

NI&OS

National Initiatives for Open Science in Europe

AGORA

resource management and onboarding to Ni4os

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What is a resource?

*A way to provide value to a user/customer through bringing about results that they want to achieve
(FitSM definition for service)*

Current State

- Commoditization of digital resources
- XaaS (Anything as a Service)



Factors for Successful Resource Management

People

- Skills
- Awareness
- Responsibilities

Technology

- Support people in their roles
- Increase process effectiveness and efficiency

Processes

- Defines Activities
- Effectiveness and repeatability

Resource management in Research

PROS ↑

- Skillful personnel
- Cutting edge Technology
- Quality Resources



↓CONS

- No training in resource management
- No marketing department
- Lack of clearly defined processes

EOSC

Benefits

- Increase the user base
- More scientific communities, industry, gov, citizens, etc.
- Shared language
- Harmonise the Resources provided by European Providers
- Become user-oriented
- Identify overlapping efforts
- Speed up innovation with the increased competition



**EUROPEAN OPEN
SCIENCE CLOUD**

NI4OS

Goals

- Standardization of the resource/provider description
- Holds required information
- Compatible with EOSC Profiles
- Onboard mature Services to EOSC



How to onboard on ni4os?

Request for on-boarding

New NI4OS service

WP5.5

Service description template

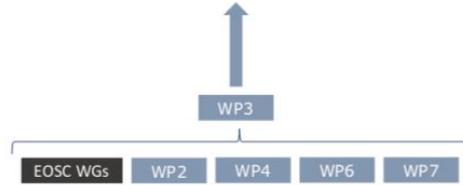
WP5.5

Registration within the NI4OS service portfolio

Service integration

NI4OS RoP P1 for generic services	NI4OS RoP P2 for generic services	...
NI4OS RoP P1 for thematic services	NI4OS RoP P2 for thematic services	...
NI4OS RoP P1 for repositories	NI4OS RoP P2 for repositories	...
...

NI4OS rules of participation matrix of packages



WP5.5

Service integration
WP5.2 WP5.3 WP5.4

WP5.5

Guidelines	Monitoring
AAI	Accounting
Helpdesk	...

WP3

WP4

WP5.5

Service validation

Validation

WP5.5

NI4OS service catalog

NI4OS Publication

Publication

EOSC service catalog

EOSC Publication

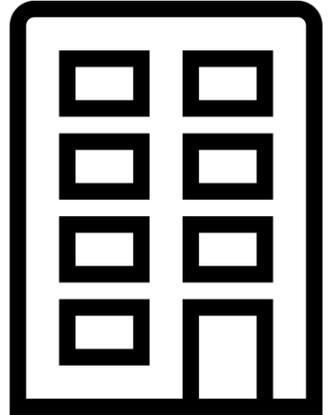
WP5.5

Providers & Resources

EOSC Provider

EOSC Providers are organisations, a part of an organisation or a federation that manages and delivers Resources to End-Users.

- Resource Providers
- Service Providers
- Data Providers
- Service Developers
- Research Infrastructures
- Resource Aggregators
- Cloud Providers



Provider onboarding process

Basic information

NETWORKS
STRUCTURE TYPE
AREA OF ACTIVITY
ROADMAPS

MAIN CONTACT
PUBLIC CONTACT

LIFE CYCLE STATUS
CERTIFICATION

ID
NAME
ABBREVIATION
WEBSITE
LEGAL ENTITY

DESCRIPTION
LOGO
MULTIMEDIA

SCIENTIFIC DOMAIN
TAGS

ADDRESS
REGION
COUNTRY

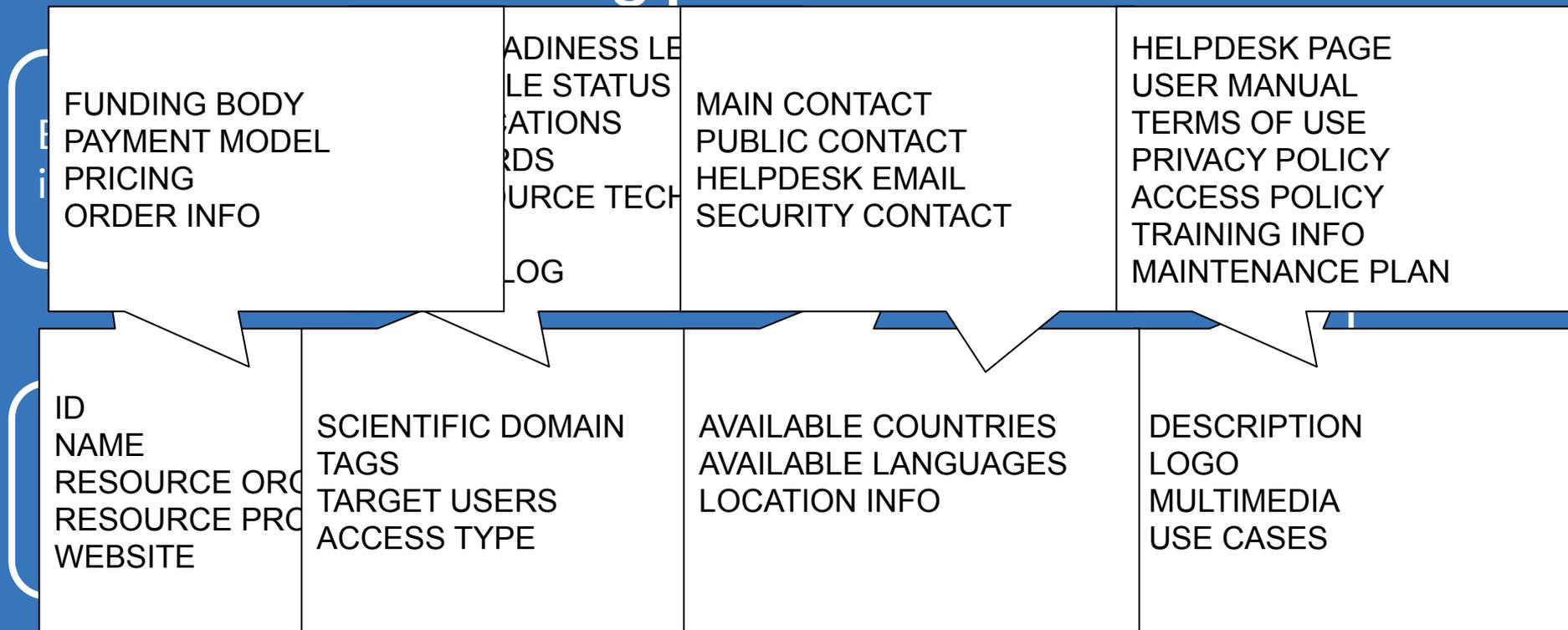
EOSC Resource

EOSC Resources are 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

- Services
- Data Sources
- Research Products
- more...



Resource onboarding process



Where to sign up?

agora.ni4os.eu

Resource portfolio management

INTRODUCTION

- EOSC Profiles v3.0 Compatible
 - Holds required information
 - Data entry assistant
-

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

Resources




ID	Name	Organisation	TRL	State				
PMF_Repo	Repository of Faculty of Science, University of Zagreb	Faculty of Science, University of Zagreb	TRL9	Published				
DAS	Data analysis service	Institute of Physics Belgrade	TRL9	Published				
DDS	Data discovery service	Institute of Information and Communication Technologies, Bulgarian Academy of Sciences		Published				
DHMZ_Repo	Meteorological and Hydrological Service of Croatia Repository	Croatian Meteorological and Hydrological Service	TRL9	Published				
CYILAS	Live Access Server	The Cyprus Institute	TRL7	Published				
IJF_Repo	Repository of the Institute of Public Finance, Zagreb	Institute of Public Finance, Zagreb	TRL9	Published				
CYICLOUD	Cyl Cloud Facility	The Cyprus Institute		Published				
AvitohoL_cloud	AVITOHOL cloud	Institute of Information and Communication Technologies, Bulgarian Academy of Sciences		Published				
DREAM	DREAM	Institute of Physics Belgrade		Published				
HELIXDATA	HELIX Data	ATHINA - Erevnitiko Kentro Kainotomias stis Technologies tis Pliroforias	TRL9	Published				

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-  Profile
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ID	Name	Abbreviation	State				
IICT-BAS	Institute of Information and Communication Technologies, Bulgarian Academy of Sciences	IICT-BAS	Published				
BRFAA	Biomedical Research Foundation, Academy of Athens	BRFAA	Published				
RBI	Ruđer Bošković Institute	RBI	Draft				
NOA	National Observatory of Athens	NOA	Published				
ICI	National Institute for Research and Development in Informatics	ICI	Published				
IPB	Institute of Physics Belgrade	IPB	Published				
IJF	Institute of Public Finance, Zagreb	IJF	Published				
ATHENA	ATHINA - Erevnitiko Kentro Kainotomias stis Technologies tis Pliroforias	ATHENA	Published				
UoM	University of Montenegro		Published				
GRNET	National Infrastructures for Research and Technology	GRNET	Published				
SZTE	University of Szeged	SZTE	Published				
UKIM	University Ss. Cyril and Methodius, Faculty of Computer Science and Engineering	UKIM, FCSE	Published				
DHMZ	Croatian Meteorological and Hydrological Service	DHMZ	Published				
CYI	The Cyprus Institute	CyI	Published				
PMF	Faculty of Science, University of Zagreb	PMF	Published				

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Basic information

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

Unique identifier of the provider

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

Unique Full Name of the Provider offering the resource and acting as main contact point.

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

Abbreviation or Short name of the Provider

[EPP.BAI.3 - Website](#)

Website with information about the Provider.

[EPP.BAI.4 - Legal Entity](#)

Is the provider a legal entity?

[EPP.BAI.5 - Legal Status](#)

Legal Status of the Service Provider

Classification Information

[EPP.CLI.1 - Scientific Domain](#)

Scientific Domain name

-  Profile
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On-boarded resources

Repositories

NI4OS-Europe repository service

ON-BOARDED

Tagline

NI4OS-Europe general-purpose data repository.

Scientific domain

Generic

Category

Data Scholarly Communication Software



NI4OS-Europe category

Repository

more >

SZTE repository of publications

ON-BOARDED

Tagline

This is the institutional repository of the University of Szeged which contains the work of staff and students.



Scientific domain

Generic

Category

Scholarly Communication

NI4OS-Europe category

Repository

more >

Thematic services

EPPrepare

ON-BOARDED

GRNET

[All providers](#)[On-boarded providers](#)

Basic information

Name

National Infrastructures for Research and Technology

Web page

<https://www.grnet.gr>

Legal entity

Yes

Classification information

Provider Fields Domain Names

Natural Sciences

Provider Fields Subdomain Names

Electrical, electronic and information engineering

Computer and information sciences

Tags

e-infrastructures

technology

cloud

services

Location information

Street Name and Number

7 Kifisias ave.

Postal Code

11523

City

Athens

Country or territory

Greece (EL)

Marketing information

Description

GRNET – National Infrastructures for Research and Technology, provides networking and cloud computing services to academic and research institutions, to educational bodies at all levels, and to agencies of the public, broader public and private sector. It is responsible for promoting and disseminating network and computing technologies and applications, as well as for promoting and implementing Greece's Digital Transformation goals. Thus, GRNET leverages the educational and research activity in the country, towards the development of applied and technological research in the fields of telecommunication networks and computing services.



NI4OS-Europe repository service

[All resources](#)[On-boarded resources](#)

Basic information

[Resource organization](#)[National Infrastructures for Research and Technology](#)[Service providers](#)[National Infrastructures for Research and Technology](#)[Web page](#)<https://repo.ni4os.eu/>

Marketing information

[Description](#)

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 generate research data) or even materials targeting the general public. (e.g. images, videos etc.) NRS is integrated with a persistent identifier service as an assigned PID is required for each digital object (item, collection, community).

The repository service allows NI4OS-Europe users to deposit and share data via a user-friendly web interface. It can host publications and their associated data or software. It automatically generates a Persistent Identifier for each shared item. Access to shared items can be public or limited to selected repository users.

[OpenDOAR](#)[OpenAIRE](#)[Tagline](#)[NI4OS-Europe general-purpose data repository.](#)[Logo](#)https://wiki.ni4os.eu/images/8/83/NI4OS_Repo-Logo.jpg

Classification information

[Scientific domain](#)[Scientific subdomain](#)