What the EOSC Science Cluster Funding changed for ENVRI

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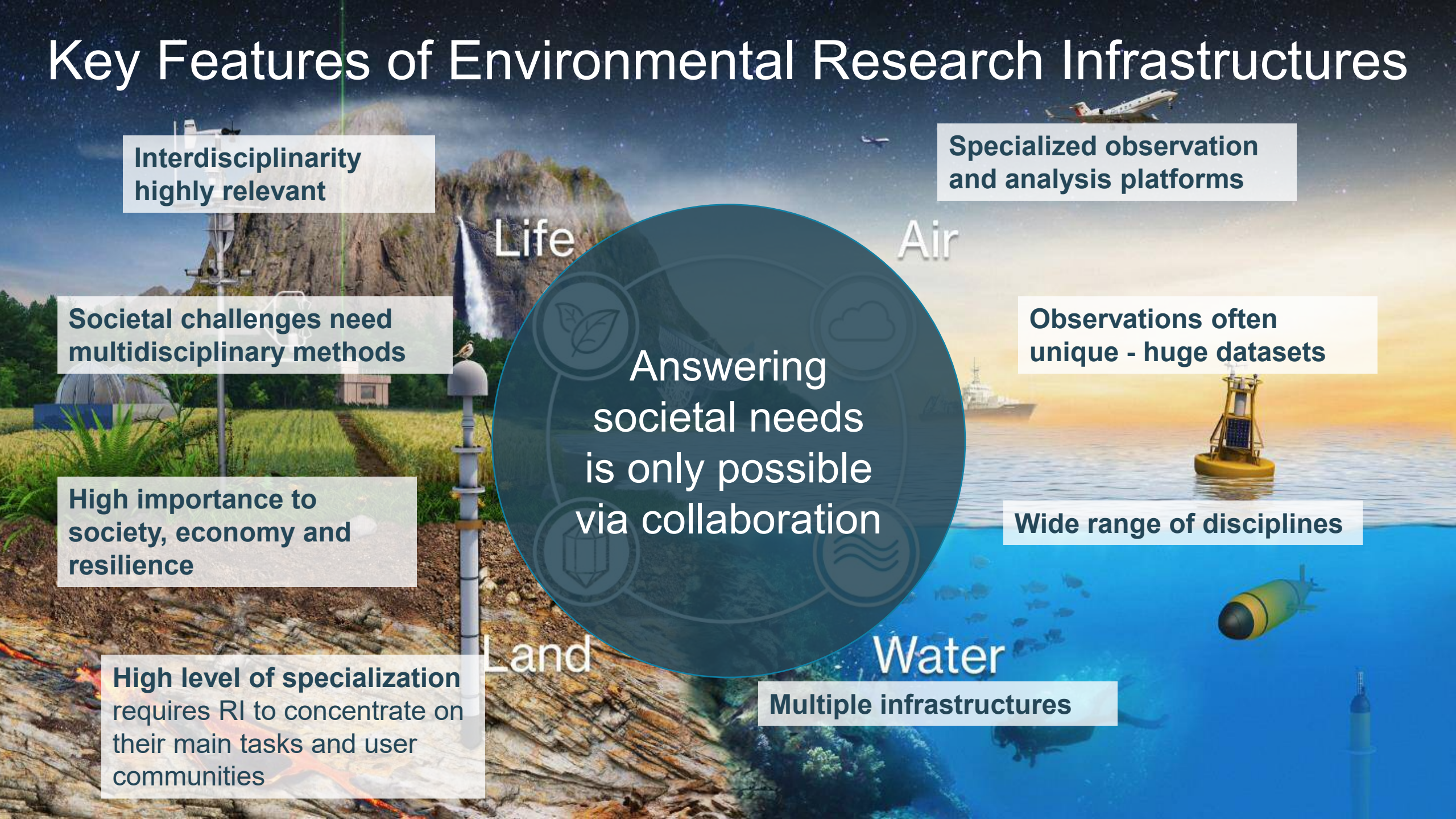
Key Features of Environmental Research Infrastructures



Interdisciplinarity highly relevant

Specialized observation and analysis platforms

Societal challenges need multidisciplinary methods

Observations often unique - huge datasets

High importance to society, economy and resilience

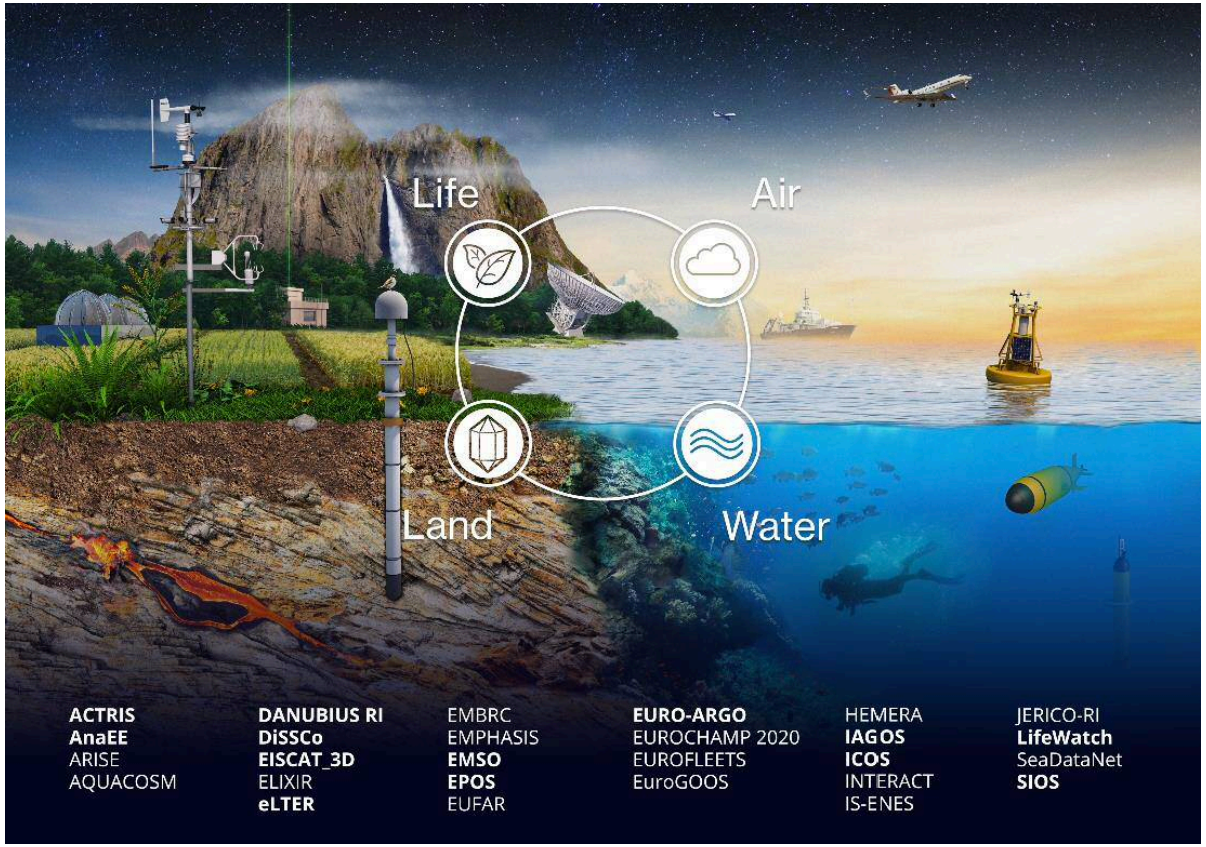
Wide range of disciplines

High level of specialization requires RI to concentrate on their main tasks and user communities

Multiple infrastructures

Who We Are

ESFRI Cluster of Environmental Research Infrastructures



Environmental Research Infrastructures

- provide data and research products from all four sub-domains of the Earth system
- data are crucial European contributions to global-scale monitoring of the state of the Earth
- data are vital for assessing past and defining future policies, and for the development of environment-friendly innovations
- provide research data and services at EOSC through the ENVRI-Hub

The ENVRI Landscape in approximate numbers

7 operational RIs
12 data portals
300 asset suppliers
10,000 researchers

5 operational RIs
12 data portals
300 asset suppliers
19,000 researchers

2 operational RIs
10 data portals
250 asset suppliers
10,000 researchers

5 operational RIs
5 data portals
4000 asset suppliers
(institutions@SeaDataNet)
20,000 researchers

ENVRI FAIR

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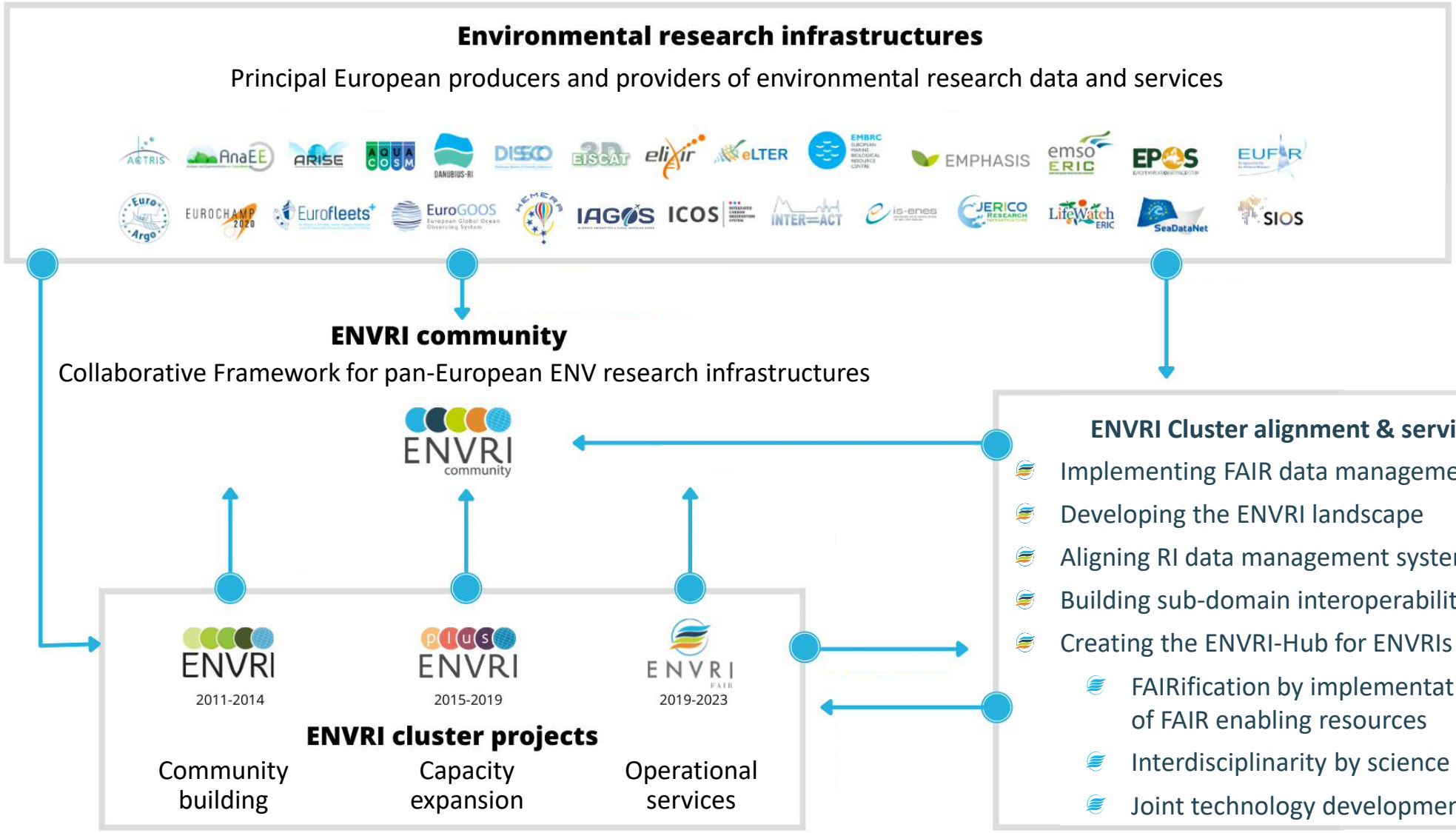
Developing the ENVRI Community



Target Groups for ENVRI Products and Services

Scientific Communities

Research Infrastructures

eosc

Domain-scientists access ENVRI services directly via RI portals or APIs

Cross RI / subdomain access via ENVRI-Hub

RIs share knowledge and training resources across scientific domains and foster evolution of RIs

EOSC users access ENVRI service ecosystem through the platform ENVRI-Hub guided by rich metadata

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FAIR services for research, innovation & society
eosc
Improved FAIRness & ENVRI-Hub
STOP
Implementation process
Implementation plans
COVID 19
Gap & Landscape Analysis / FAIR assessment
The ENVRI Journey to FAIRness is not over yet

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