OVERVIEW OF THE PROJECT

PRESENTER: WERNER L KUTSCH
INSTITUTION: ICOS ERIC

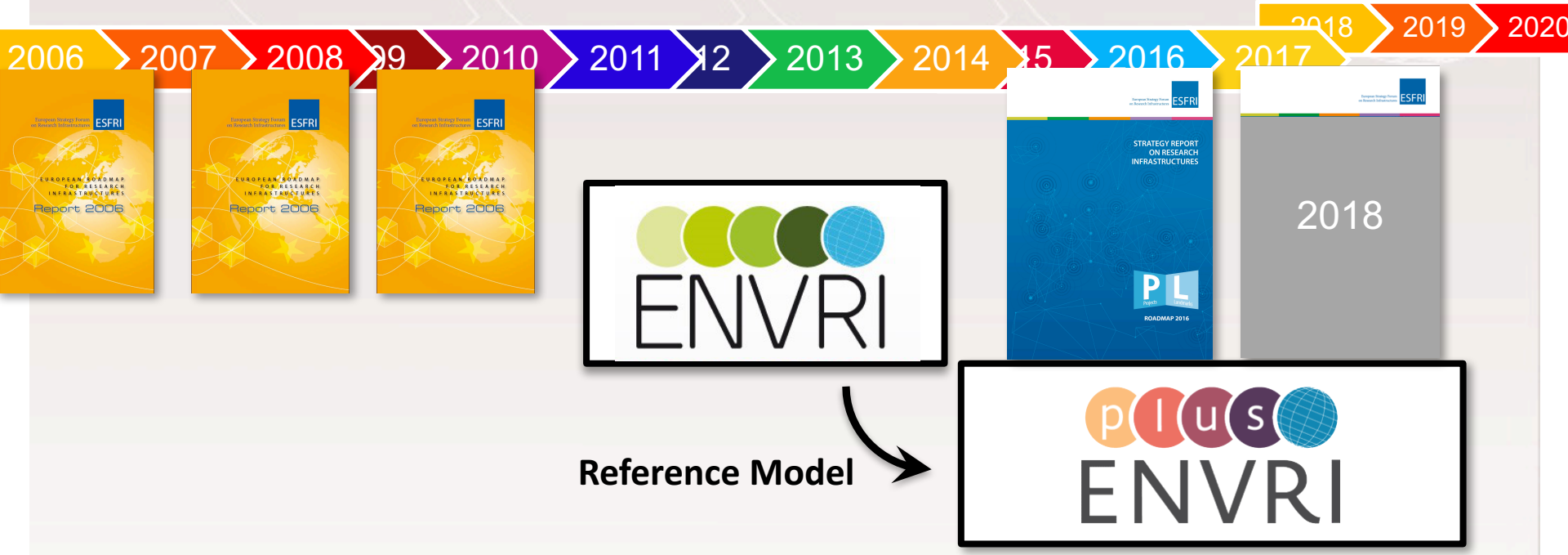
plus ENVRI

Supporting environmental research with integrated solutions
- the Earth is our lab

OVERALL MOTIVATION OF THE PROJECT

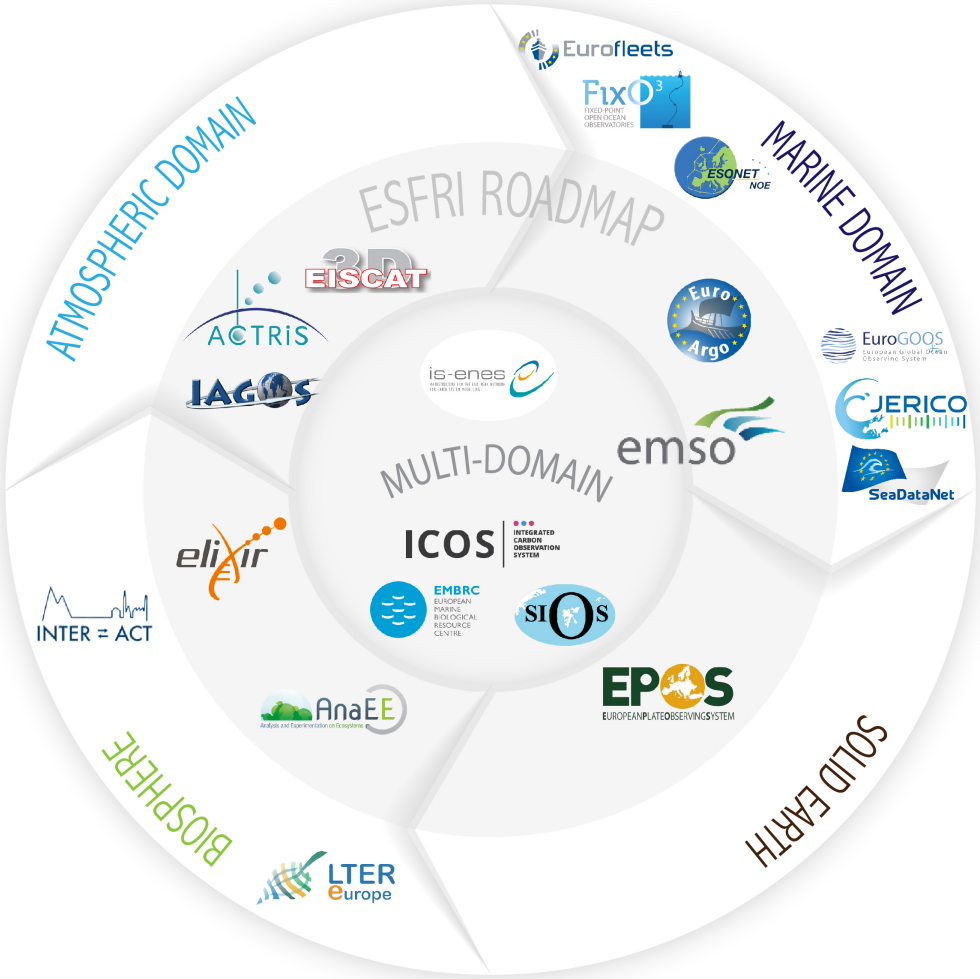
- To provide common solutions to shared challenges.
- To support RI construction and implementation.
- To support inter-operability .
- To coordinate the structure of the scientific community and reduce the fragmentation in the environmental RI landscape.
- To support and coordinate significant opportunities for innovation.
- To further develop the community.

AN INCREASING COMMUNITY



The ENVRI Community
(growing towards a solid structure)

PARTICIPATION CONCEPT



Definition of an Infrastructure

ENVRI RIs are diverse in:

- scientific questions,
- relation to Grand Challenges
- institutional aspects,
- maturity scales,

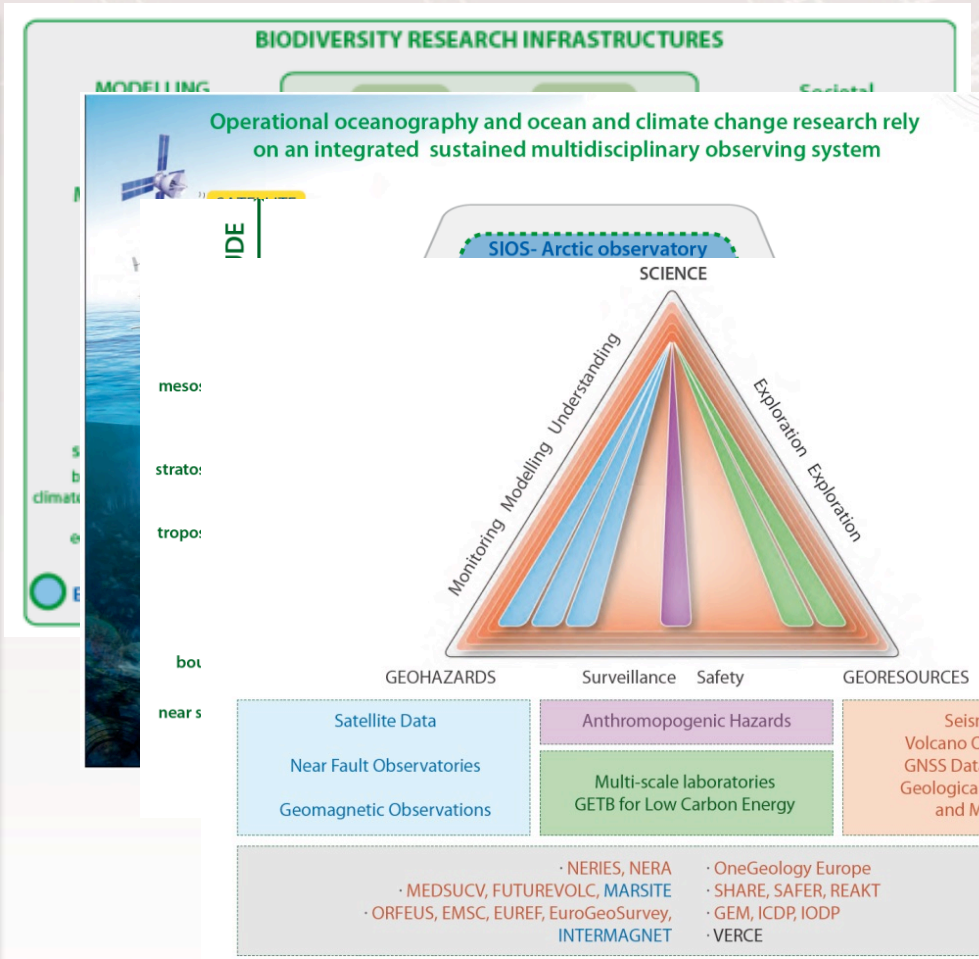
➢ Wide participation concept from ERICs to IA

Domains and cross-domain

- 4 environmental domains
- shared challenges

➢ Mixed approach with domain-wise cooperation and cross-domain Themes

PARTICIPATION CONCEPT
CLOSE TO 2016 ESFRI ROADMAP



PARTICIPATION CONCEPT

e-Infrastructures

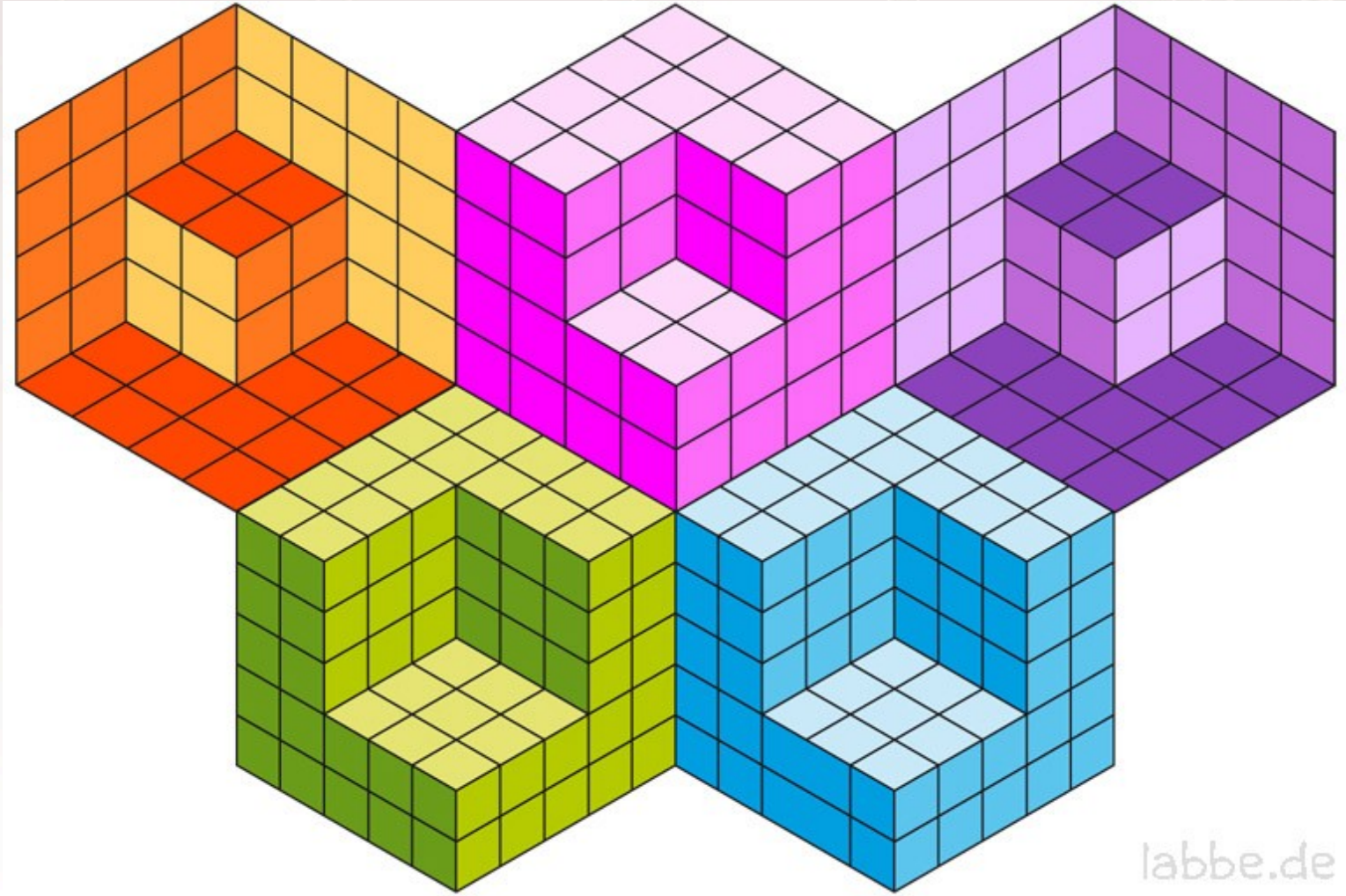
E-Infrastructures are important participants of the cluster

- Experts for data
- Provide services
- ENVRIplus is the place for test cases on internal vs external data infrastructures

ENVRIplus and European Open Science Cloud

- The EOSC Concept was not existing when the ENVRIplus proposal was written
- ENVRIplus has a strong involvement of those e-Infrastructures that are key players in the development of the EOSC
- ENVRplus products are designed to be taken up by the EOSC
- ENVRI community is participating in the EOSCpilot Project to support the development of governance and the role of the Ris there
- In the context of this report we are referring to EUDAT and egi, less to EOSC.

BACKGROUND: THE LANDSCAPE OF RESEARCH INFRASTRUCTURES



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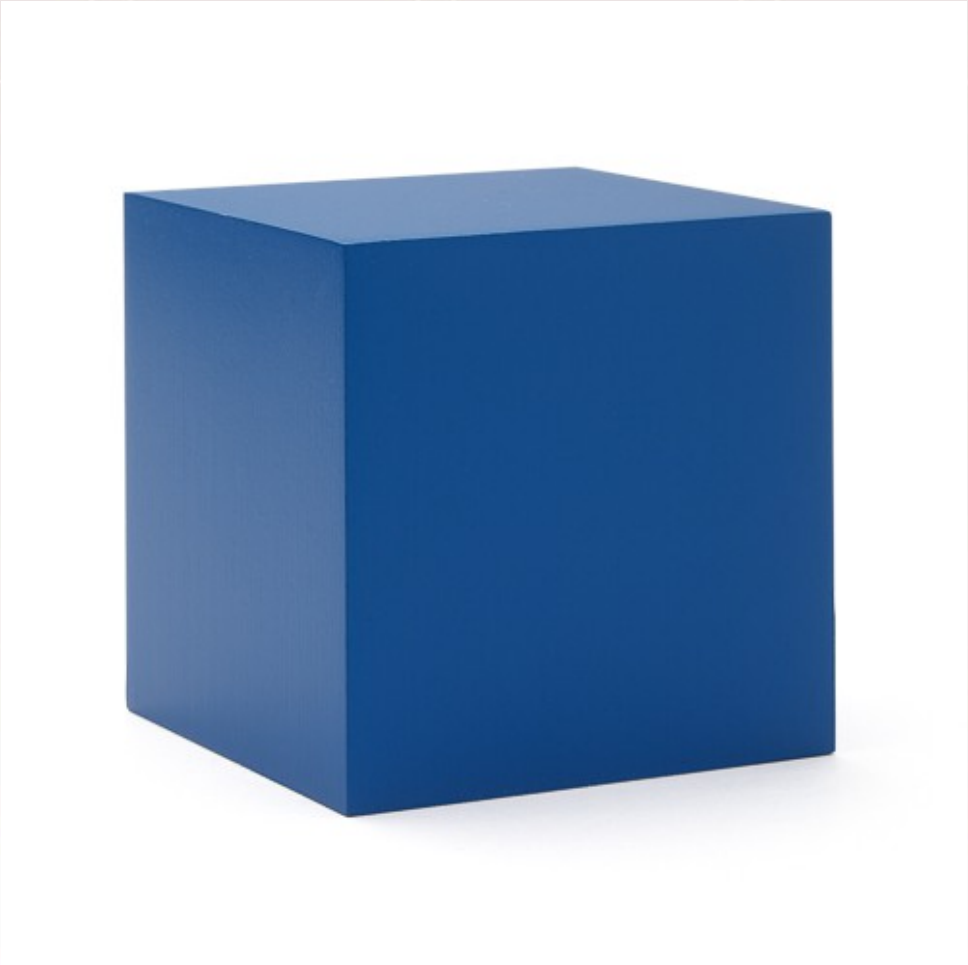

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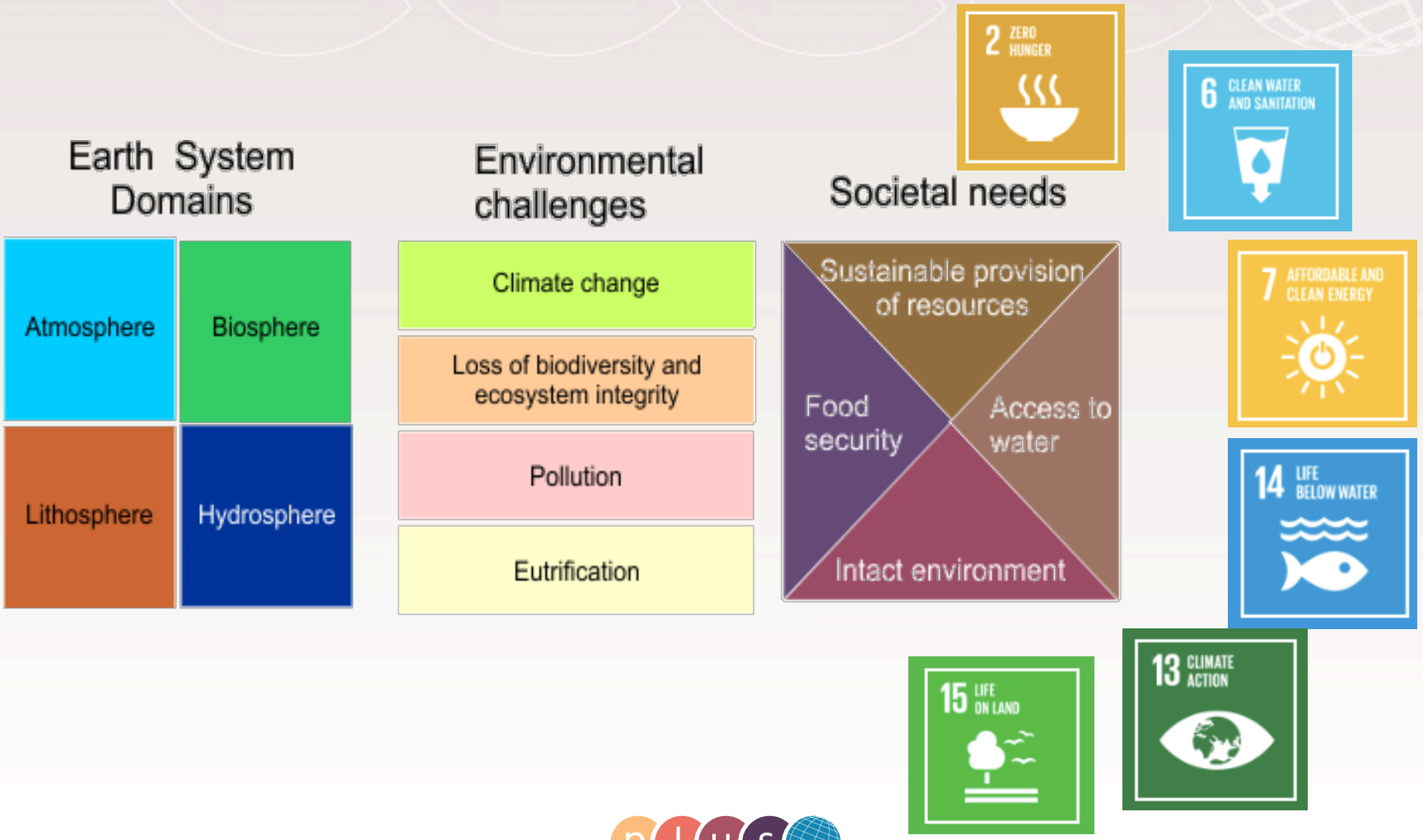


THE SIX THEMES

Theme 1: Technical innovation
- **4 Work Packages, 457 PM**

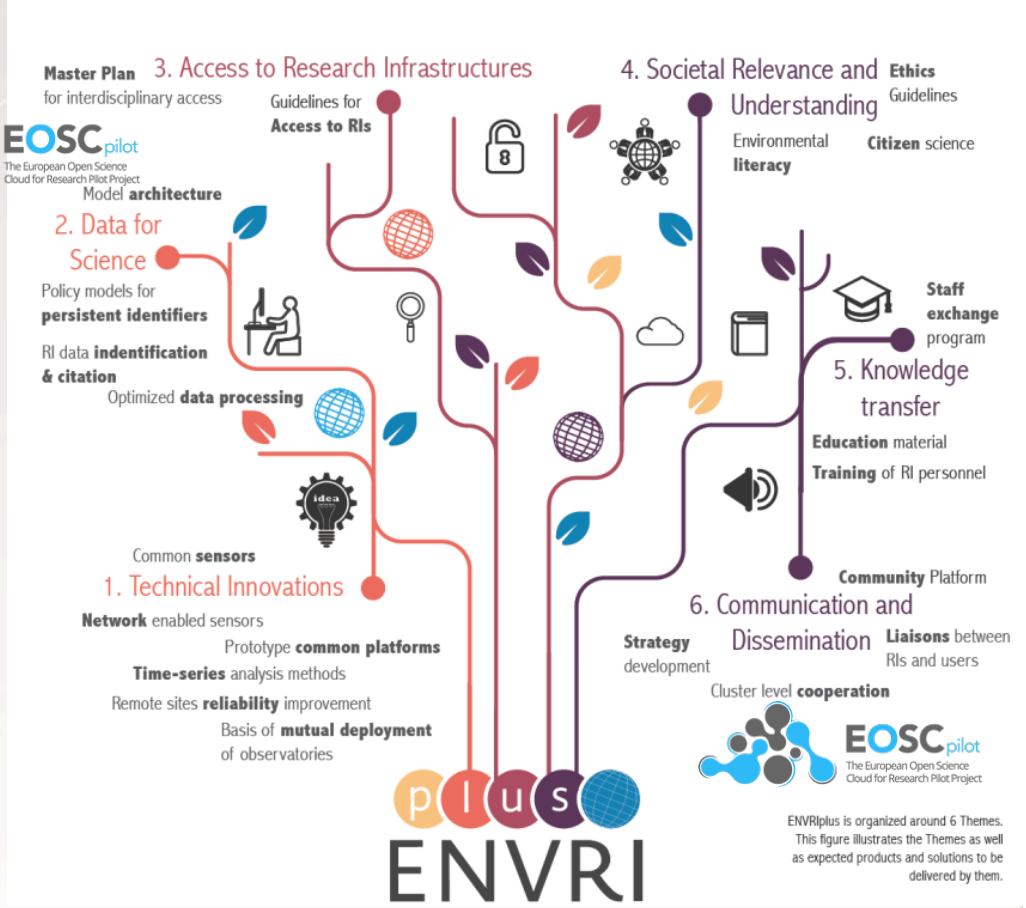
Theme 2: Data for Science
- **5 Work Packages, 620 PM**

Theme 3: Access to Ris
- **2 Work packages, 80 PM**

Theme 4: Societal Relevance and Understanding
- **3 Work packages, 114 PM**

Theme 5: Knowledge transfer
- **2 Work Packages, 74 PM**

Theme 6: Communication and dissemination
- **2 Work Packages, 139 PM**



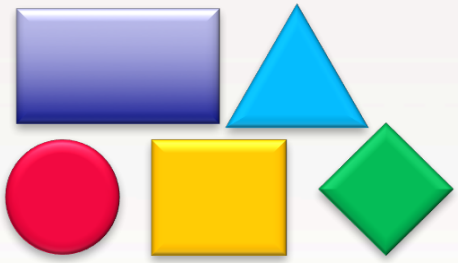
THE BASIC APPROACH: RM BASED KNOWLEDGE BASE

Experts

Reference Model Concept

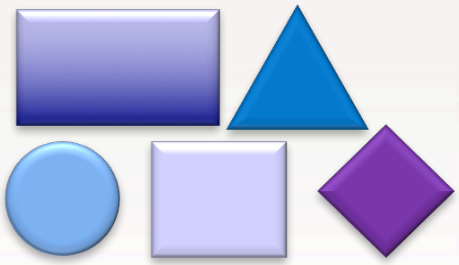
Experience of RI

Implementation

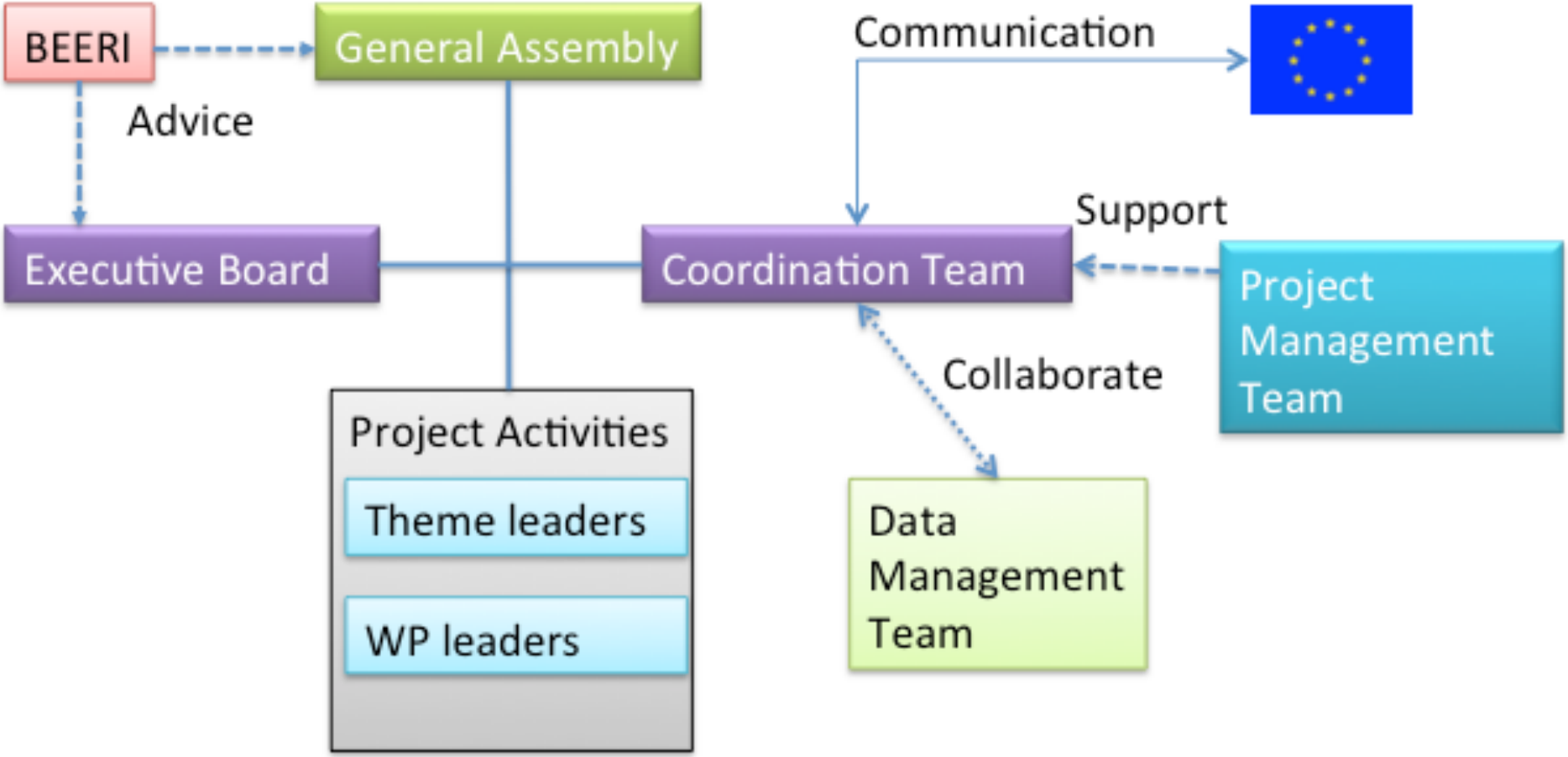


Maturation of Research Infrastructures

Improved inter-operabiliy



PROJECT MANAGEMENT



OPERATION PROCESS

- ENVRIweeks twice a year (May and November)
  - Community meetings at domain, work package or task level
  - BEERI meetings
  - Specific topics adressed at each ENVRIweek
    - Communication of Infrastructures
    - Presentation of ENVRIplus to additional RIs
    - Definition of use cases
    - Cooperation with Industry
    - Cooperation between Copernicus and Research Infrastructures

- Active Collab – online platform for collaboration
- Ongoing communication via virtual meeting platforms

INTRODUCTION TO MID-TERM REVIEW

- **Introduction of the Themes with highlights**
  - Objectives
  - Status report: Deliverables, Milestones, Achievements
  - RI Engangement
  - View forward: risks and actions to minimize
  - Highlights

- **Presentations on Impact and Management**
  - Focus on RI Benefits

- **Final Conclusions and Discussion**

AGENDA OF THE REVIEW WEDNESDAY 17.5.2017

- 13:45 Introduction of participants
- 14:00 Overview of the project (Werner Kutsch, coordinator)
- 14:30 Theme 1 (Technical innovations, WPs 1-4) and related Highlight presentations
- *15:30 (Break)*
- 16:00 Theme 2 (Data for Science, WPs 5-9) and related Highlight presentations
- 17:00 Theme 3 (Access to RIs, WPs 10-11) and related Highlight presentation
- 17:30 Theme 4 (Societal relevance, WPs 12-14) and related Highlight presentation
- 18:00 Ending comments, discussion

AGENDA OF THE REVIEW THURSDAY 18.5.2017

- 9:30 Theme 5 (Knowledge transfer, WPs 15-16) and related Highlight presentations
- 10:00 Theme 6 (Communication & Dissemination, WPs 17-19) and related Highlight presentations
- *10:40 (Break)*
- 11:10 Impact of the project (Paolo Laj, co-coordinator)
- 11:40 Management of the project (Ari Asmi, project director)
- 11:55 Conclusions (Werner Kutsch, coordinator)
- 12:10 Questions / final comments