



PANTERA project - A Pan European Technology Energy Research Approach

**The EIRIE platform: We are here for much more
than just reliable information to support the
energy transition!**

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General information



Type of Action: Coordination and Support Actions (CSA)

Duration: 48 months

Starting date: 1 January 2019

Total Budget: 3.9 Million Euro

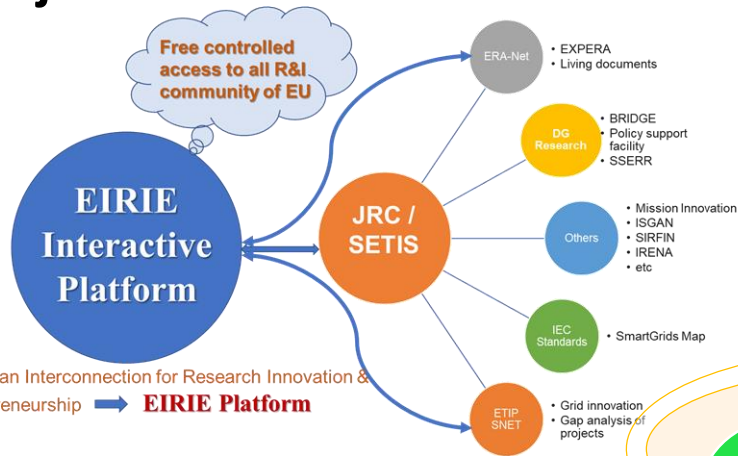
Coordinator:



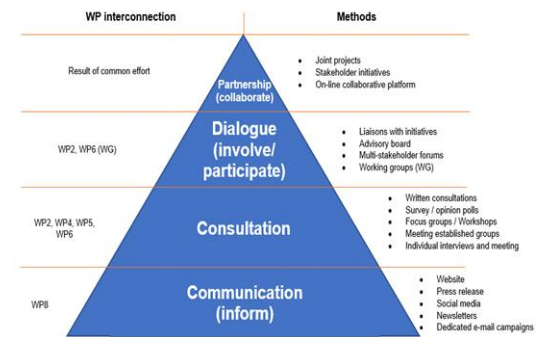
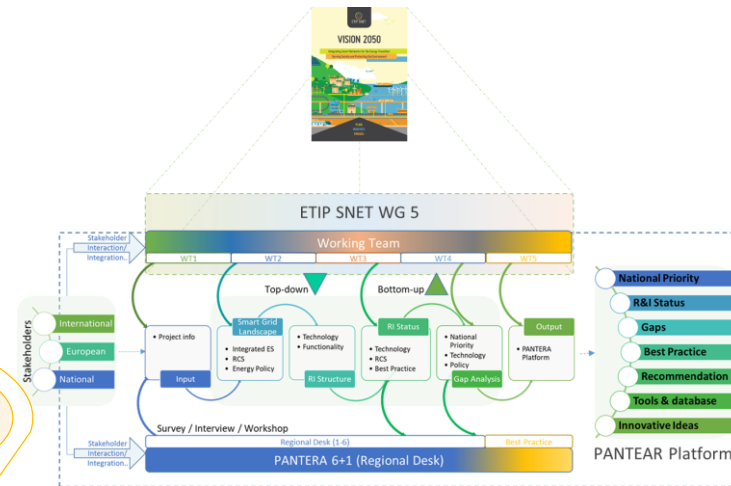
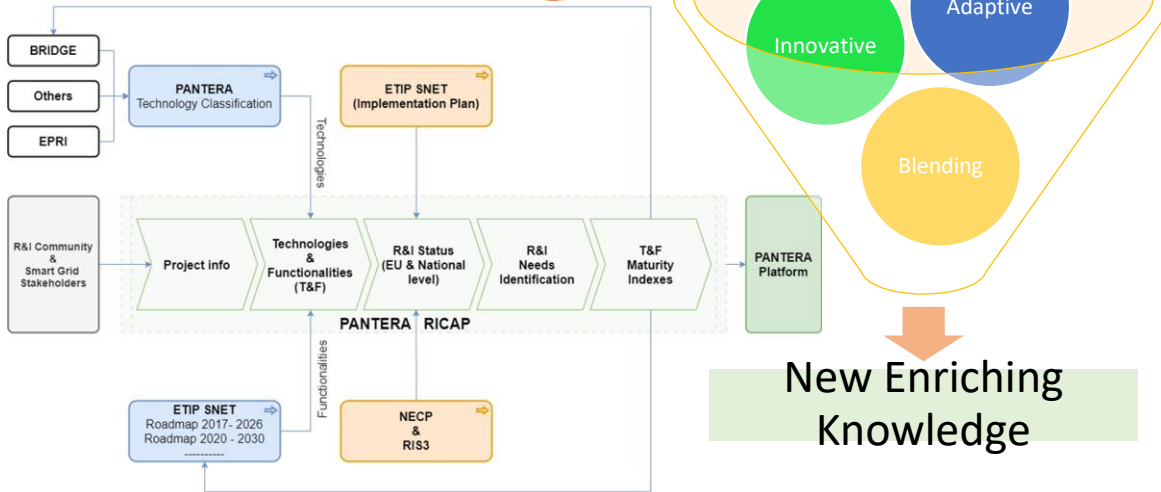
Consortium:



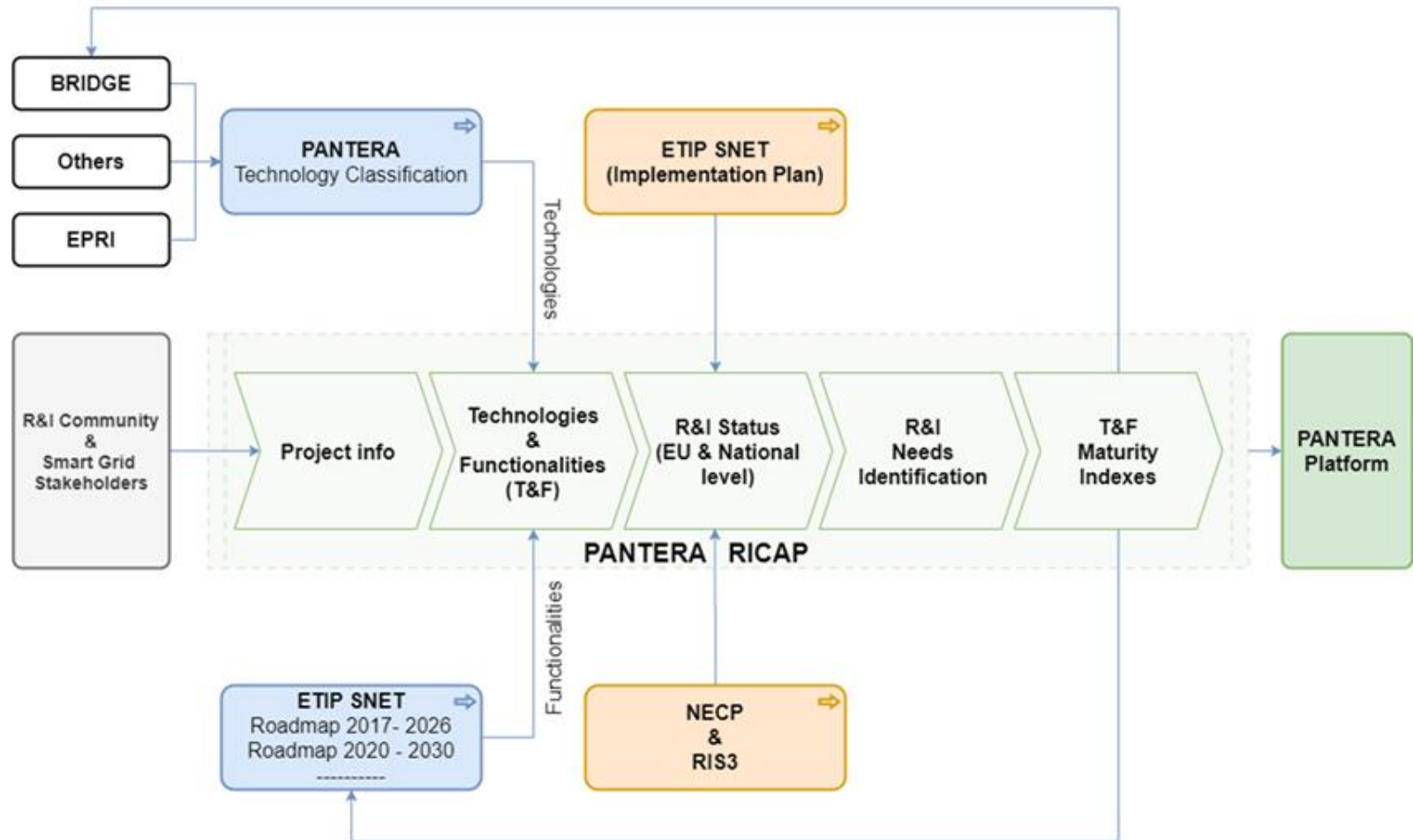
Eye bird view of the PANTERA Process / Objectives



European Interconnection for Research Innovation & Entrepreneurship → **EIRIE Platform**



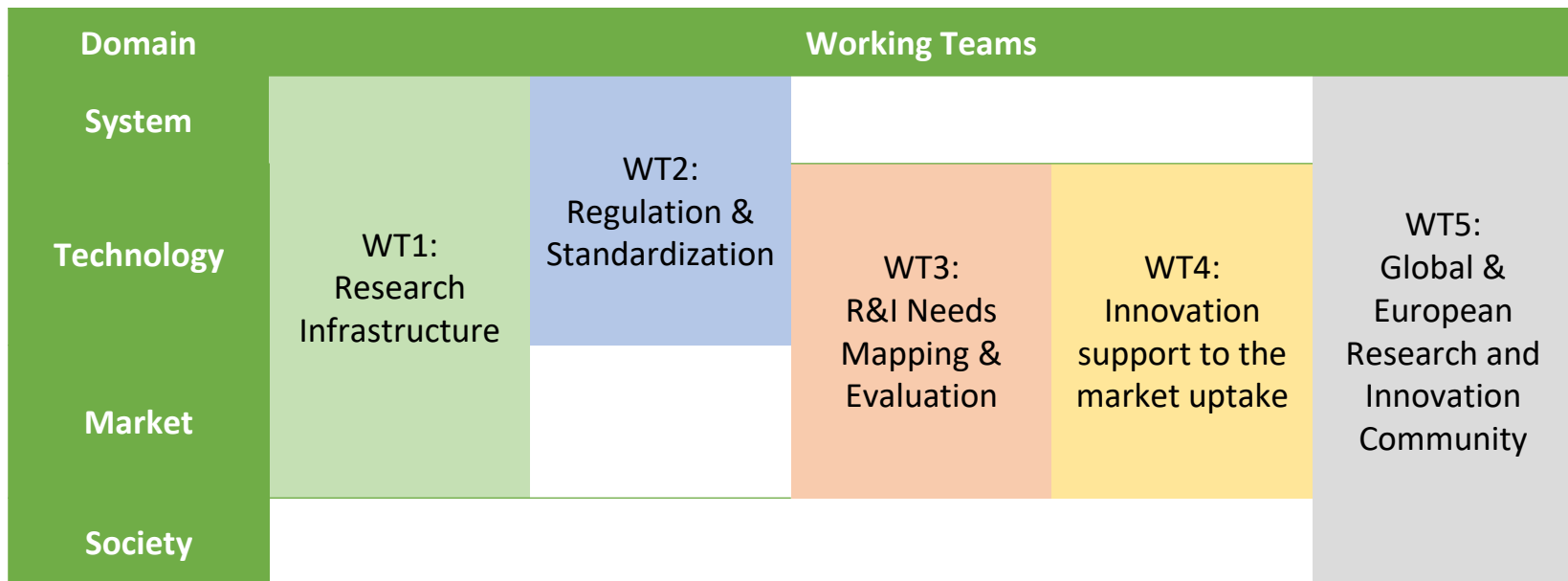
PANTERA RICAP Technical process feeding in EIRIE



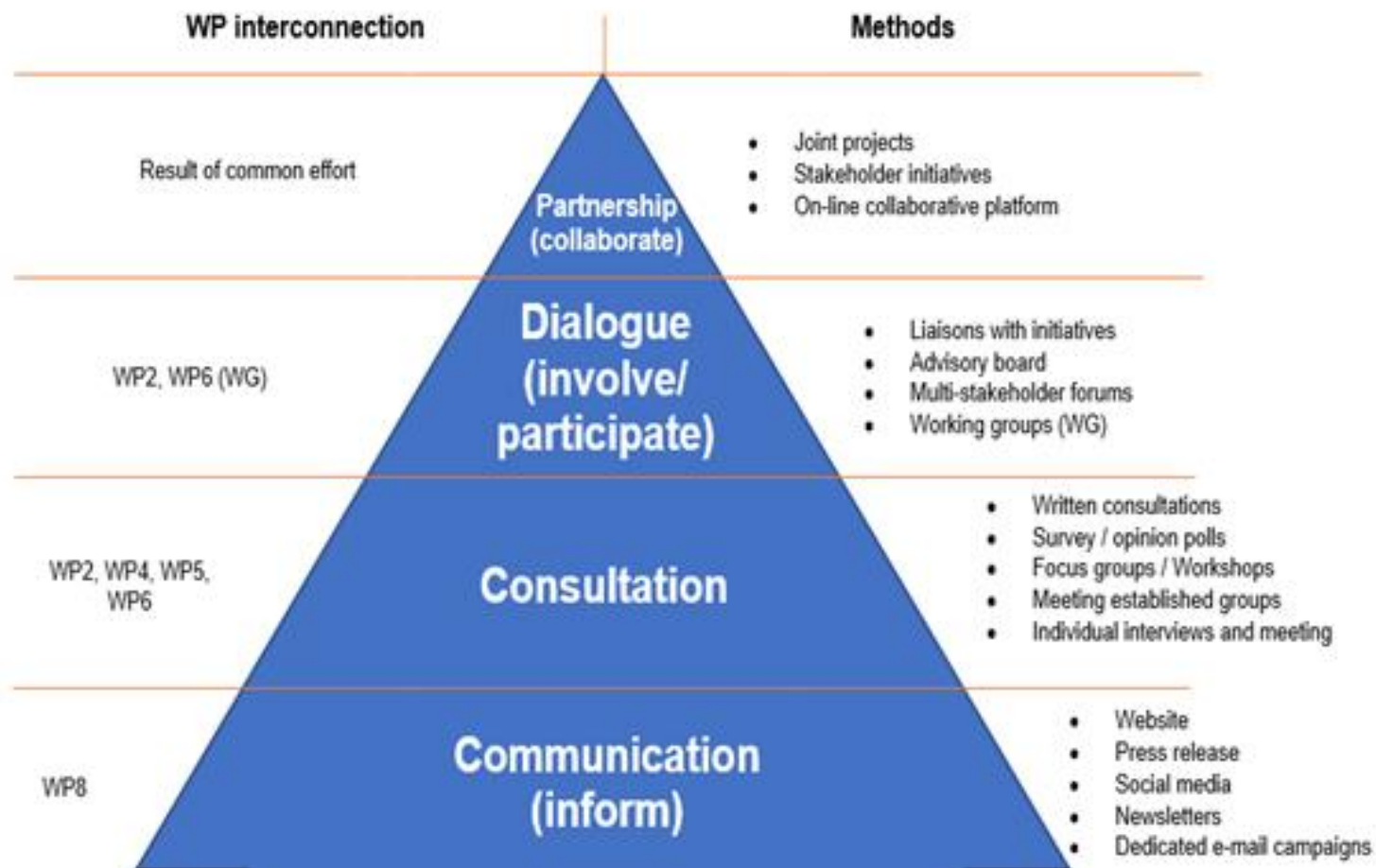
Working Teams in the PANTERA process



In close cooperation with ETIP SNET working teams are currently operating with wider experts that can feed into the PANTERA platform much wanted data, information and knowledge.



Building trustful cooperation with stakeholders



The EIRIE platform

- Filter



- Blend



- New



These three interlinked features

- Synthesize the substance of the EIRIE **platform**
- Dictate the mode of **operation**
- Describe the **relation** with other initiatives
- Prescribe the mode of **working of all members of the Consortium** in the next term, the remaining period of the contract!

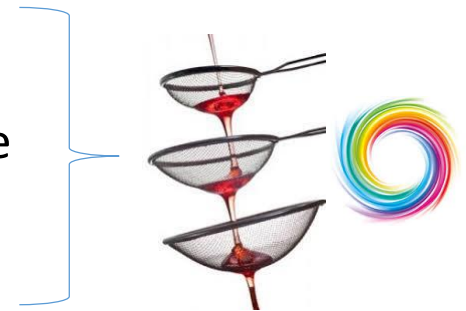
Building the appropriate content[1]



Synergy with **ERIGrid**

- Access the Research Infrastructures of the European labs
- Access the Research and Education Material (e.g. living labs)
- Support the sustainability of the labs' network

Low activity countries R&I community is primarily benefited by the common actions above as they can be granted access to the top labs of Europe



Building the appropriate content[2]



Synergy with **EDDIE & ASSET**

- **Access in the Teaching Material focusing on enhancing future skills of professionals, technicians, trainees etc (all education levels) needed in the smart grid era**
- **Support the sustainability of the EDDIE & ASSET methodology**

Use JRC, EDDIE, ASSET, ERIGrid to enrich online webinars, lectures, touch on testing experience, hardware in the loop testing of their R&I developments

Academia of Low activity countries are primarily benefited by the common actions above as access to the methodology and blueprint of courses- that will lead to their adoption- will give them insight for the future needed skills



Building the appropriate content[3]

Synergy with **ETIPSNET-WG5**

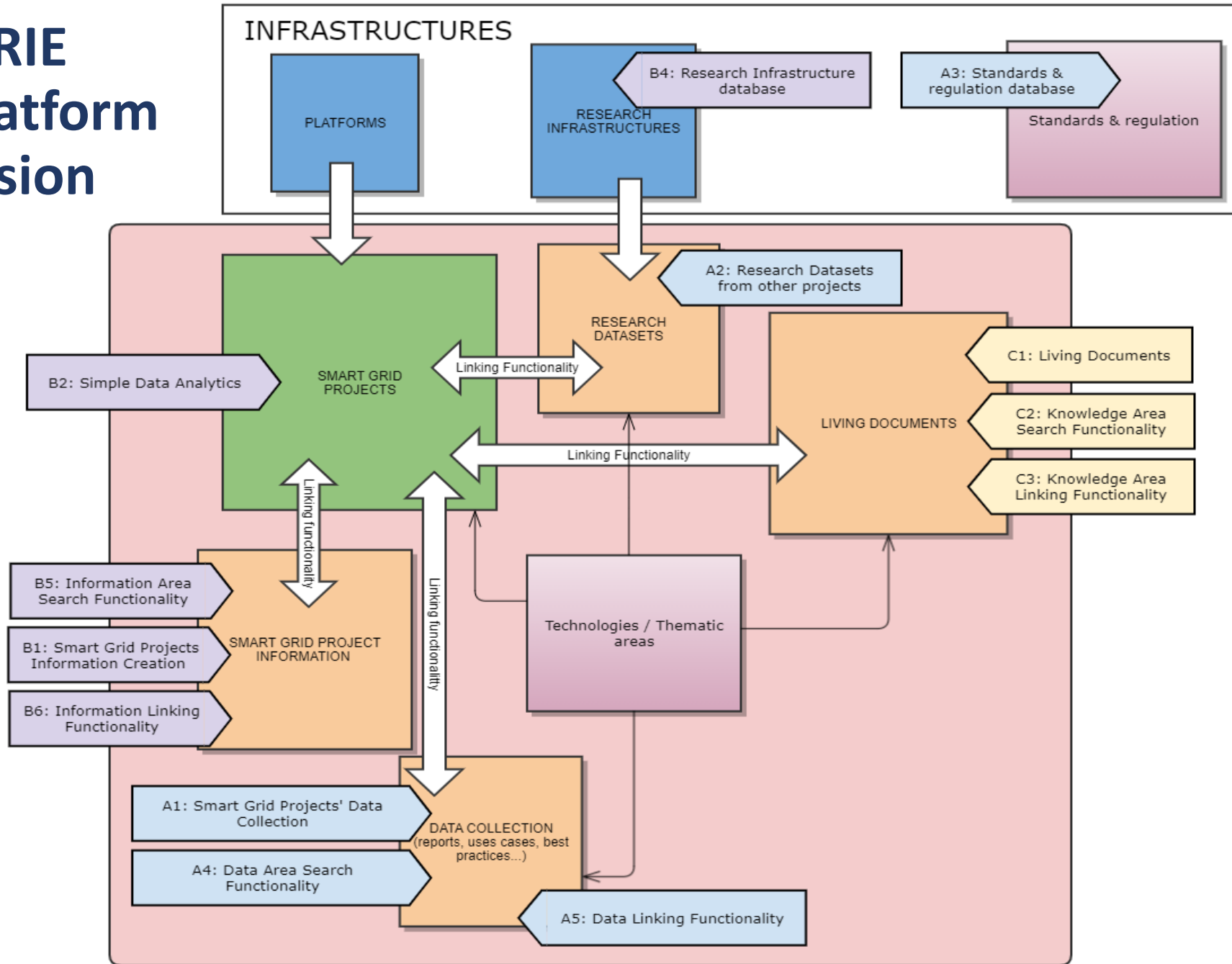
- **Provide the maturity index of technologies and systems of smart grids**
- **Provide the R&I needs of the community**

- Supporting BRIDGE
- The basis of the ETIP SNET 10-year Roadmap support

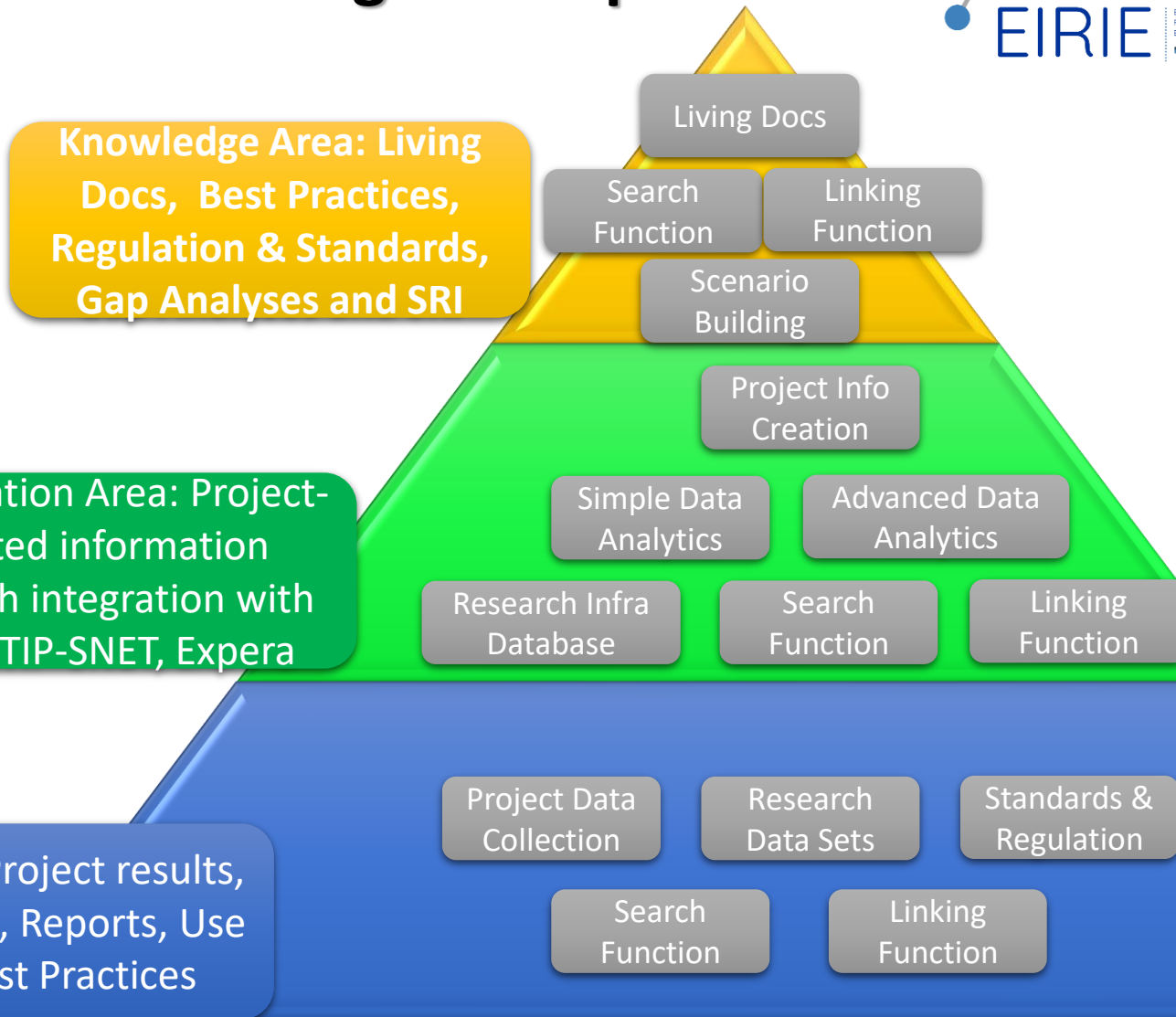


Low activity countries R&I community are benefited as this methodology and index can be focused regionally and offer significant insights for both future research and projects.

EIRIE Platform Vision



PANTERA Platform Data Provisions and Design Principles



REPOSITORY

Search Tool

The EIRIE's repository is a Knowledge Sharing Platform and your source of information for key facts on research and innovation projects on smart grids, contributing to the update of the Strategic Research and Innovation Roadmap and participating to the BRIDGE initiative. It facilitates knowledge-sharing among new, ongoing or completed research and innovation projects at European, national/regional levels and helps bring RD&I results to deployment.

- ALL
- ORGANIZATIONS
- PROJECTS
- DATA COLLECTIONS

Description

- All
 Research Infrastructures
 My organizations
 Status active

SEARCH

FILTERS

- ORGANIZATION TYPE >
- TOPICS >
- COUNTRIES >

Research Infrastructures x

SINTEF ENERGI AS

Last update: 04 June 2017



<https://www.sintef.no/en/>

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PAN European Technology Energy Research Approach

Last update: 04 June 2017



[Web page](#)

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European Liason on Electricity Committed Towards long-term Research Activity Integrated Research Programme

Last update: 04 June 2017



[Web page](#)

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To cover the vision requirements, the EIRE platform contains a layout for the search tool. It is composed of the following components:

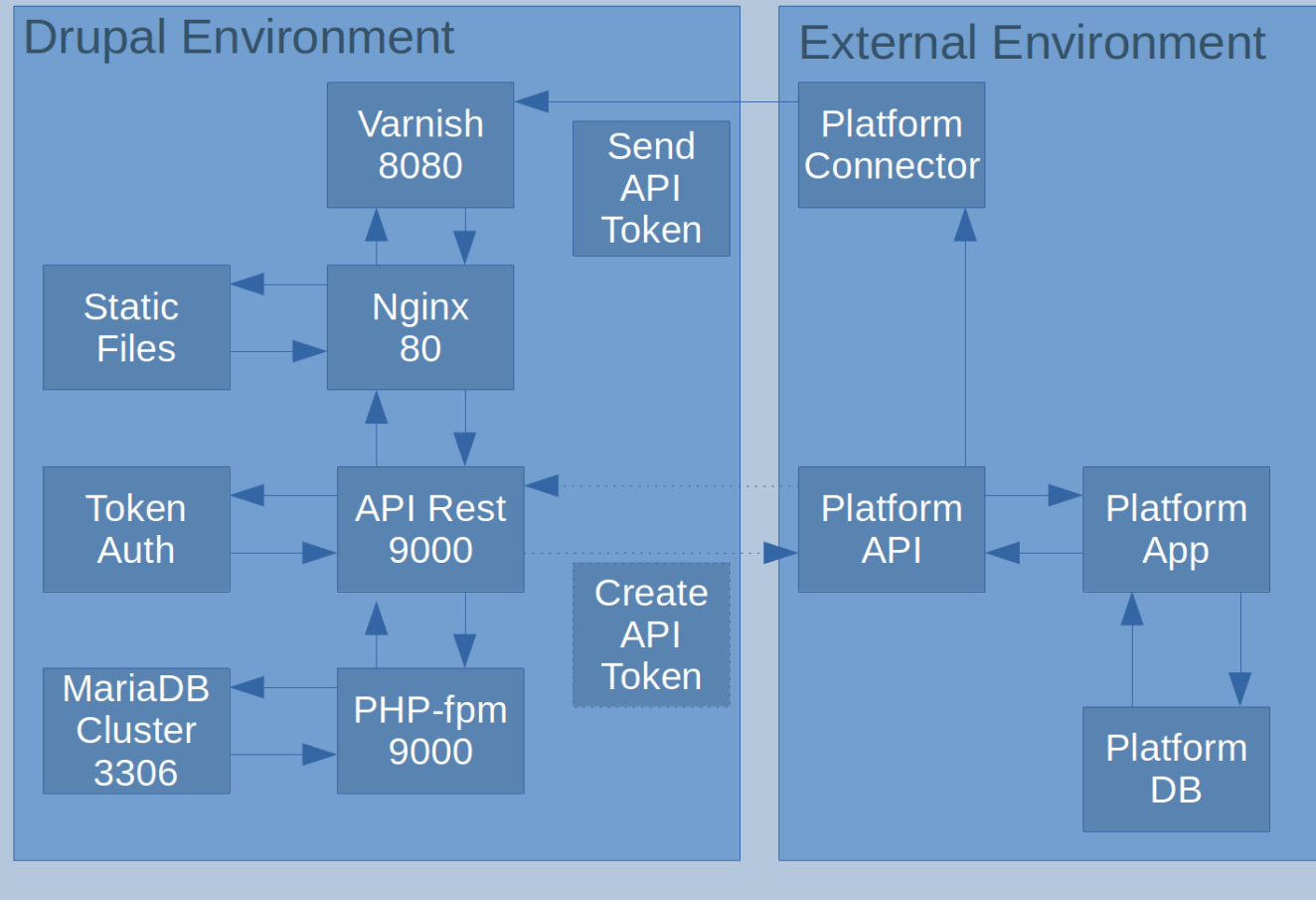
- Area of selection: projects, organizations and data collections
- Quick access to : “research infrastructures” and “standards and regulations”;
- Advanced search forms for each category
- Faceted searches
- Paginated lists

Safely connecting platforms throughout Europe

Restful Web Service API

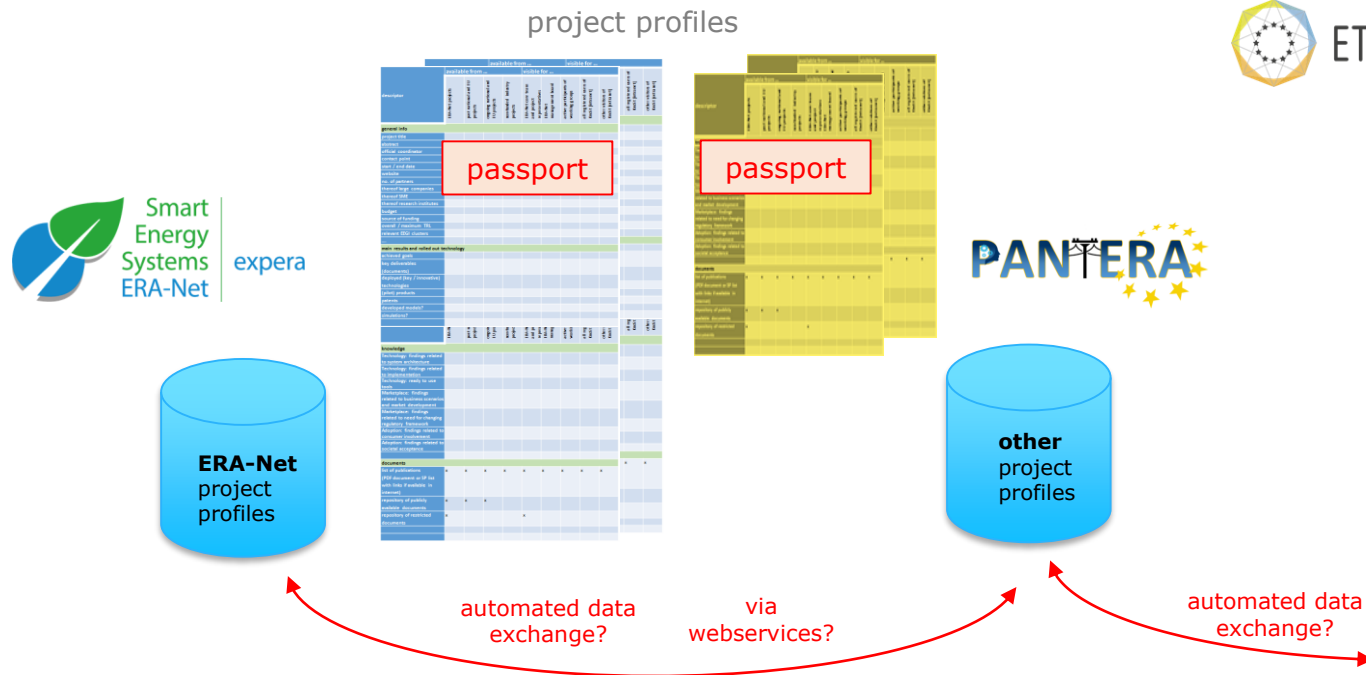
- For the access to the Drupal data from other systems, we are implementing a Restful Web Service API.
- This Technology permits access from practically every language and services. It becomes a bridge between different platforms and applications
- Drupal 9 has a way to expose endpoints to manage the drupal content types.

Platforms API Connections



Connecting Project Repositories

Emphasis on the first phase on knowledge sharing through the compilation of living documents



Thank you



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Sustainable Energy

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