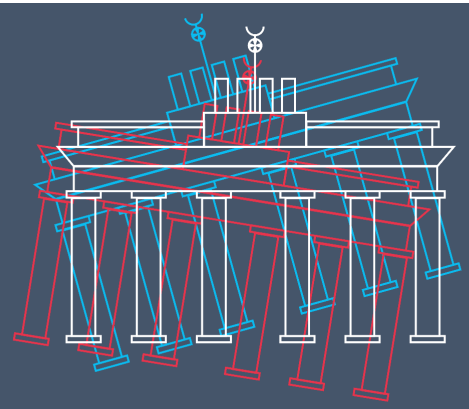
eosc X nfdi



Setting the Scene …

… from an infrastructure provider perspective

Philipp Wieder (GWDG)
Berlin, October 23rd, 2024

1 Roles & Responsibilities

Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen (GWDG)

"

- **EOSC EU Node**: Contributor to “Core Federation Services” through the Open Science Agora Consortium
- **EOSC Service Development**: Participation in AARC-TREE, EOSC Beyond & FAIRCORE4EOSC
- **European Infrastructure Providers**: Member of EGI (via NGI-DE) and EUDAT Collaborative Data Infrastructure
- **DARIAH ERIC**: Provider of a variety of services
- **NFDI Basic Services**: Participation in basic service development of Identity & Access Management, Persistent Identifier Services, and Jupyter Platform
- **NFDI Consortia**: Service development & provision for a variety of services
- **NFDI Working Group “Overall Architecture”**: Co-lead to develop NFDI Architecture

2 The EOSC EU Node and the EOSC Federation

Nationale Forschungsdaten Infrastruktur

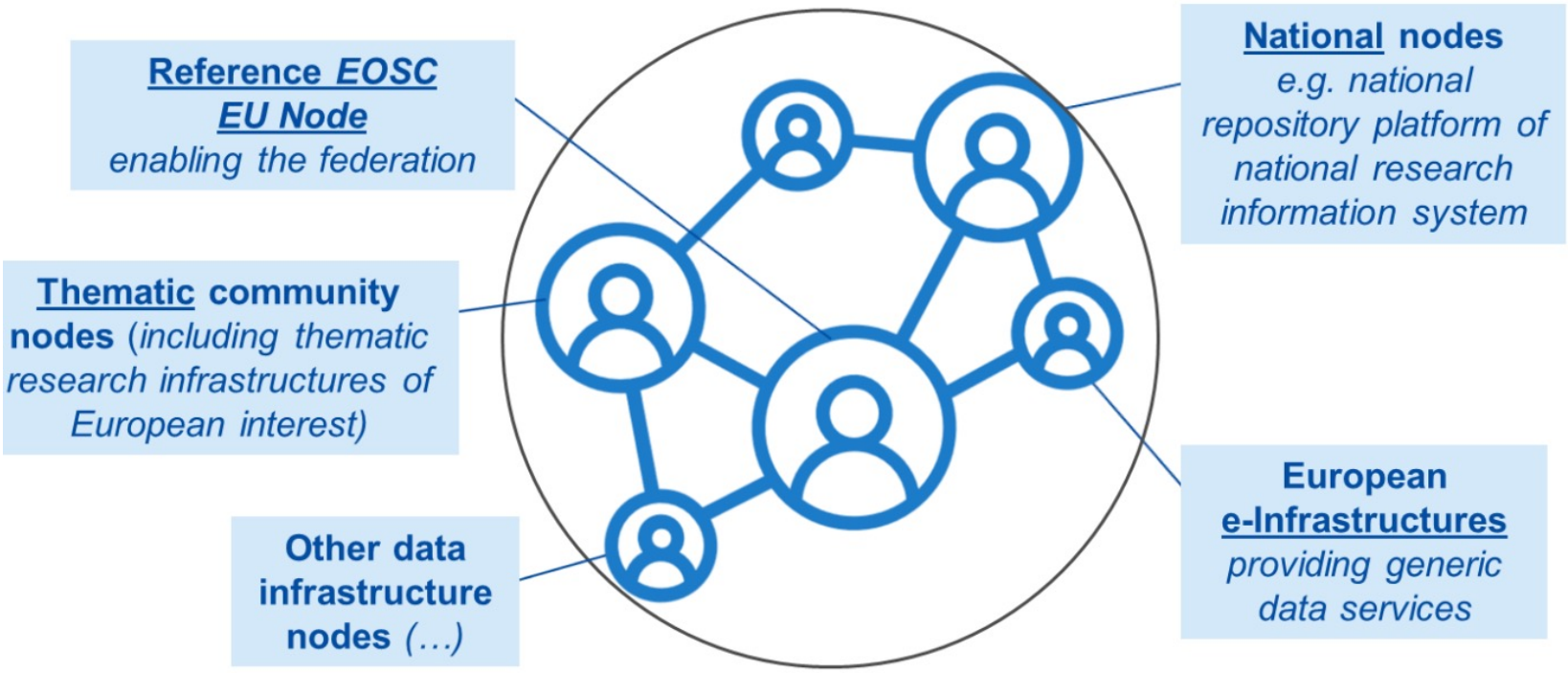


Figure from: P. Szegedi, "Launching and operating the EOSC EU Node", 02/2024, https://eosc.eu/wp-content/uploads/2024/02/Peter-Szegedi-European-Commission-Winter-school-2024.pdf (CC BY 4.0).

3 (Potential) Contributions to EOSC Federation
GWDG perspective

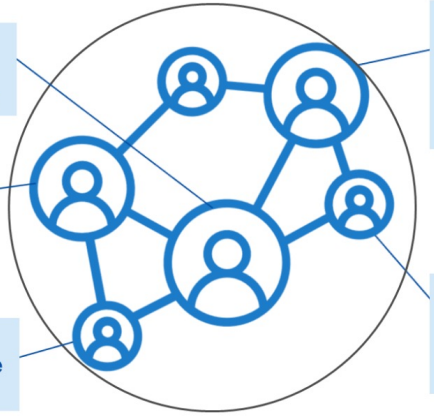
Nationale Forschungsdaten Infrastruktur

GWDG

DARIAH-EU

Text+

NFDI 4 BIODIVERSITY



Reference *EOSC EU Node* *enabling the federation*

Thematic community nodes (*including thematic research infrastructures of European interest*)

Other data infrastructure nodes (*…*)

National nodes *e.g. national repository platform of national research information system*

European e-Infrastructures *providing generic data services*

nfdi

base4nfdi

EGI

EUDAT

4 What do we (= NFDI) need …
… to use the momentum & contribute to the federation?

Nationale Forschungsdaten Infrastruktur

We need …

- … a clear description of the EOSC Federation,
  - We expect the EOSC Federation Handbook to serve this need (https://eosc.eu/eosc-federation-handbook/)
- … a precise (technical) description of what a node is (including operational requirements),
- … a discussion within the NFDI with respect to the national node and the role of the thematic contributions of NFDI projects, and
  - The NFDI “Overall Architecture” WG is one place to discuss this
- … strategic decisions regarding sustained developments & operation on the various levels.