

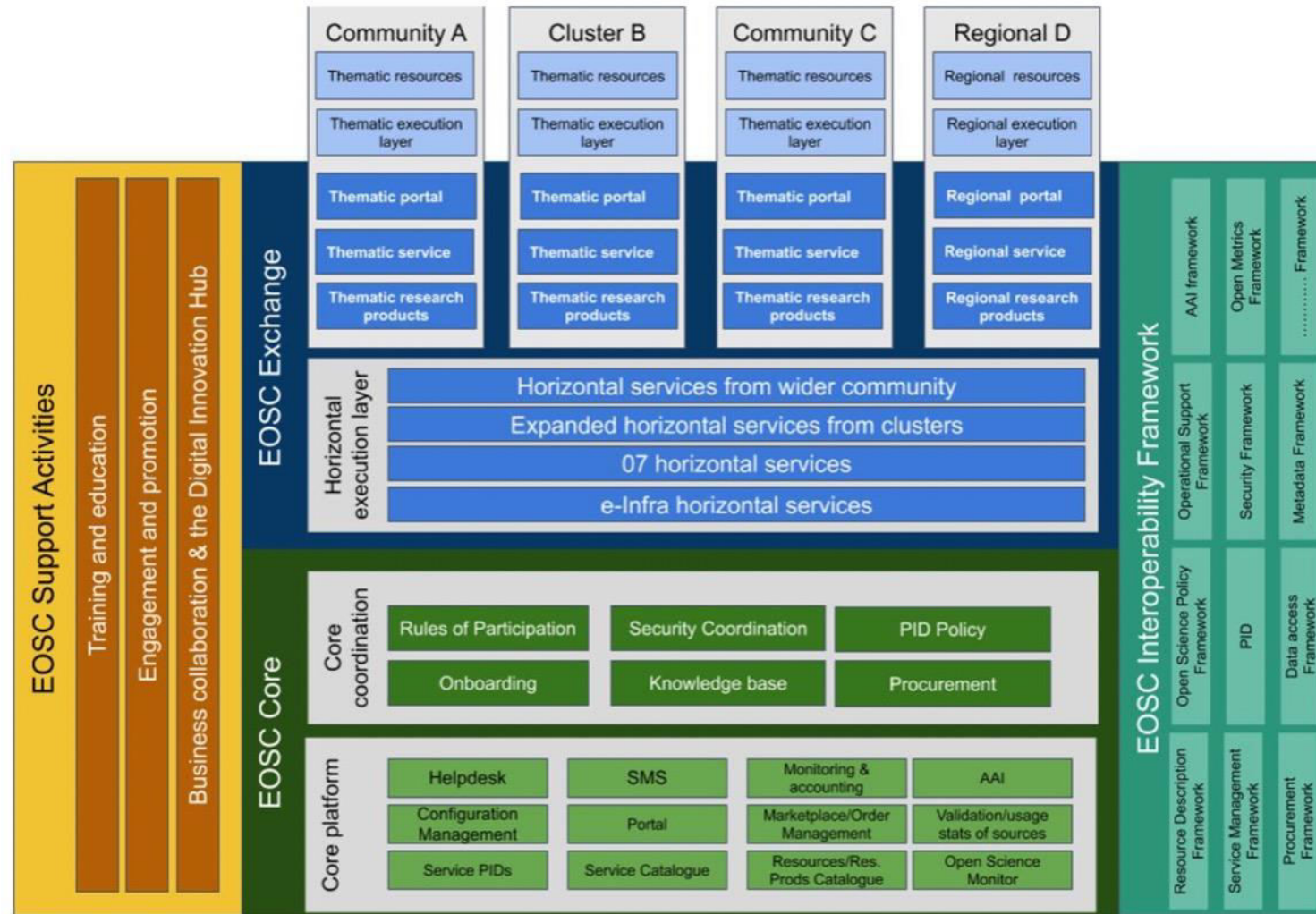
# NI4OS-Europe catalogue and connection to EOSC portal

Open Science Days IV  
4 November 2022

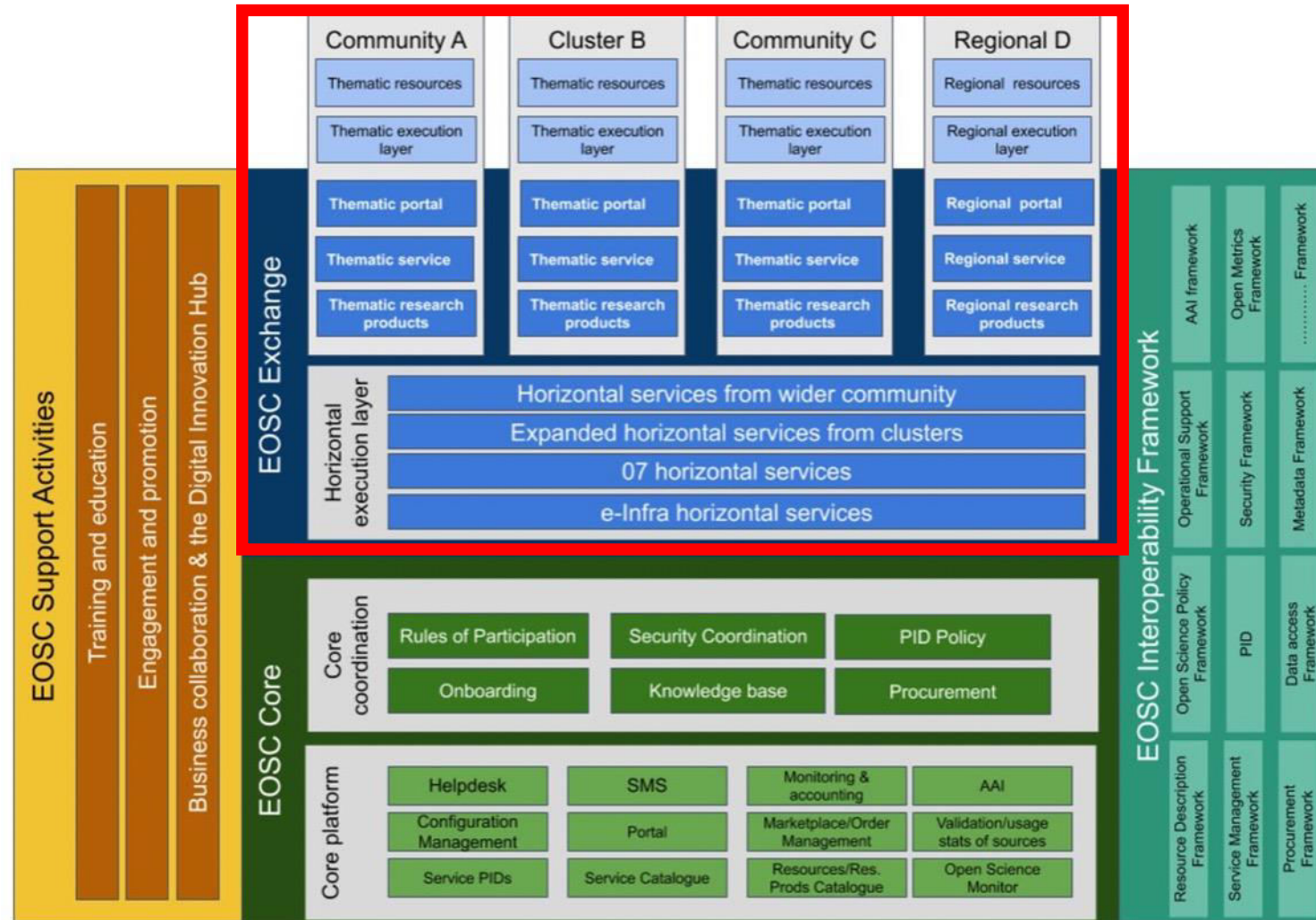
Dusan Vudragovic  
Institute of Physics Belgrade



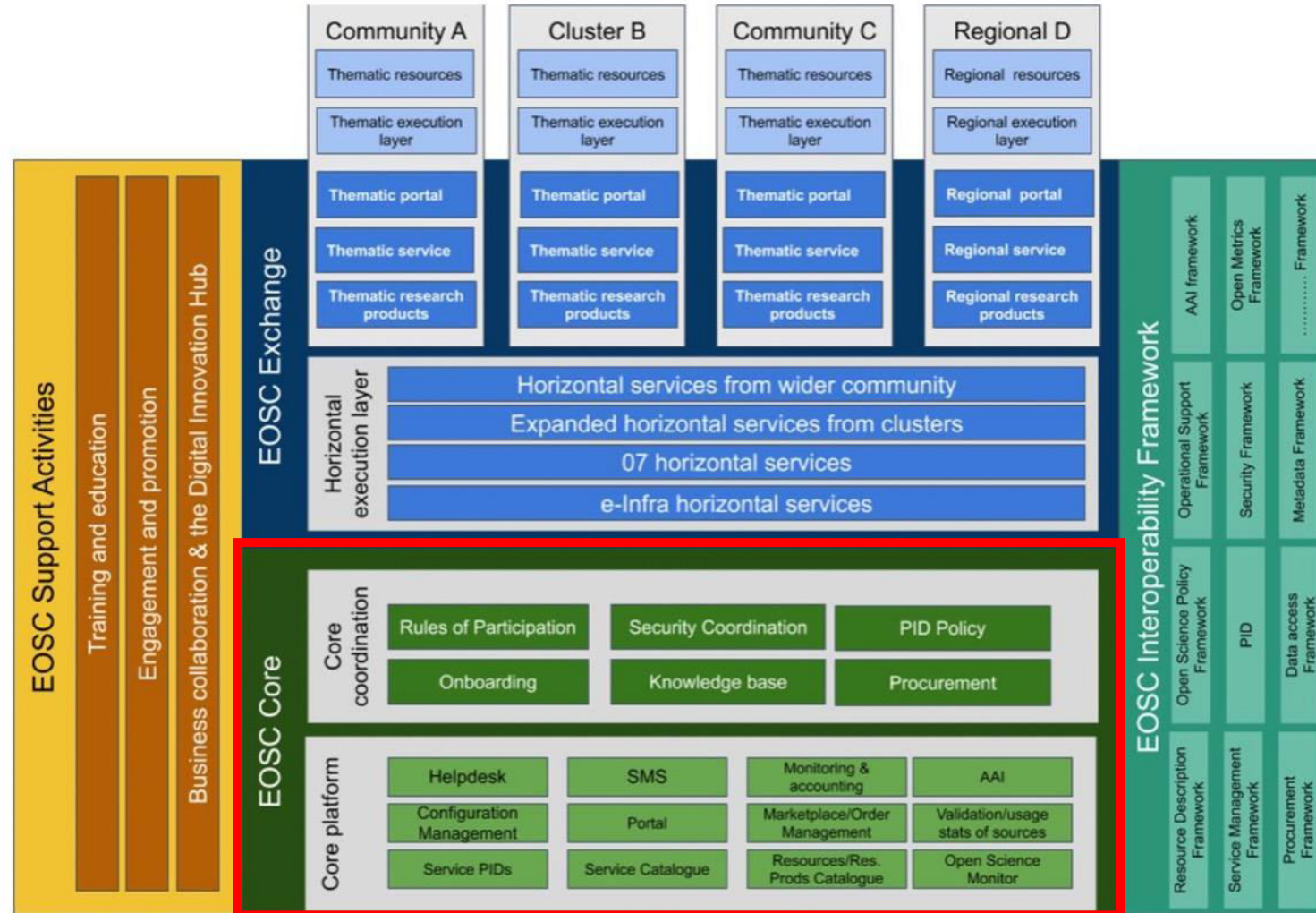
# EOSC architecture



# EOSC architecture: EOSC exchange

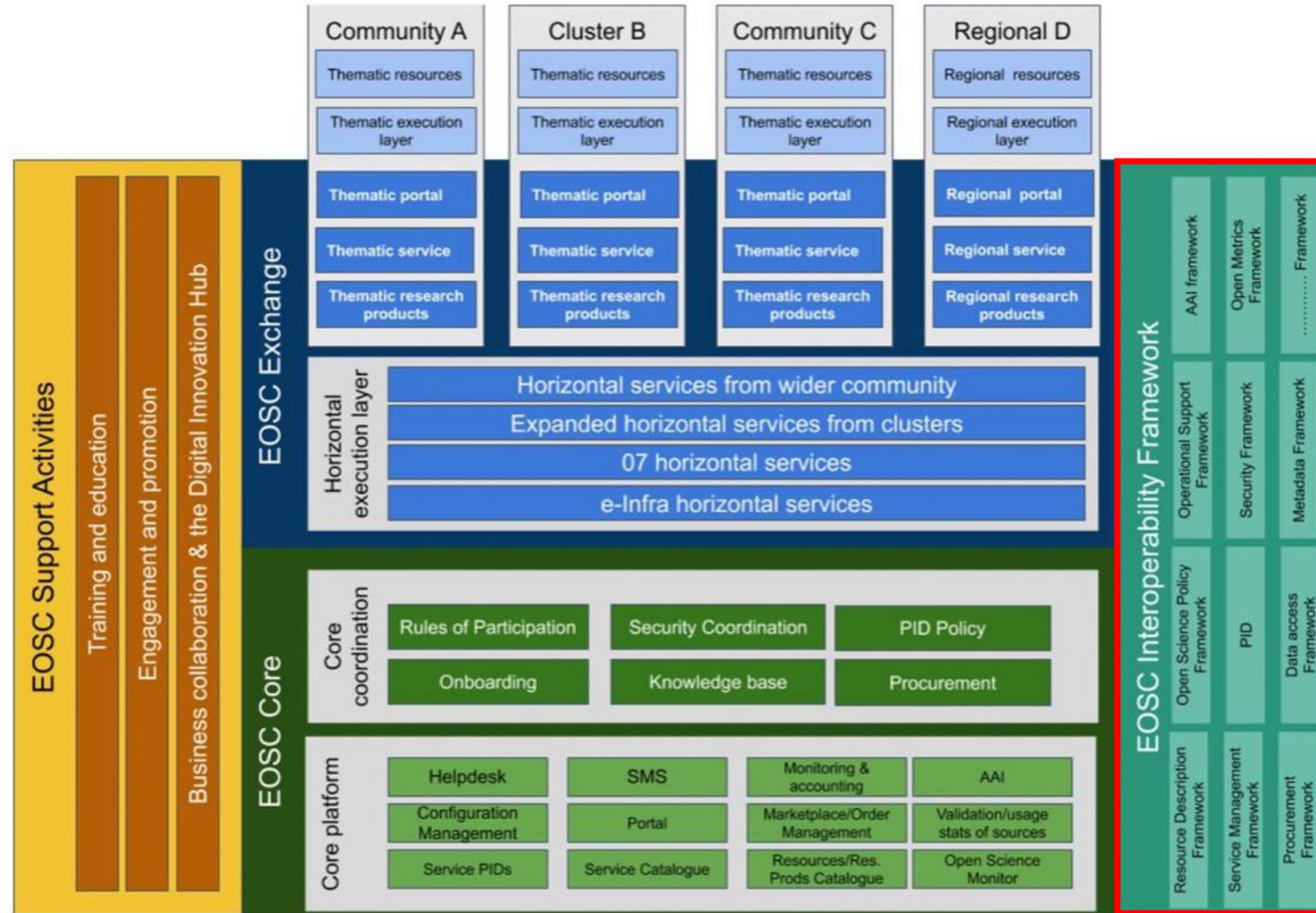


# EOSC architecture: EOSC core

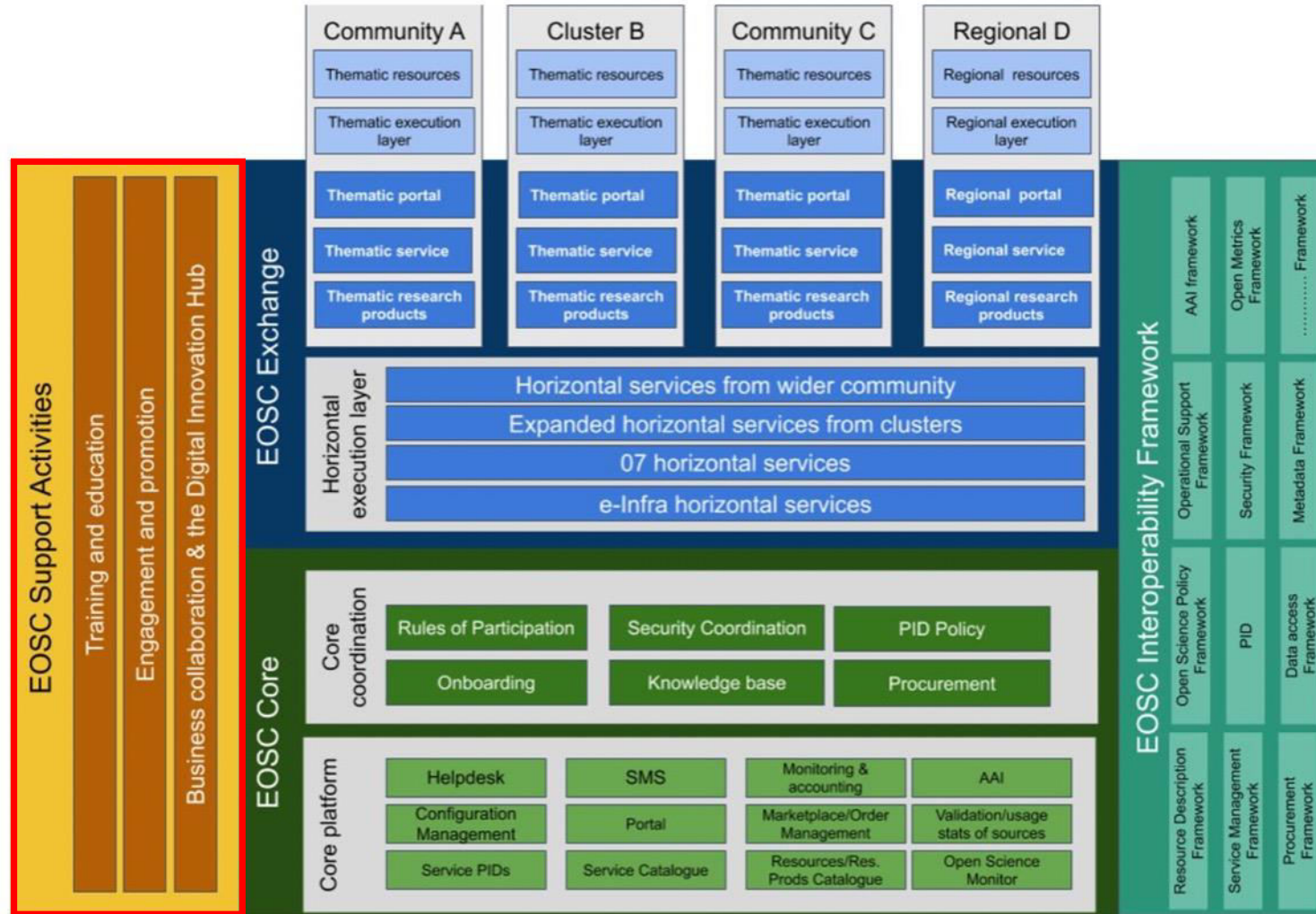




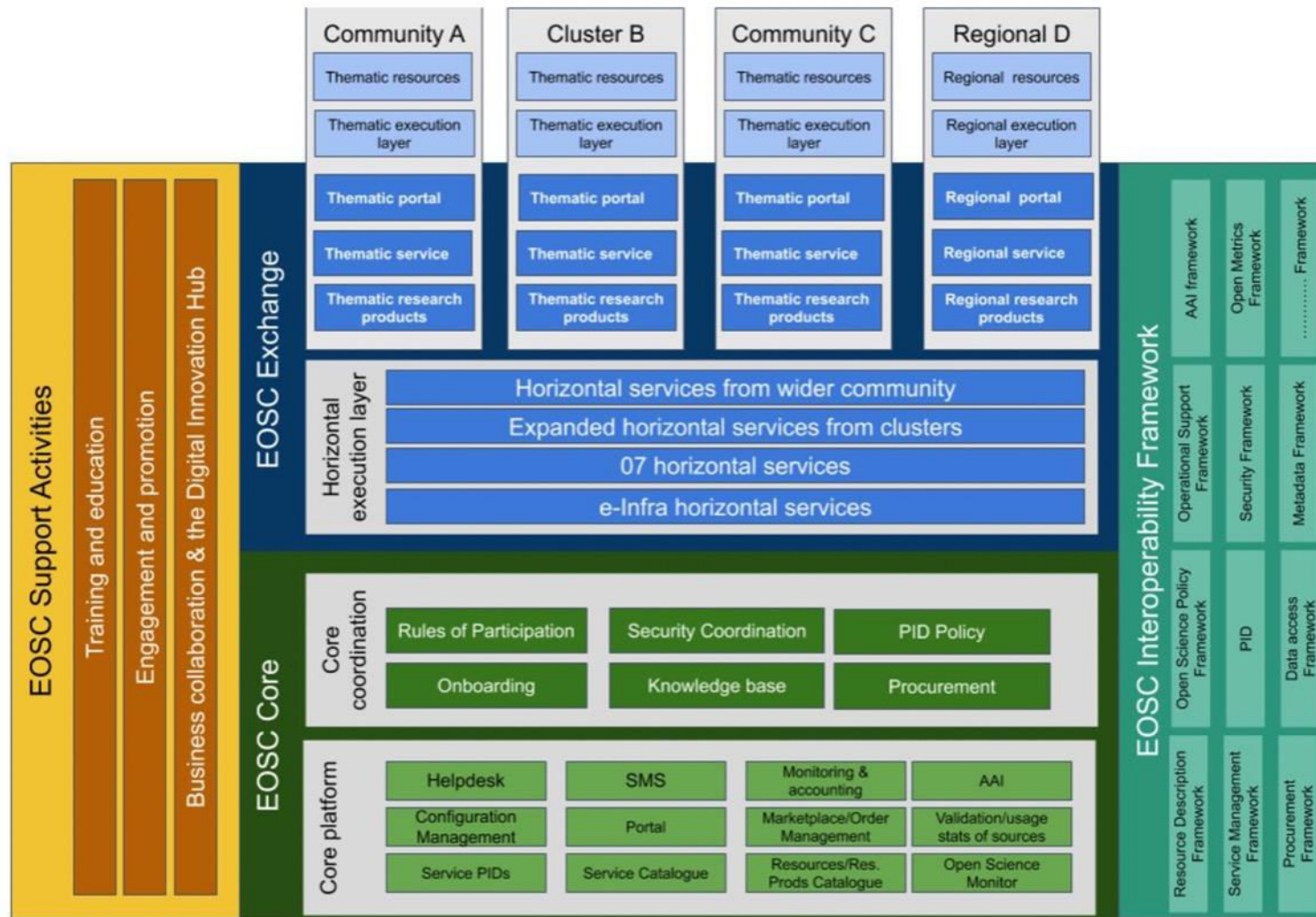
# EOSC architecture: EOSC interoperability framework



# EOSC architecture: EOSC support activities



# What is on-boarding?



# From where to start?

- AGORA catalogue  
<https://agora.ni4os.eu/>



**Providers** CREATE

dusan.vudragovic@gmail.com LOGOUT

Profile  
Resources  
Providers  
Contact Information  
Resource Admins  
Users  
Resource Settings  
Provider Settings  
Classification Settings  
User Settings

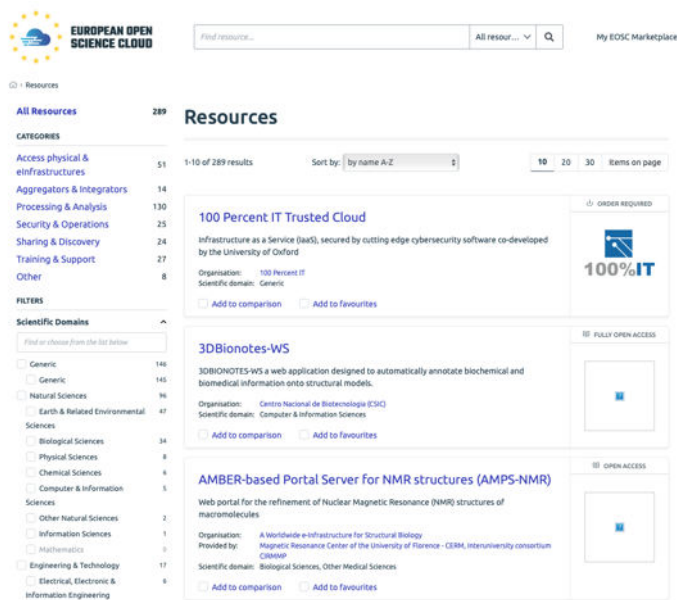
ID	Name	Abbreviation	State	EOSC ID	EOSC State
UoB_IBISS	Institute for Biological Research Siniša Stanković, University of Belgrade	IBISS	Published		
UNIOS-EFOS	J.J. Strossmayer University of Osijek, Faculty of Economics in Osijek	UNIOS EFOS	Published		
IZUM	Institute of Information Science	IZUM	Published		
MTATKDKK	Research Documentation Centre, Centre for Social Sciences of the Hungarian Academy of Sciences	MTA TK KDK	Published		
MRIZP	Maize Research Institute Zemun Polje	MRIZP	Published		
IICT-BAS	Institute of Information and Communication Technologies, Bulgarian Academy of Sciences	IICT-BAS	Published		
IAUS	Institute of Architecture and Urban and Spatial Planning of Serbia	IAUS	Published		
UoB_FCUB	University of Belgrade - Faculty of Chemistry	FCUB	Published		
UoB_FCE	University of Belgrade - Faculty of Civil Engineering	FCE	Published		
UoB_FSS	University of Belgrade - Faculty of Security Studies	FSSUB	Published		

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grnet European Union  
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# Integration with the EOSC marketplace



Find resource... All resour... Q My EOSC Marketplace

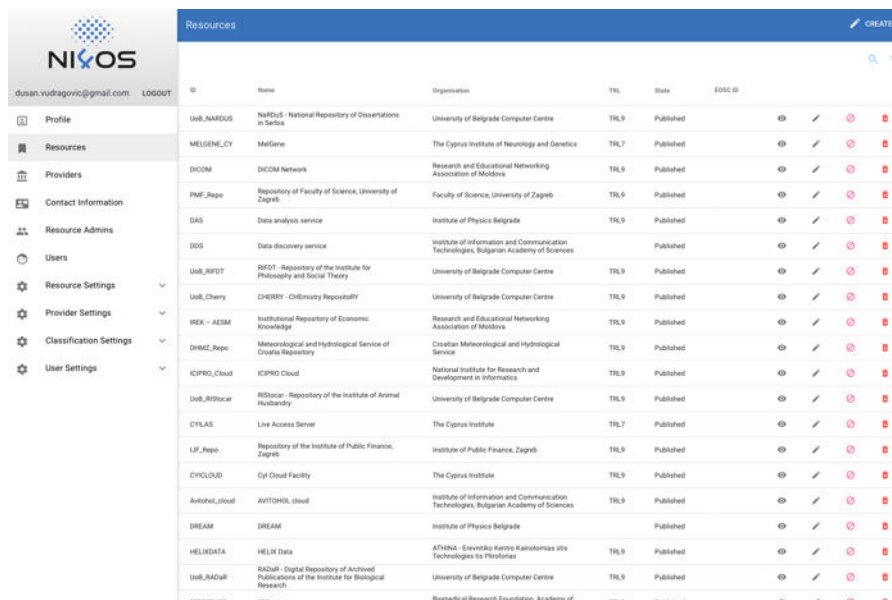
Resources

1-10 of 289 results Sort by: by name A-Z 10 20 30 Items on page

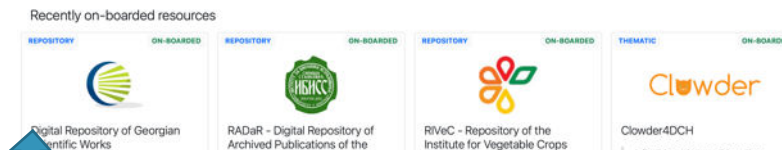
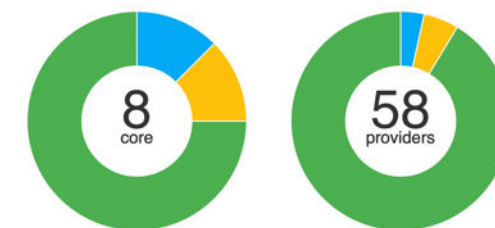
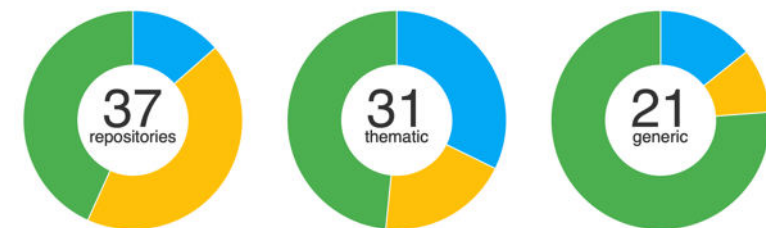
**100 Percent IT Trusted Cloud**  
Infrastructure as a Service (IaaS), secured by cutting edge cybersecurity software co-developed by the University of Oxford

**3DBionotes-WS**  
3DBIONOTES-WS is a web application designed to automatically annotate biochemical and biomedical information onto structural models.

**AMBER-based Portal Server for NMR structures (AMPS-NMR)**  
Web portal for the refinement of Nuclear Magnetic Resonance (NMR) structures of macromolecules



ID	Name	Organization	TRL	State	EOSC ID
UdR_NAMOUS	NaRDUS - National Repository of Dissertations in Serbia	University of Belgrade Computer Centre	TRL9	Published	
MELBENE_CV	MeGene	The Cyprus Institute of Neurology and Genetics	TRL7	Published	
DICOM	DICOM Network	Research and Educational Networking Association of Moldova	TRL9	Published	
PMF_Repo	Repository of Faculty of Science, University of Zagreb	Faculty of Science, University of Zagreb	TRL9	Published	
DAG	Data analysis service	Institute of Physics Belgrade	TRL9	Published	
DDS	Data discovery service	Institute of Information and Communication Technologies, Bulgarian Academy of Sciences		Published	
UdR_RFOT	RFOT - Repository of the Institute for Philosophy and Social Theory	University of Belgrade Computer Centre	TRL9	Published	
UdR_Cherry	CHERRY - Chemistry Repository	University of Belgrade Computer Centre	TRL9	Published	
IREK - AEDM	Institutional Repository of Economic Knowledge	Research and Educational Networking Association of Moldova	TRL9	Published	
DHMZ_Repo	Meteorological and Hydrological Service of Croatia Repository	Croatian Meteorological and Hydrological Service	TRL9	Published	
ICPRO_Cloud	ICPRO Cloud	National Institute for Research and Development in Informatics	TRL9	Published	
UdR_Ribiscar	Ribiscar - Repository of the Institute of Animal Husbandry	University of Belgrade Computer Centre	TRL9	Published	
CYLAS	Live Access Server	The Cyprus Institute	TRL7	Published	
LIF_Repo	Repository of the Institute of Public Finance, Zagreb	Institute of Public Finance, Zagreb	TRL9	Published	
CYCLOUD	Cyl Cloud Facility	The Cyprus Institute	TRL9	Published	
Autobot_Cloud	AVITDHCL cloud	Institute of Information and Communication Technologies, Bulgarian Academy of Sciences	TRL9	Published	
DREAM	DREAM	Institute of Physics Belgrade		Published	
HELIXDATA	HELIX Data	ATHENA - Eleni&ko Karro Karavotomas vits Technologies via Piroussa	TRL9	Published	
UdR_RADAR	RADAR - Digital Repository of Archived Publications of the Institute for Biological Research	University of Belgrade Computer Centre	TRL9	Published	
FEPREPARE	FEPrepares	BioMedical Research Foundation, Academy of Athens	TRL9	Published	



Recently on-boarded resources

- REPOSITORY ON-BOARDED: Digital Repository of Georgian Scientific Works
- REPOSITORY ON-BOARDED: RADAR - Digital Repository of Archived Publications of the
- REPOSITORY ON-BOARDED: RIVEC - Repository of the Institute for Vegetable Crops
- THEMATIC ON-BOARDED: Clowder Clowder4DCH

EOSC Portal Catalogue & Marketplace

<https://marketplace.eosc-portal.eu/>

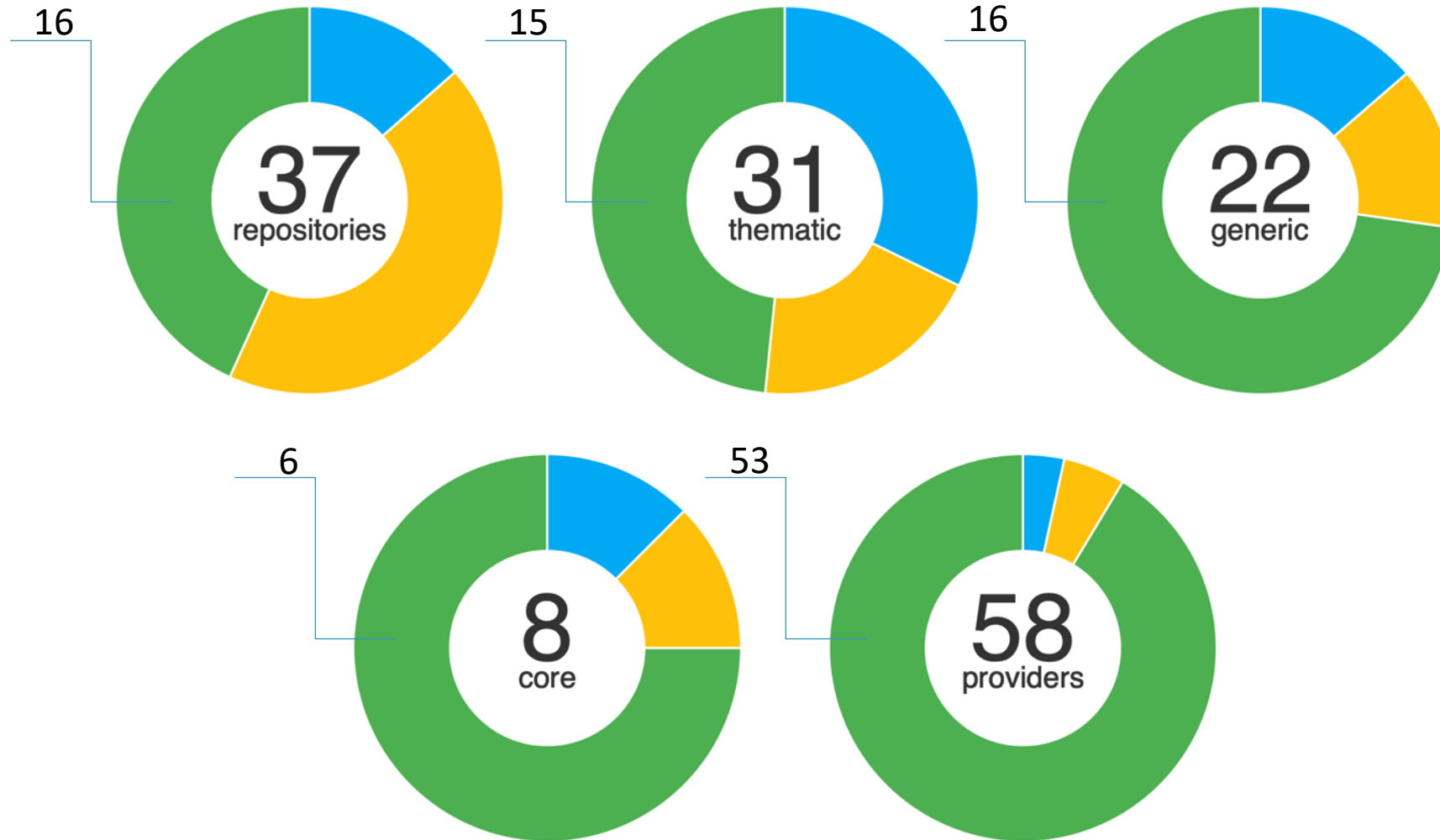
NI4OS-Europe AGORA catalogue

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

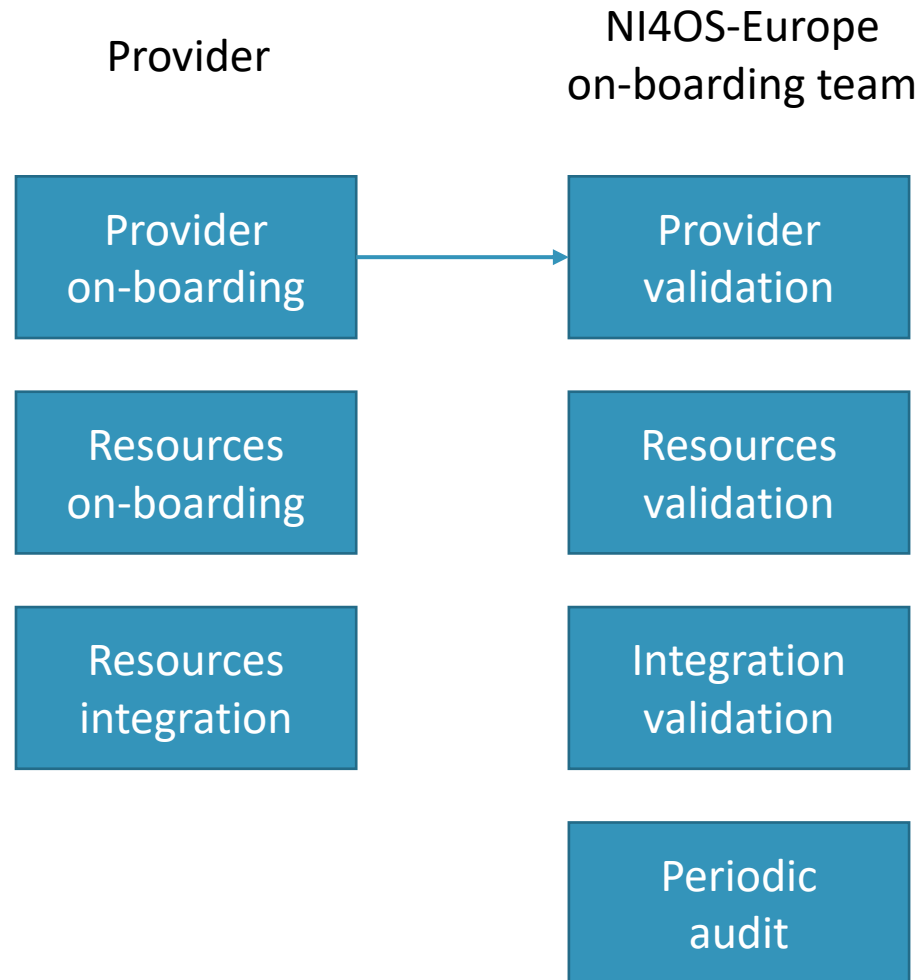
NI4OS-Europe On-boarding dashboard

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

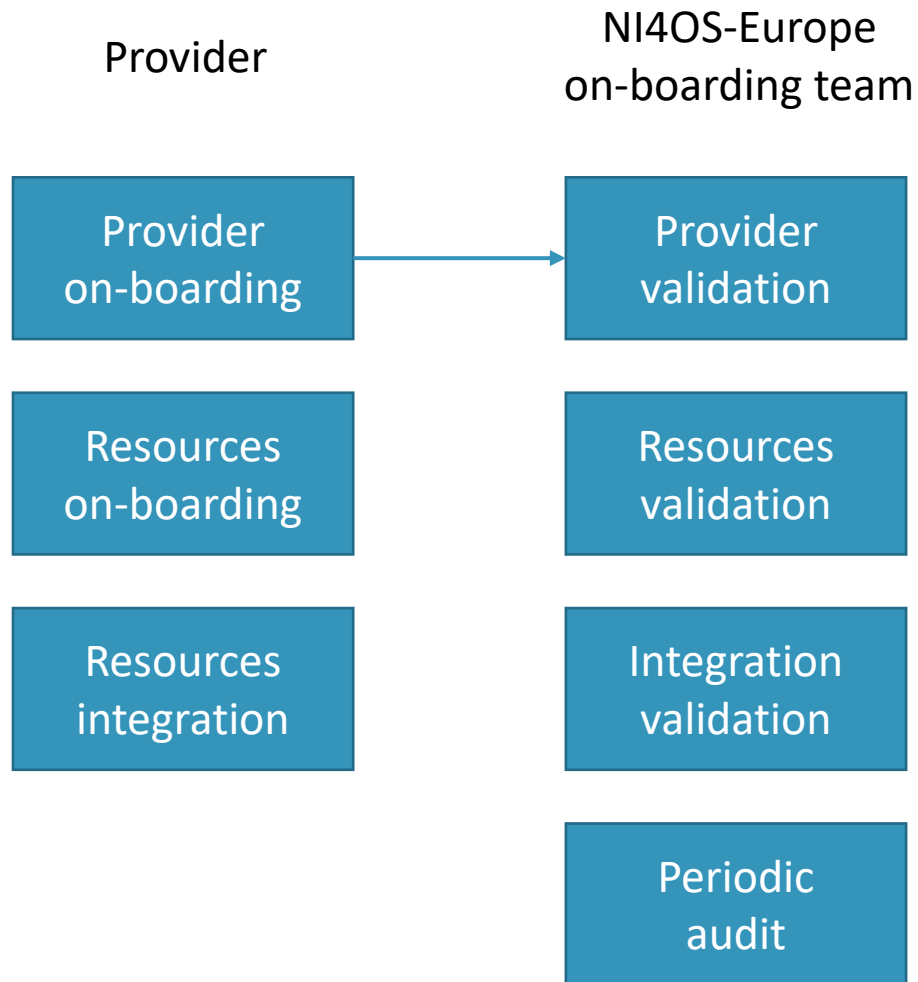
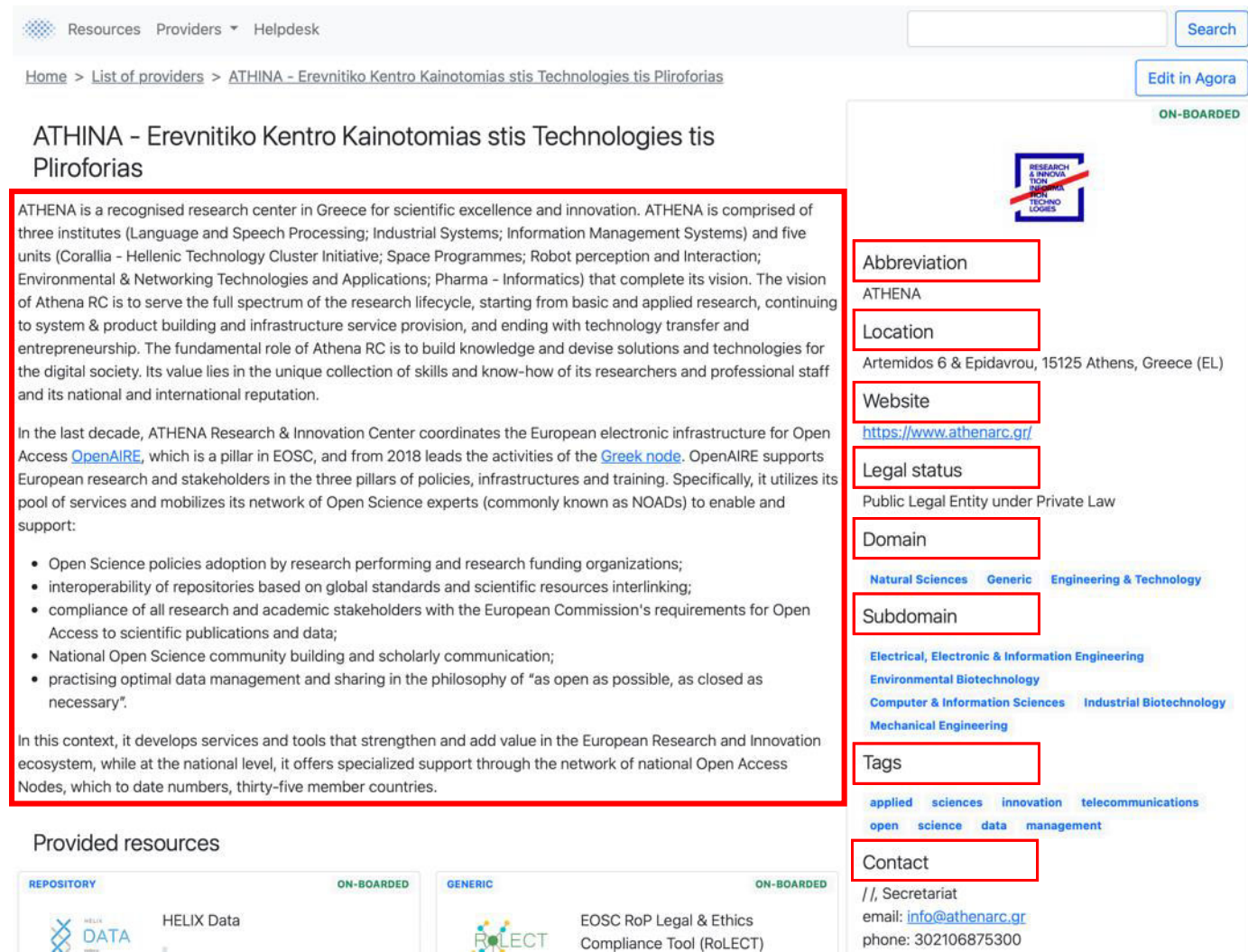
# Available resources



# Basic on-boarding workflow



# Basic on-boarding workflow: provider registration

Resources Providers Helpdesk

Home > List of providers > ATHINA - Erevnitiko Kentro Kainotomias stis Technologies tis Pliroforias

## ATHINA - Erevnitiko Kentro Kainotomias stis Technologies tis Pliroforias



ATHENA is a recognised research center in Greece for scientific excellence and innovation. ATHENA is comprised of three institutes (Language and Speech Processing; Industrial Systems; Information Management Systems) and five units (Corallia - Hellenic Technology Cluster Initiative; Space Programmes; Robot perception and Interaction; Environmental & Networking Technologies and Applications; Pharma - Informatics) that complete its vision. The vision of Athena RC is to serve the full spectrum of the research lifecycle, starting from basic and applied research, continuing to system & product building and infrastructure service provision, and ending with technology transfer and entrepreneurship. The fundamental role of Athena RC is to build knowledge and devise solutions and technologies for the digital society. Its value lies in the unique collection of skills and know-how of its researchers and professional staff and its national and international reputation.

In the last decade, ATHENA Research & Innovation Center coordinates the European electronic infrastructure for Open Access [OpenAIRE](#), which is a pillar in EOOSC, and from 2018 leads the activities of the [Greek node](#). OpenAIRE supports European research and stakeholders in the three pillars of policies, infrastructures and training. Specifically, it utilizes its pool of services and mobilizes its network of Open Science experts (commonly known as NOADS) to enable and support:

- Open Science policies adoption by research performing and research funding organizations;
- interoperability of repositories based on global standards and scientific resources interlinking;
- compliance of all research and academic stakeholders with the European Commission's requirements for Open Access to scientific publications and data;
- National Open Science community building and scholarly communication;
- practising optimal data management and sharing in the philosophy of "as open as possible, as closed as necessary".

In this context, it develops services and tools that strengthen and add value in the European Research and Innovation ecosystem, while at the national level, it offers specialized support through the network of national Open Access Nodes, which to date numbers, thirty-five member countries.

**Provided resources**

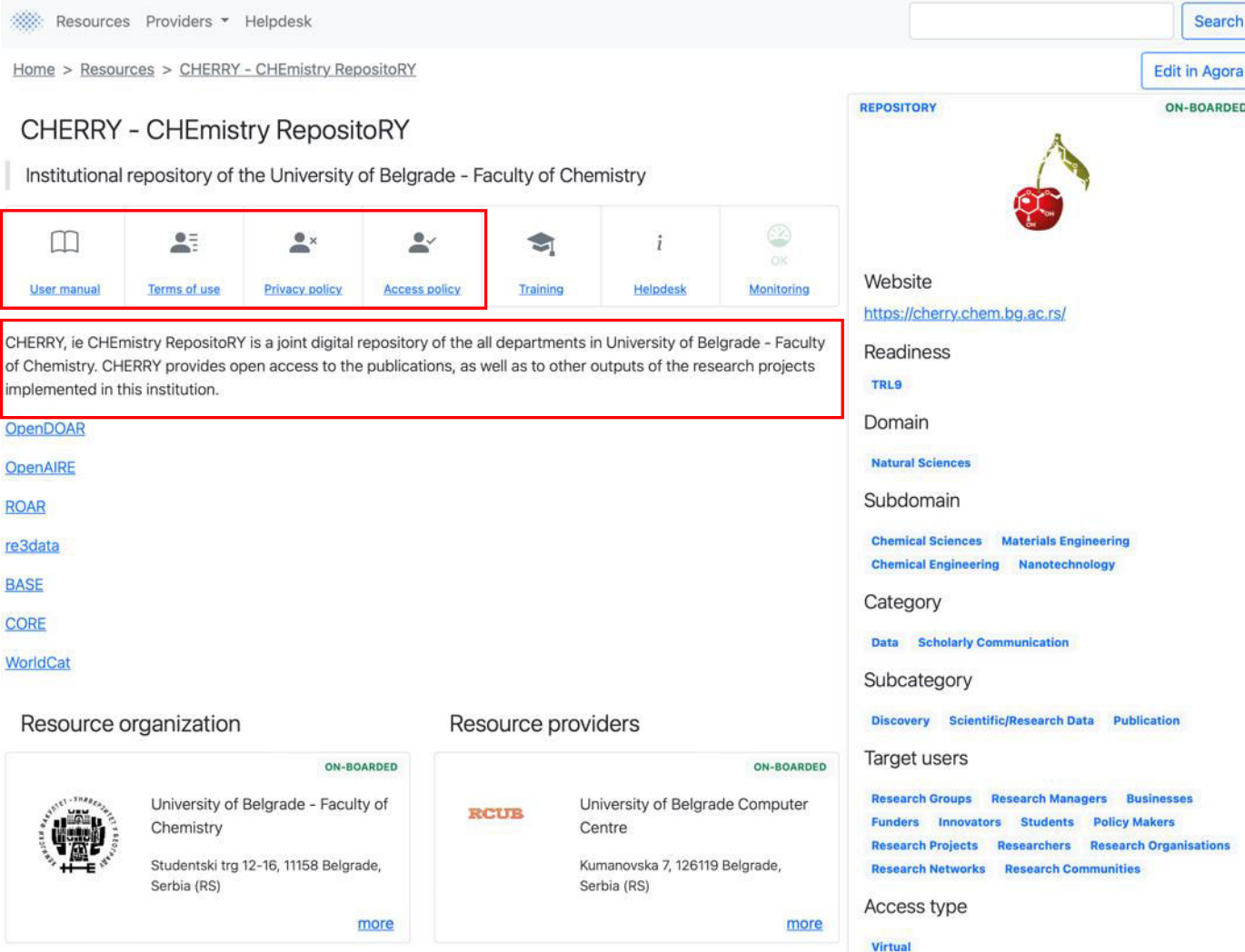
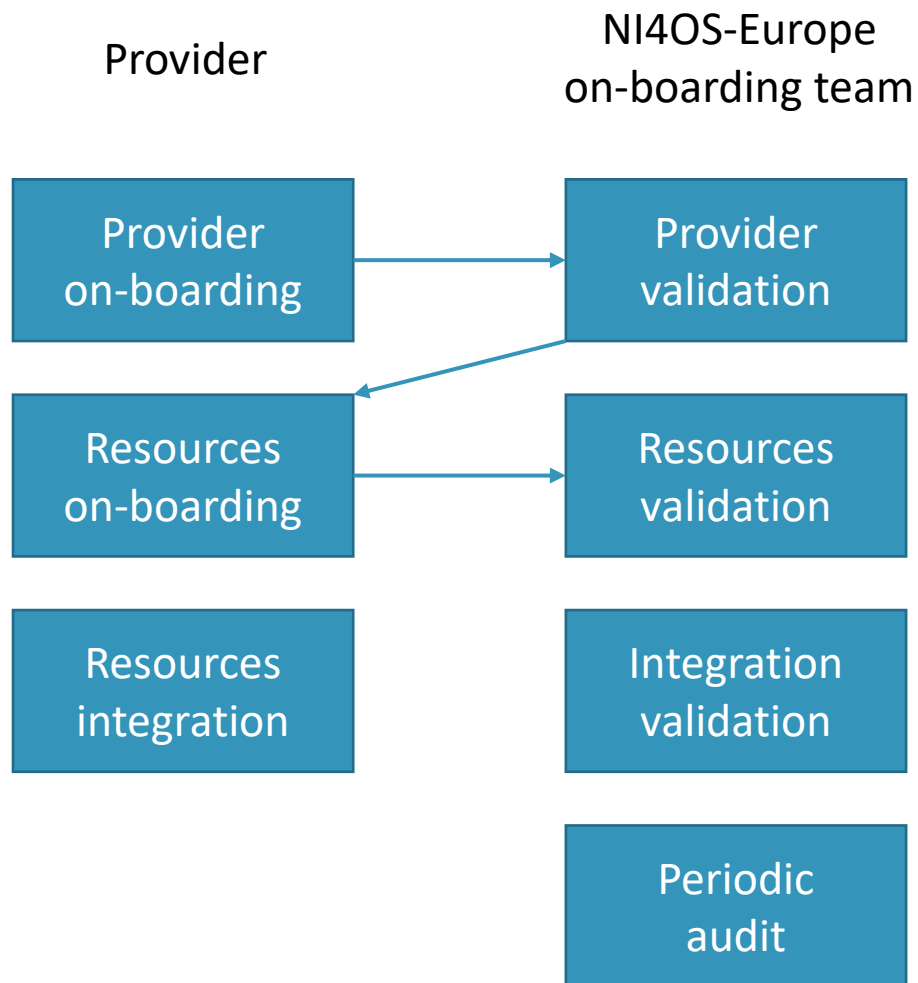
REPOSITORY	ON-BOARDED	GENERIC	ON-BOARDED
 HELIX Data		 RoLECT	
			EOOSC RoP Legal & Ethics Compliance Tool (RoLECT)

**Metadata:**

- Abbreviation: ATHENA
- Location: Artemidos 6 & Epidavrou, 15125 Athens, Greece (EL)
- Website: <https://www.athenarc.gr/>
- Legal status: Public Legal Entity under Private Law
- Domain: [athenarc.gr](#)
- Subdomain: [athenarc.gr](#)
- Tags: applied sciences innovation telecommunications open science data management
- Contact: //, Secretariat; email: [info@athenarc.gr](mailto:info@athenarc.gr); phone: 302106875300



# Basic on-boarding workflow: resource registration



Resources Providers Helpdesk

Home > Resources > CHERRY - CHEmistry Repository

## CHERRY - CHEmistry Repository

Institutional repository of the University of Belgrade - Faculty of Chemistry

User manual Terms of use Privacy policy Access policy Training Helpdesk Monitoring

CHERRY, ie CHEmistry Repository is a joint digital repository of the all departments in University of Belgrade - Faculty of Chemistry. CHERRY provides open access to the publications, as well as to other outputs of the research projects implemented in this institution.

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[ROAR](#)  
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Resource organization **ON-BOARDED**

University of Belgrade - Faculty of Chemistry  
Studentski trg 12-16, 11158 Belgrade, Serbia (RS)  
[more](#)

Resource providers **ON-BOARDED**

**RCUB** University of Belgrade Computer Centre  
Kumanovska 7, 126119 Belgrade, Serbia (RS)  
[more](#)

REPOSITORY **ON-BOARDED**

Website  
<https://cherry.chem.bg.ac.rs/>

Readiness  
**TRL9**

Domain  
**Natural Sciences**

Subdomain  
**Chemical Sciences Materials Engineering  
Chemical Engineering Nanotechnology**

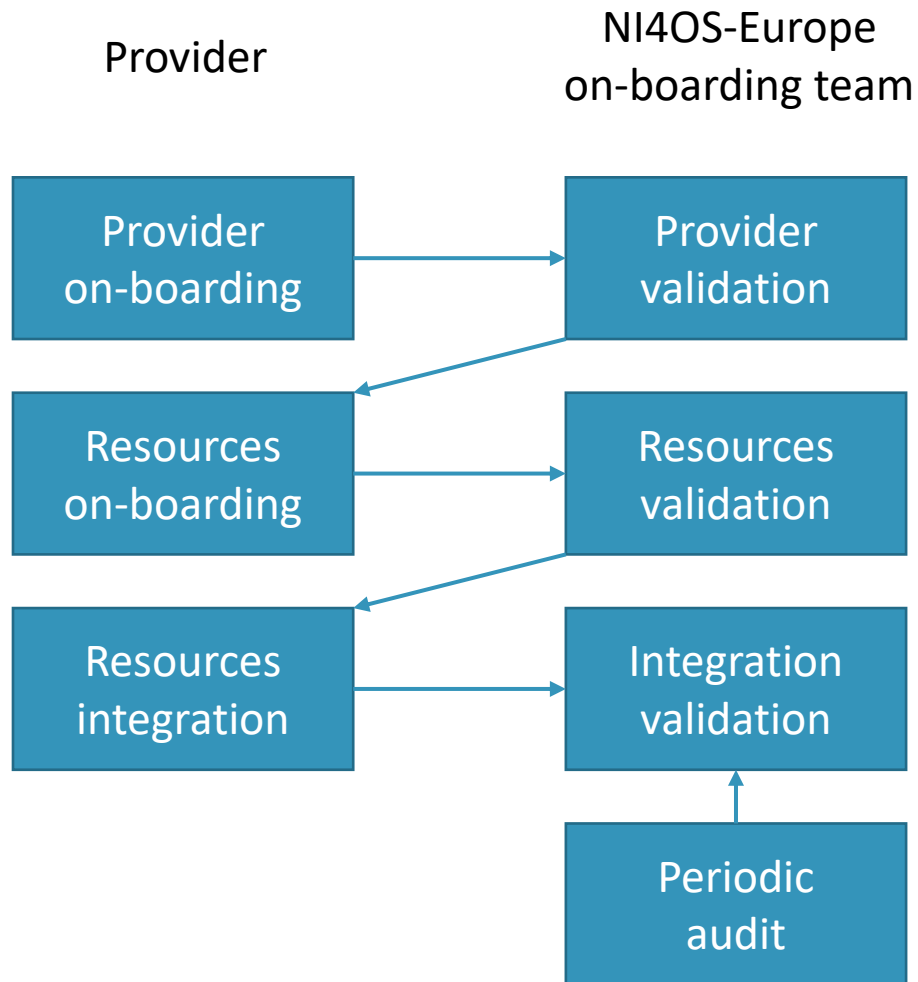
Category  
**Data Scholarly Communication**

Subcategory  
**Discovery Scientific/Research Data Publication**

Target users  
**Research Groups Research Managers Businesses  
Funders Innovators Students Policy Makers  
Research Projects Researchers Research Organisations  
Research Networks Research Communities**

Access type  
**Virtual**

# Basic on-boarding workflow: resource integration



Resources Providers Helpdesk

Home > Resources > CHERRY - CHEmistry Repository

CHERRY - CHEmistry Repository

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Domain