

Opportunities the European Green Deal and Energy Union provide for RIs



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The “whats”, “hows” and “whys” of the European RIs



Tools for science operating as **facilities, resources** and **services**;



Develop our **technology** and provide a **thruster** for the advancement of **knowledge** by offering unique research services to the **users** and **stakeholders** from many states;



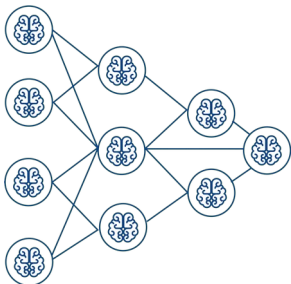
Conduct top-level research in **all** possible scientific **disciplines**: from social sciences to astronomy and from genomics to nanotechnologies;



Vehicles to **break** current **barriers** both **within** and **between** disciplines are **ready** to play their role within the new Framework;

...but what do they offer to the new Framework?

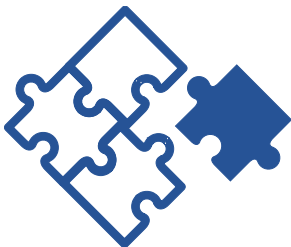
The European RIs offer...



On the science side

Consilience (unity of knowledge): "Literally a 'jumping together' of knowledge by the linking of facts and fact-based theory across disciplines to create a common groundwork of explanation."

Synthetic knowledge: Looking for knowledge stemming out of evidence from as many disciplines as possible (cross-domain).



On the technology side

An environment **boosting integration, community de-fragmentation, and innovation and growth**, practically without limits.

But...they are facing challenges: **scientific, technical, societal, cultural**
Are the RIs need to be organically linked to Green Deal & Energy Union?

Opportunities for the RIs in the Green Deal & Union Energy

- **New challenges** for the RIs to expand: further developing science and technology in supporting the Union, assisting policies and serving communities;
- **Assist EU** to address the **UN's SDGs**;
- **Access** to new **initiatives** (e.g. Missions, Clusters, etc.);
- **Deliver science-based** and **nature based solutions** to **global challenges**;
- **Synergies** with public funding, businesses and industry, towards a new innovation landscape;
- Cross-domain **integration**, technical **composability**, community **de-fragmentation** in a wide spectrum of topics: **clean energy, sustainable industry, building and renovating, sustainable mobility, biodiversity, from farm to fork, eliminating pollution.**

