



# **EOSC Stakeholder Forum**

**Brussels 28-29 November 2017**

## **Reducing Infrastructure and Service Fragmentation Panel**

**Steven Newhouse, EMBL-EBI**

**Matthew Viljoen, EGI**

**EOSC** pilot

The European Open Science  
Cloud for Research Pilot Project

[www.eoscpilot.eu](http://www.eoscpilot.eu)

# Reducing Infrastructure and Service Fragmentation Panel

## Panelists

 FHPC: Shaun de Witt (FusionHPC)

 PN: Michael Schuh (Photon-Neutron)

 TC: Achille Felicetti (TextCrowd)

 PC: Sergei Iakhnin (PanCancer)

# What services have you used during your science demonstrator?

## Which were easy and which were hard to use?

- FHPC: Planning to use **EGI FedCloud** and possibly the EGI CheckIn.
- PN: Local **OpenStack**, **IAM**, external data repositories, data analysis & collaboration tools.
- TC: Deploying inside **EGI VM** with EUDAT **B2DROP** linking to D4Science environment.
- PC: **OpenStack**, Shared storage, **OneData**.

# How easy was it to access the services and capacity you needed?

- FHPC: Access to EGI FedCloud facilitated by EGI. Possible lack of fat nodes (high mem, low latency).
- PN: Containerised deployment worked but multi-headed graphic output challenging.
- TC: Technical skills needed to configure Linux VM.
- PC: Very hard to find storage capacity – taken 10 months to gain access to 2 out of 3 sites.

# Can you identify one area where better integration would have helped?

- FHPC: A Fusion VO build around certificates seen as a major barrier. Want more integrated AAI solutions.
- PN: OpenStack varies across sites which breaks automation. IAM integration varies. Focus on Docker/Singularity.
- TC: A platform that supports basic components.
- PC: Service registry with capability matrix. Integration of long-term data repositories with operational storage.

# Thanks!

