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Opportunities for PHIRI

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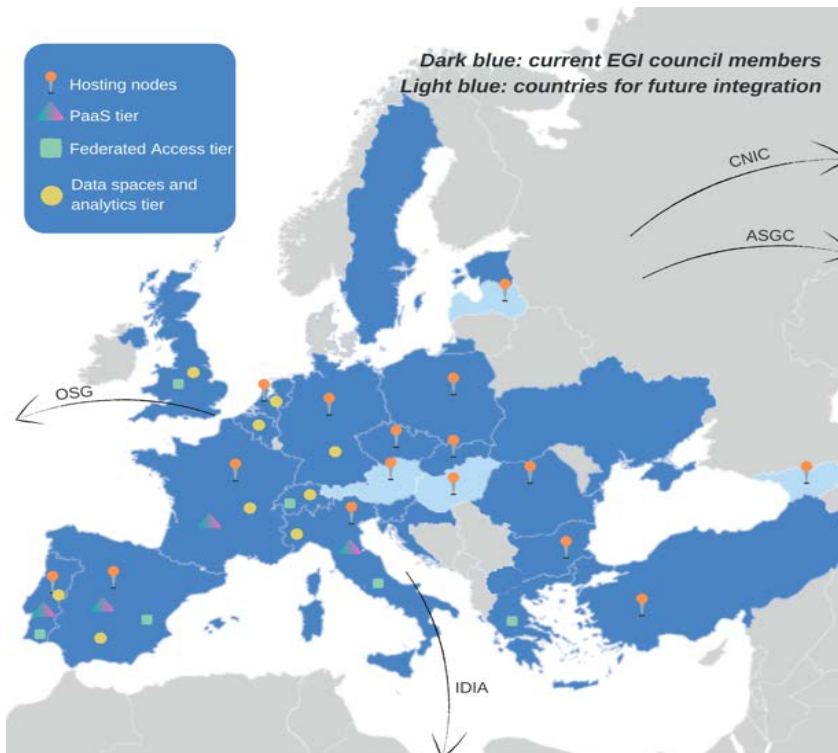
14 January 2021
PHIRI Stakeholder Meeting

EGI & EGI-ACE overview

Built on the sustainable EGI e-infrastructure

EGI-ACE implements the **Compute Platform of the European Open Science Cloud** and contributes to the **EOSC Data Commons**

Dark blue: current EGI council members
Light blue: countries for future integration

- Hosting nodes
- PaaS tier
- Federated Access tier
- Data spaces and analytics tier

- Consortium:
  - Coordinator: EGI Foundation
  - 33 participating partners + 23 third-parties
    Sciensano represents PHIRI in the 'Early adopters'

- **Focus on service delivery**
  - 16 partners to deliver **cloud, HTC and HPC resources**
  - 12 partners: **access and platform solutions**
  - 12 providers: **federation services**
  - 21 providers: **data spaces**

Duration: 30 months
Start date: 1 January 2021
End date: 30 June 2023
Budget: 12,380,165 EURO

EGI-ACE tier service architecture

Data Spaces and Analytics
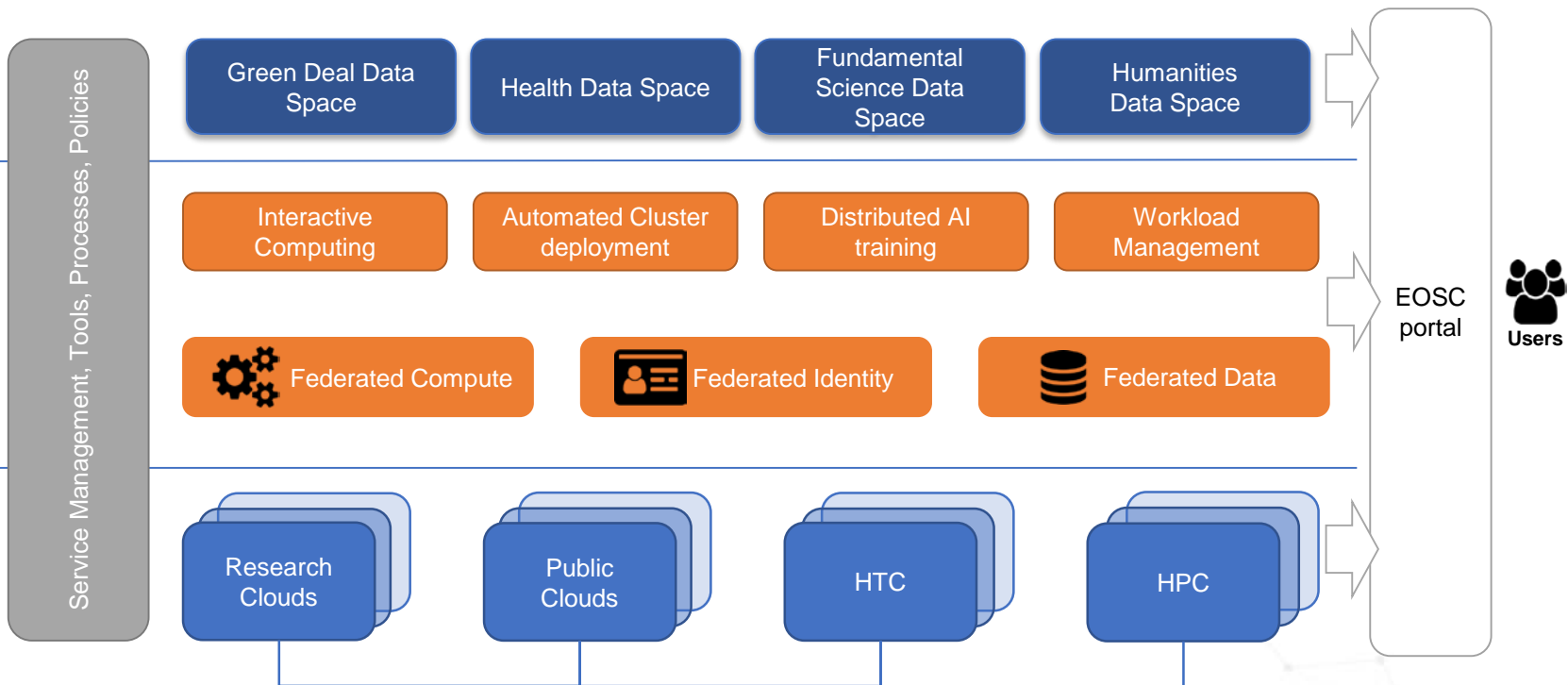Data and thematic data analytics and processing tools

Platforms
generic added-value platform level services

Federated Access
Federation-wide management of data and computing

Federated Resources
Compute and storage facilities

Service Management, Tools, Processes, Policies

Green Deal Data Space

Health Data Space

Fundamental Science Data Space

Humanities Data Space

Interactive Computing

Automated Cluster deployment

Distributed AI training

Workload Management

Federated Compute

Federated Identity

Federated Data

Research Clouds

Public Clouds

HTC

HPC

EOSC portal

Users

Opportunities

- Relevant experiences
  - Operating a network of data & compute centres (IT Service Management, Governance, financial planning)
  - Building distributed data catalogues (e.g. ECRIN Metadata Repository - Slides)
  - Federated authentication-authorization in international context (e.g. ELIXIR AAI)
  - Data exploitation – Staging and processing data in national compute centres (Stories)
- Interaction
  - Feb 5: EGI-ACE public launch event. **Register at https://indico.egi.eu/event/5359/**
  - EGI-ACE Communities Workshop
    - Feb (Date TBD)
    - **Resulting community-specific support plans and teams**

Thank you!

Questions: **gergely.sipos@egi.eu**