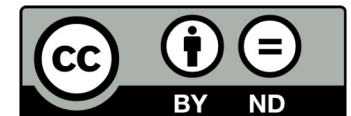


# Engaging e-infrastructures in EOOSC Future

Giulia Malaguarnera  
OpenAIRE, Outreach & Engagement Office

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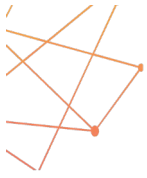




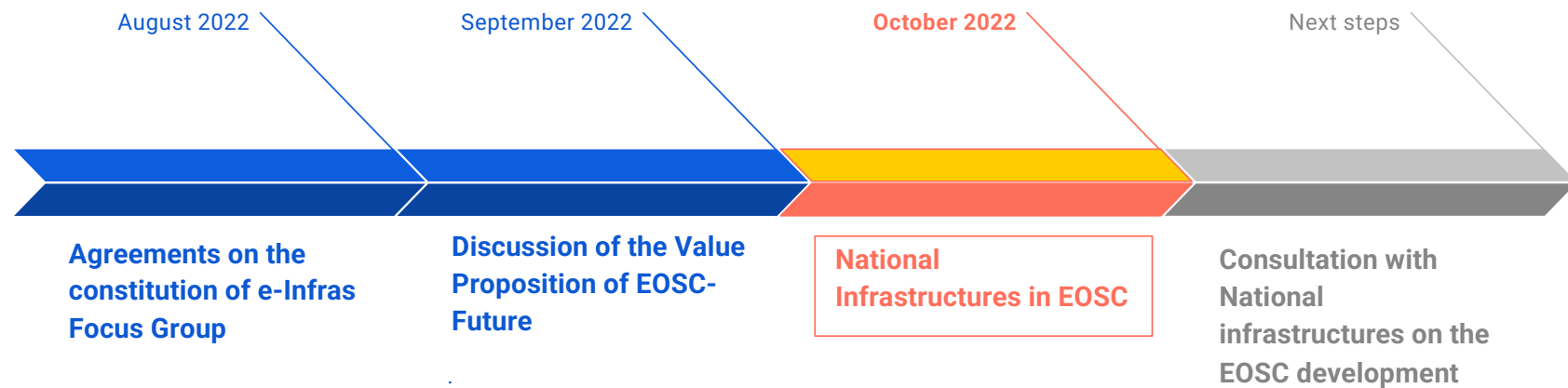
# e-Infrastructures

The e-Infrastructures are part of the research infrastructure and comprehend digital technologies (hardware and software), resources (data, services, digital libraries), communications (protocols, access rights and networks), and people and organisations that manage them.





# Towards a closer engagement between national level and EOSC of e-Infras



## What did we learn?



## EOSC Core and its value proposition for e-Infras

- The EOSC Core and Support provides an essential set of internal services and support activities which allow EOSC to operate.
- EOSC Core provides the ability to seamlessly share, access, and combine individual resources across research communities.
- **For the e-Infras:**
  - EOSC is perceived as a federation
  - **Data** are the key elements they
  - Lower interest to the **services** by efforts in countries with low investment; prefer to **promote the national**
  - Highest use is the **AAI** and a federation with the highest potential;
  - The **onboarding** process should
  - The **monitoring and ordering** have limited use

**“We need professional services rather than pilots”**



# EOSC Exchange and national horizontal services

- The EOSC Exchange consists of catalogues and market place. It includes horizontal services which widely required in the scientific community, for their benefits and scale up the collaborations.
- **E-infras:**
  - While they see the **added value of 'not reinventing the wheel'** of finding services or following guidance for data repositories instead of developing new once;
  - they face the **resistance of the research community in using the services and a lack of knowledge across Open Science and it practices**

*"EOSC Exchange needs to be valuable enough that it is **recognized as the place where people want to publish their data and services**. So we don't have to push for our resources to go into the Portal, but it happens automatically. If people realize the value of Exchange, they will be willing to share their resources."*





## The EOSC Interoperability Framework (IF)

The EOSC IF is a generic framework that can be used by all the entities participating in the development and deployment of EOSC, providing a common understanding of the requirements, challenges and recommendations that they should take into account, as well as a general set of principles on how these recommendations may be addressed

- **The debate and take away:**

- From National perspectives the guidance adopted in EOSC looks the most authoritative.
- Adopting the interoperability guidelines is seen on the benefits of the researchers and the society
- Should be interpreted as recommendations rather than requirements

*"Aligning different existing guidelines should **not happen by definition, but only where it makes sense**"*

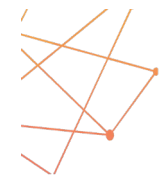


## What about the EOSC Knowledge Hub?

The Knowledge Hub is a learning platform based on moodle and a training catalogue about the use and the services present in EOSC.

- What are the strengths and challenges at national level?
  - Several training catalogues are present in different countries
  - Different communities require different approaches,
  - Share course designs would be welcome
  - Align metadata schemas for training catalogue to avoid duplication of efforts
  - **Training on legal issues** and how to share content and services for providers, is of high priority, as well as the need to **establish and adopt a common vocabulary**

*"In general, we have so many training resources that we have to **make an effort to find what is actually relevant for different research communities**. So if we have manually curated collections, there needs to be a **clear focus as to what is needed**. Training material that is **targeted at a broader audience should be focused on metadata and resource descriptions to enable the discovery if that material**".*



# The EOSC Observatory

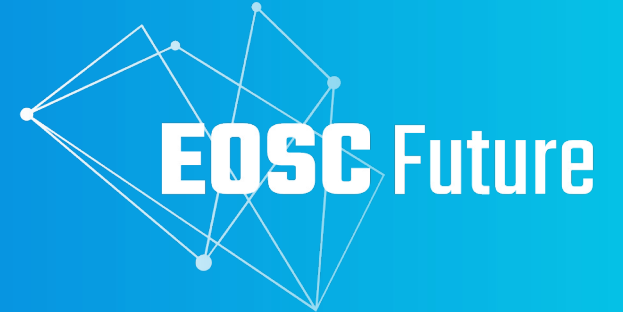
The EOSC Observatory is a policy intelligence tool being developed by the EOSC Future project for monitoring policies, investments, resources, and infrastructures related to EOSC.

## E-Infras

- **Sharing** of good practices and challenges across Europe is key
- A centralised Observatory brings value to exchanging information and supporting investments in research and human capital for better Open Science (national) policies

*"We are now at the stage of tracking policies, but also intentions and commitments. Then we are slowly moving on towards tracking practices, uptake and impact".*





# Thank you for your attention

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