

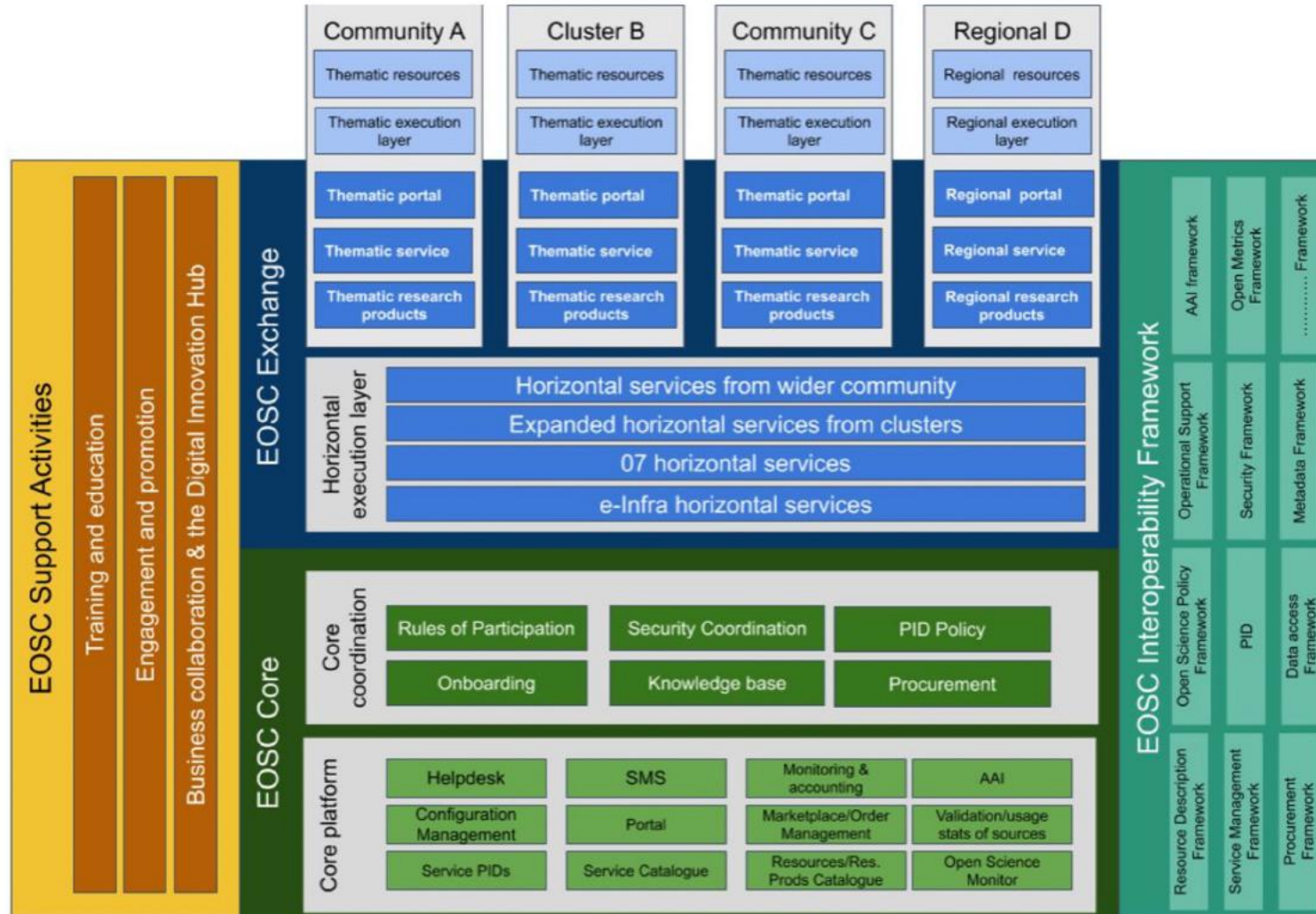
Service on-boarding: NI4OS-Europe & EOSC

The Future of EOSC
6 Jun 2022

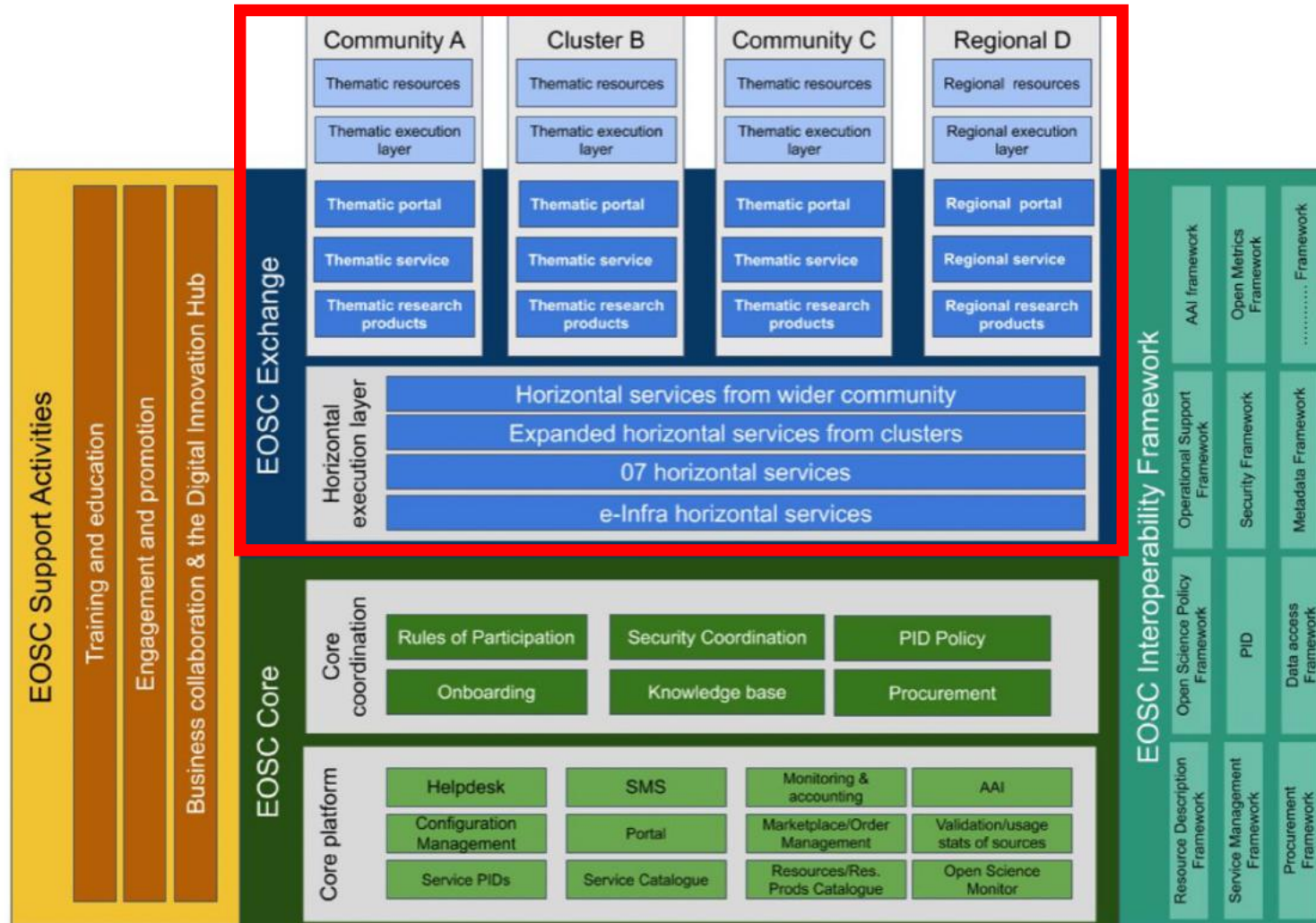
Dusan Vudragovic
Institute of Physics Belgrade



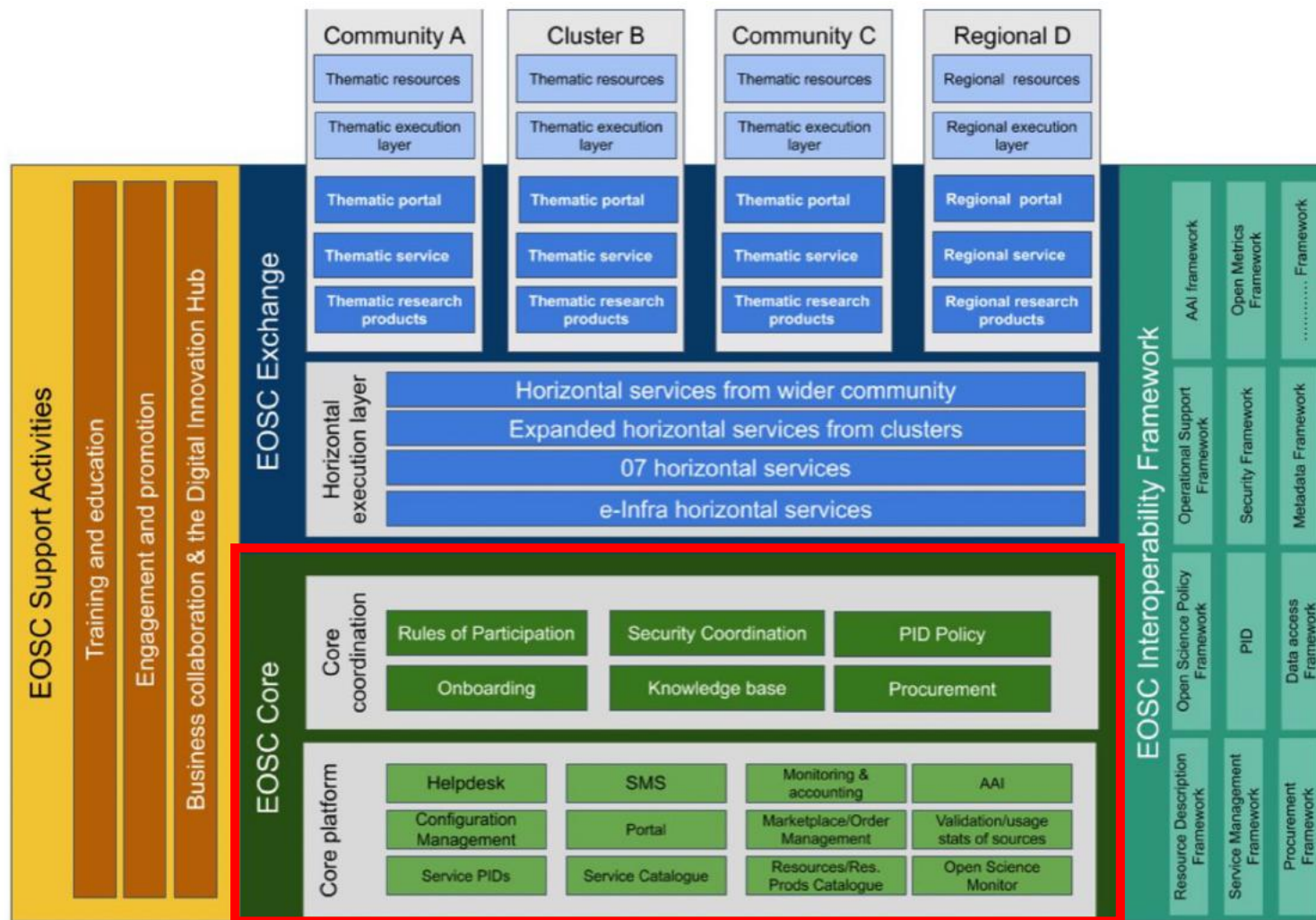
EOSC architecture



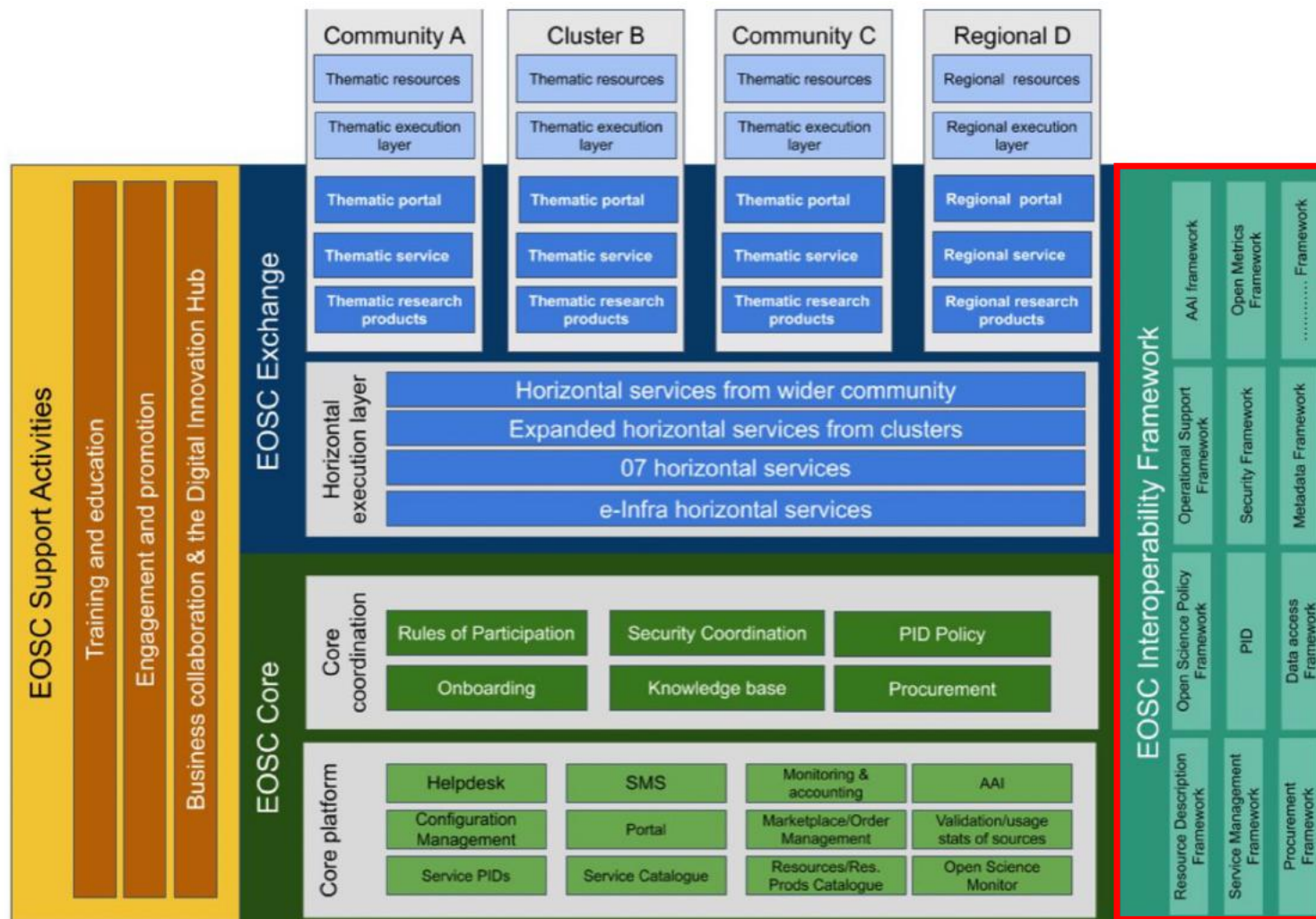
EOSC architecture: EOSC exchange



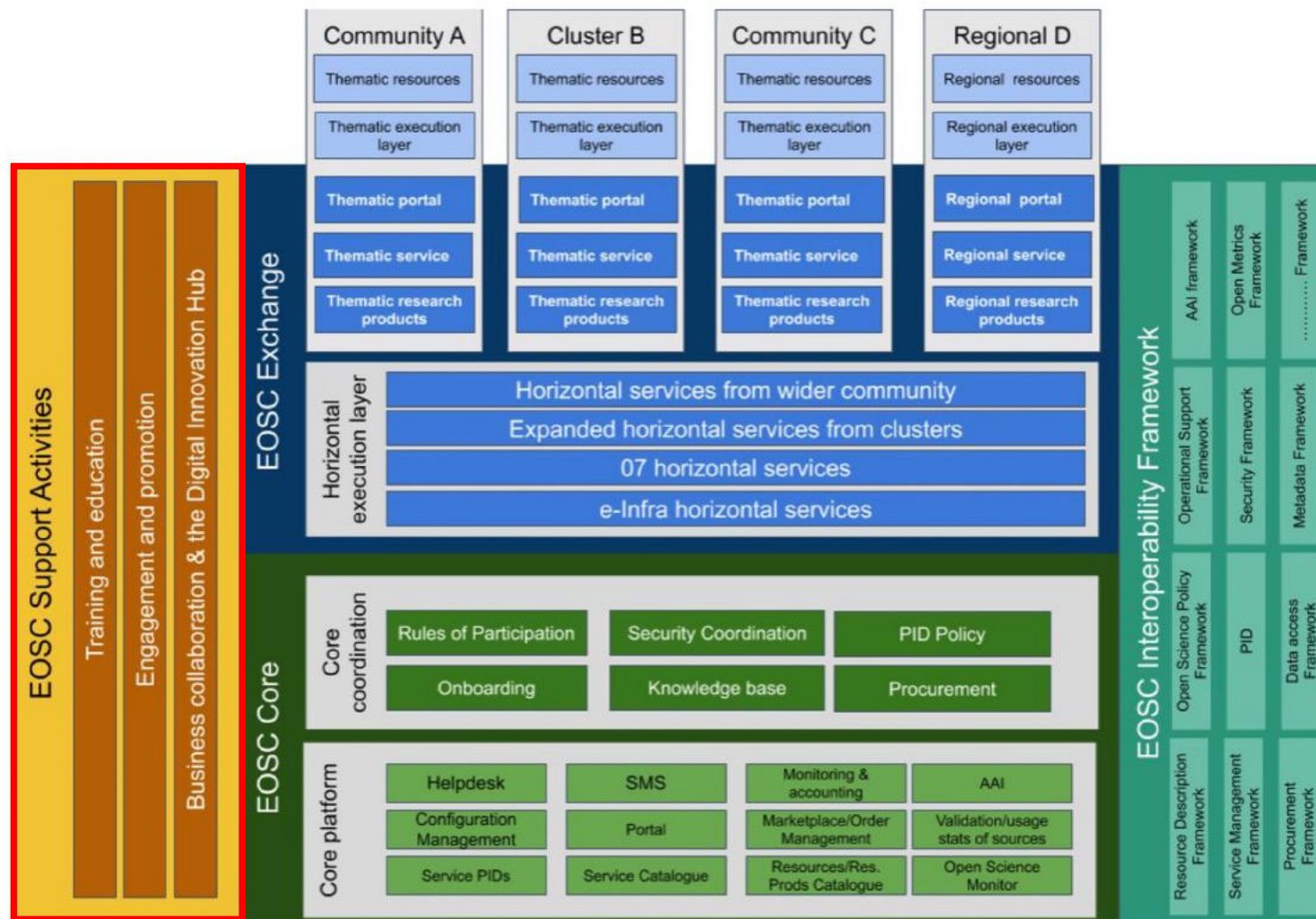
EOSC architecture: EOSC core



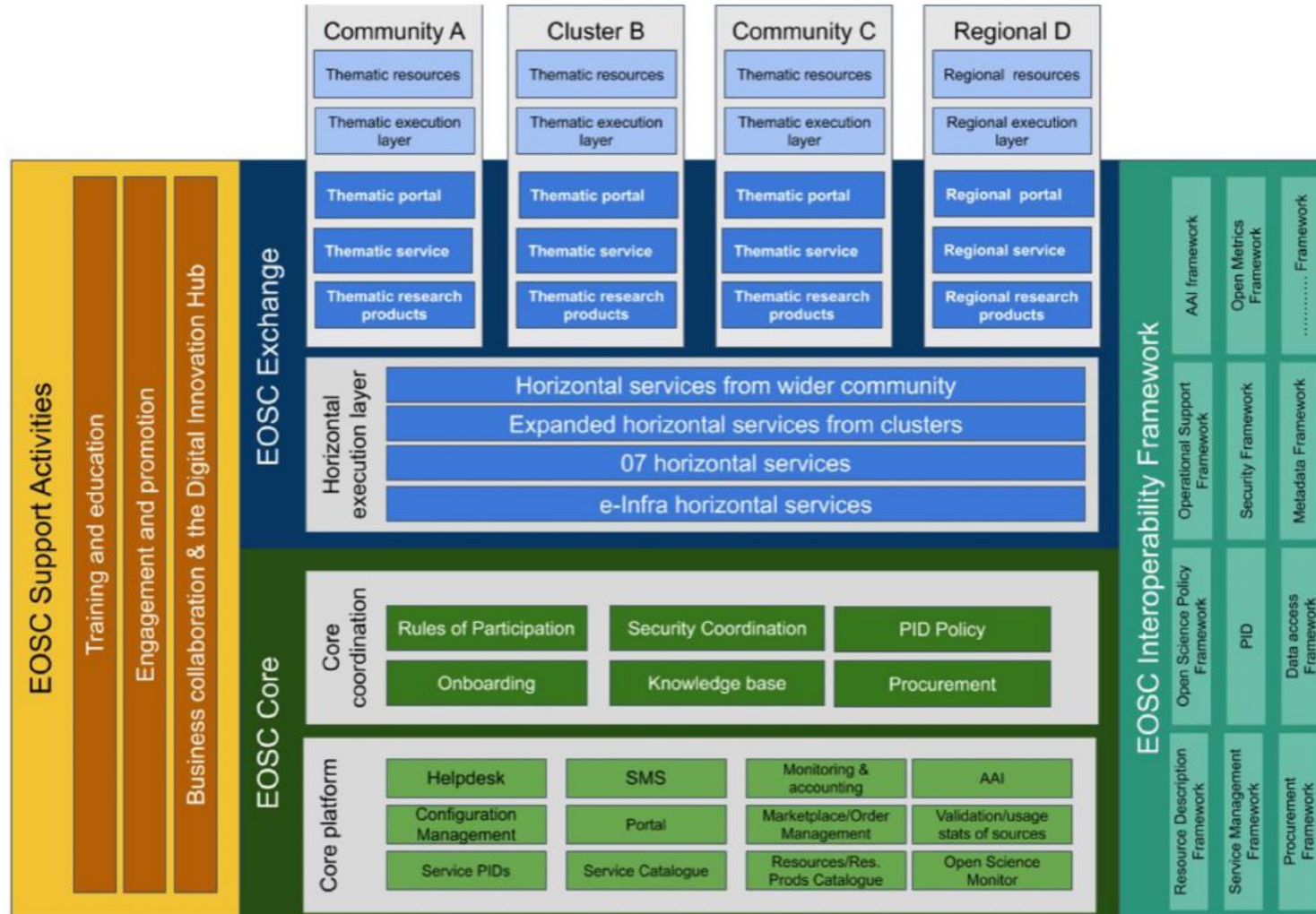
EOSC architecture: EOSC interoperability framework



EOSC architecture: EOSC support activities



What is on-boarding?



From where to start?

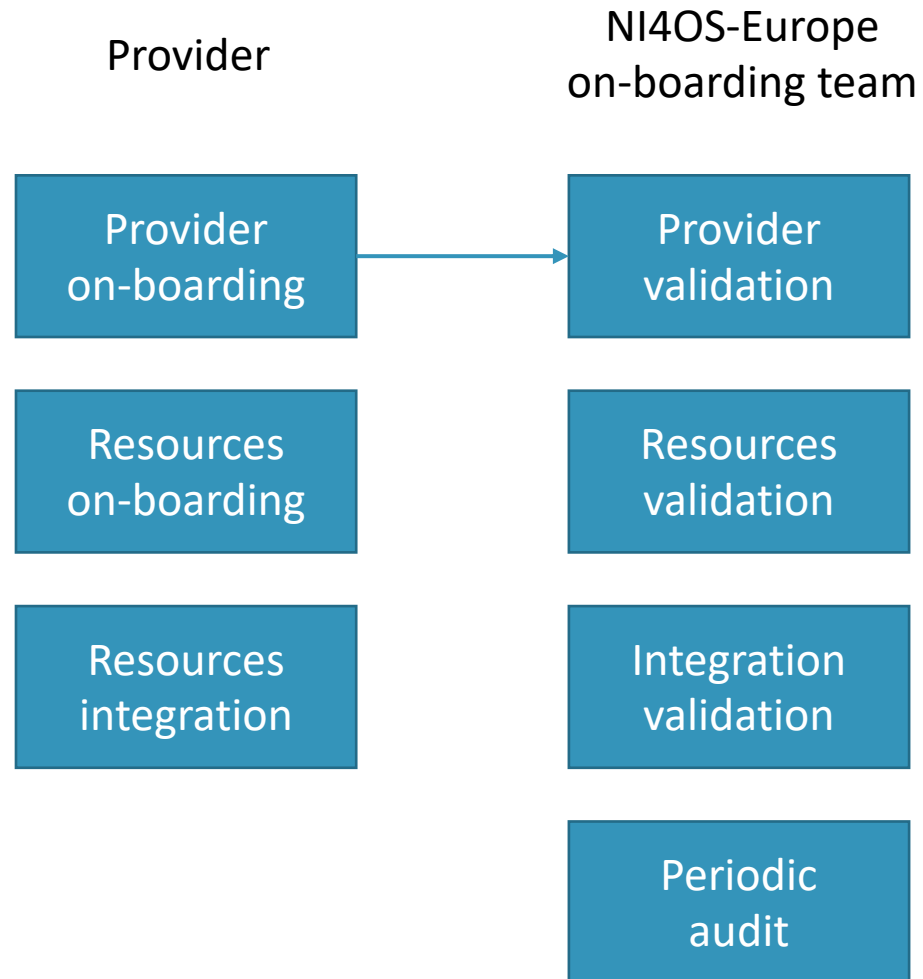
- AGORA catalogue
<https://agora.ni4os.eu/>



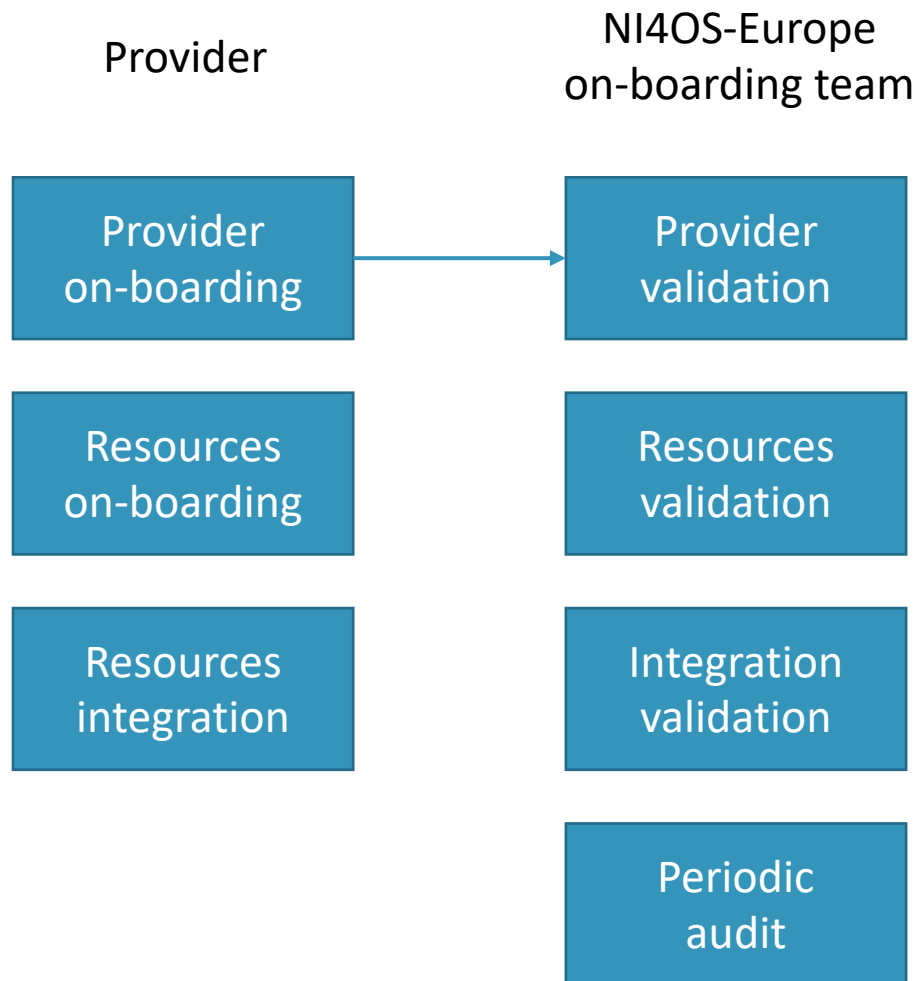
The screenshot shows the NI4OS Providers management interface. On the left is a navigation menu with options: Profile, Resources, Providers (selected), Contact Information, Resource Admins, Users, Resource Settings, Provider Settings, Classification Settings, and User Settings. The main area displays a table of providers with columns for ID, Name, Abbreviation, State, EOOSC ID, and EOOSC State. Each row includes action icons for view, edit, delete, and a red square icon. The table lists 12 providers, all with a 'Published' state. At the bottom, there is a footer with logos for grnet and the European Union, copyright information (© 2018-2022), and contact details (agora@grnet.gr).

ID	Name	Abbreviation	State	EOOSC ID	EOOSC 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		

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 EOSC, 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	
		EOSC RoP Legal & Ethics Compliance Tool (RoLECT)	

Abbreviation
ATHENA

Location
Artemidos 6 & Epidavrou, 15125 Athens, Greece (EL)

Website
<https://www.athenarc.gr/>

Legal status
Public Legal Entity under Private Law

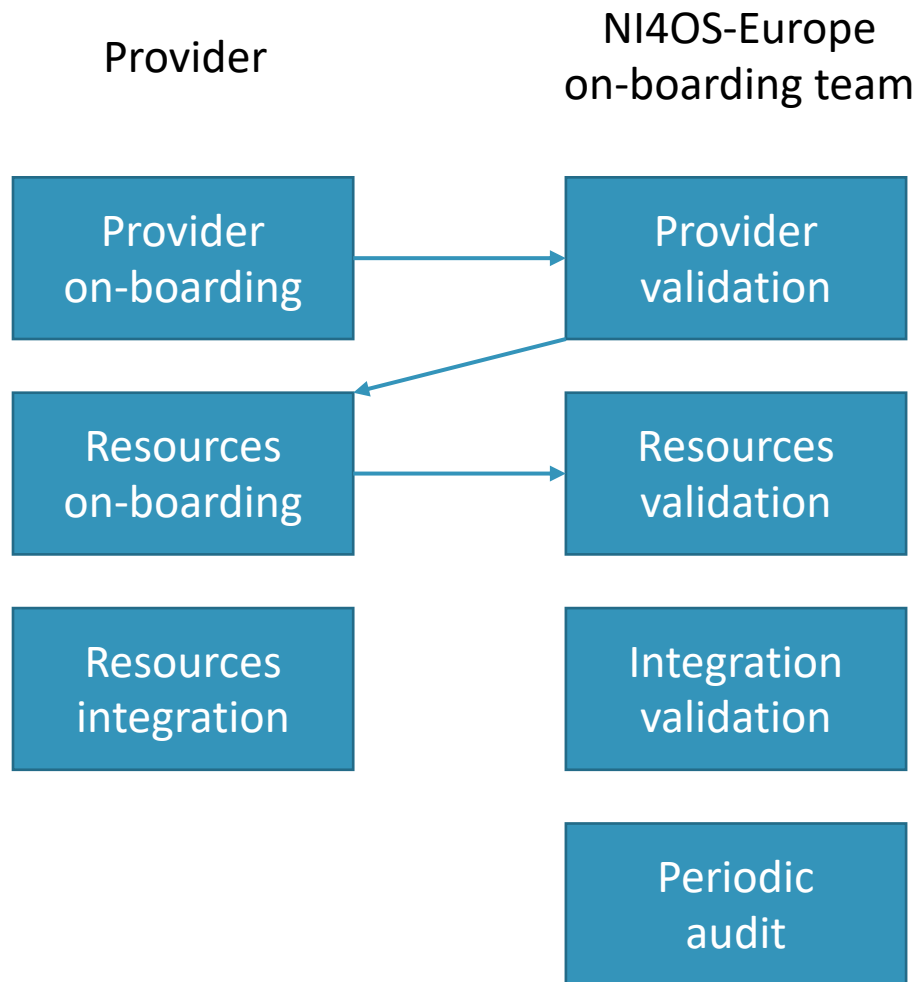
Domain
Natural Sciences Generic Engineering & Technology

Subdomain
Electrical, Electronic & Information Engineering
Environmental Biotechnology
Computer & Information Sciences Industrial Biotechnology
Mechanical Engineering

Tags
applied sciences innovation telecommunications
open science data management

Contact
//, Secretariat
email: 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.

[OpenDOAR](#)
[OpenAIRE](#)
[ROAR](#)
[re3data](#)
[BASE](#)
[CORE](#)
[WorldCat](#)


Resource organization **ON-BOARDED**

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

Resource providers **ON-BOARDED**

 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

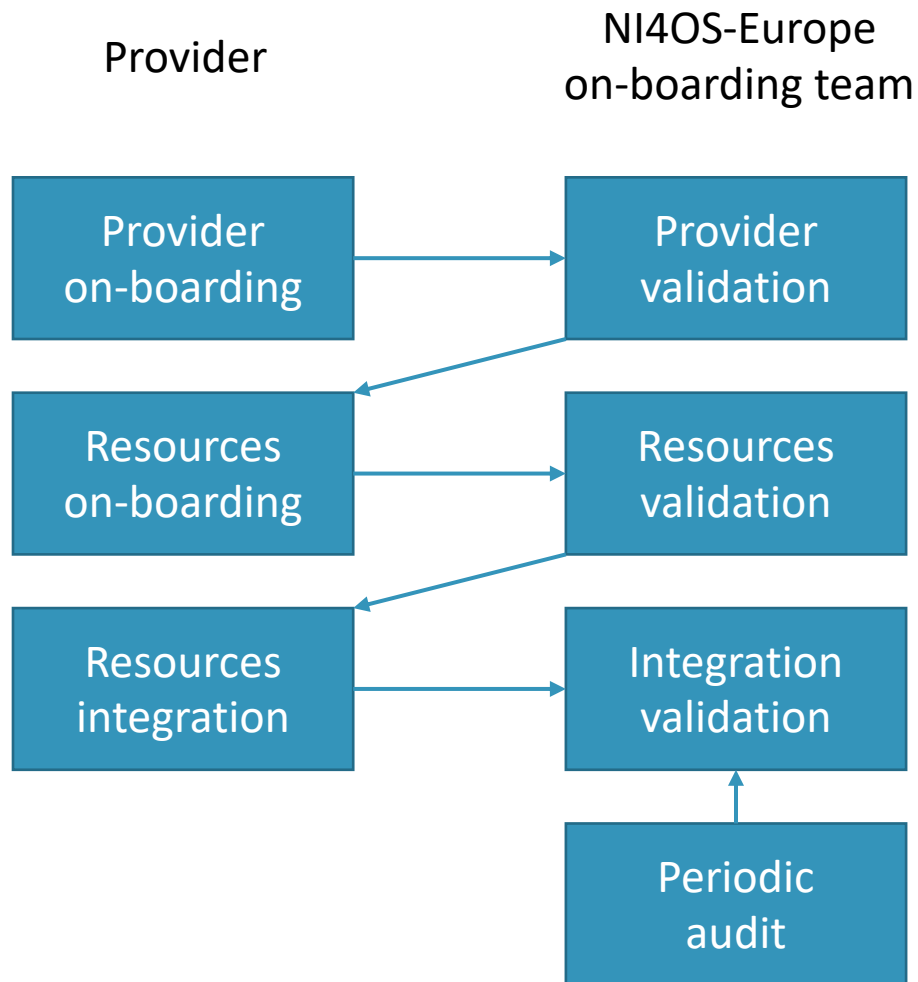
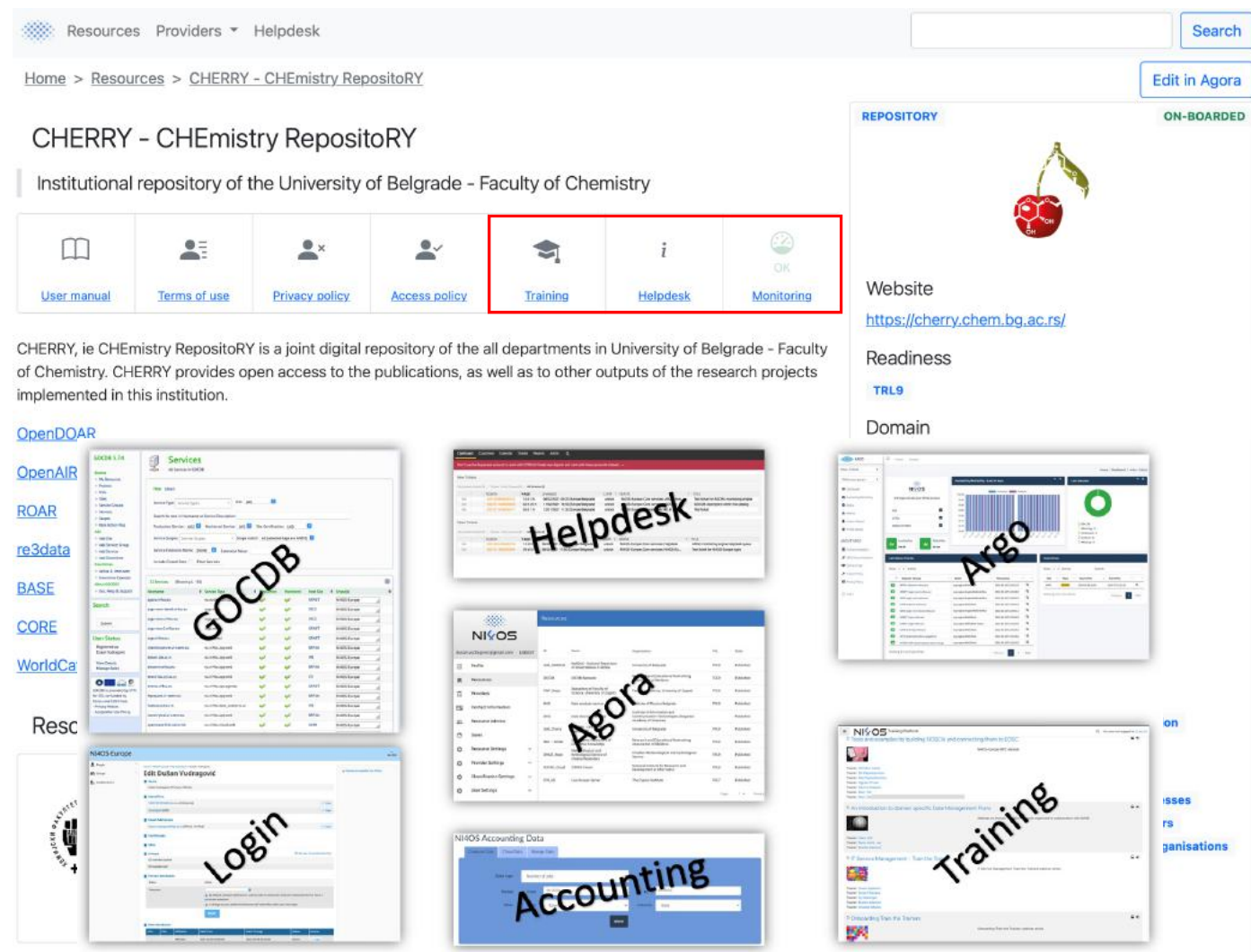
Category
Data Scholarly Communication

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

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OpenDOAR OpenAIR ROAR re3data BASE CORE WorldCa Resc

NI4OS Europe

Helpdesk

Agora

Training

Accounting

REPOSITORY ON-BOARDED

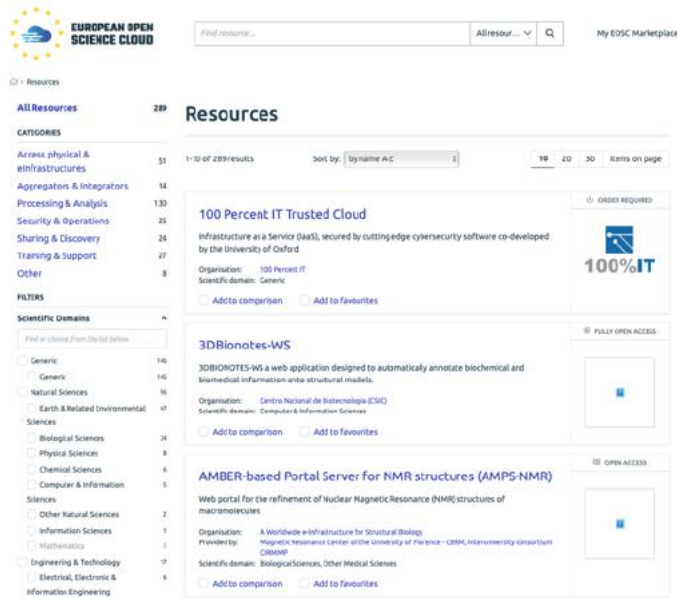
Website <https://cherry.chem.bg.ac.rs/>

Readiness **TRL9**

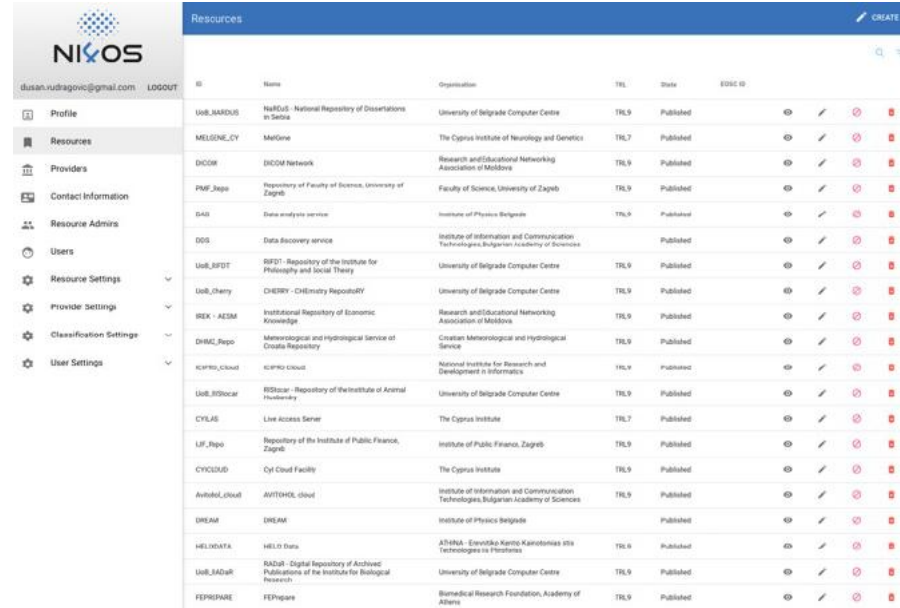
Domain

on issues organisations

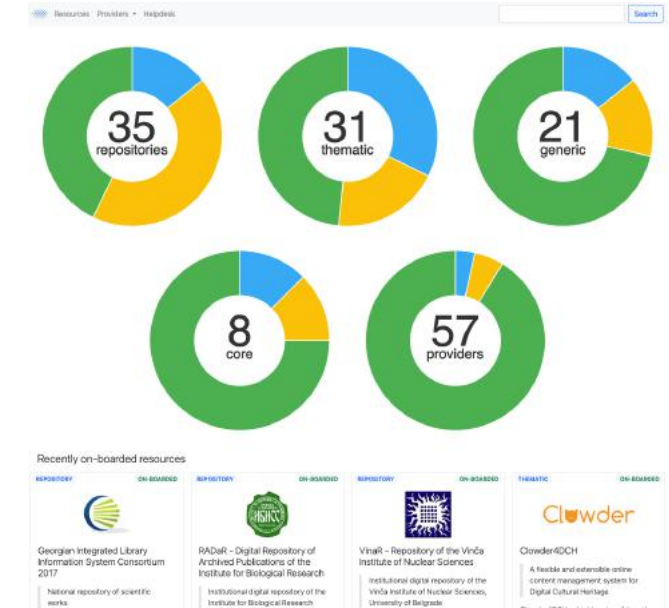
Integration with the EOSC marketplace



The screenshot shows the 'My EOSC Marketplace' interface. It features a search bar at the top with the text 'Find resource...'. Below the search bar, there are navigation tabs for 'All Resources' and 'Categories'. The 'Categories' list includes: Access physical & infrastructures (53), Aggregators & Integrators (14), Processing & Analysis (130), Security & Operations (25), Sharing & Discovery (24), Training & Support (27), and Other (8). A 'Filters' section on the left allows filtering by 'Scientific Domains' such as Generic, Natural Sciences, Earth & Related Environmental Sciences, Biological Sciences, Physical Sciences, Chemical Sciences, Computer & Information Sciences, Other Natural Sciences, Information Sciences, Mathematics, Engineering & Technology, and Electrical, Electronic & Information Engineering. The main content area displays a list of resources, including '100 Percent IT Trusted Cloud', '3DBionotes-WS', and 'AMBER-based Portal Server for NMR structures (AMPS-NMR)'. Each resource card includes a title, a brief description, the organization, and options to 'Add to comparison' or 'Add to favourites'.



The screenshot shows the 'NI4OS' user profile page for 'dusan.vudragovic@gmail.com'. The page has a sidebar with navigation options: Profile, Resources, Providers, Contact Information, Resource Admins, Users, Resource Settings, Provider Settings, Classification Settings, and User Settings. The main content area is titled 'Resources' and contains a table with the following columns: ID, Name, Organisation, URL, Date, and EOSC ID. The table lists various resources such as 'UoB_AREDS', 'MELBENE_CV', 'DICOM', 'PWF_Repo', 'DAS', 'DDS', 'UoB_RFDT', 'UoB_Thery', 'REK - AEM', 'DRIAC_Repo', 'ICIRIS_Cloud', 'UoB_RISocar', 'CYLAS', 'UJF_Repo', 'CYCLOUD', 'AVITHEL_Cloud', 'DREAM', 'HELIXDATA', 'UoB_Radar', and 'FEPREPARE'.



NI4OS-Europe
AGORA catalogue

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



NI4OS-Europe
On-boarding dashboard

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

On-boarding dashboard


Resources Providers Helpdesk

Home > Resources

All All

Resources

REPOSITORY ON-BOARDED




CHERRY - CHEMISTRY REPOSITORY

Institutional repository of the University of Belgrade - Faculty of Chemistry

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. OpenD...

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REPOSITORY ON-BOARDED




CeR - Central Repository of the Institute of Chemistry, Technology and Metallurgy

Institutional digital repository of the Institute of Chemistry, Technology and Metallurgy, University of Belgrade

CeR - Central Repository is the institutional digital repository of the Institute of Chemistry, Technology and Metallurgy, University of Belgrade. The aim of the repository ...

[more](#)

REPOSITORY ON-BOARDED




DAIS - Digital Archive of the Serbian Academy of Sciences and Arts

Open access to publications and other research outputs of the SASA and its institutes.

DAIS - Digitalni arhiv izdanja SANU / Digital Archive of the Serbian Academy of Sciences and Arts is a joint digital repository of the Serbian Academy of Sciences and Arts (SASA) and the research institutes under the auspice...

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REPOSITORY ON-BOARDED




Digital Library of University of Maribor

Institutional repository of the University of Maribor

The University of Maribor Digital Library (DKUM) is the institutional repository of the University of Maribor. It supports open access to scientific, research and professional works, and research data, which are results of research and education at the University. Publishing works in DKUM en...

[more](#)

REPOSITORY ON-BOARDED




Georgian Integrated Library Information System Consortium 2017

National repository of scientific works

Georgian Integrated Library Information System Consortium GILISC was founded in 2017 to assist educational institutions in their development. GILISC gives them access to the electronic databases of scientific journals, helps them to use modern electronic catalogs/integrated library sy...

[more](#)

REPOSITORY ON-BOARDED




HELIX Data

A data catalogue and repository, with a dual role in storing and preserving data that are self-deposited by researchers and in harvesting data records from other national data sources and catalogues, such as HARDMIN.

HELIX Data is one of the services provided by the Hellenic Data Service. Hellenic Data Service, also known as HELIX, is a data ca...

[more](#)

REPOSITORY ON-BOARDED




NI4OS-Europe repository service

NI4OS-Europe general-purpose data repository.

NI4OS Repository Service (NRS) is the main storage service of a community that holds "Regional Community Datasets". The NRS is also the platform to host all kinds of additional data such as publications (and their associated data), software (or references to software), workflow descriptions (e.g. how to genera...

[more](#)

REPOSITORY ON-BOARDED



RADaR - Digital Repository of Archived Publications of the Institute for Biological Research

Institutional digital repository of the Institute for Biological Research "Siniša Stanković" - National Institute of Republic of Serbia, University of Belgrade

RADaR - Digital Repository of Archived Publications of the Institute for Biological Research "Sini...

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Resources Providers Helpdesk

Home > List of providers

All

List of providers

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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; Indust...

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ON-BOARDED




Academic and Research Network of Slovenia

The Academic and Research Network of Slovenia (ARNES) is a public institute that provides network services to research, educational and cultural organizations, and enables them to establish connections an...

[more](#)

ON-BOARDED




Albanian Academic Network - Interinstitutional ICT Research Centre

RASH the Academic Network of ALBANIA is the National Research and Education Network (NREN). Established 2009 with an intergovernmental Agreement of Albanian Parliament between A...

[more](#)

ON-BOARDED




Biomedical Research Foundation, Academy of Athens

The Biomedical Research Foundation of the Academy of Athens (BRFAA) is the most recent addition to the Life Sciences Research organizations in Greece, which begun its activities in 2004. It is loc...

[more](#)

ON-BOARDED




Croatian Meteorological and Hydrological Service

Croatian Meteorological and Hydrological Service (DHMZ) is a government body in Croatia. It supports the economic and sustainable development of Croatia and assists in the protection of lives, good...

[more](#)

ON-BOARDED




Faculty of Science, University of Zagreb

The Faculty includes 7 departments, the Seismological Service, the Mareographic and Meteorological stations, and the Botanical garden. The Faculty offers undergraduate, graduate, and postgraduate study prog...

[more](#)

ON-BOARDED




Georgian Research and Educational Networking Association

The Georgian Research and Educational Networking Association GRENA was founded in 1999 for the development of Information Technologies (IT) in education and research field. The founders of...

[more](#)

ON-BOARDED




Governmental Agency for IT Development

KIFÜ (Governmental Agency for IT Development, Hungary) is the Hungarian NREN (National Research and Education Network) and infrastructure provider organization. KIFÜ is developing and operating the academi...


[more](#)

ON-BOARDED




Institute for Animal Husbandry, Belgrade-Zemun

ON-BOARDED




Institute for Biological Research Siniša Stanković, University of Belgrade

ON-BOARDED



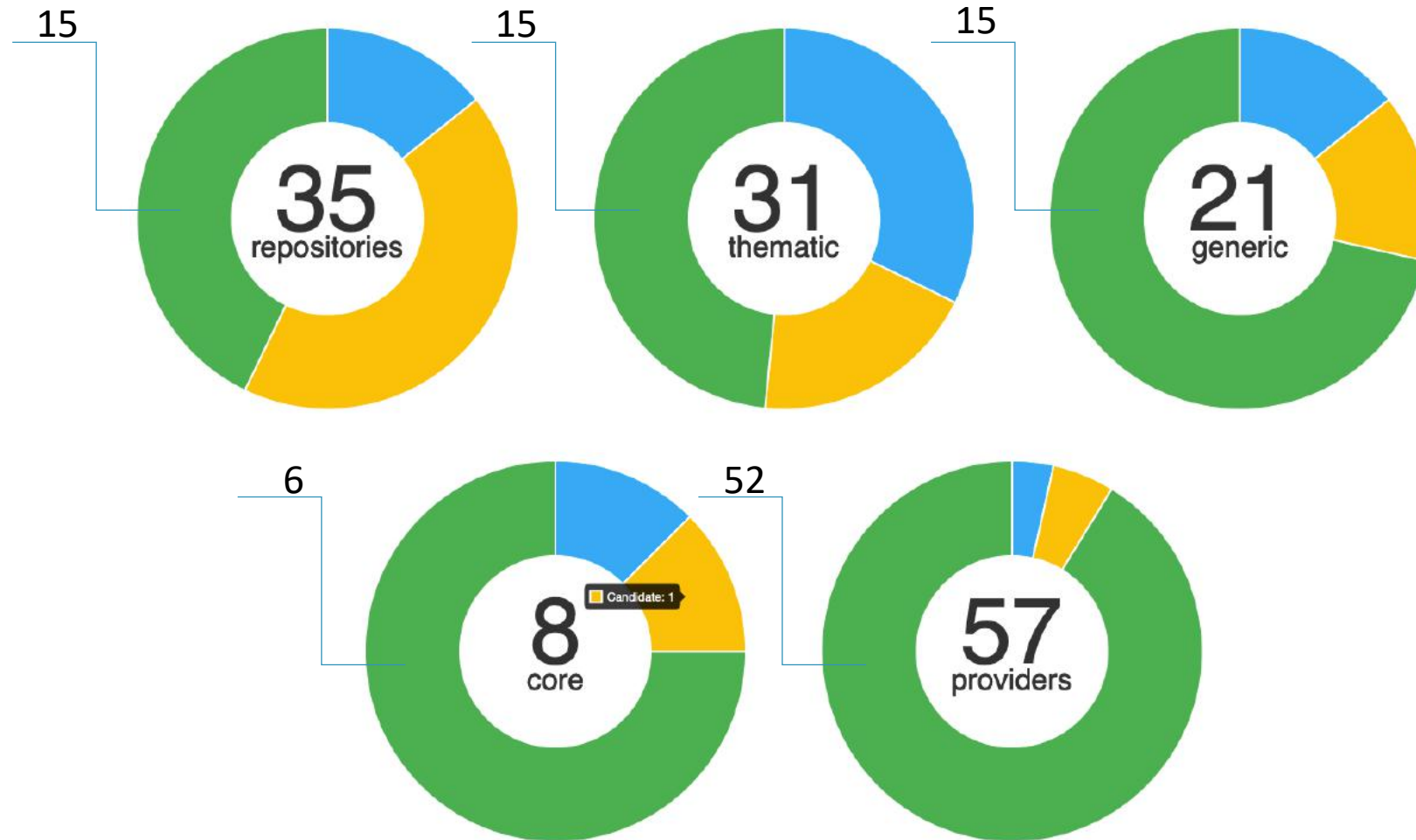
Institute for Informatics and Automation Problems

ON-BOARDED



Institute for Plant Protection and Environment

On-boarding dashboard



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