

# 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;



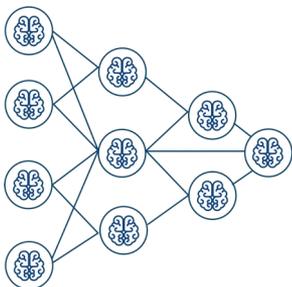
**Conduct top-level research** in **all** possible scientific **disciplines**: from social sciences to astronomy and from genomics to nanotechnologies;



**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?

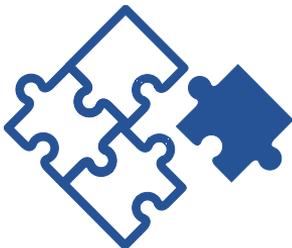
## The European RIs offer...



### *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**.

