

ENVRIplus is a Horizon 2020 project bringing together Environmental and Earth System Research Infrastructures, projects and networks together with technical specialist partners to create a more coherent, interdisciplinary and interoperable cluster of Environmental Research Infrastructures across Europe.



ENVRIplus has 37 partners from 13 European countries.  
Find out more about the partners at  
<http://www.envriplus.eu/partners/>

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plus  
ENVRI

**Environmental Research Infrastructures** providing shared solutions for  
**Science and Society**

# What are the Research Infrastructures?

- ‘Research Infrastructures’ refers to facilities, resources and related services used by the scientific community to conduct top-level research in their respective fields.

- Environmental Research Infrastructure facilities were developed to respond to the needs from specific research communities. Internal cooperation within certain domain created diverse research traditions, specific skills and cultures.

- The interlinked nature of the Earth System however requires the scientific communities to transcend the well-established and familiar boundaries of disciplines and domains, and work towards common holistic understanding of the environment as a one Earth system.

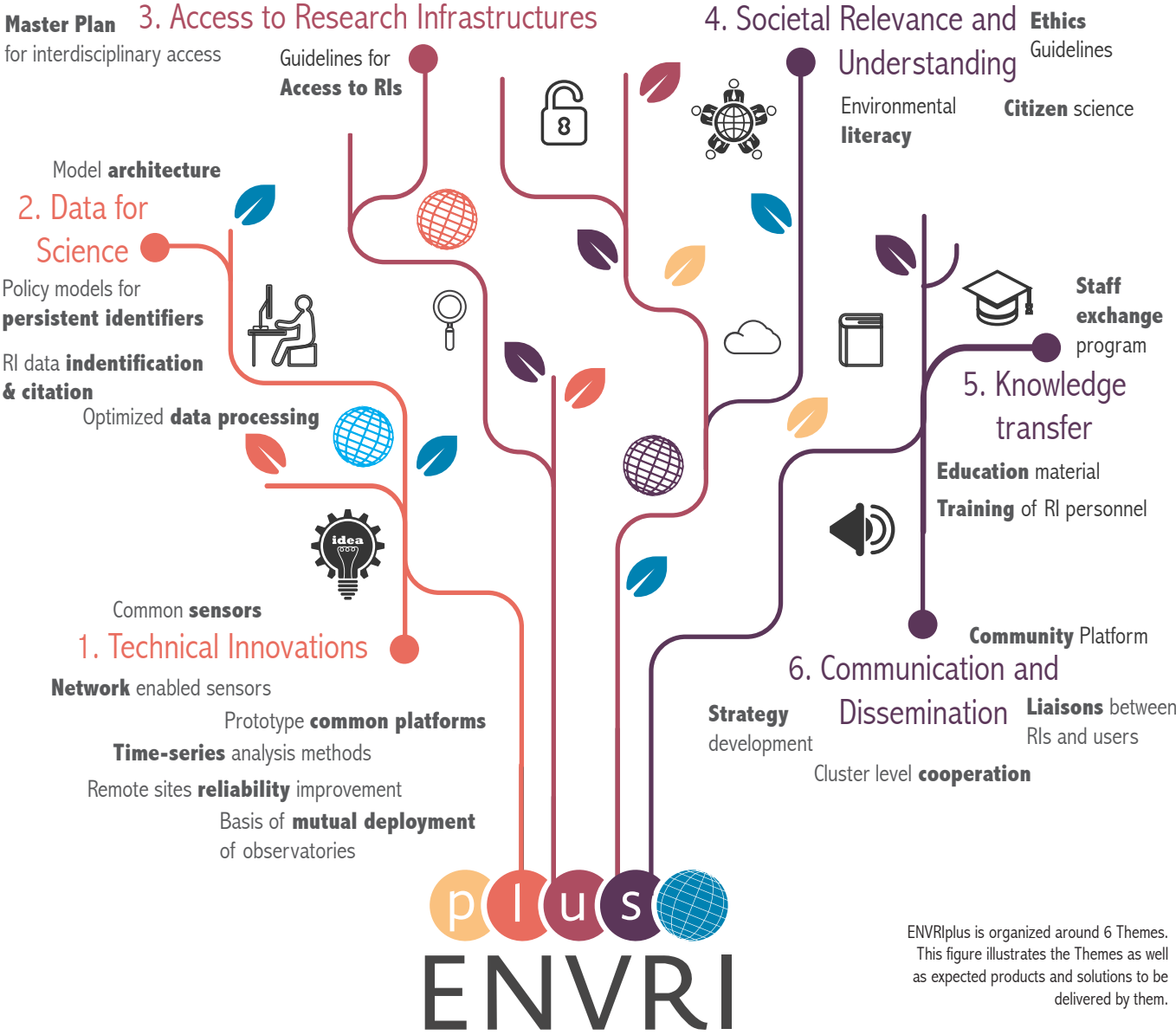


# What is ENVRIplus?

- It is a project gathering Research Infrastructures from all domains of Environmental science (Atmospheric, Marine, Biosphere and Solid Earth) to work together, capitalize the progress made in various disciplines and to strengthen interoperability amongst Research Infrastructures and domains.

- Collaboration within the ENVRIplus will enable multidisciplinary Earth system science, which is so important in order to address today’s global challenges that have no boundaries.

- The cooperation will avoid the fragmentation and duplication of efforts, making the Research Infrastructures’ products and solutions easier to use with each other, improving their innovation potential and cost/benefit ratio of the Research Infrastructure operations.



# ENVRIPLUS

Dates	Partners	Structure
Starting Date: 1.5.2015	37 partners	4 Environmental Domains
Project Duration: 4 years	13 European countries	6 Themes
End of the Project: 30.4.2019	21 Research Infrastructures	19 Work Packages
	Coordination : University of Helsinki (ICOS ERIC will coordinate the project once it is founded)	90 Deliverables
Goals	Products	Domains
Multidisciplinary science	Reference model	Atmospheric Domain
Holistic understanding of the Earth system	Harmonized policies	Marine domain
Innovative concepts	Standardization	Biodiversity/Ecosystem domain
Improved communication	Innovative solutions	Solid Earth
Cross-fertilization among RIs	Flexible services	



## Werner Kutsch, Project Coordinator

Nowadays, society and policy makers urge environmental scientists to provide more information for decision making to meet the Grand Environmental Challenges we are facing. Together with recent developments in observation methods, data processing and storage, and computational analytics this provides extraordinary opportunities as well as high expectations to environmental science.

ENVRIplus is a unique opportunity to provide common solutions and avoid parallel developments and fragmentation. Although scientists often perceive that they are working in a highly competitive environment I strongly believe in the benefits of trustful cooperation. It's the best

way to use the resources efficiently and meet the responsibilities we are facing.

The six Themes in ENVRIplus have been carefully selected to support innovation in all its facets. They will provide developments in sensor technologies and Big Data life cycles but also target socio-ecological innovation and new ways to communicate environmental science to societies. By uniting 20 Research Infrastructures and advanced communities, ENVRIplus will also have a strong voice of the scientific community to the European Strategic Forum for Research Infrastructures. It's a great pleasure and honour for me to cooperate with an enthusiastic community.



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