

Demonstration: Onboarding of a third-party catalogue in EOOSC - The NI4OS case

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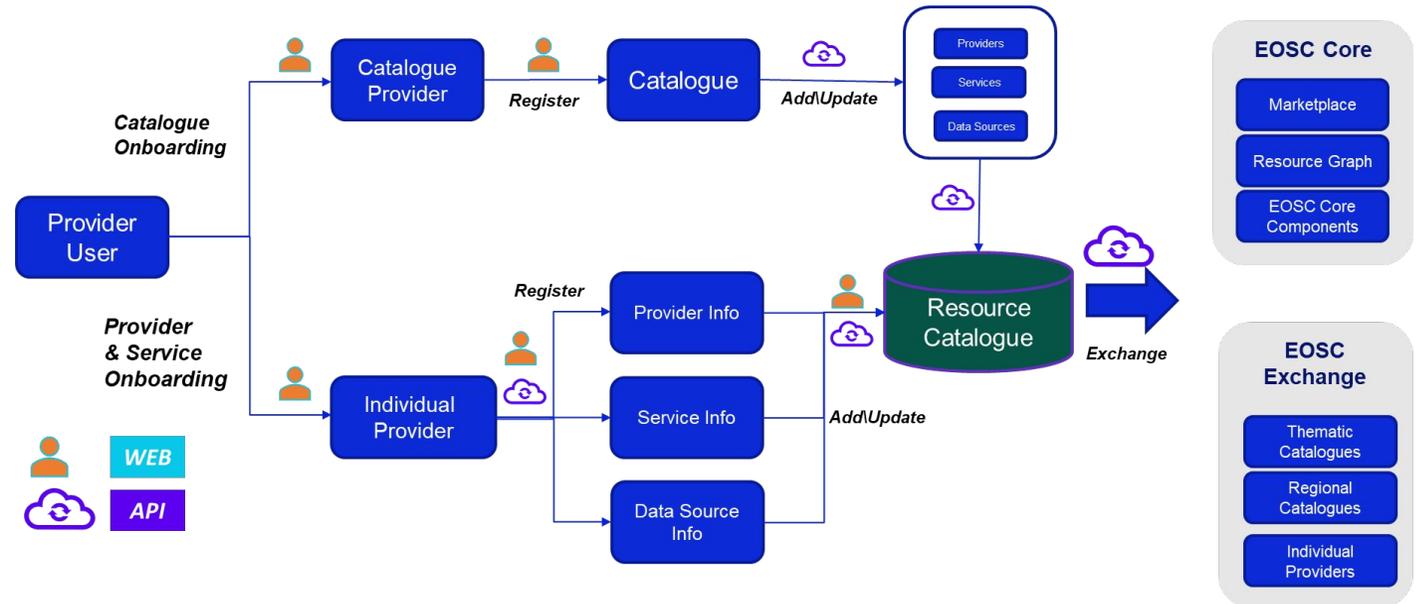
Outline

- Third party catalogue onboarding in the EOSC Resource Catalogue
- Impact on Providers, Researchers and end users
- Demonstration: NI4OS-Europe catalogue resource uploading to EOSC resource Catalogue and Providers Portal

New capabilities from EOSC Future: Catalogue onboarding

Third party catalogues and their resources now able to become part of the EOSC Resource Catalogue, reaching out to more researchers and users. Resource providers gain extended visibility of their resources

Catalogue onboarding and resource syncing already available in Service Catalogue beta, in production by end of June, to align with Profiles v4.0 introduction





EOSC Integration - Technical Enhancements

- Adoption and implementation of **Profiles v4.0**
- Updated **UI forms** in Agora Catalogue
- Adopt new **API** supporting third party **catalogue resource syncing**

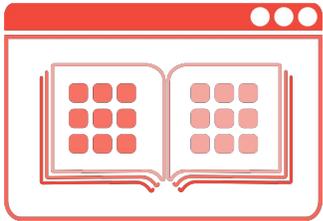


Impact

- EOSC becomes a true federated ecosystem of research and science work.
 - **Scale Out the Onboarding Process** : Onboarding, Auditing, Service Management are delegated to thematic & regional catalogues
 - **Providers** and their resources become **available to a wider audience**
- EOSC Resource Catalogue becomes a comprehensive collection of Research Services and Data Sources, a collaborative listing of Providers work
 - **Catalogues** can pull **resources** from EOSC Resource Catalogue **to introduce other providers resources** and work to their users
 - EOSC Front Office, backed by the EOSC Resource Catalogue, becomes a "one-stop shop" for researchers
- Third party catalogues onboarded: OpenAIRE⁶, NI4OS-Europe, NEANIAS

Catalogue Registration

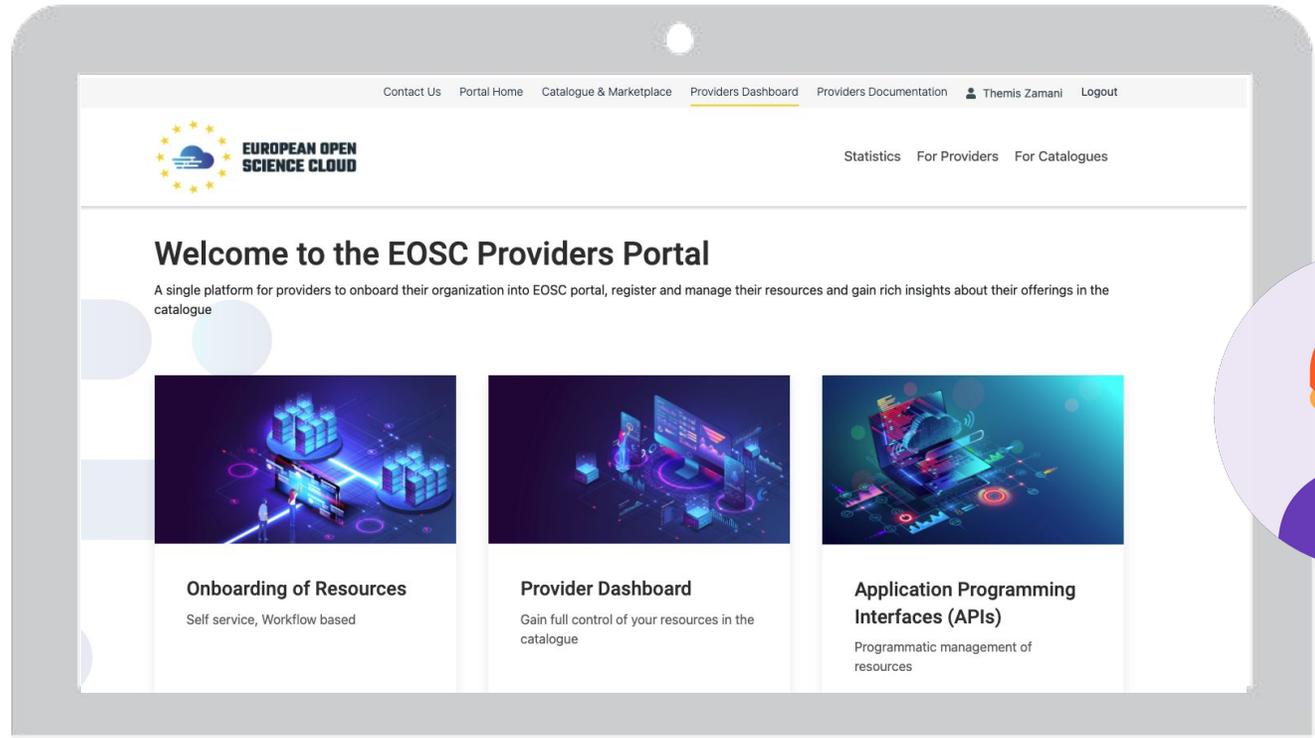
EOSC Providers Portal



Resource Catalogue

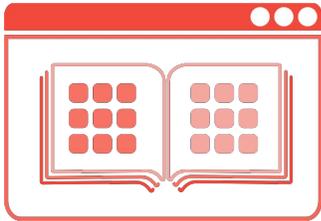


Register Ni4os Catalogue



Catalogue Registration - The catalogue is recorded

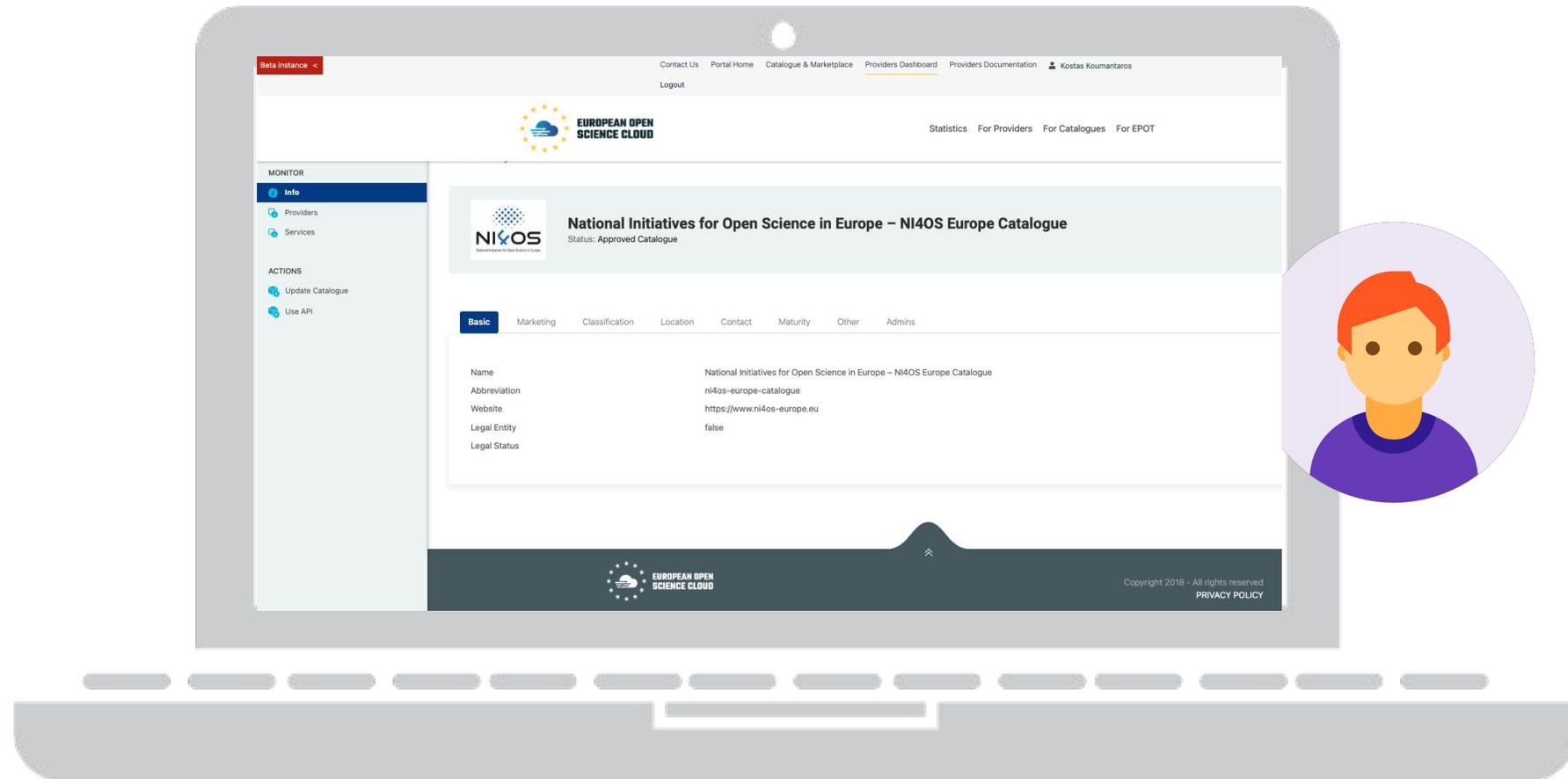
EOSC Providers Portal



Resource Catalogue

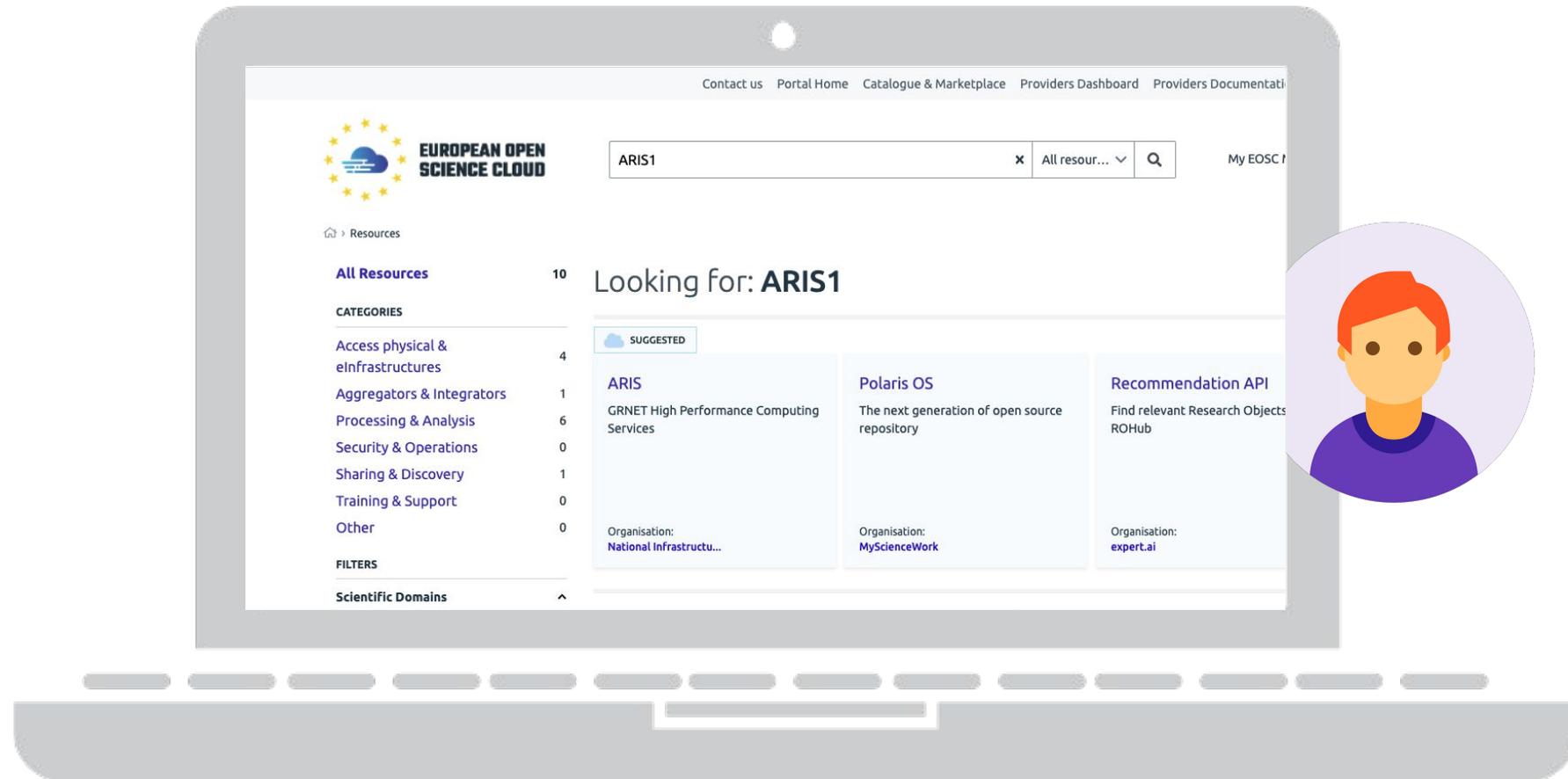


Register Ni4os Catalogue



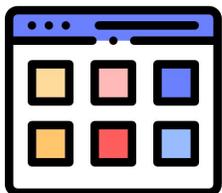
The resource is not in the Marketplace

EOSC Marketplace



Resource Admin fills in the resource profile information

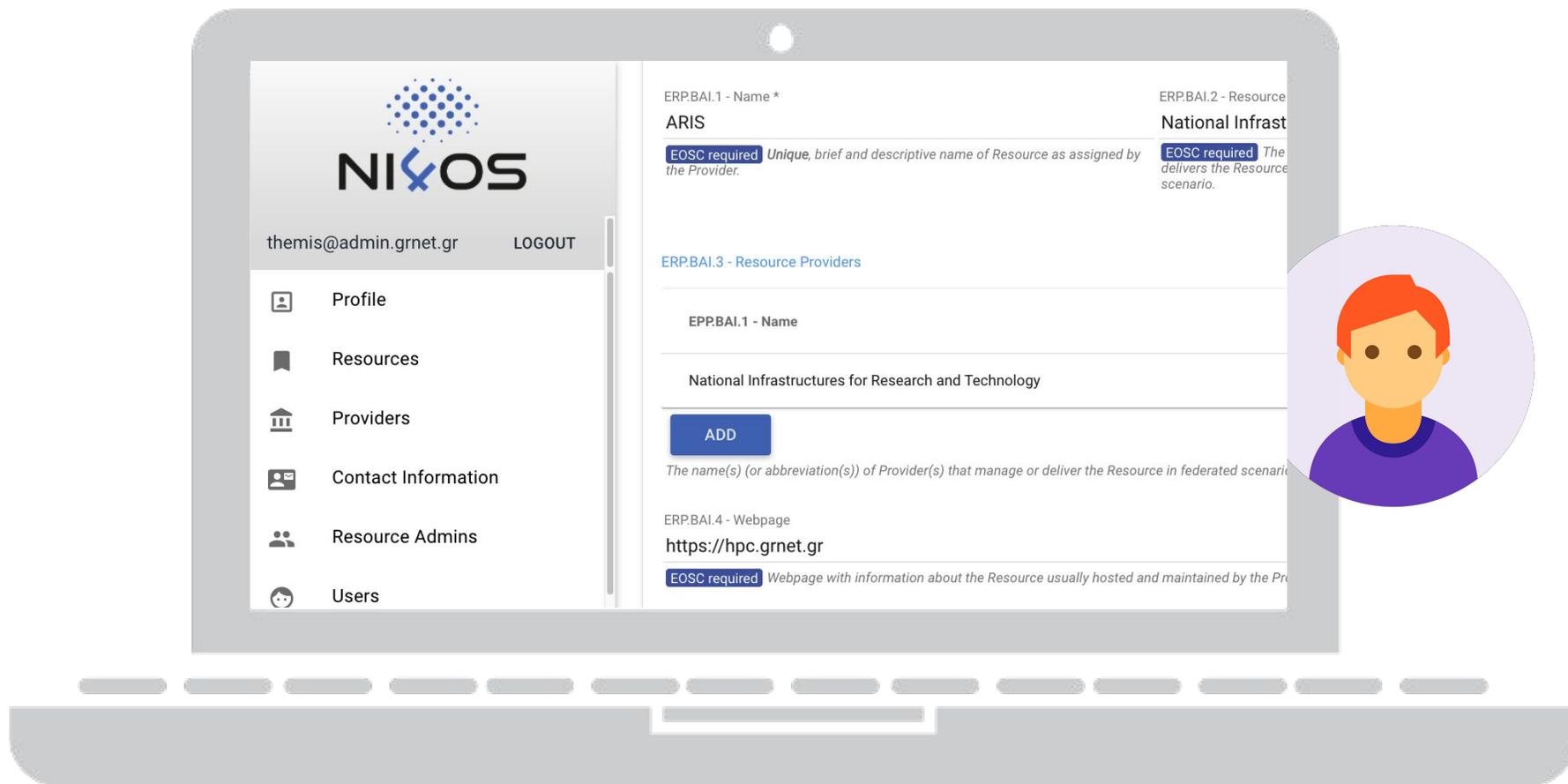
Ni4OS Catalogue



NI4OS Catalogue UI

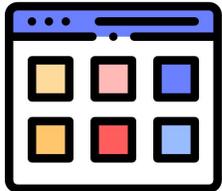
GRNET Provider

Register ARIS Resource



Portfolio Admin curates the content & proceeds to publish

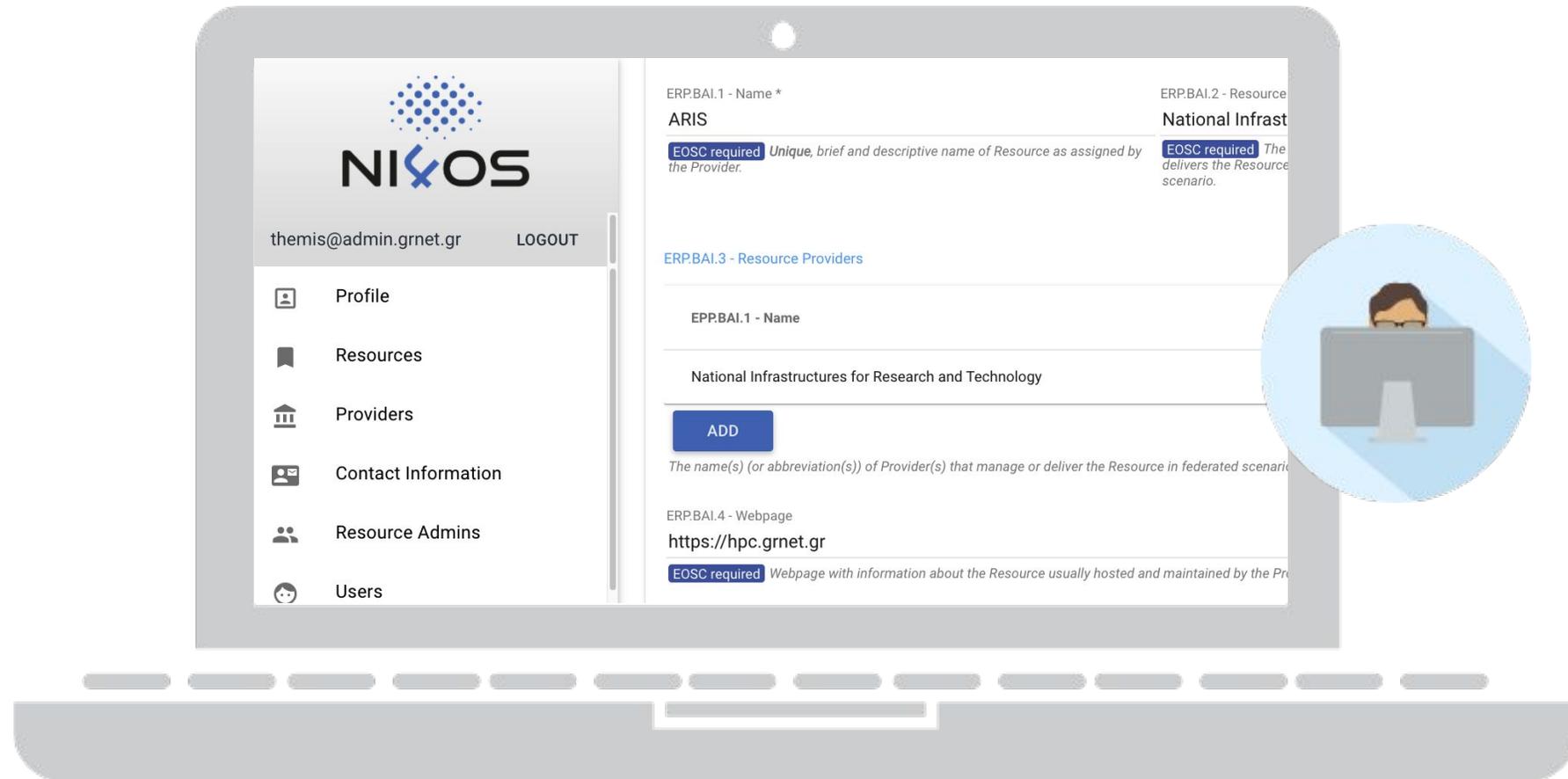
Ni4OS Catalogue



NI4OS Catalogue UI

GRNET Provider

Register ARIS Resource



The resource is in the Marketplace

EOSC Marketplace



Ni4os Catalogue



Resource: ARIS

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EUROPEAN OPEN SCIENCE CLOUD

ARIS All resour... Q My EOSC Marketplace

Resources > Access physical & infrastructures > Compute > Job Execution > ARIS

ARIS
GRNET High Performance Computing Services
Organisation: **National Infrastructures for Research and Technology**
☆☆☆☆☆ (0.0 / 5) 0 reviews Add to comparison Add to favourites

Access the resource
ORDER REQUIRED

Webpage Helpdesk e-mail Manual Ask a question about this resource?

ABOUT DETAILS REVIEWS (0)

GRNET (National Infrastructures for Research and Technology) provides high performance computing resources to the Greek and international scientific and research communities in order to conduct scientific research. It is a typical HPC system.

All compute nodes are used through SLURM resources/workload manager, they are not directly accessible by end user and they haven't internet access. All compute jobs run through SLURM. Access to the system is allowed only via SSH from specific ips/networks to login nodes from which all data management/transfers, job submission etc. are performed. Only local LDAP

SCIENTIFIC CATEGORISATION
Generic



Behind the scenes

