

NI4OS-Europe pre-production environment

NI4OS-Europe on-boarding train-the-trainer

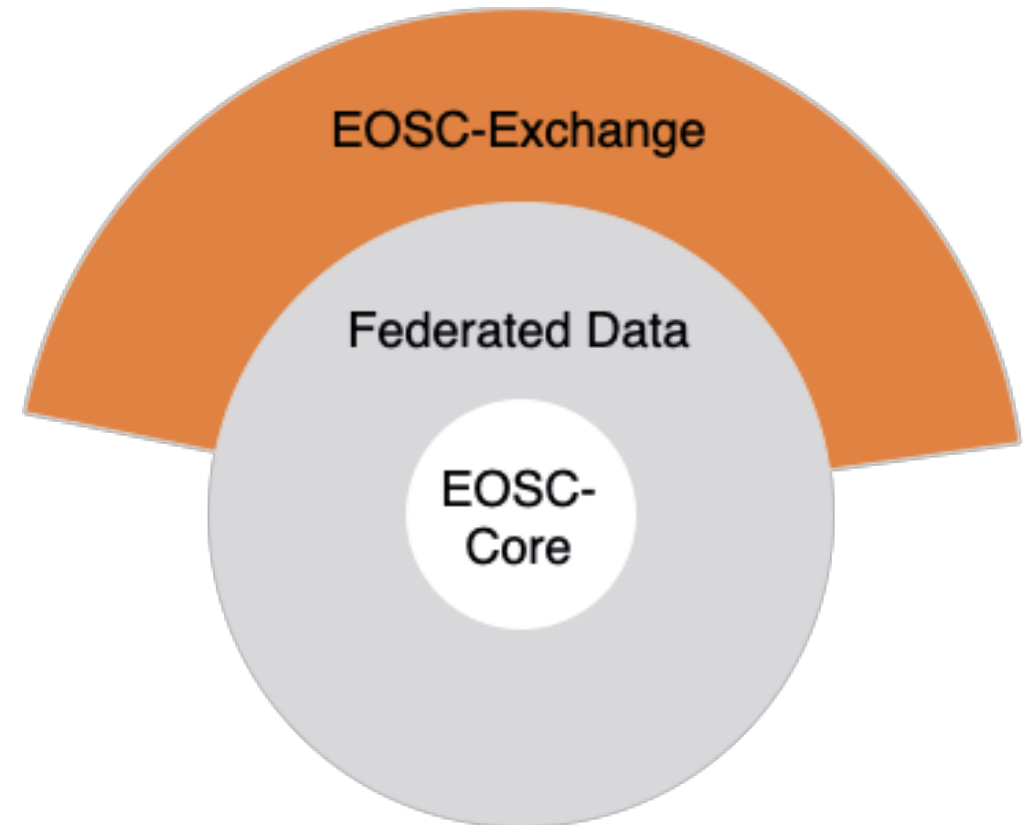
Anastas Mishev, UKIM



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

- ❑ Why do we need pre-production environment?
- ❑ Verify the services before EOSC onboarding
- ❑ Lessons from the past
- ❑ EOSC architecture
- ❑ 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



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

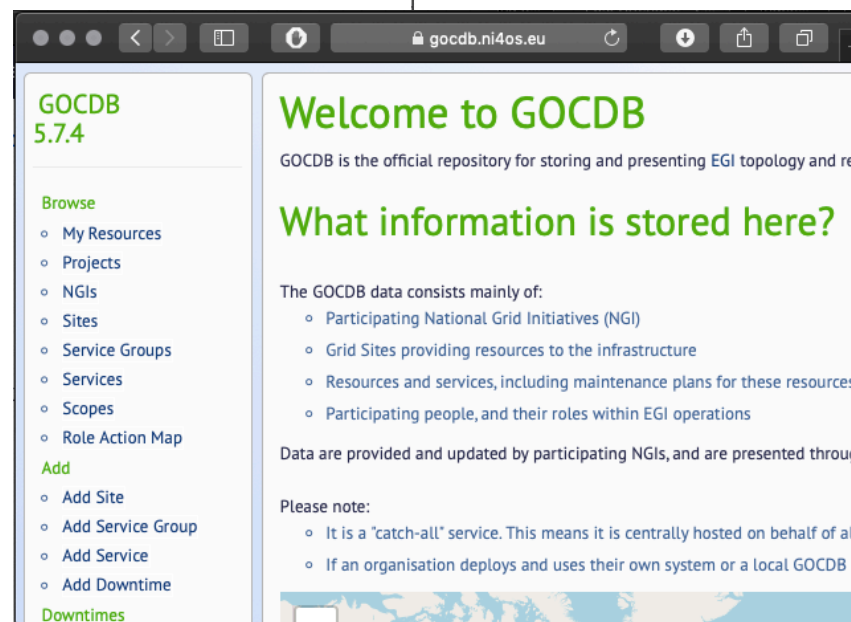
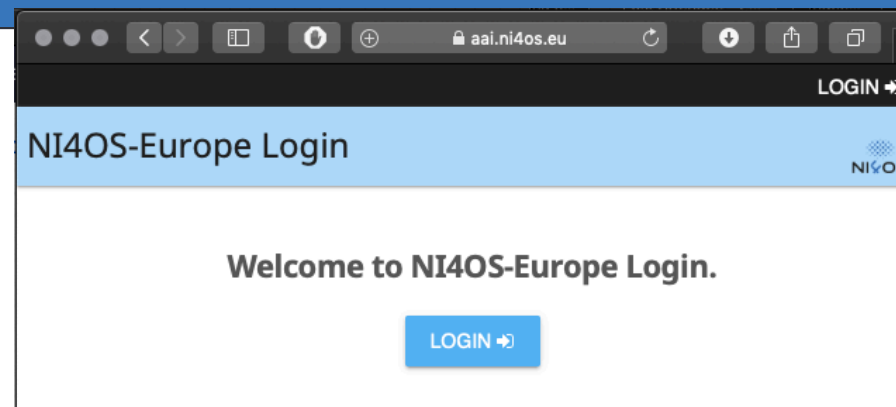
Proposed coverage

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

- ❑ Minimum set of federating services to support integration of the initial set of the regional service into the EOSC
- ❑ Environment equivalent 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
 - ❑ GOCDDB
- ❑ Accounting
 - ❑ in-house
- ❑ Training
 - ❑ Moodle + BBB
- ❑ Wiki
 - ❑ MediaWiki
- ❑ Events
 - ❑ Indico



- ❑ 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/>

- ❑ Request tracker
- ❑ Hosted by IPB
- ❑ Procedures for registering support channels will be available on the wiki

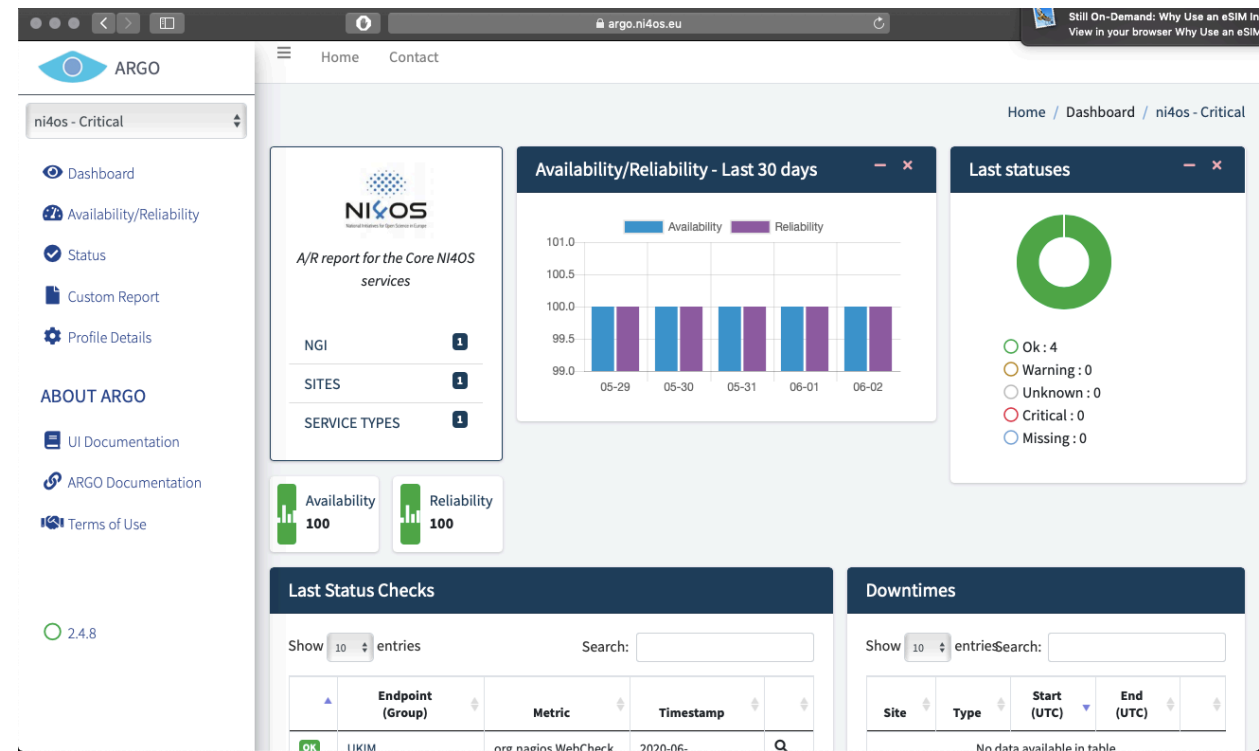
- ❑ Hosted by GRNET
- ❑ Part of eduGAIN
- ❑ Dedicated wiki page with the instructions how to integrate services with NI4OS Login
- ❑ https://wiki.ni4os.eu/index.php/AAI_guide_for_SPs

<https://aai.ni4os.eu/>



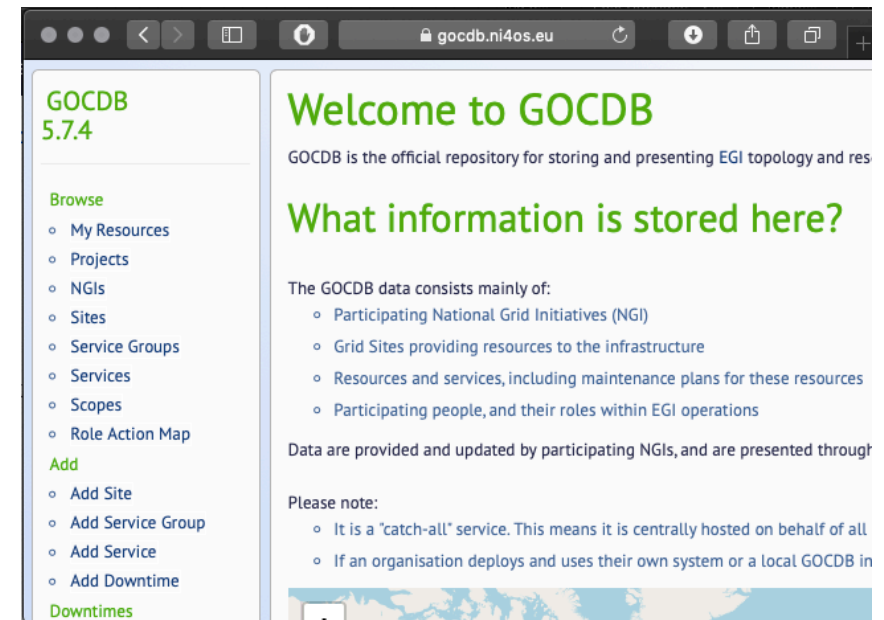
- ❑ ARGO tool used for monitoring
- ❑ Hosted by GRNET and SRCE
- ❑ Instructions on how to integrate services available at the wiki
- ❑ https://wiki.ni4os.eu/index.php/Monitoring_guide_for_SPs

<https://argo.ni4os.eu>



- ❑ GOCDDB
- ❑ Hosted by UKIM
- ❑ Used by ARGO for endpoint identification
- ❑ Registration procedure will be available on the wiki

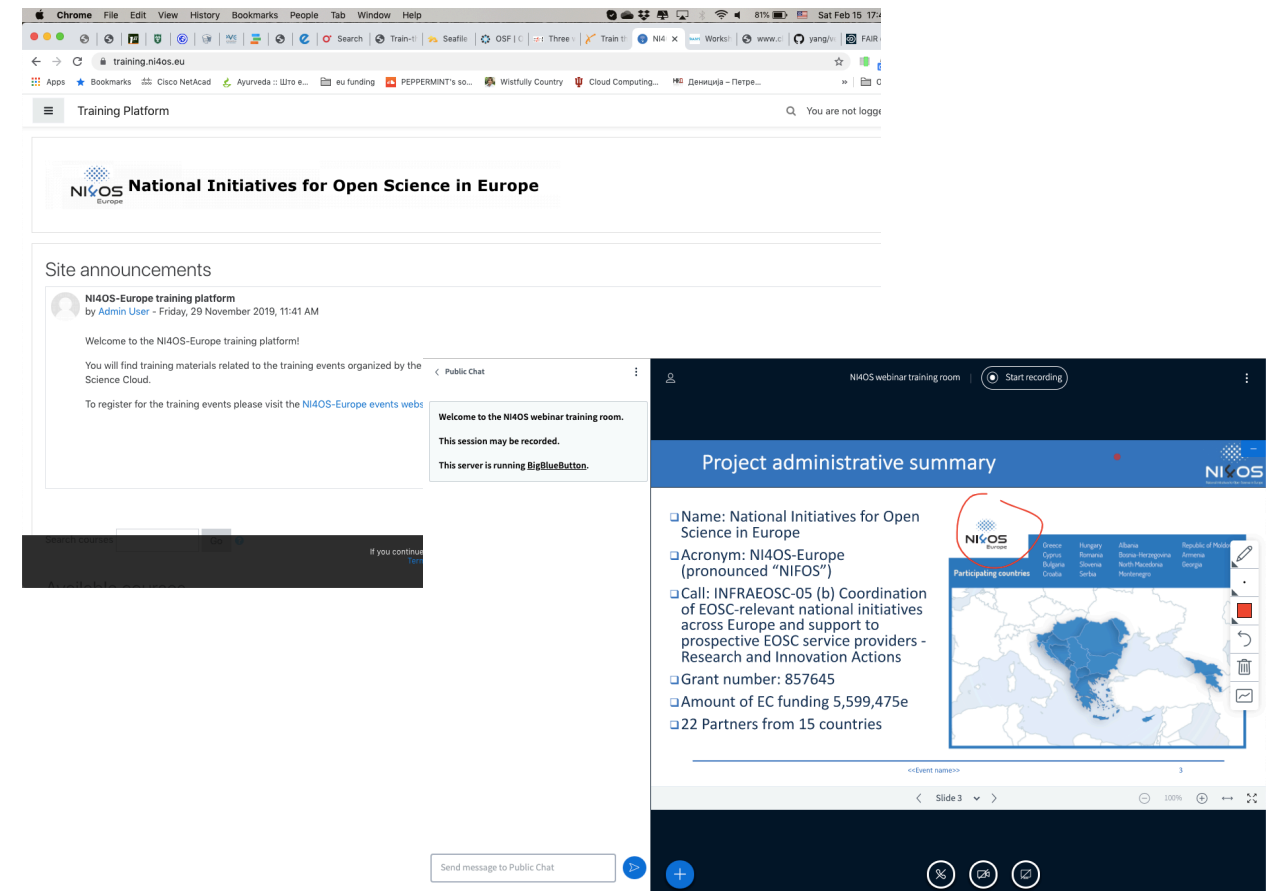
<https://gocdb.ni4os.eu/portal/>



- ❑ In-house developed solution
- ❑ Hosted by IICT
- ❑ Instructions on the integration of monitoring tools with the services will be available at the wiki

- ❑ Moodle + BigBlueButton based
- ❑ Hosted by UKIM
- ❑ AAI login enabled
- ❑ Full GDPR compliance
- ❑ Integrated rich webinar environment

<https://training.ni4os.eu/>



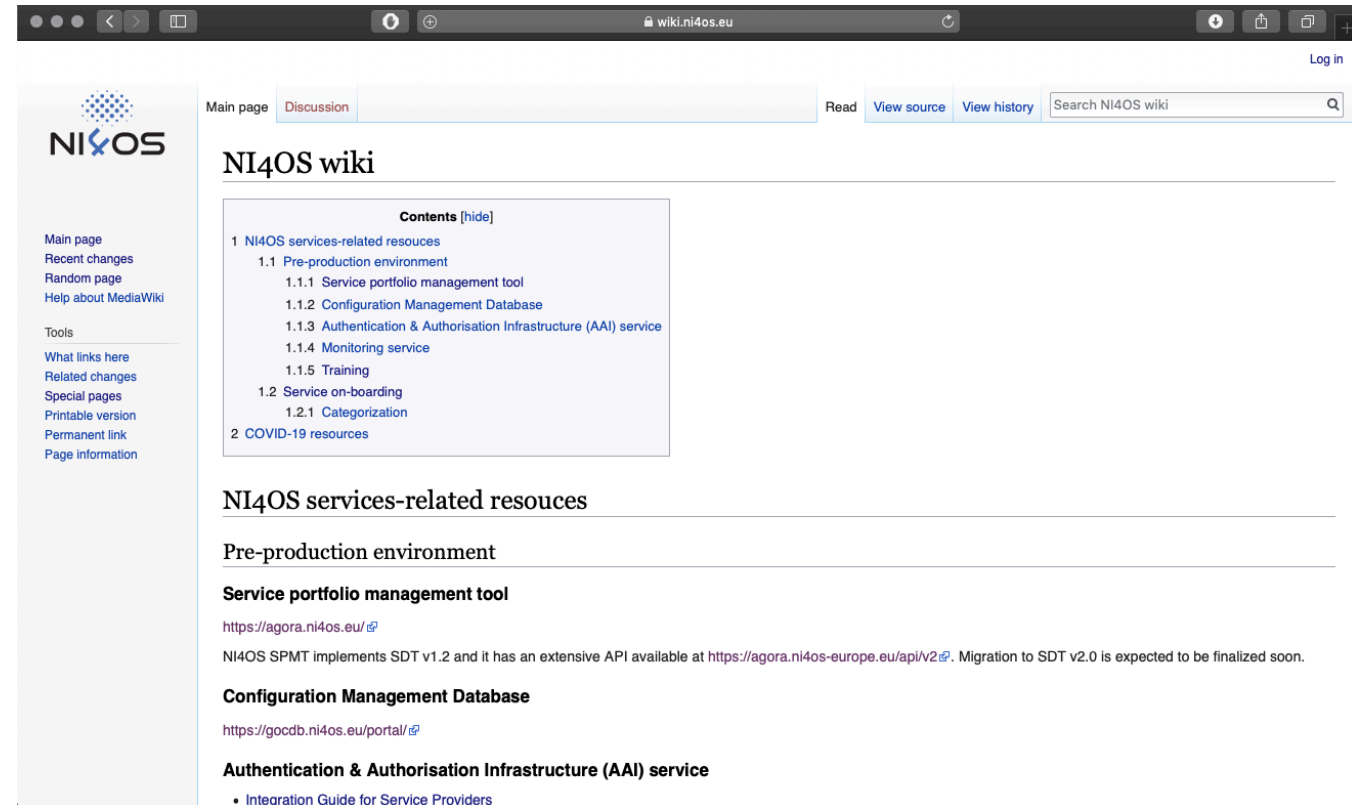
The screenshot shows a web browser displaying the NI4OS training platform. The page header includes the NI4OS logo and the text "National Initiatives for Open Science in Europe". Below the header, there is a "Site announcements" section with a message from the "Admin User" dated Friday, 29 November 2019, 11:41 AM. The message welcomes users to the NI4OS-Europe training platform and provides information about training materials and registration. A "Public Chat" window is open, displaying a welcome message: "Welcome to the NI4OS webinar training room. This session may be recorded. This server is running BigBlueButton." The main content area shows a "Project administrative summary" slide from a presentation. The slide lists the following information:

- ❑ Name: National Initiatives for Open Science in Europe
- ❑ Acronym: NI4OS-Europe (pronounced "NIFOS")
- ❑ Call: INFRAEOSC-05 (b) Coordination of EOSC-relevant national initiatives across Europe and support to prospective EOSC service providers - Research and Innovation Actions
- ❑ Grant number: 857645
- ❑ Amount of EC funding 5,599,475e
- ❑ 22 Partners from 15 countries

A map of Europe is shown on the right side of the slide, with a red circle highlighting the NI4OS logo. The map is titled "Participating countries" and shows various countries in Europe highlighted in blue. The slide is part of a presentation, with "Slide 3" visible at the bottom.

- ❑ MediaWiki based
- ❑ Hosted by IPB
- ❑ Contains a growing set of documents 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/>



The screenshot shows the NI4OS wiki homepage in a browser. The browser address bar displays 'wiki.ni4os.eu'. The page features a navigation menu with 'Main page' and 'Discussion' tabs, and a search bar labeled 'Search NI4OS wiki'. The main content area is titled 'NI4OS wiki' and includes a 'Contents [hide]' section with a table of contents:

1	NI4OS services-related resources
1.1	Pre-production environment
1.1.1	Service portfolio management tool
1.1.2	Configuration Management Database
1.1.3	Authentication & Authorisation Infrastructure (AAI) service
1.1.4	Monitoring service
1.1.5	Training
1.2	Service on-boarding
1.2.1	Categorization
2	COVID-19 resources

Below the table of contents, the page lists 'NI4OS services-related resources' and 'Pre-production environment'. Under 'Pre-production environment', there are sections for 'Service portfolio management tool' (with a link to <https://agora.ni4os.eu/>) and 'Configuration Management Database' (with a link to <https://gocdb.ni4os.eu/portal/>). The 'Authentication & Authorisation Infrastructure (AAI) service' section includes a link to 'Integration Guide for Service Providers'.

Thanks!



<https://ni4os.eu/>



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<https://www.facebook.com/NI4OS/>

