

ENVRI-FAIR

Environmental Research Infrastructures

building FAIR services

accessible for society, innovation and research

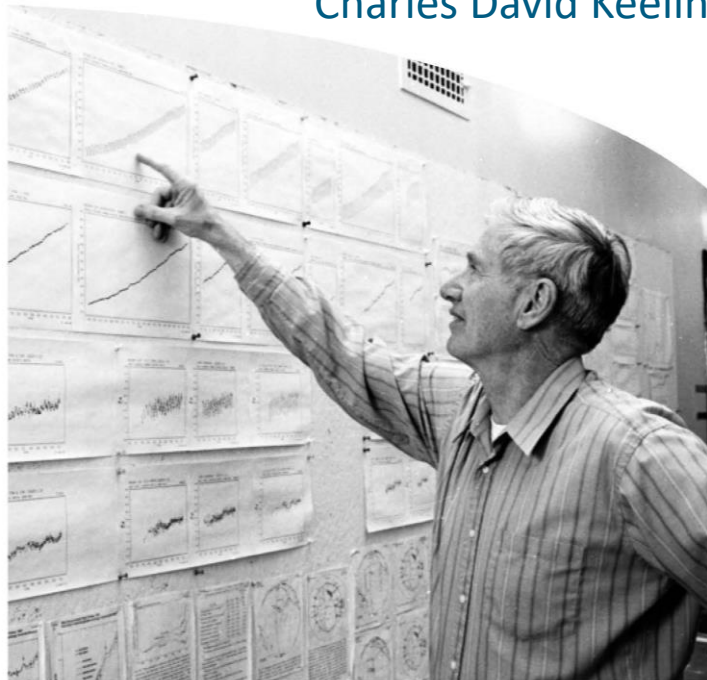
coordinated by

Andreas Petzold, Forschungszentrum Juelich, on behalf of IAGOS AISBL

Ari Asmi, University of Helsinki, on behalf of the ENVRI community

The Keeling Curve and the Tesla or: Who is the Innovator?

Charles David Keeling or Elon Musk?



The Keeling Curve

MAUNA LOA OBSERVATORY, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, APRIL 30, 2015
SCRIPPS INSTITUTION OF OCEANOGRAPHY, UNIVERSITY OF CALIFORNIA, SAN DIEGO, JUNE 12, 2015

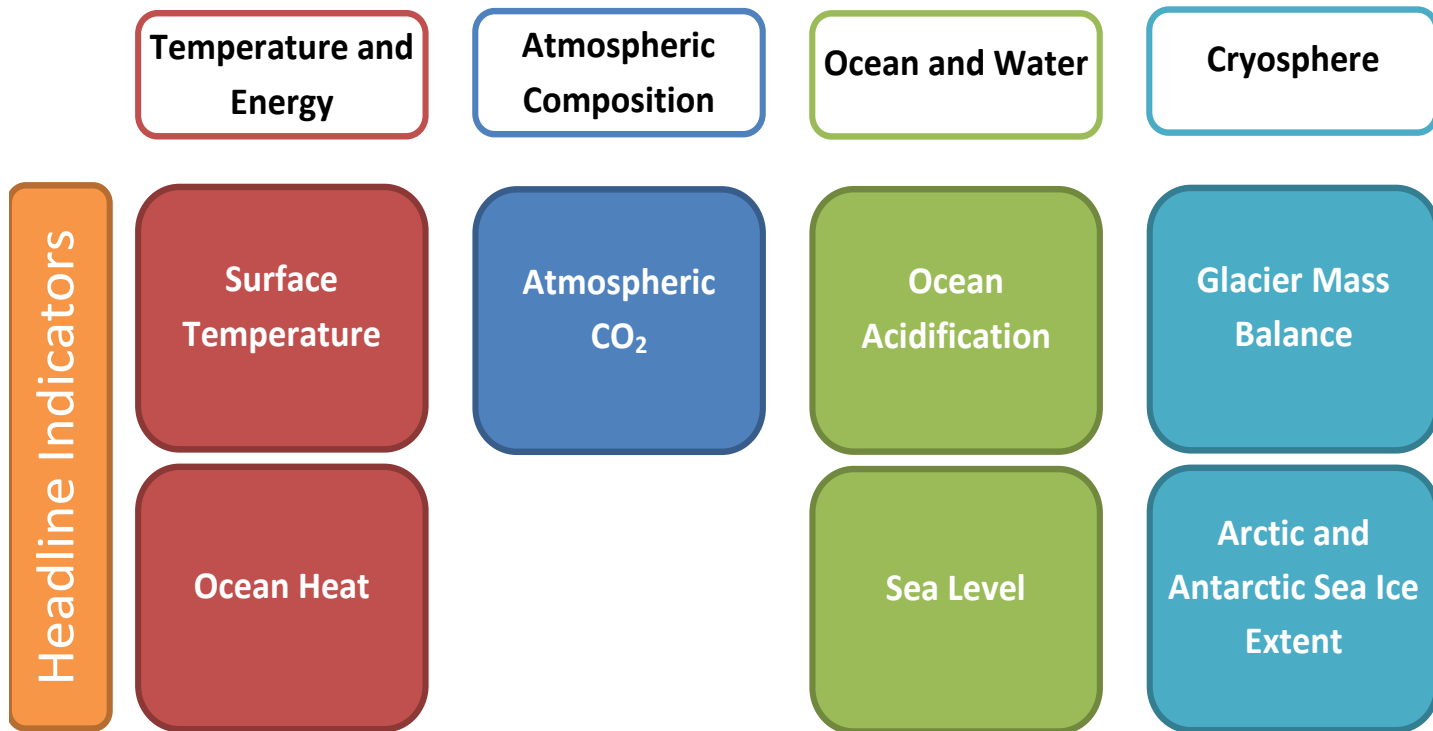
American Chemical Society



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- ENV RIs
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The Earth is our Lab

Global Climate Indicators



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Europe's Environmental Research Infrastructures



13 CLIMATE
ACTION



14 LIFE
BELOW WATER



15 LIFE
ON LAND



3 GOOD HEALTH
AND WELL-BEING

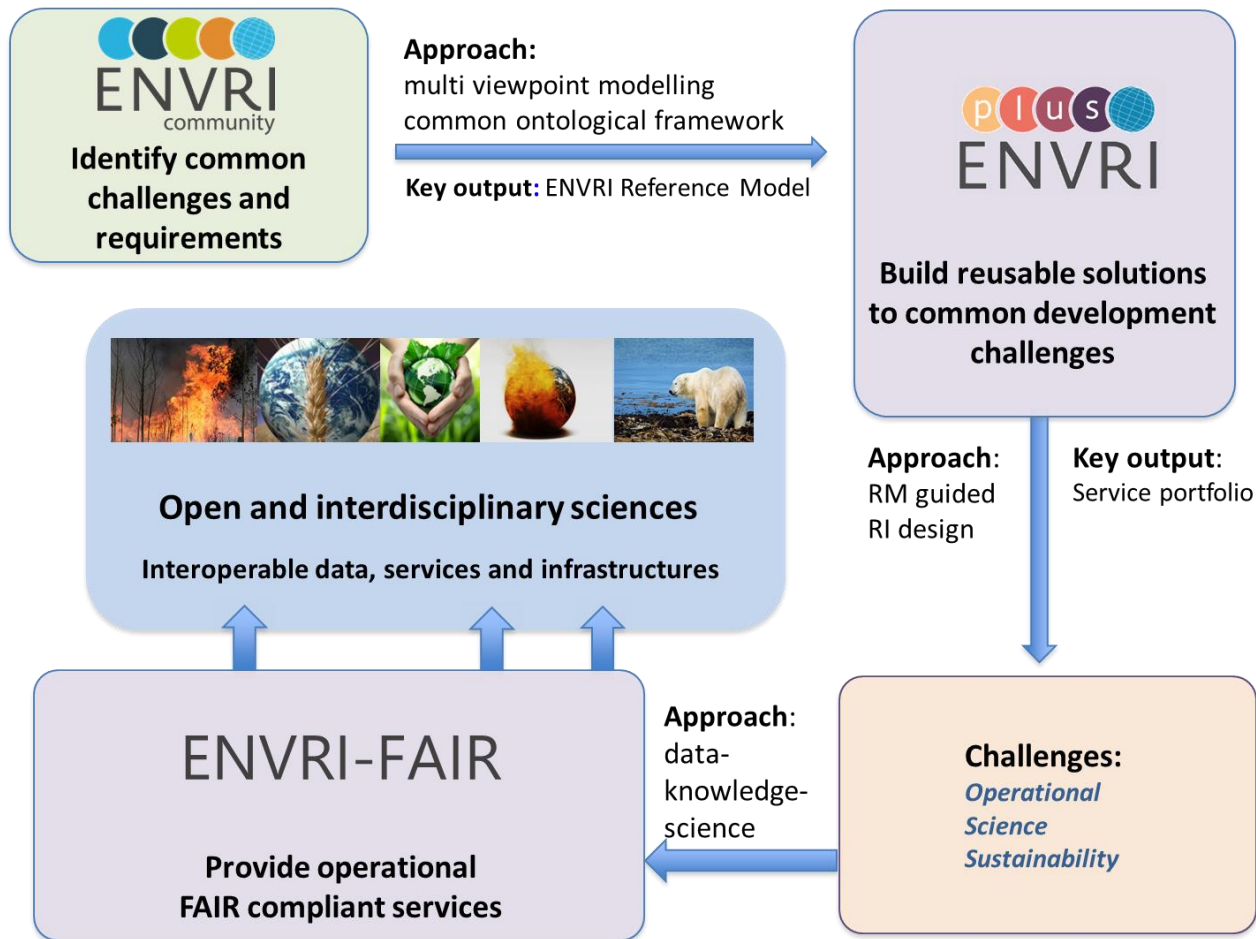


9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



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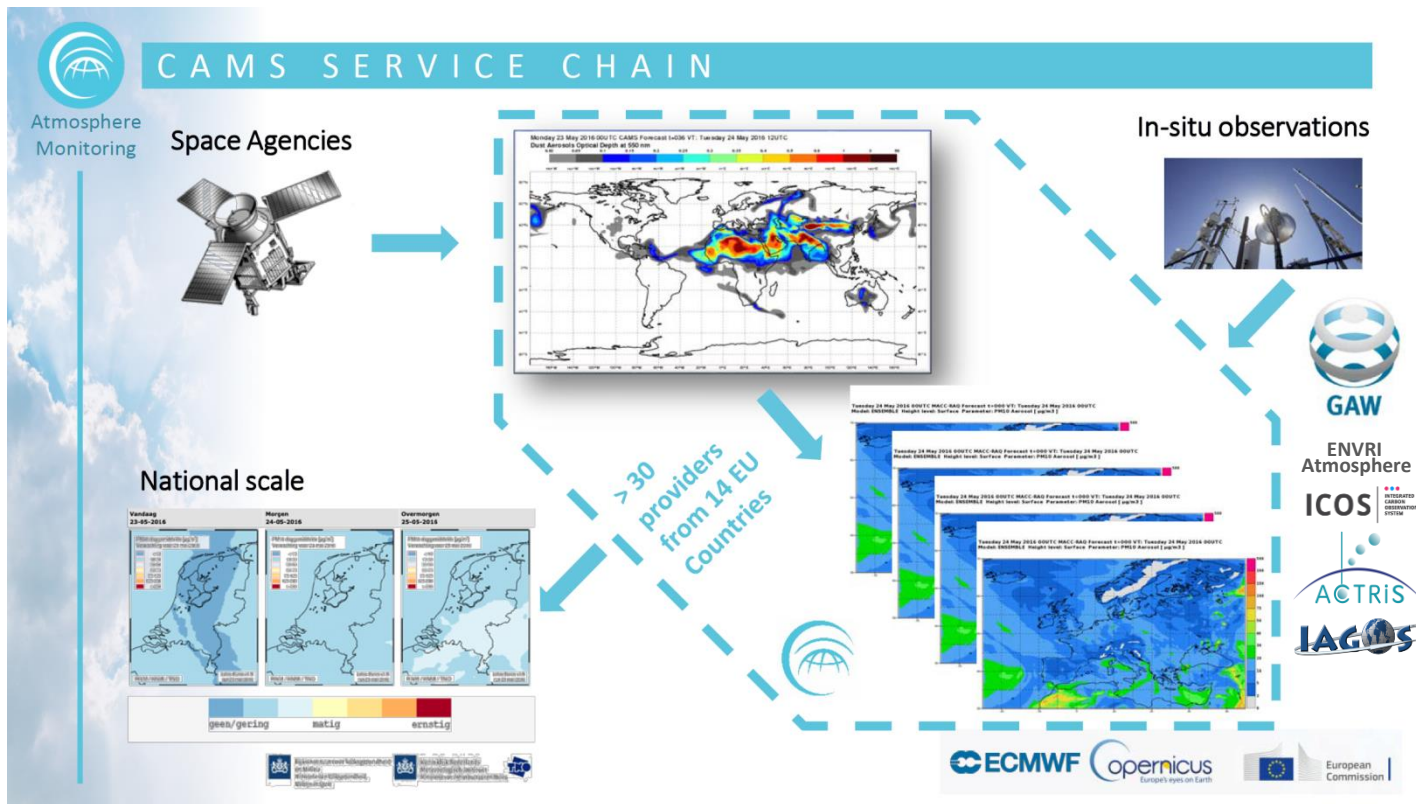
Europe's Environmental Research Infrastructures



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Europe's Environmental Research Infrastructures

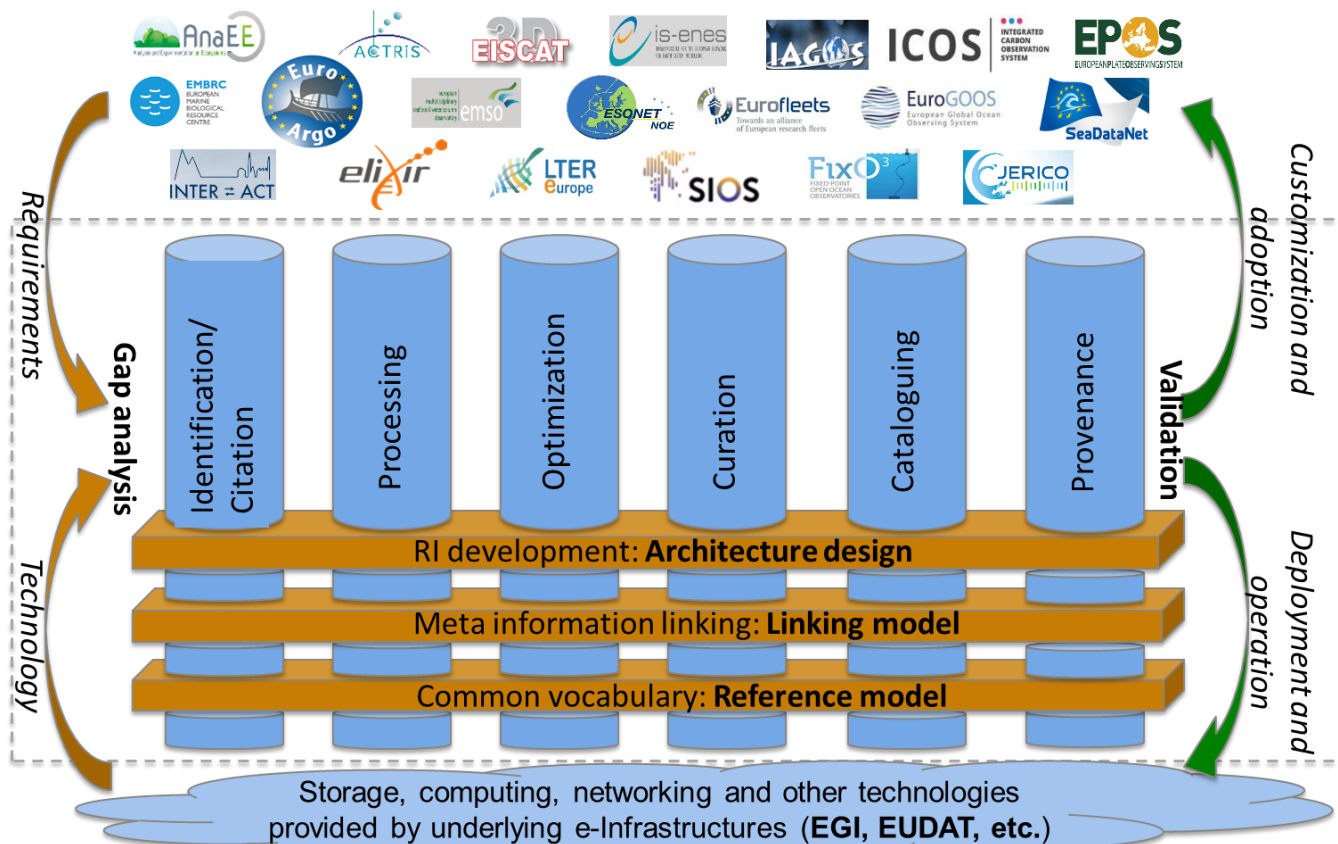
Joint Data Services and Products for the Society



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ENVRI-FAIR connects ENV RI Cluster to EOSC

The Concept



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The Ambition

The high-impact ambition of ENVRI-FAIR is to establish the technical preconditions for the successful implementation of a virtual, federated machine-to-machine interface to access environmental data and services provided by the contributing ENVRIs, called the ENVRI-hub.

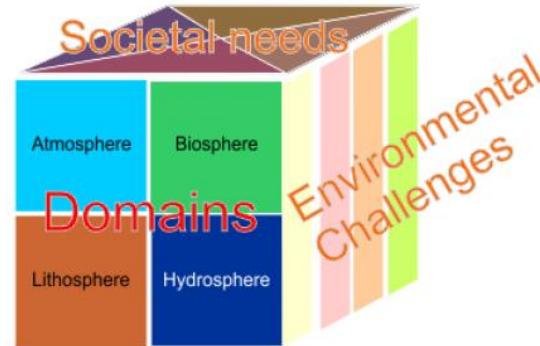
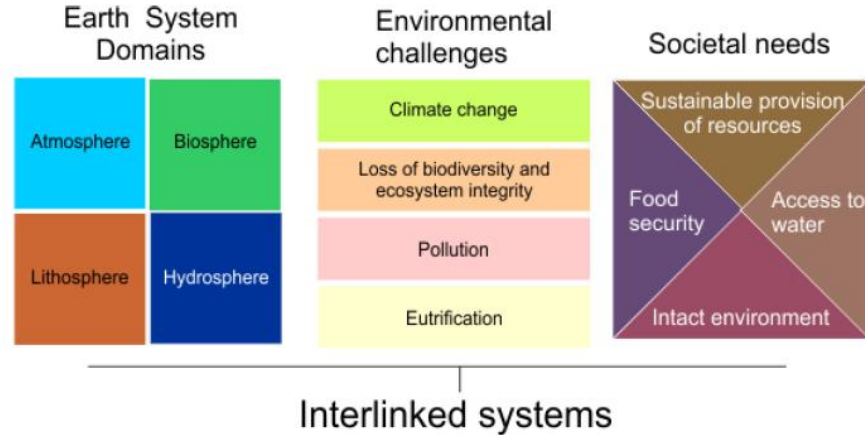
For users that require the full spectrum of environmental parameters, the ENVRI-hub will offer a platform that reflects the complexity and diversity of the ENVRI landscape, while preserving their specific structures and addressing the requirements they were designed for.

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Backup Slides

The Earth is our Lab

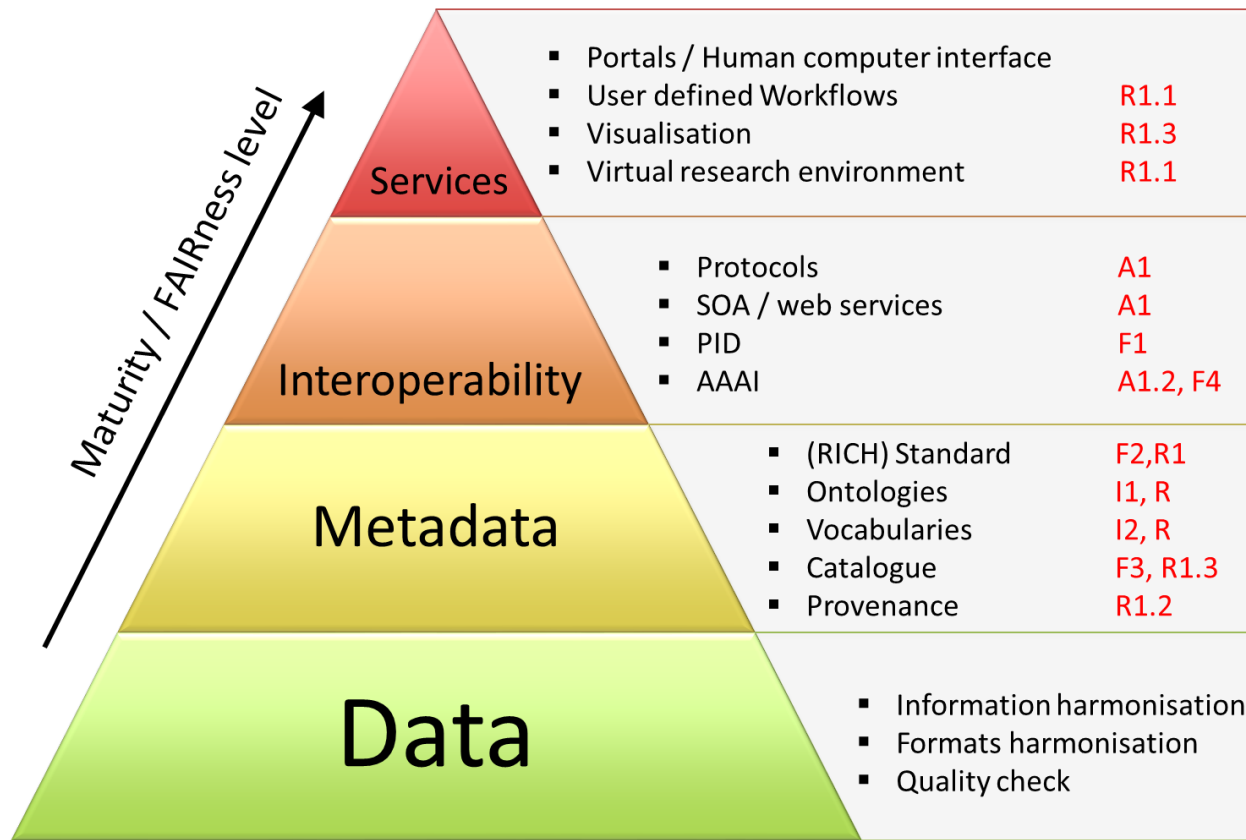
Landscape of Environmental Challenges



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Roadmap to FAIRness

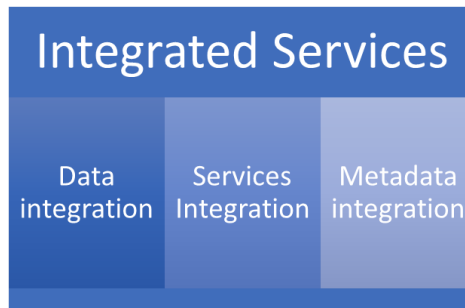
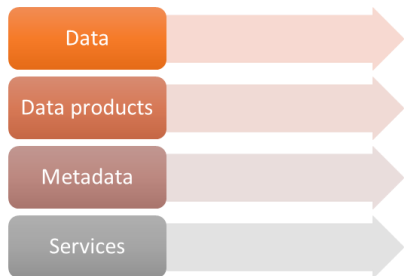


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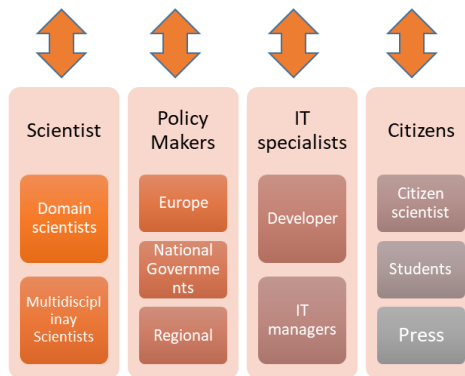
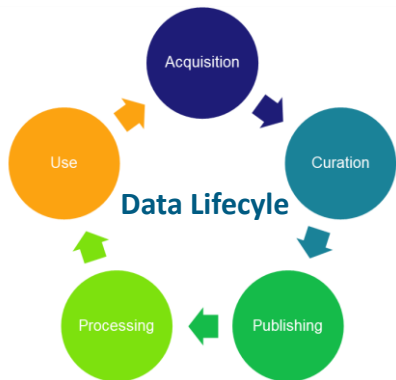
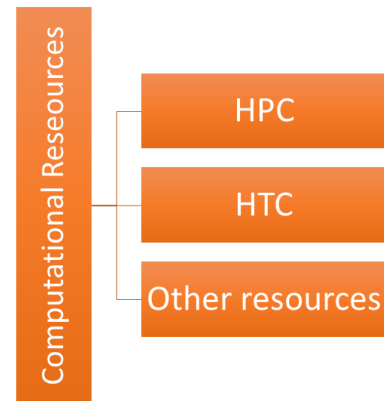
ENVRI-FAIR connects ENV RI Cluster to EOSC

The Ambition

Data Providers - ENV RIs



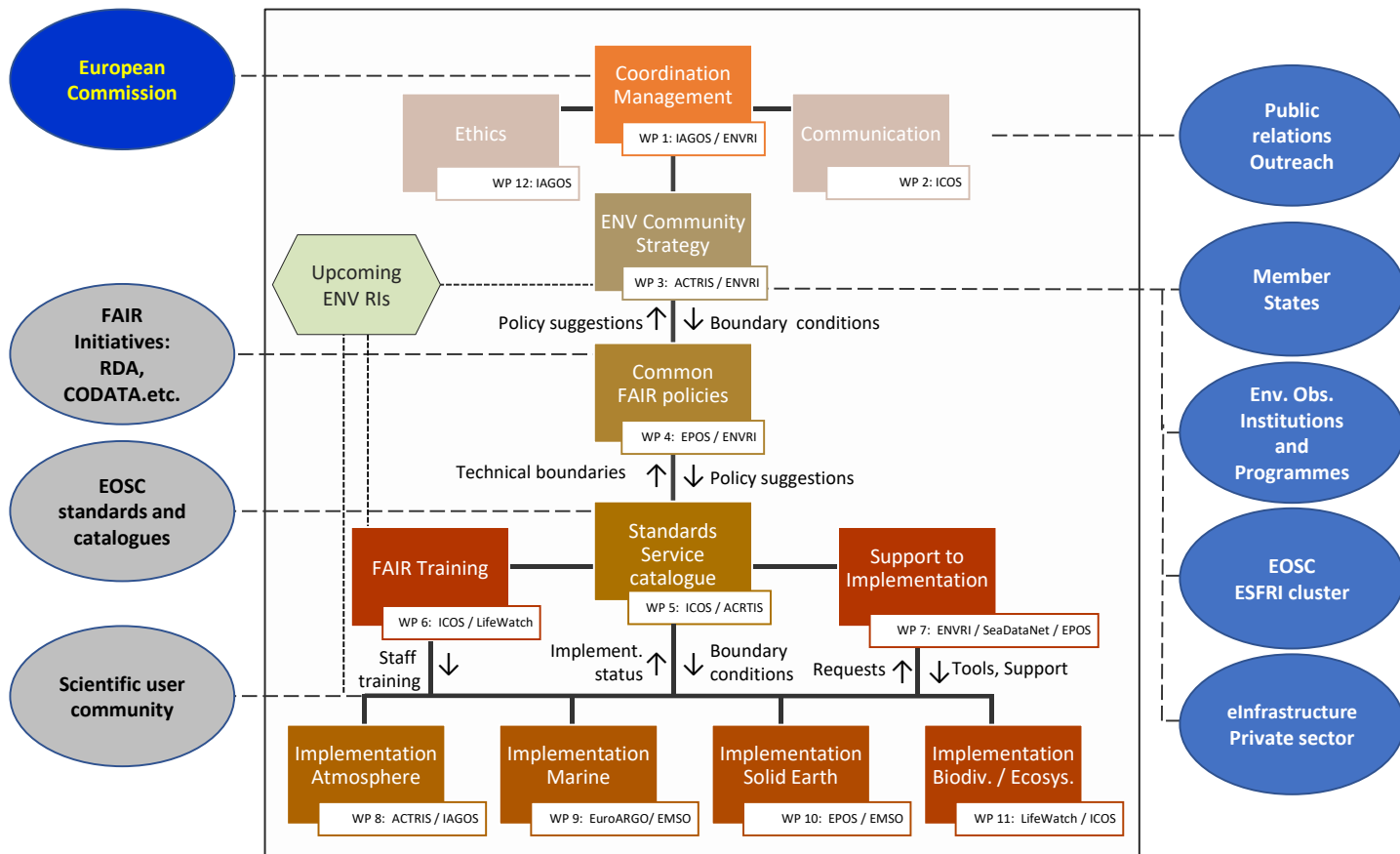
Technical Infrastructures



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The Workflow



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