EUROPEAN
MARINE
BIOLOGICAL
RESOURCE
CENTRE



EMODnet
European Marine
Observation and
Data Network



International
Oceanographic
Data and Information
Exchange

BIG DATA
OCEAN

Blue cloud

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Joint actions:

- Flagging exercise
- Blue Blueprint
- Set "Cloud" challenges

October 2017 Common Dissemination Booster: "Digitising the Seas and Oceans"

Early 2018 Third Pilot Blue Cloud Workshop

- Propose a Blue Blueprint for the EOSC
- Analyse results of flagging exercise

JPI
OCEANS

THANK YOU
Sigi Gruber