

ACCESS TO RESEARCH INFRASTRUCTURES: ENVRI_PLUS WORK TOWARD COMMON GUIDELINES

A PRESENTATION OF ENVRI_PLUS WP 10 AND WP 11



Environmental Research
Infrastructures Providing Shared
Solutions for Science and Society

CONTENT

ENVRI_PLUS OVERVIEW

PROJECT THEME 3: ACCESS

NEW CONCEPTS / ACCESS ACROSS DISCIPLINES (WP11)

GOVERNANCE / FLEXIBILITY / SUSTAINABILITY (WP10)

LINK TO NORDIC ENVRI?



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ENVRI_PLUS

Cluster of RIs for the environment

- Project Number: 654182
- Starting date: 1st of May 2015
- Duration in months: 48
- End of the project: 30th of April 2019
- Coordinating institution: Univ. of Helsinki / ICOS ERIC

Call (Topic): INFRADEV-4-2014-2015 –

Implementation and operation of cross-cutting services and solutions for clusters of ESFRI and other relevant research infrastructure initiatives



PROJECT SUMMARY

- 15 M€ budget
- 37 beneficiaries
- 22 Research Infrastructures
- 19 Work Packages organized in 6 Themes
- 90 Deliverables
- 4 Domains (Atmosphere, Biosphere, Marine, Solid Earth)

Overarching **goals**:

- favouring cross-fertilization between infrastructures
- implementing innovative concepts and devices across RIs
- facilitating research and innovation in the field of environment to an increasing number of users outside the RIs



PARTICIPATING RESEARCH INFRASTRUCTURES



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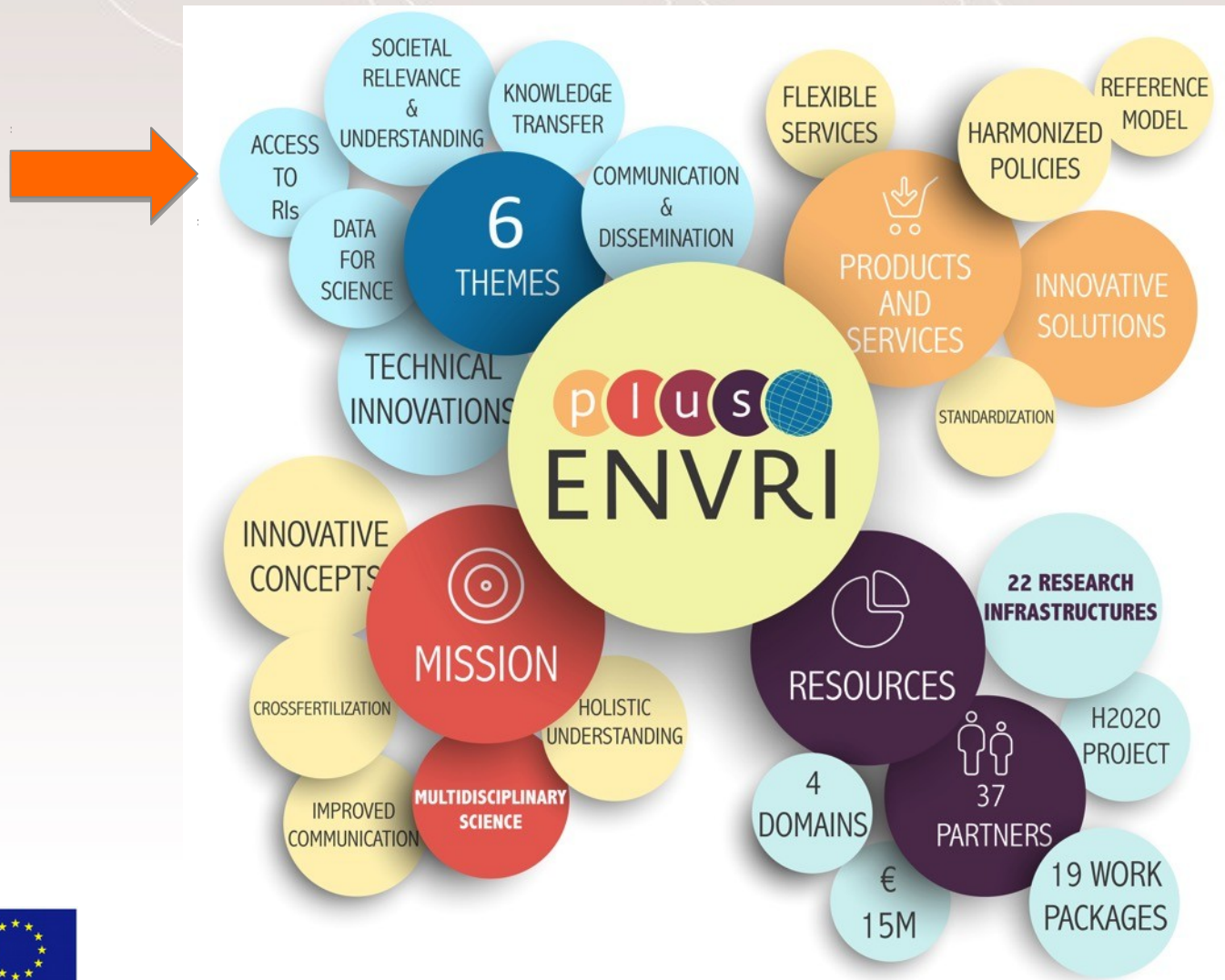
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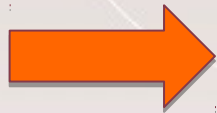
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PROJECT OVERVIEW



THEMES & WORK PACKAGES



3. Access to Research Infrastructures

WP 10 - Governance for sustainable and adjustable access to RIs
WP 11 - New Concepts and Tools for Physical Access

4. Societal Relevance and Understanding

WP12 - A Framework for Environmental Literacy
WP13 - Developing an Ethical Framework for Research Infrastructures
WP14 - Citizen Observatories and Participative Science

2. Data for Science

WP 5 - Reference model guided Research Infrastructure design
WP 6 - Inter - Research Infrastructure data identification and citation services
WP 7 - Data processing and analysis
WP 8 - Data curation and cataloguing
WP 9 - Service validation and deployment

1. Technical Innovations

WP 1 - New sensor technologies: innovation and services
WP 2 - Metrology, quality and harmonization
WP 3 - Improving measurement networks: common technological solutions
WP 4 - Joint operations across the Research Infrastructure domains

5. Knowledge transfer

WP15 - Training, e-Learning and courses
WP16 - Staff Exchange

6. Communication and Dissemination

WP17 - Coordination of Research Infrastructure communication, development and implementation of the ENVRI Strategy
WP18 - Dissemination, Liaison and Collaboration

plus
ENVRI



ACCESS THEME

Main Objective: Develop harmonized policies for access (physical and virtual) to environmental RIs, including access services for multidisciplinary users

WP 10: Governance for sustainable and adjustable access to RIs

WP11: New Concepts and Tools for Physical Access



ACCESS THEME

WP 10: Governance for sustainable and adjustable access to RIs

1. Develop Guidelines on access to RIs
2. Develop Master plan to facilitate and encourage access
3. Develop RI strategy for flexibility and sustainability

WP11: New Concepts and Tools for Physical Access

4. Assessment of physical access via test cases
5. Explore conditions for access to RIs across disciplines
6. Assess use of governance tools to promote interdisciplinary research



ACCESS THEME

main participants come
from different domains and
e-infrastructure projects

Abad Chabbi (INRA_ANAEE), *Task Leader*
Anders Tjulin (EISCAT)
Ari Asmi (ENVRI_plus)
Cecile Lietard (IFREMER)
Florian Haslinger (ETHZ_EPOS)
Gelsomina Pappalardo (ACTRIS, CNR), *Task Leader*
Ingrid Mann (EISCAT), *Theme Leader*
Jon Børre Ørbæk (RCN_SIOS)
Karine Sellegri (CNRS, ACTRIS), *Task Leader*
Laura Beranzoli (INGV_EMSO)
Massimo Cocco (INGV_EPOS)
Giuseppe Puglisi (INGV_EPOS)
Sergio Andreozzi (EGI)
Yannik Legre (EGI)
Sabine Philippin (CNRS_ACTRIS), *Task Leader*
Sanna Sovari, (FMI, UHEL)
Simone Gagliardi (ACTRIS, CNR)



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WP 11 New Concepts and Tools for Physical Access

- Task 11.1 - Assess existing paths of physical access
- Task 11.2 - Explore conditions of access
- Task 11.3 - Assess the use of governance tools

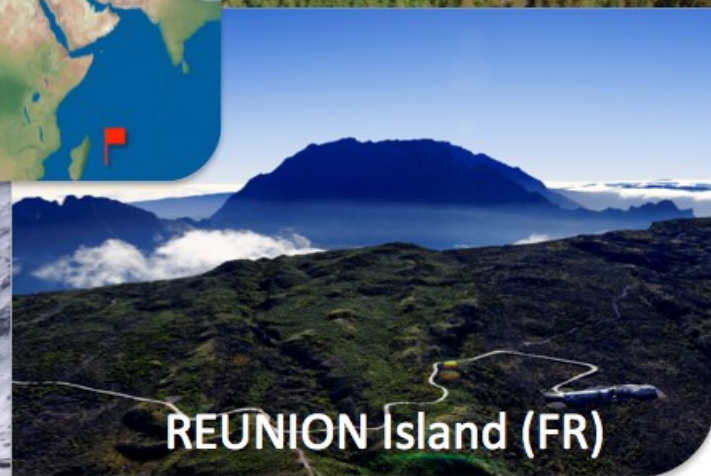
Provide feedback to develop governance tools (WP10)

TNA use cases:

- Based on EC TNA procedure focus on physical access across disciplines
- Developing / implementing procedure of access



WP 11 Sites for TNA test cases



WP 11 Sites for TNA test cases

- **SOERE-ACBB**

- Multidisciplinary set of platforms in three different parts of France
- Biosphere
- ANAEE, ICOS
- Contact point: Abad Chabbi, INRA

- **SMEAR II – HYYTIÄLÄ**

- Boreal forest site in Finland
- Atmosphere, Biosphere
- ICOS, ACTRIS, ANAEE, eLTER
- Contact point: Tuukka Petäjä, UHEL

- **ETNA INGV**

- Multi-disciplinary observatory at Mount Etna in Italy
- Atmosphere, Solid Earth
- EPOS
- Contact point: Guiseppe Puglisi, INGV

- **OSUR**

- Multi-disciplinary platform on La Reunion, French overseas department
- Atmosphere, Biosphere, Marine, Solid Earth
- ACTRIS
- Contact point: Jean-Pierre Cammas, OSUR-OPAR



WP 11 Sites for TNA test cases

- First open topic call for multi-disciplinary access
- Publication date: January 18, 2016
- Proposal deadline: March 18, 2016
- Access period: June 1, 2016 – August 31, 2017
- <http://www.envriplus.eu/1st-envriplus-call-for-transnational-access-is-open-2/>
- Main requirements: Multi-disciplinary and transnational
- Includes: Administrative and logistical support, use of the infrastructure, technical and scientific support, specific training



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WP 10 – GOVERNANCE CHALLENGES

Identify the risks related to potential commercial use

Address political obstacles to data sharing

Provide guidelines for commercial and industrial use of data

Identify legal and ethical issues

Suggest strategy how to finance and sustain data archives

Outline strategic planning within RIs

Provide list of performance indicators



WP 10 GOVERNANCE ...

develop:
Guidelines
Master Plan
RI Strategy

Type of Access	Expected outcome of activities
Kinds of products	
Access to RI data products	Harmonized data policies in guidelines
Access to time-series data	Common archiving & data management strategy in master plan
Access to publications	Solutions for Green Open Access offered by RIs in guidelines
Access to user-defined products	Solutions for user platforms in guidelines
Mode of access	
Physical Access	Master plan and guidelines
Access to observation modes	Master plan and guidelines
Virtual Access	Common solutions in guidelines
Remote Access	Common solutions in guidelines
Type of usage	
Joint use of sites	Master plan and guidelines
Commercial use & services	Common approach to legal, ethical, operational issues
Access across RIs	Master plan and guidelines
Access for teaching	Master plan and guidelines
Common	
	RI workflow to update and revise master plan and guidelines



WP 10

Work will be based on the outcome of a questionnaire given to the participating Ris

Developed documents will provide recommendations to RIs and will be discussed within the ENVRI_plus project



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ACCESS THEME LINKS TO NORDIC ENVRI?

- Use case sites in the Nordic countries
- Similar issues related to data sharing, IPR, etc
- Overlap of projects
- Interest in participating in questionnaire?



CONTACT

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