NI4OS-Europe pre-production environment

NI4OS-Europe on-boarding train-the-trainer

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Agenda

- Introduction
- MVE
- EOSC-Core
- NI4OS-Europe pre-production environment

Introduction

❑Why do we need pre-production environment?

❑Verify the services before EOSC onboarding

❑Lessons from the past

❑EOSC architecture

❑Minimum Viable EOSC

Minimum Viable EOSC

- ❑ The MVE includes EOSC-Core and EOSC-Exchange which work with federated FAIR datasets

- ❑ MVE must enable the federation of existing and planned research data infrastructures

- ❑ Federate the disciplinary cluster and regional projects as a critical first step

EOSC-Core: functions and proposed coverage
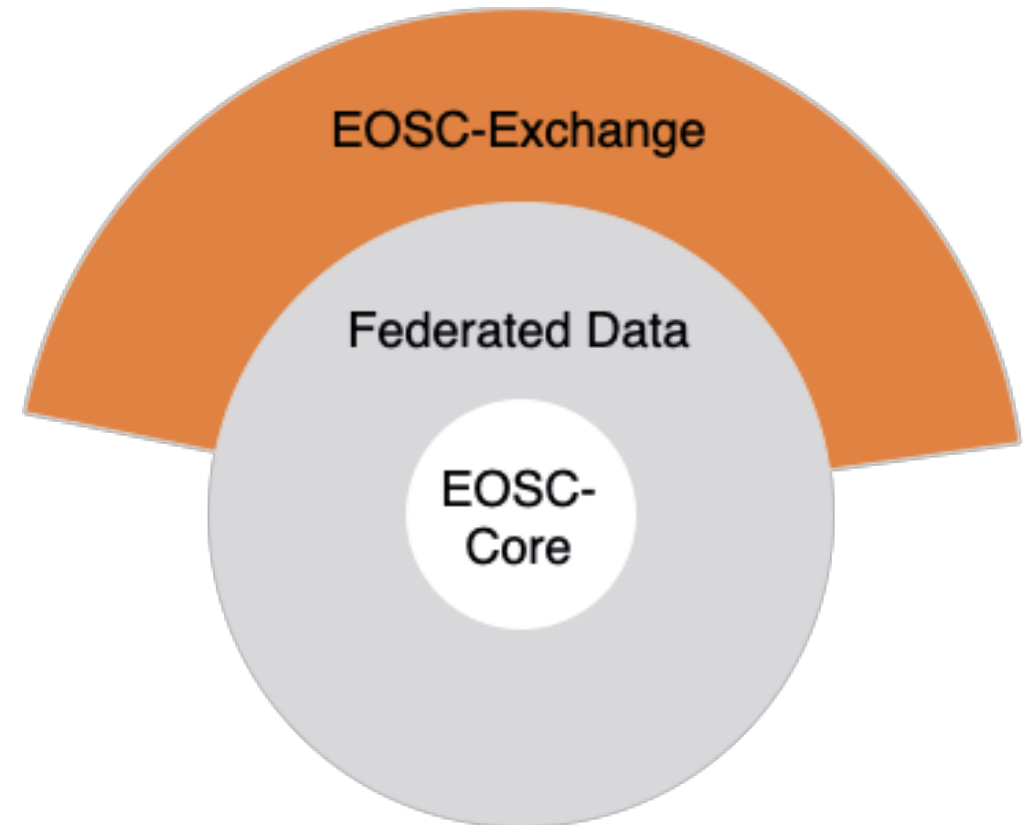
Functions

- ❑ Provides the means to discover, share, access and re-use data and initial services
- ❑ Will not store, transport or process data, at least initially
- ❑ Should be used as widely as possible → will be accessible to any authenticated user to promote open research across Europe

Proposed coverage

- ❑ Shared open science policy framework
- ❑ AAI framework
- ❑ Data access framework
- ❑ Service management framework
- ❑ Minimum legal metadata framework
- ❑ Open metrics framework
- ❑ PID services
- ❑ Help-desk

Pre-production environment

- Minimum set of federating services to support integration of the initial set of the regional service into the EOSC

- Environment equilvalent to MVE

- Essential building blocks that will enable the integration of all the other service in the EOSC ecosystem

- Pre-production environment will iteratively expand to include other service performance measurement tools, following both desired and achieved levels of integration of regional services.

Technical architecture of the pre-production env.

- ❑ Service portfolio management system
  - ❑ Agora
- ❑ Helpdesk
  - ❑ Request tracker
- ❑ AAI
  - ❑ NI4OS Login
- ❑ Monitoring
  - ❑ Argo
- ❑ Inventory
  - ❑ GOCDB
- ❑ Accounting
  - ❑ in-house
- ❑ Training
  - ❑ Moodle + BBB
- ❑ Wiki
  - ❑ MediaWiki
- ❑ Events
  - ❑ Indico

SPMS
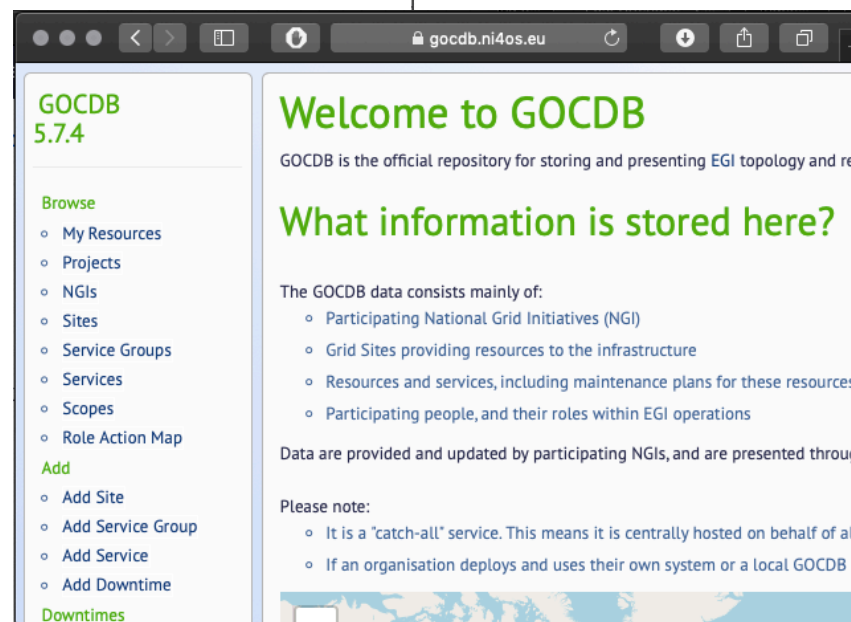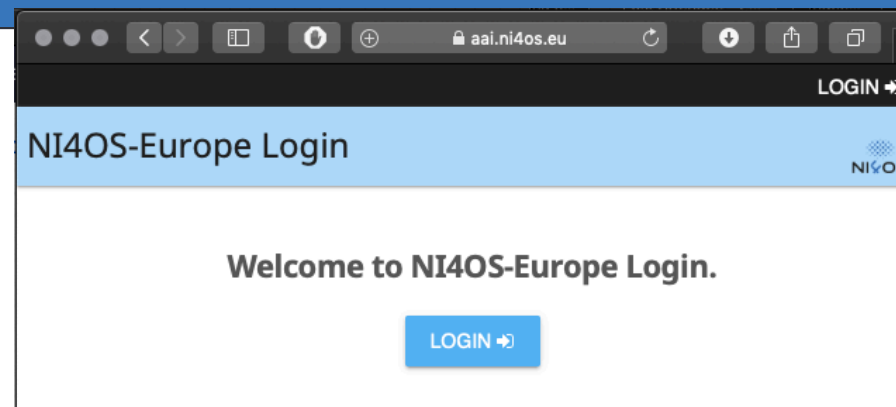
- AGORA system, developed by GRNET

- Hosted by GRNET

- Fully compatible with EOSC catalogues

- Based on the EOSC Service Description Template 2.1

https://agora.ni4os.eu/ui/

Helpdesk

❑Request tracker

❑Hosted by IPB

❑Procedures for registering support channels will be available on the wiki

AAI – NI4OS Login

- Hosted by GRNET
- Part of eduGAIN
- Dedicated wiki page with the instructions how to integrate services with NI4OS Login
- https://wiki.ni4os.eu/index.php/AAI_guide_for_SPs

https://aai.ni4os.eu/

Monitoring

- ARGO tool used for monitoring
- Hosted by GRNET and SRCE
- Instructions on how to integrate services available at the wiki
- https://wiki.ni4os.eu/index.php/Monitoring_guide_for_SPs

https://argo.ni4os.eu

Inventory
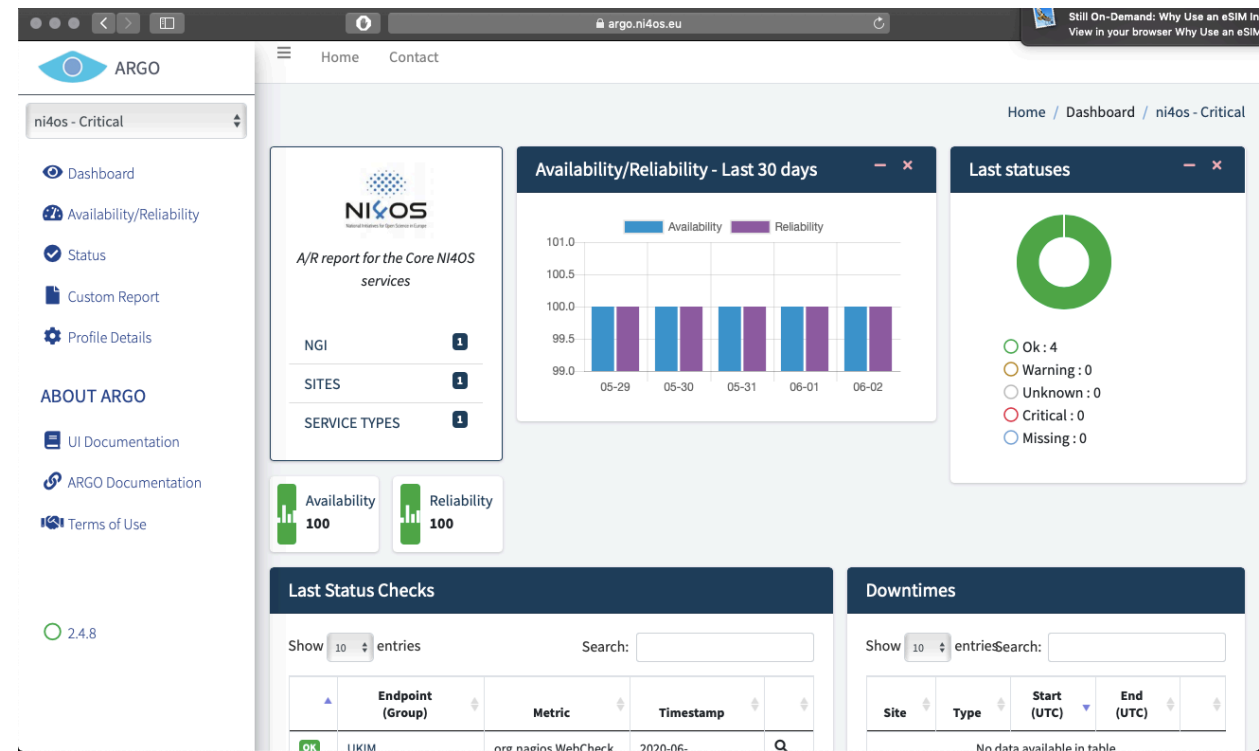
- GOCDB
- Hosted by UKIM
- Used by ARGO for ednpoint identificaiton
- Registration procedure will be available on the wiki

https://gocdb.ni4os.eu/portal/

Accounting
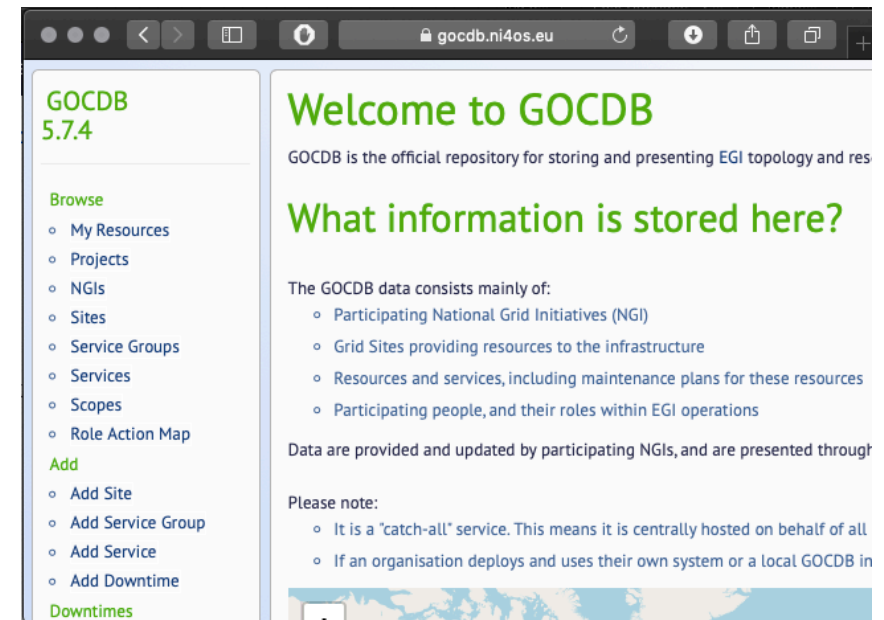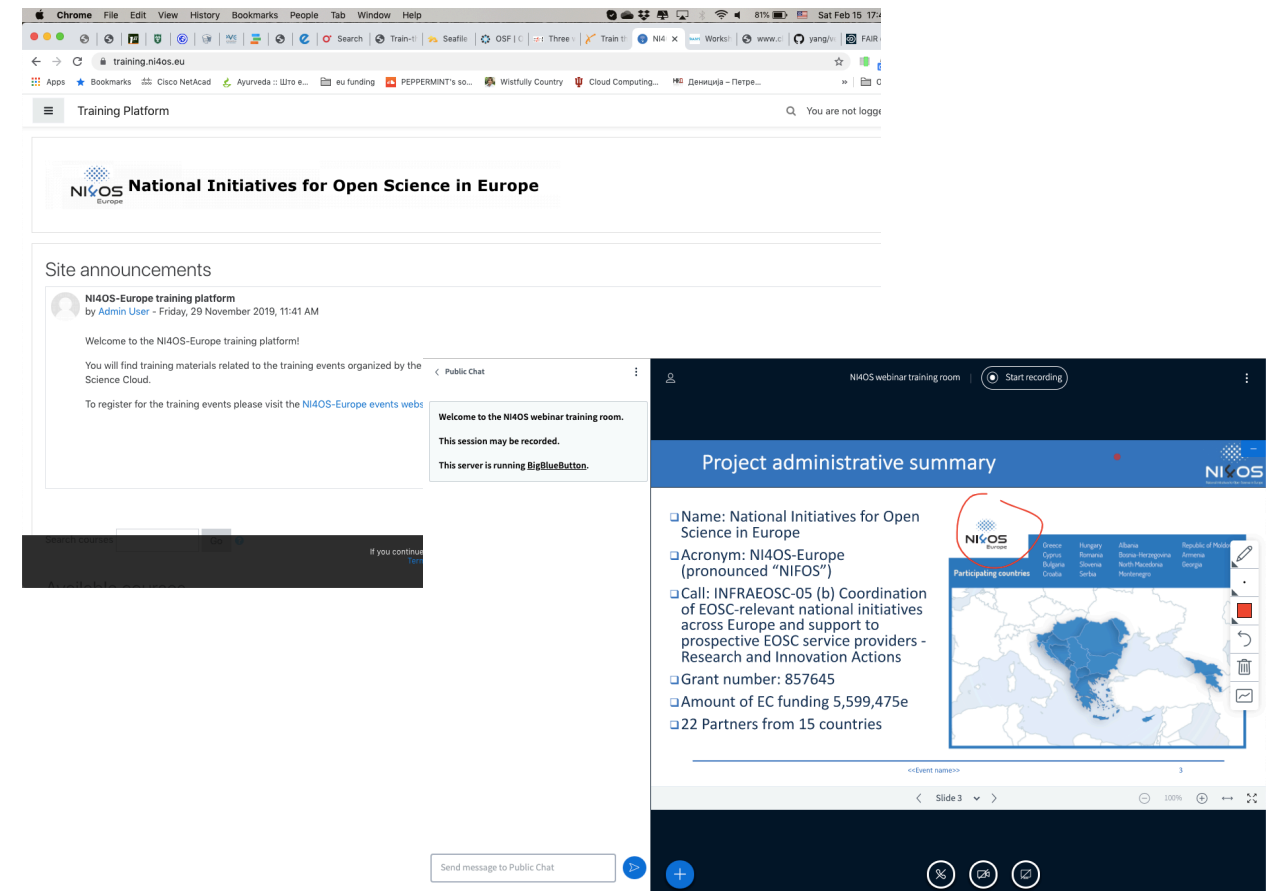
- ❑In-house developed solution

- ❑Hosted by IICT

- ❑Instructions on the integration of monitoring tools with the services will be available at the wiki

Training

❑ Moodle + BigBlueButton based

❑ Hosted by UKIM

❑ AAI login enabled

❑ Full GDPR compliance

❑ Integrated rich webinar environment

https://training.ni4os.eu/

Technical wiki

□ MediaWiki based

□ Hosted by IPB

□ Contains a growing set of document explaining the integration process of different types of services with the pre-production environment as well as the on-boarding procedure, members of the team, etc.

https://wiki.ni4os.eu/

Thanks!

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