FRANCE GRILLES

French Strategy for the Development of Open Science in Relation with EGI and EOSC

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EOSC-France Landscape

Digital Transition for Research

- Fast increasing need for services able to manage scientific data
- Services should be FAIR-by-design
- Decreasing human resources
- Knowledge and best practice sharing
- Mutualisation: identify key e-infrastructures and actors, concentrate investments
- Handle both scientific clusters and long tail of science
- EOSC as an important part of the solution in France – a new humanism is the broadcasting of science

EOSC-France Landscape

EOSC in France

- EOSC: pillar of the digital transition in France
- Coordinated by the EOSC-France College (since 02/2022) : representatives of French organisations* which are members of the EOSC-Association + ministry (DGRI)
- EOSC-France college gives advice and proposes actions to the Comité Pilotage Services et Infrastructures Numérique (CoPil-SIN)
- New working groups on communication and mediation
- Strong link between user communities and deciders

** Members of the EOSC-France College: CEA, CINES, CNRS, France Universités, GENCI, IFREMER, ILL, INRAE, INRIA, INSERM, Observatoire Paris, RENATER, Soleil, Université de Bordeaux, Université de Montpellier, Université Paris Cité, Université Paris Nanterre, Université Paris-Saclay, Université Strasbourg, CGE, Couperin, ANR, IRD, Sorbonne Université, Udice, Université de Univ. Lorraine, Nantes Université, Université Grenoble Alpes, Université Paris 1 Panthéon-Sorbonne, MESR / DGRI*

EOSC-France Landscape

France in EOSC

- French partners have been heavily involved in EOSC from the very beginning
- Large variety of EOSC-relevant services that could and should be connected to the EOSC ecosystem
- Strong policy framework at national and institutional level to align activities
- EOSC-France college is the national EOSC initiative
- France is present in nearly all EOSC-relevant projects
- Large variety of EOSC-relevant services that are already or could and should be connected to the EOSC ecosystem
- Supporting e-infrastructures are key for EOSC, EquipEx+ projects address this aspect
- Supported by the French Open Science Roadmap: https://www.ouvrirlascience.fr/deuxieme-plan-national-pour-la-science-ouverte/

EOSC-France Landscape

e-Infrastructures for EOSC

- EOSC needs e-Infrastructures to host, operate, enable the necessary services
- Storage, processing (different systems), networks
- Need to help e-Infrastructures at the national level to support EOSC
- PIA3 (third « Programme d'Investissements d'Avenir ») supports a number of e-infrastructures, also to enable EOSC-relevant activities:
  - FITS: bringing together the services and expertise of IDRIS and CC-IN2P3
  - GAIA DATA: deploying distributed data and services for Earth system
  - MesoNET: managing distributed HPC-AI regional centers
  - MuDiS4LS: deploying a shared digital infrastructure across for life science
- France Grilles as a link between these infrastructures – an open question

EOSC-France: France-Grilles?

France-Grilles

- Shaping the future of France-Grilles with the French Ministry
- Key actor for e-infrastructures, interoperability, support for the long tail of science, relationship with European partners (in particular EGI), technical coordination between regional computing centers
- Transformation underway to support the new French landscape (MesoNET[1], Recherche Data Gouv[2], ...)
- Coorganisation of INFRAEOSC 5b meeting in 2022 in Strasbourg
- Organisation of the French EOSC Technical workshop in January 2023

1. https://www.mesonet.fr/
2. https://recherche.data.gouv.fr/

Genevieve is now retired, big thank to her !

Questions?