

What do we mean by EOSC Federation?

- European federation models make available resources at national sites in international collaborations.
 - Institutions (sometimes countries) deal with the setup and operation of the site.
 - The international dimension is managed by separate activities.
- The degree of coordination depends on different aspects, such as the nature of the resources
 - Federation can require tight (e.g. Distributed computing infrastructure) or light coordination (e.g. shared access to instrumental facilities).

Elements of the EOSC Federation

- Examples coming from the community (Disclaimer: survey during the last session of the NTE 19/9)
 - Large Research Organizations (e.g. CSIC, CIEMAT).
 - e-Infrastructure sites and networks (e.g. the Spanish Network for Supercomputing or the BSC).
 - The Spanish Network of e-Science.
 - ERIC Community nodes.
 - Thematic nodes (e.g. Marine/oceanographic repository).
 - Networks of research Centres (e.g. SOMMA, ISCIII)
 - Thematic Networks (e.g. HEP centres)
 - The Spanish NREN.
 - University associations.
 - Single Universities.

Favouring the Distributed model



What would be suitable mechanisms to enable and fund the federation?

- Same model may not fit all the countries: Flexibility is needed.
- We need to agree on what should be funded first and let the legal details for later on.
- Funding activities outside of the Spanish boundaries is complex
 - Existing mechanisms could fund activities of national institutions in international projects or the procurement of resources located in Spain.
 - Multi-year commitments have to be carefully planned.