

Wednesday, 3 Jun 2020

- ❑ NI4OS-Europe on-boarding procedure (10:00 – 11:30)
 - ❑ Overview of the on-boarding procedure (Dusan Vudragovic)
 - ❑ On-boarding of generic services (Petar Jovanovic)
 - ❑ On-boarding of thematic services (Boro Jakimovski)
 - ❑ On-boarding of repositories (Brina Klemencic)
- ❑ NI4OS-Europe resource management (13:00 – 14:30)
 - ❑ Resource catalogue and resource management (Kostas Koumantaros)
 - ❑ OpenAIRE integration steps (Antonis Lempesis)

Thursday, 4 Jun 2020

- ❑ NI4OS-Europe pre-production environment (10:00 – 12:00)
 - ❑ Overview of the pre-production environment (Anastas Mishev)
 - ❑ A&A component and integration guidelines (Nicolas Liampotis)
 - ❑ Monitoring component and integration guidelines (Themis Zamani)
 - ❑ Accounting component and integration guidelines (Emanouil Atanassov)

Overview of the on-boarding procedure

NI4OS training platform

03 Jun 2020

Dusan Vudragovic

Institute of Physics Belgrade

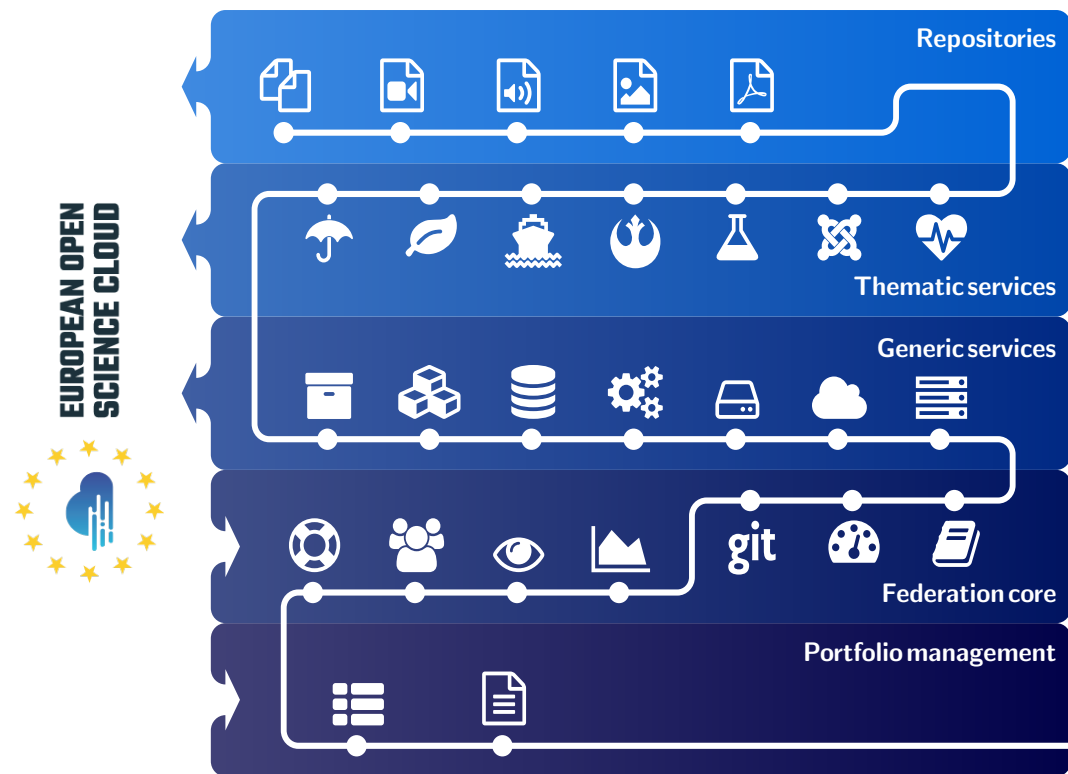


- ❑ Onboarding includes all practical activities taken to incorporate a research resource into the EOSC federation
- ❑ In general, NI4OS-Europe resource onboarding includes five main steps:
 - ❑ a request via a dedicated form - project operational team will initiate the onboarding procedure for all resources and send the corresponding requests to the EOSC,
 - ❑ relevant information is gathered using a project-specific RDT,
 - ❑ a resource is integrated with the NI4OS-Europe pre-production environment,
 - ❑ a service is validated by tools from the NI4OS-Europe pre-production env.,
 - ❑ a service is published in the EOSC catalogue.

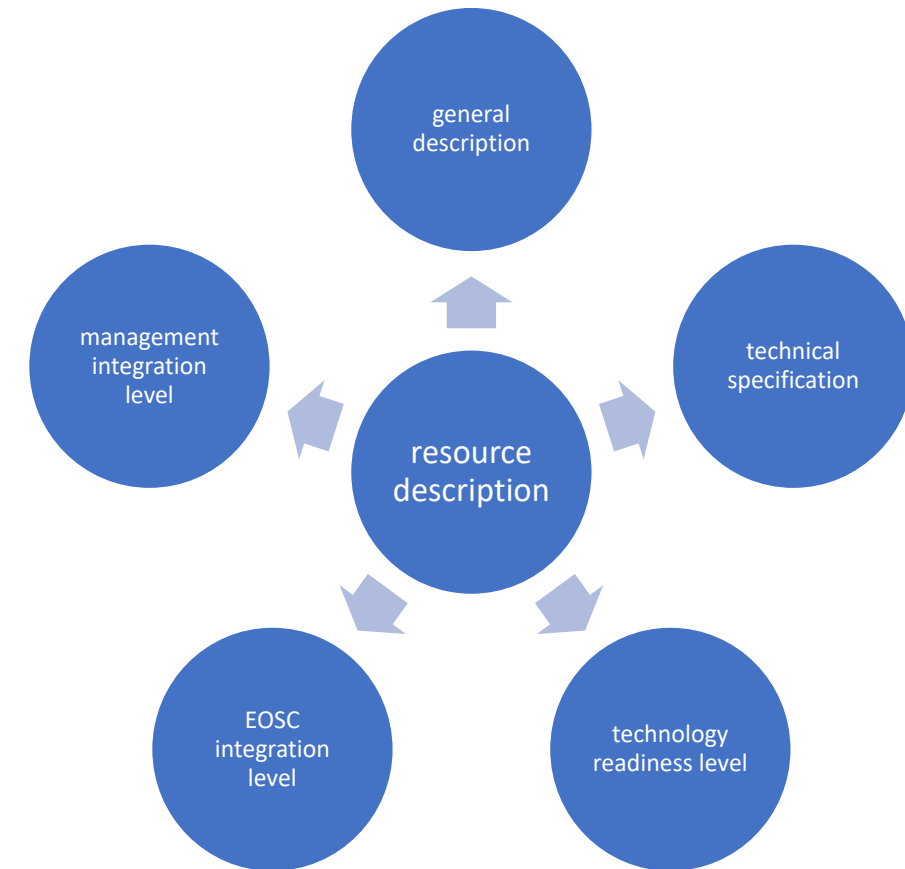


Services within the NI4OS-Europe project

- ❑ Hierarchical organization of resources within the NI4OS-Europe project
 - ❑ Resource catalogue/portfolio that implements resource description template
 - ❑ Services form the pre-production environment (helpdesk, monitoring, etc.)
 - ❑ Generic services (HTC, HPC, PaaS, etc.)
 - ❑ Thematic services
 - ❑ Repositories (data, publication, code)



- ❑ Non-EOSC-related aspects of resource description
 - ❑ General resource description
common for all types of resources
 - ❑ Technical specifications of the resources
unique for all types of resources
- ❑ EOSC-related aspects of resource description
 - ❑ Technology Readiness Level (TRL)
 - ❑ EOSC Integration Level (EIL)
 - ❑ Management Integration Level (MIL)
- ❑ Scientific impact of a particular resource



Technology Readiness Level (TRL)

- ❑ Assess a resource development stage
- ❑ From the on-boarding perspective, only high-level TRLs are of interest
- ❑ However, in our portfolio system, we will also collect and describe resources that are currently under development
- ❑ EOSC features and functionalities that could be integrated and reused in the early resource development stage



EOSC Integration Level (EIL)

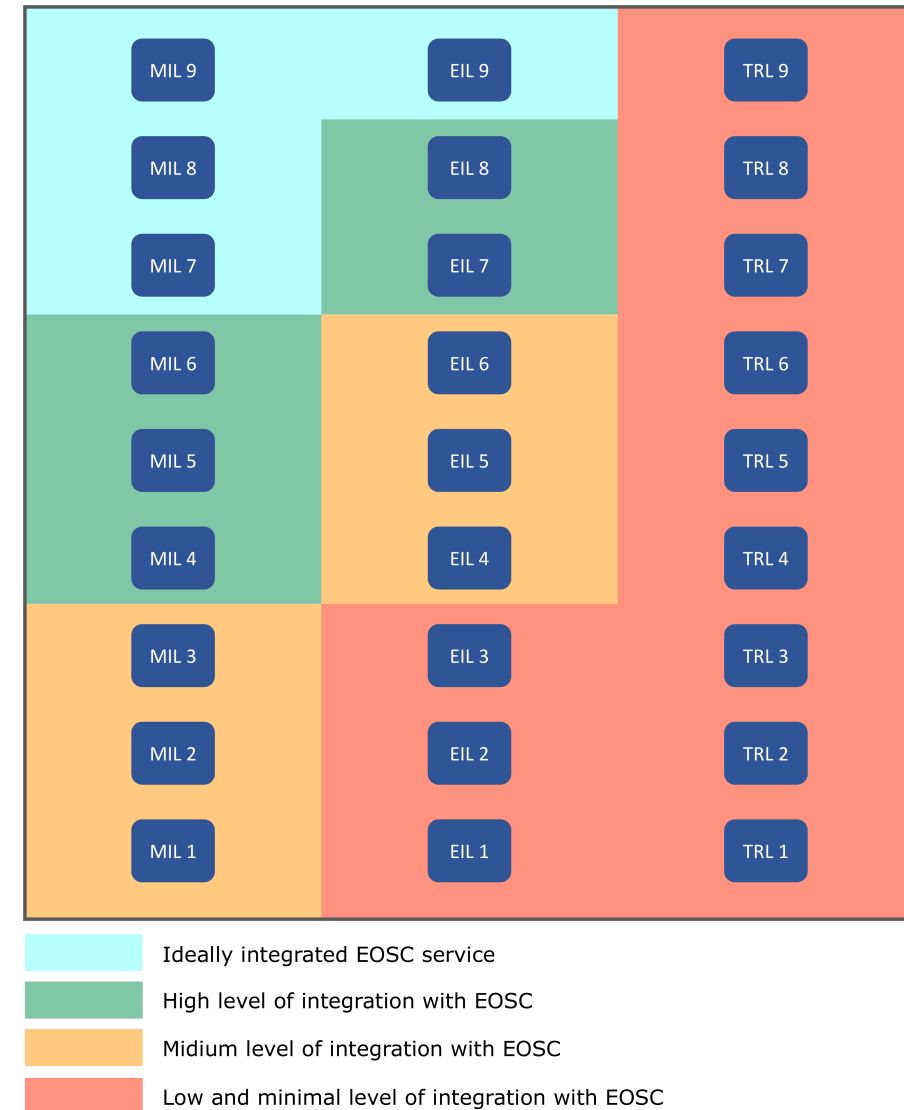


- ❑ Procedures and policies will ensure the practical implementation of various Rules of Participation
- ❑ Although resource management reflects the achieved EIL, it imposes some concrete obligations on the resource providers
- ❑ We have introduced nine different levels that the resource could reach in the integration with the project's resource management procedures and policies

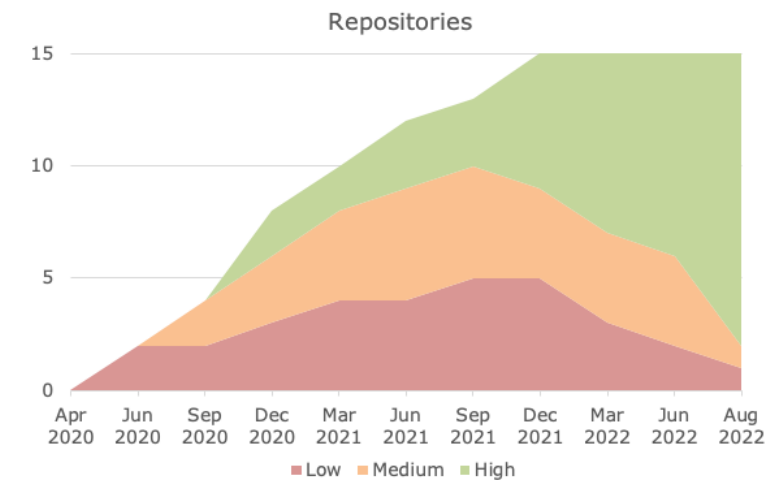
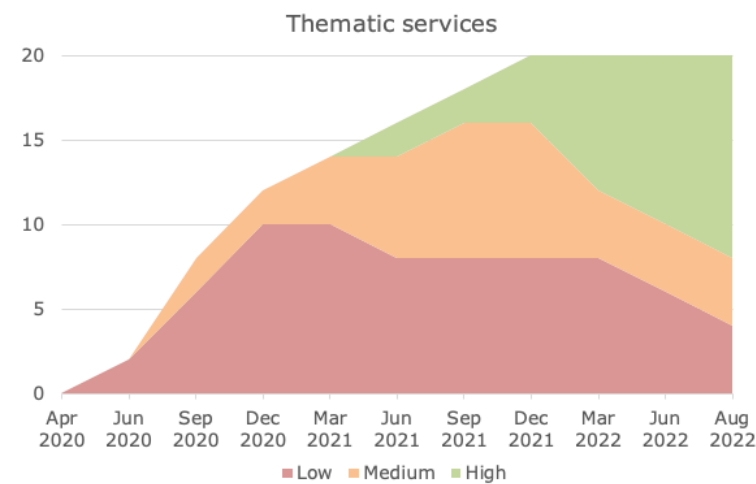
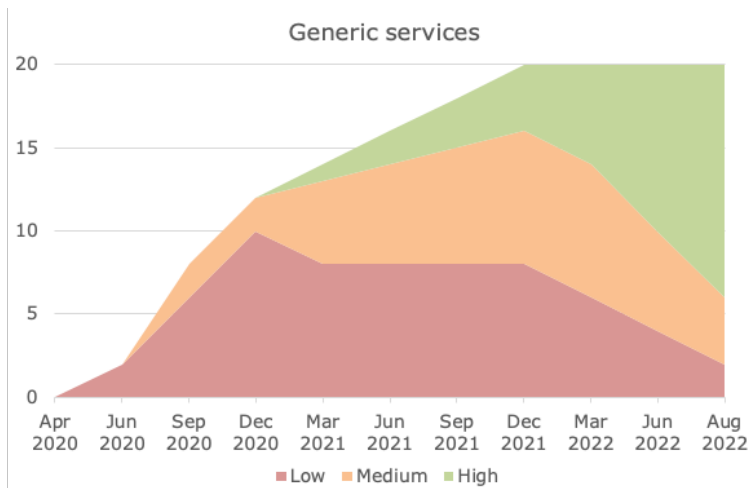
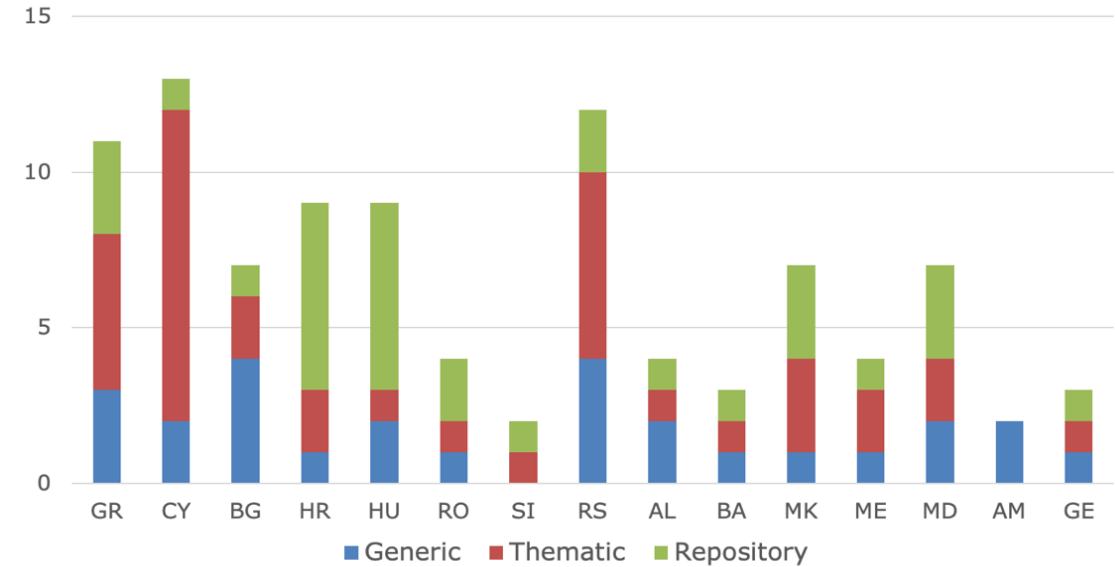


Cumulative levels of integration

- ❑ Cumulative levels of integration with EOSC
 - ❑ Low and minimal level of integration with EOSC
 - ❑ Medium level of integration with EOSC
 - ❑ High level of integration with EOSC
 - ❑ Ideally integrated EOSC resource
- ❑ Should not be considered as a static set of rules, they reflect the current EOSC development stage and will evolve through time following the EOSC expansion
- ❑ EOSC-core resources have to evolve dynamically with the EOSC-Exchange layer



- ❑ At the moment, 97 resource descriptions collected
- ❑ On-boarding timeline



- ❑ Best practices for on-boarding and related policies (D3.1)

<http://dx.doi.org/10.5281/zenodo.3736143>

- ❑ Provider landscape analysis and provider categorization (D5.1)

<https://www.dropbox.com/s/s4wafh0o22u9txg/NI4OS-Europe-WP5-UKIM-008-D5.1-k-2020-05-13.docx?dl=0>