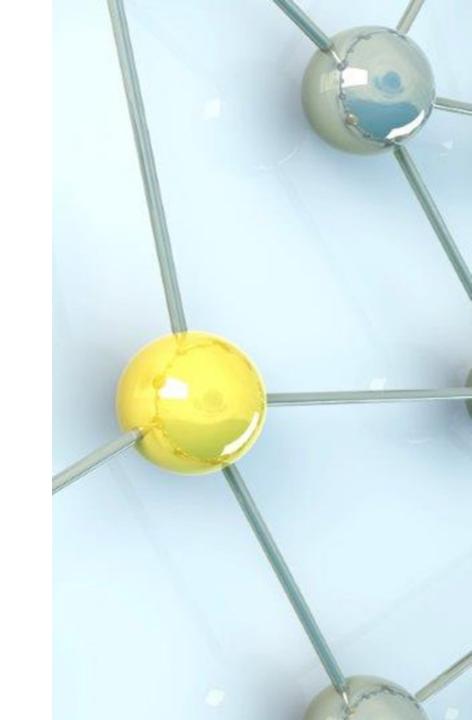


National Initiatives for Open Science in Europe

Pre-production environment and service on-boarding

Kostas Koumantaros, GRNET

National Initiatives for Open Science in Europe – H2020 Research and Innovation action – contract no. 857645

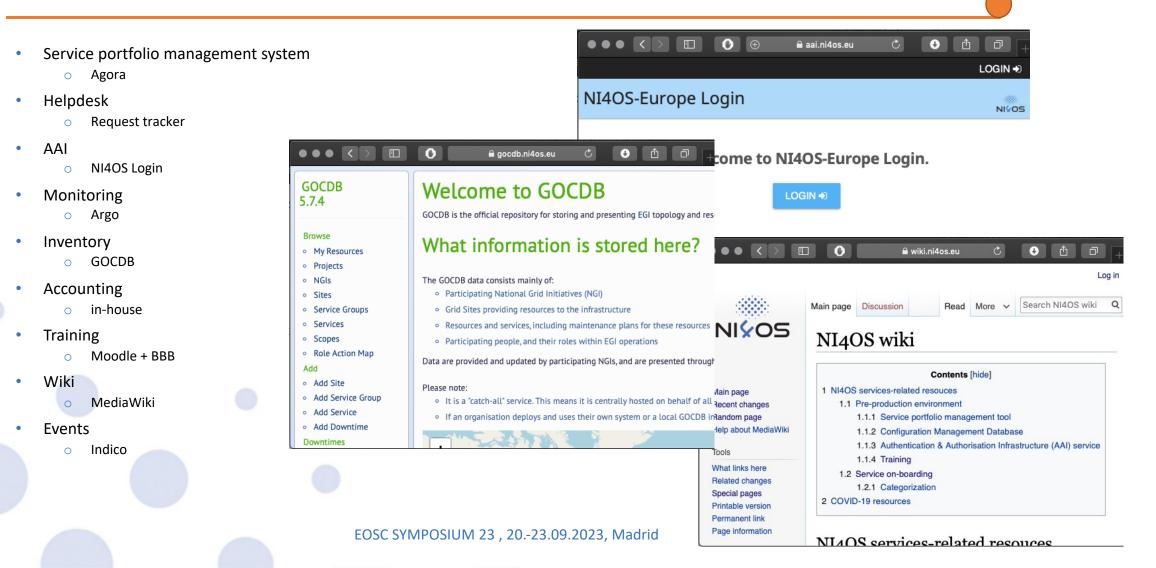




- Why do we need pre-production environment?
- Minimum set of federating services to support integration of the initial set of the regional service into the EOSC
- Environment equilvalent to the EOSC Core
- Essential building blocks that will enable the integration of all the other service in the EOSC ecosystem
- Verify the services before EOSC on-boarding
- Regionally support the service providers through the process
 - Based on the previous expirience of excellent regional cooperation



Technical architecture of the pre-production env.



SPMT

- AGORA system, developed by GRNET
- Hosted by GRNET
- Fully compatible with EOSC catalogues
- Based on the EOSC Service Profiles 4.0

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https://agora.ni4os.eu/



Helpdesk



- OTRS
- Hosted by IPB
- Procedures for registering support channels available on the wiki

https://helpdesk.ni4os.eu/

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EOSC SYMPOSIUM 23, 20.-23.09.2023, Madrid

AAI – NI4OS-Europe Login



- Hosted by GRNET
- Part of eduGAIN
- Dedicated wiki page with the instructions how to integrate services with NI4OS Login
- <u>https://wiki.ni4os.eu/index.php/AAI</u> guide for SPs

https://aai.ni4os.eu/

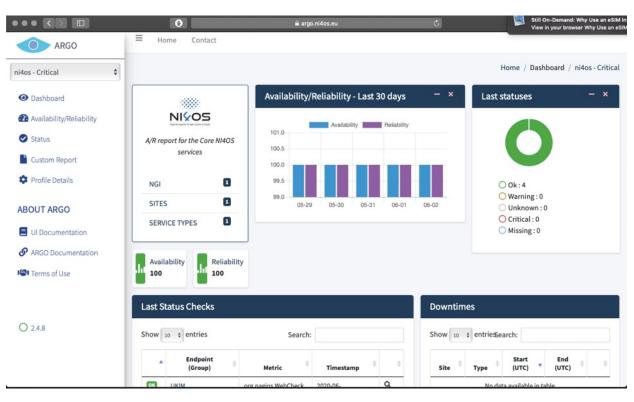
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Monitoring



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

https://argo.ni4os.eu



EOSC SYMPOSIUM 23 , 20.-23.09.2023, Madrid

Accounting



- Developed and hosted by IICT
- Initially accounting for HPC resources
- Extended to support thematic services, repositories and other types of generic services

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Training



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

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f γου contract fermioni		 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 	
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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/

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	Main page Discussion	Read	View source	View history	Search NI4OS wiki		Q
NIXOS	NI4OS wiki						
	Contents [hide]						
Main page	1 NI4OS services-related resouces						
Recent changes Random page	1.1 Pre-production environment 1.1.1 Service portfolio management tool						
Help about MediaWiki	1.1.2 Configuration Management Databas	se					
Tools	1.1.3 Authentication & Authorisation Infra	structure (AAI) service					
What links here	1.1.4 Monitoring service						
Related changes	1.1.5 Training 1.2 Service on-boarding						
Special pages Printable version	1.2.1 Categorization						
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	Pre-production environment						
	Service portfolio management tool						
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	NI4OS SPMT implements SDT v1.2 and it has an	n extensive API available at https://agora.ni4os-europ	pe.eu/api/v2₫.	Migration to	SDT v2.0 is expected to b	e finalized so	on.
	Configuration Management Database						
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	Authentication & Authorisation Infras	structure (AAI) service					
	Integration Guide for Service Providers						

On-boarding

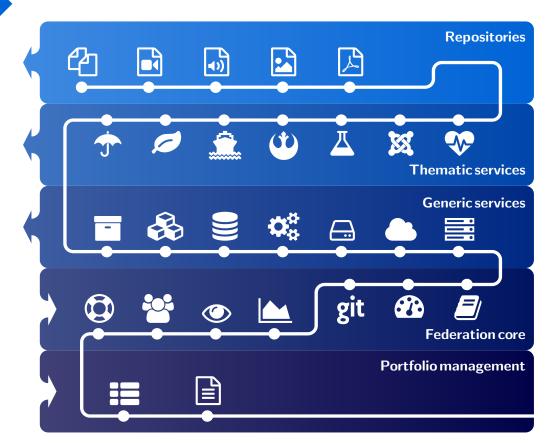


Request for onboarding

Information gathering Integration

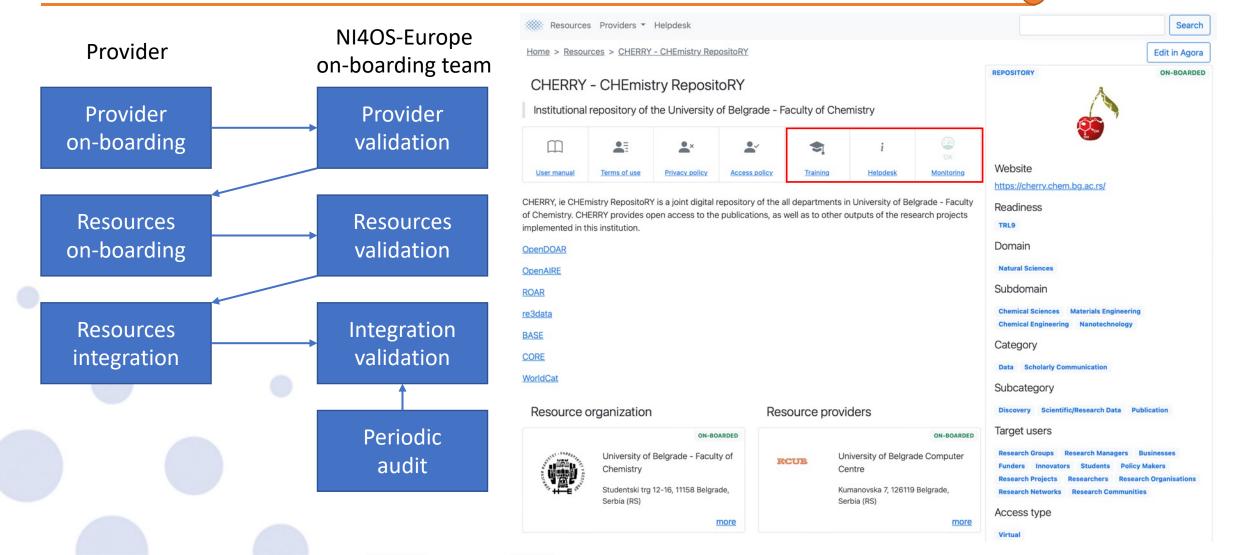
Validation

- on Publication
- Integration with federation core services
- Service categorization
- Onboarding of
 - generic servicesthematic services
 - •repositories



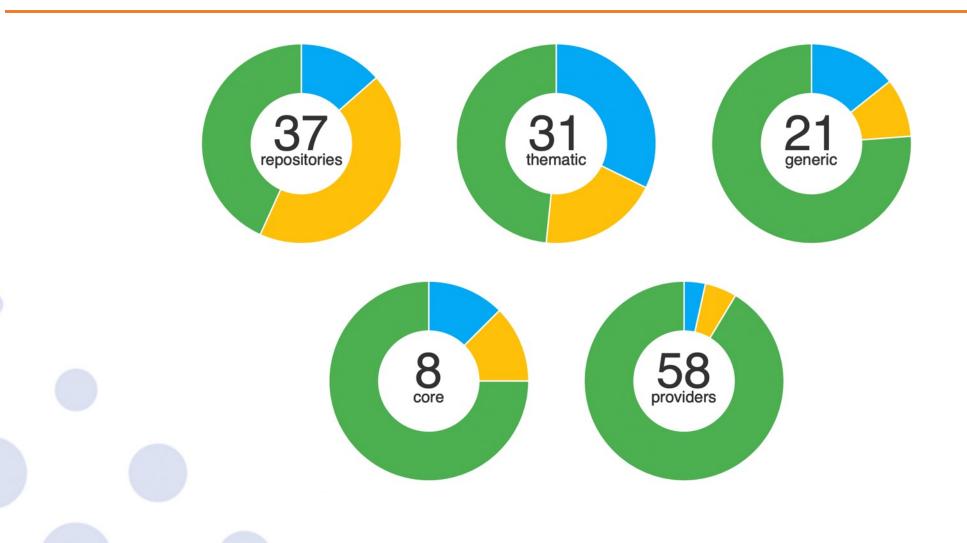
Basic on-boarding workflow: resource integration





Dashboard





Integration with the EOSC marketplace

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EOSC Portal Catalogue Marketplace

NI4OS-Europe AGORA catalogue <u>https://agora.ni4os.eu/</u> Recently on-boarded resources

RIVeC - Repository of the

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Digital Repository of Georgia

Scientific Works

On-boarding dashboard https://catalogue.ni4os.eu/







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