



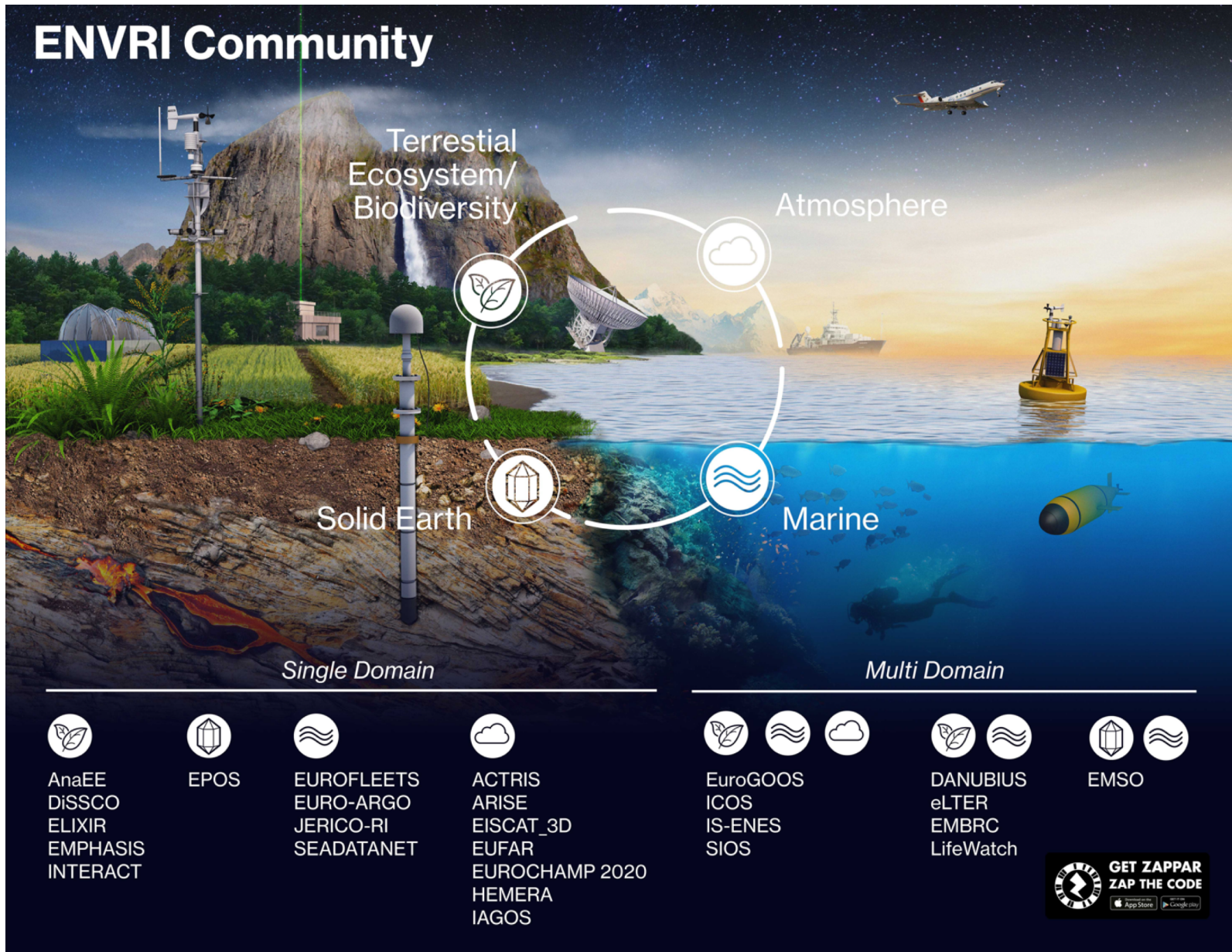
Environmental Research Infrastructures building FAIR services accessible for society, innovation and research

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ENVRI Community



Environmental research

Non-repeatable observations

Complex multidisciplinary data

Many facilities and disciplines, with their own research cultures and methods

Global challenges, but local observations

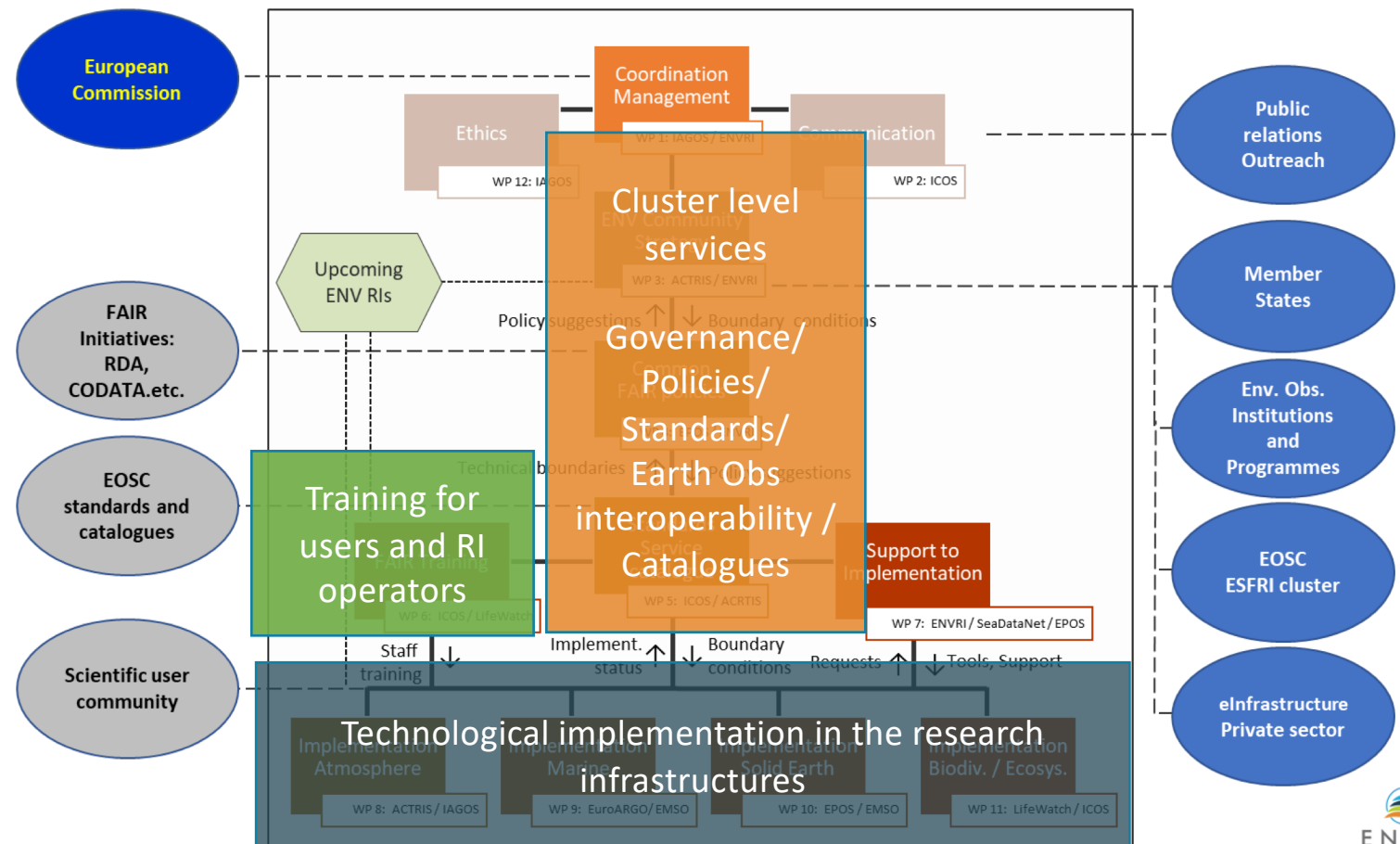


ENVRI-FAIR – The Project

Define what FAIR means for service provision of ENVRI RIs

Determine the technical and policy requirements

Implement these in the RI operations and open these services for EOSC





ENVRI-FAIR – Aspects



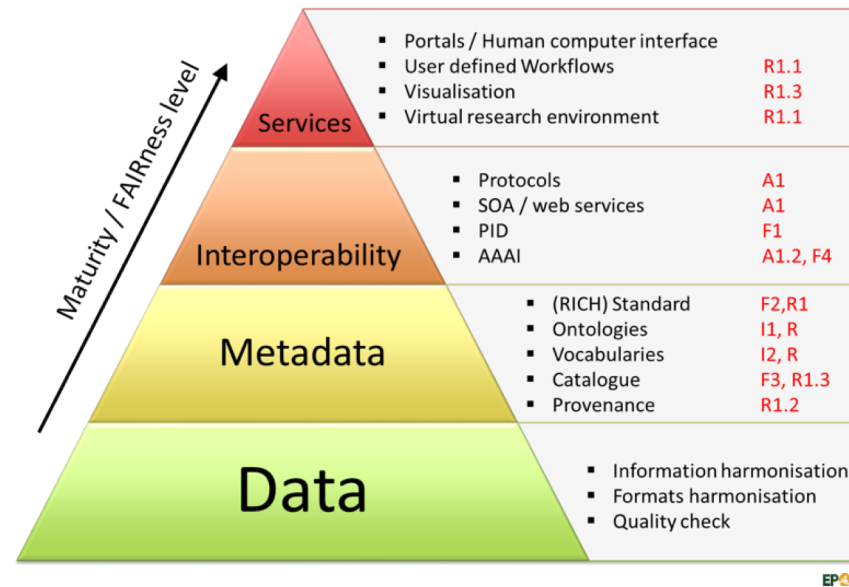
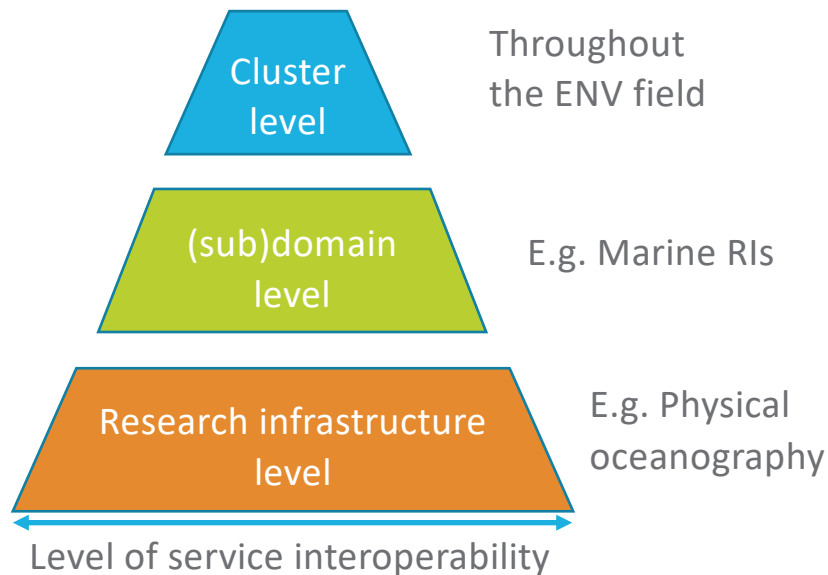
Implementation
by the research
infrastructures
themselves



Harmonizing service
policies
(licences, access, versions,
authors, etc.)



Use of external
services when
needed but
transferrable and
provider-agnostic

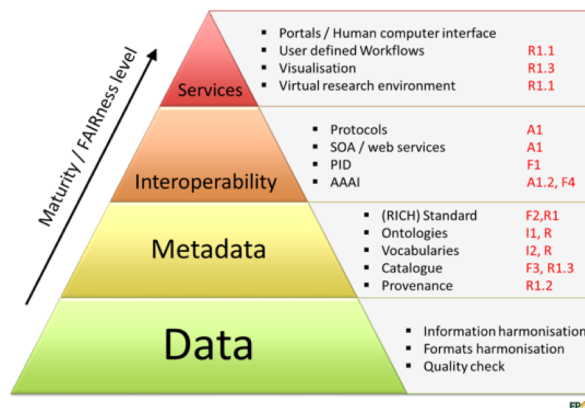




ENVRI FAIR, RDA and EOSC



ENVRI needs to provide for
global research and policy
community



We also need to create

- **Interoperability** level
 - **Metadata** level
 - **Data** level
- services and policies

Crucial for global approach
Joint development of outputs
Use of existing outputs

Definitions of FAIR aspects
Policy harmonization
Co-development of interoperability

Governance and sustainability
Key low level services PAAS, SAAS
Platform for discoverability



Etc..

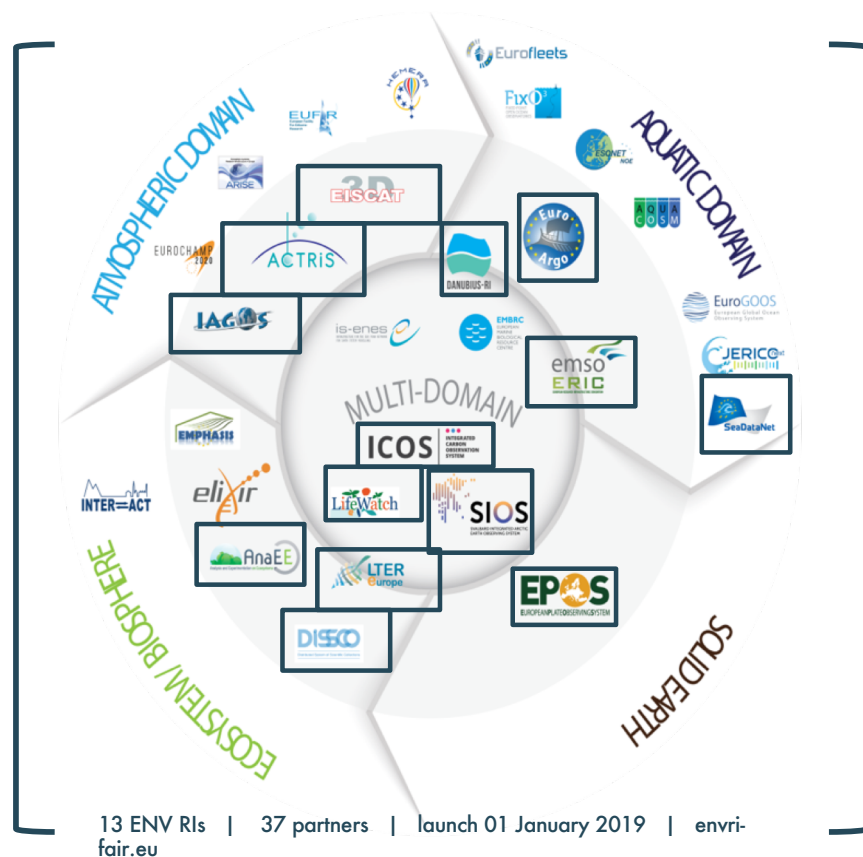


**EUROPEAN OPEN
SCIENCE CLOUD**





Europe's Environmental Research Infrastructures ENVRI



ENVRI FAIR does not include all ENVRI RIs

- Thus the interoperability is actually developed between the “more mature” RIs
- The governance includes the board of all ENVRI RI directors as advisory role

The governance of the cluster is now being developed towards a (semi) **permanent consortium** or a legal entity

- However, all real changes of RIs must be **accepted by their member states**



Training needs in ENVRI (partly covered in ENVRI FAIR)

- **«General FAIR»**
 - *Ok knowledge on FAIR and RDM*
 - evaluation criteria,
 - **self-assessment of FAIR**,
 - GDPR aspects
 - writing technical documentation of services
- **«RDM for FAIR»**
 - *only few RIs «experts»*
 - **cloud computing**
 - workflow engines,
 - provenance capture & traceability
 - Licenses
 - policies for data

ENVRI FAIR connects
the main European
Environmental research
infrastructures

It will define the FAIR
criteria (tech. and
policy) for their service
provision and
implement the changes



Hierarchical approach
to interoperability

RDA and EOSC services
crucial for success

Cluster governance
developing to more
permanent structure



envri.eu/envri-fair



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