



NI4OS

National Initiatives for Open Science in Europe

NI4OS-Europe resource management - AGORA

On-boarding - Train the trainers event

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Presentation flow

- Describe the ecosystem
- Why we need Profiles
- What is the goal with Resource Portfolio Management
- Describe the evolution of a system (babel diagram)
- Describe the main Parts of the Provider Profile
- Describe the main Parts of the Resource Profile
- How does Agora help

NI4OS will need to operate in a complex environment where

- The **Rules of Participation to EOSC** are evolving
- The **Profiles** describing **Resources/Providers** are **evolving** (rapidly)

We need a standard way to describe our providers/resources that

- Is Understood/Agreed by Us and the Ecosystem
- Captures the necessary information to classify resources/providers
- Holds the necessary contact information
- Provide the necessary information to Increase the user base by making Resources discoverable & easier to relate to user needs

What is the goal with Resource Portfolio Management

- A Resource portfolio shall be maintained.
- All Resources shall be specified as part of the Resource portfolio
- Design and transition of new or changed Resources shall be planned
- Plans for the design and transition of new or changed Resources shall consider timescales, responsibilities, new or changed technology, communication and Resource acceptance criteria
- The organizational structure supporting the delivery of Resources shall be identified, including a potential federation structure as well as contact points

- The EOSC Profiles are evolving specifications, which will incorporate new features from the European research communities in the EOSC ecosystem.
- The EOSC Profiles are part of the EOSC Interoperability Framework that comprises among others of:
 - the EOSC Profiles;
 - the EOSC Portal Application Programming Interfaces (API);
 - the EOSC Portal Onboarding Process (OP);
 - the EOSC Rules of Participation (RoP).



- Version 3.00 of the EOSC Profiles include two profiles each addressing a different entity and a different phase of the onboarding, update, maintenance and monitoring processes of a Resource by a Provider: the Provider Profile and the Resource Profile.
- The EOSC Profiles include also Provider and Resource Code lists, Taxonomies, Classifications that have been developed to provide a structured classification of Resources and a harmonized way for the description of various attributes. They also constitute the basis for the structure and the filtering functions of an EOSC Catalogue.

EOSC Provider

An EOSC System User responsible for the provisioning of one or more Resources to the EOSC. EOSC Providers are organisations, a part of an organisation or a federation that manages and delivers Resources to End-Users.

EOSC Providers can be: Resource Providers, Service Providers, Data (Source) Providers, Service Developers, Research Infrastructures, Distributes Research Infrastructures, Resource Aggregators, Thematic Clouds, Regional Clouds, etc.

The Provider Profile



- Provider Profile
- Basic Information
- Marketing Information
- Classification Information
- Location Information
- Contact Information
- Maturity Information
- Other Information

What is an EOSC Resource

EOSC Resources:

EOSC Resource might be any asset made available by means of the EOSC system and according to the EOSC Rules of Participation to EOSC End-Users to perform a process useful to deliver value in the context of the EOSC.

EOSC Resources include: Services, Data Sources, Research Products and any other asset.

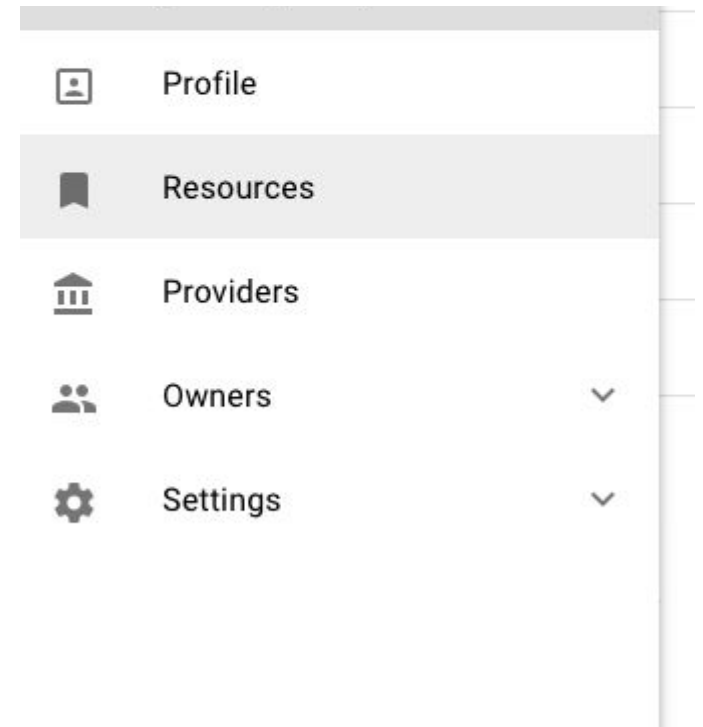
The Resource Profile



- Basic Information
- Marketing Information
- Classification Information
- Geographical and Language Availability Information
- Resource Location Information
- Contact Information
- Maturity Information
- Dependencies Information
- Attribution Information
- Management Information
- Access and Order Information
- Financial Information

Introducing Agora

- The AGORA is a tool aimed at facilitating Resource management in IT service provision, including federated scenarios.
- Represents a complete list of the Resources managed by a Resource providers.
- Provides interfaces (API and a GUI) to the database that stores the Resource portfolio information and makes it available for other management tools, particularly the EOOSC Portal..



How does Agora help

The Agora Resource Portfolio Management tool supports curation of

- Providers Profiles
- Resource Profiles
- Contact Information
- Category/Classification Information

Agora offers also:

- Exports updates of the profiles to Argo Messaging Service
- an API to be used to connect with other SPM tools
- a React Plugin for Drupal sites to present the Portfolio and Catalogue of Resources within a portal


How does Agora help



Agora will be used to

- **Populate the NI4OS Catalogue** and show the progress of each Resource
- **Publish Mature Services to EOSC Portal**

Agora Provider View



Providers > Details EDIT DELETE

kkoum@admin.grnet.gr LOGOUT

- Profile
- Resources
- Providers
- Owners
- Settings
- Users

Basic information

[EPP.BAI.0 - ID](#)
grnet

[EPP.BAI.1 - Name](#)
National Infrastructures for Research and Technology

[EPP.BAI.2 - Abbreviation](#)
GRNET

EPP.BAI.3 - Legal Entity false	EPP.BAI.3 - Legal Status ERIC
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[EPP.BAI.4 - Website](#)
https://grnet.gr/

Classification Information







[Provider Fields Domain Names](#)
Engineering & Technology, Social Sciences

[Provider Fields Subdomain Names](#)
Electrical, electronic and information engineering, Other social sciences, Veterinary sciences, Other engineering and technology sciences

[EPP.CLI.3 - Tags](#)
GRNET, grnet, EΔYTE

Location information

Agora Resource View

-  Profile
-  Resources
-  Providers
-  Owners ▼
-  Settings ▼
-  Users

Basic information

[ERP.BAI.0 - ID](#)

ni4os.events

[ERP.BAI.1 - Name](#)

EVENTS

[ERP.BAI.2 - Service Organisation](#)

National Infrastructures for Research and Technology

[ERP.BAI.3 - Service Providers](#)

National Infrastructures for Research and Technology

[ERP.BAI.4 - Webpage](#)

events.ni4os.eu

Marketing Information

[ERP.MRI.1 - Description](#)

Manage Events

[ERP.MRI.2 - Tagline](#)

[ERP.MRI.3 - Logo](#)

[ERP.MRI.4 - Multimedia](#)

[ERP.MRI.5 - Target Users](#)

[ERP.MRI.6 - Customer Tags](#)

[ERP.MRI.7 - Use Cases/Case Studies](#)



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