EOSC | Federation

EOSC Node | Czechia

National EOSC Node

- Bridge between national EOSC ecosystem and EOSC Federation
- Core based on IT services provided by e-INFRA CZ
  - Storage capacities
  - Compute and AI capacity: JupyterNotebooks, Galaxy, …
  - Lexis Portal (EuroHPC link)
  - LLM-as-a-service
  - SensitiveCloud – TRE
- Onboarding services from EOSC CZ initiative
  - Especially repositories and similar data resources
  - Also services from other infrastructures (LS AAI)

Benefits for EOSC Federation

- Cross node use cases support, e.g.,
  - SensitiveCloud for Multi-centric Validation
  - AI-Enhanced Federated Galaxy Workflows
- Sensitive data processing (Sensitive Cloud)
- Sovereign AI inference environment (LLM-as-a-service)
- Service Incubator early onboarding for services under development

Who is behind the Node

e-INFRA Consortium
- **CESNET**
- CERIT-SC/MU
- IT4Innovations/VSB-TUO

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