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@EGI_eInfra

Onboarding to EOSC

Current status and planned evolution

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EOSC Future T6.1 leader



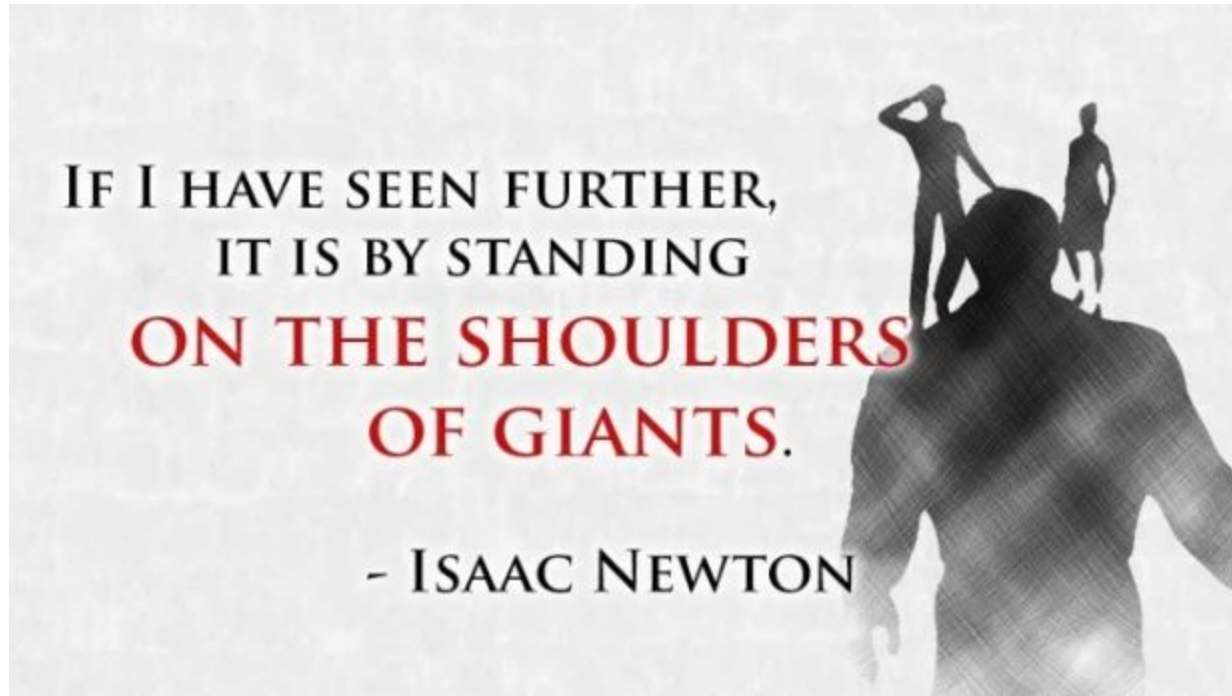
The work of the EGI Foundation
*is partly funded by the European Commission
under H2020 Framework Programme*



Five Ws (and an H)

Explaining EOSC Onboarding

- Who onboards? EOSC providers and resources
- What to onboard to? EOSC and the system of systems
- Why to onboard? EOSC integration and added value
- Where to onboard with? Via EGI, via communities or directly to EOSC
- When to onboard? Future plans for EOSC resources
- How to onboard? Next steps



Who onboards?

EOSC providers and resources

EOSC Resources

Services

Combine human activities (operations, support etc) with Research products (software, data, documentation etc)

Operational, active, delivered, managed

Data processing

Storage & archiving

Thematic environment

...

Content source

Data source

Software repo

Publisher repo

....

Research Products

Digital objects. Contain value which is realised through their examination, processing, combination or other use.

Object, storeable, FAIR

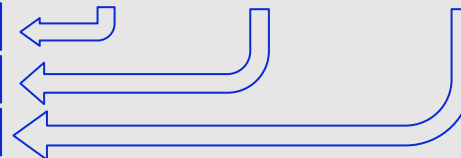
Data sets

Software

Publications

FDOs

...

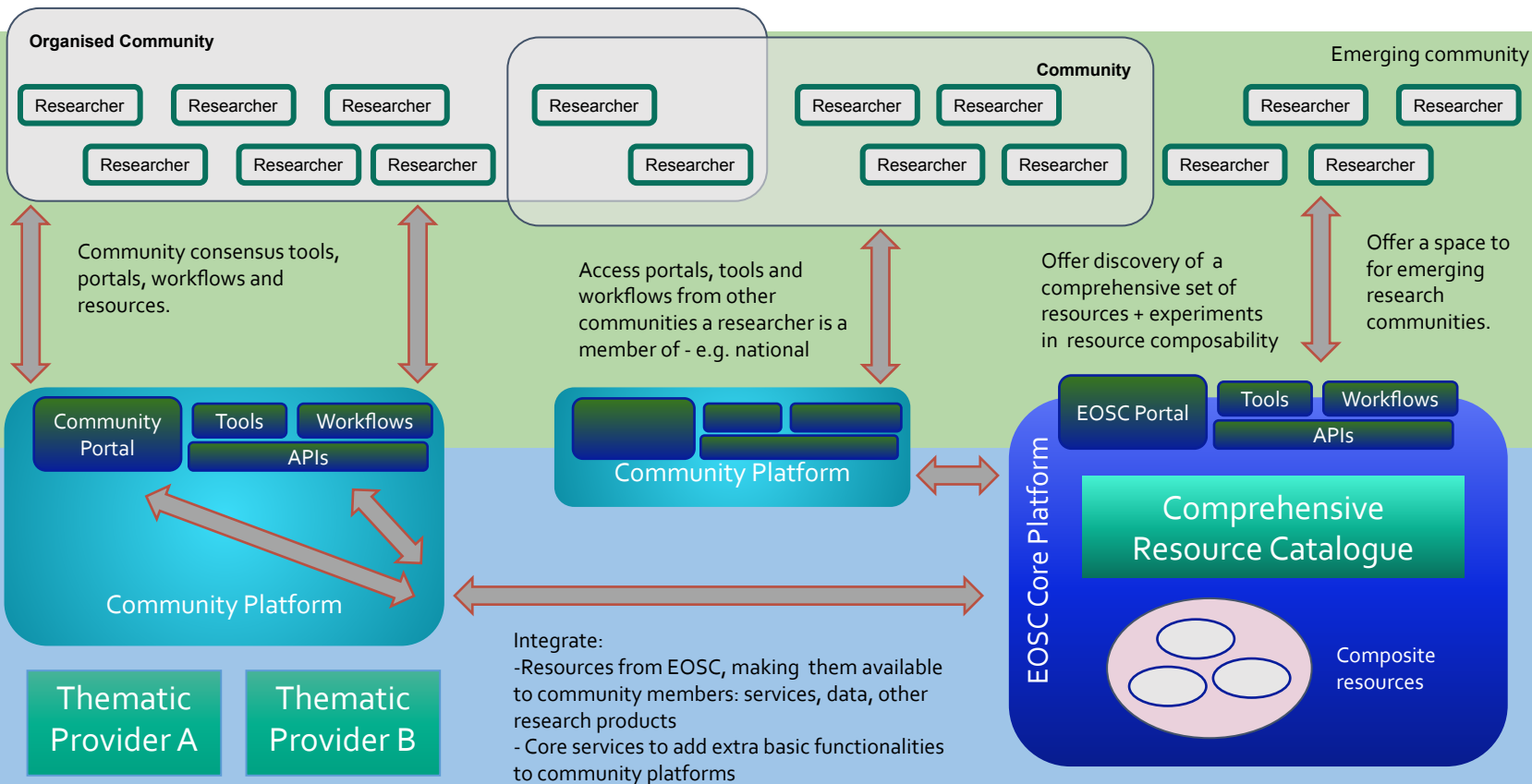


What to onboard to

EOSC and the system of systems

Research

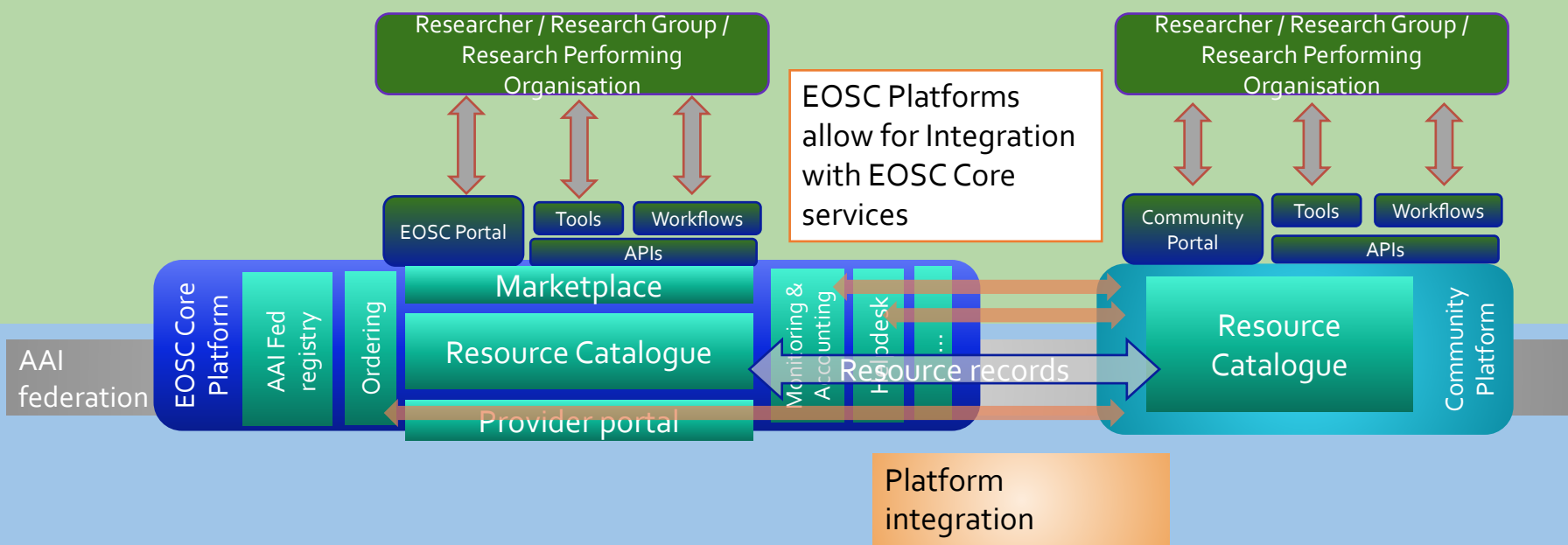
EOSC

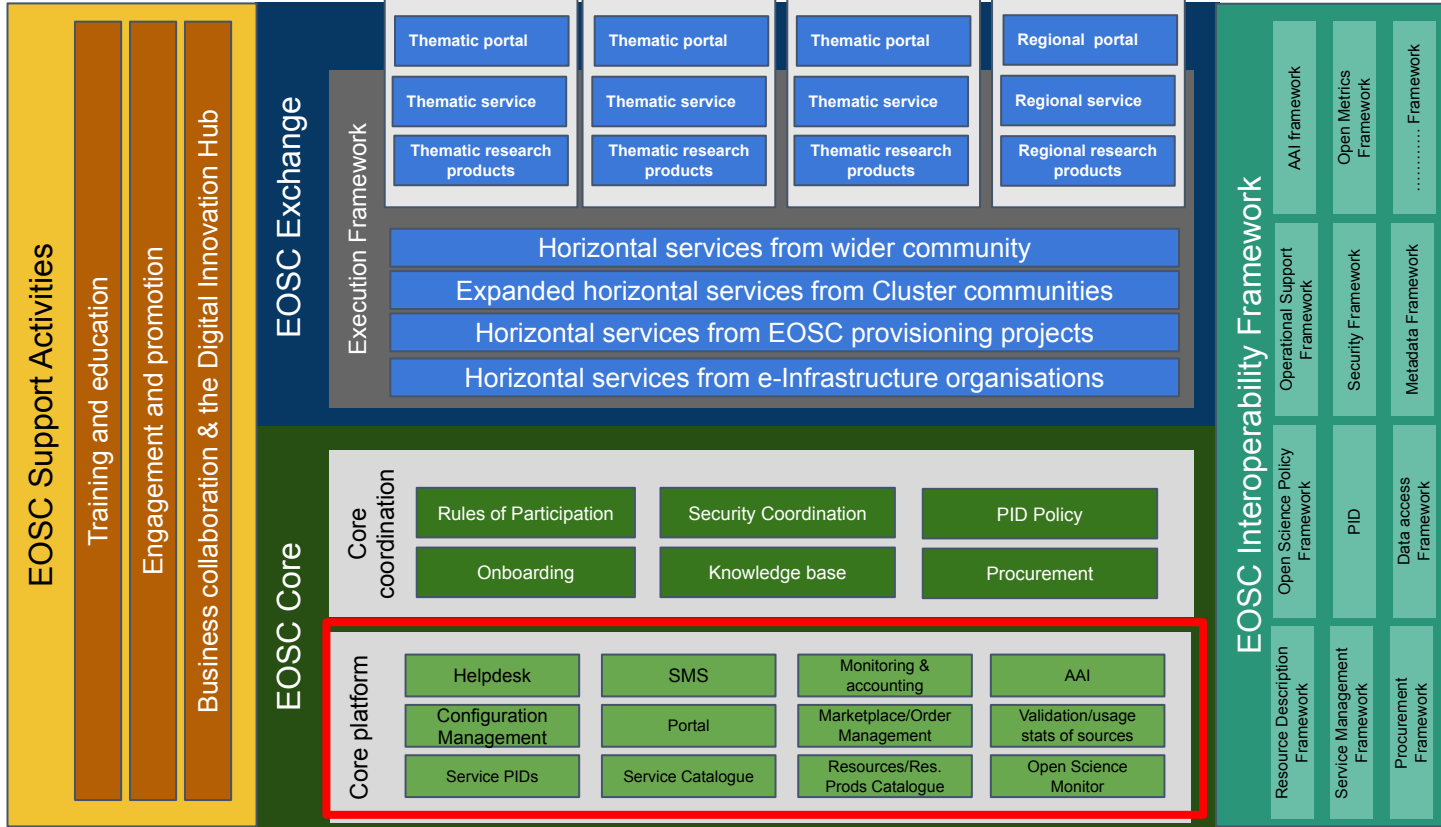


What to onboard to

EOSC and the system of systems

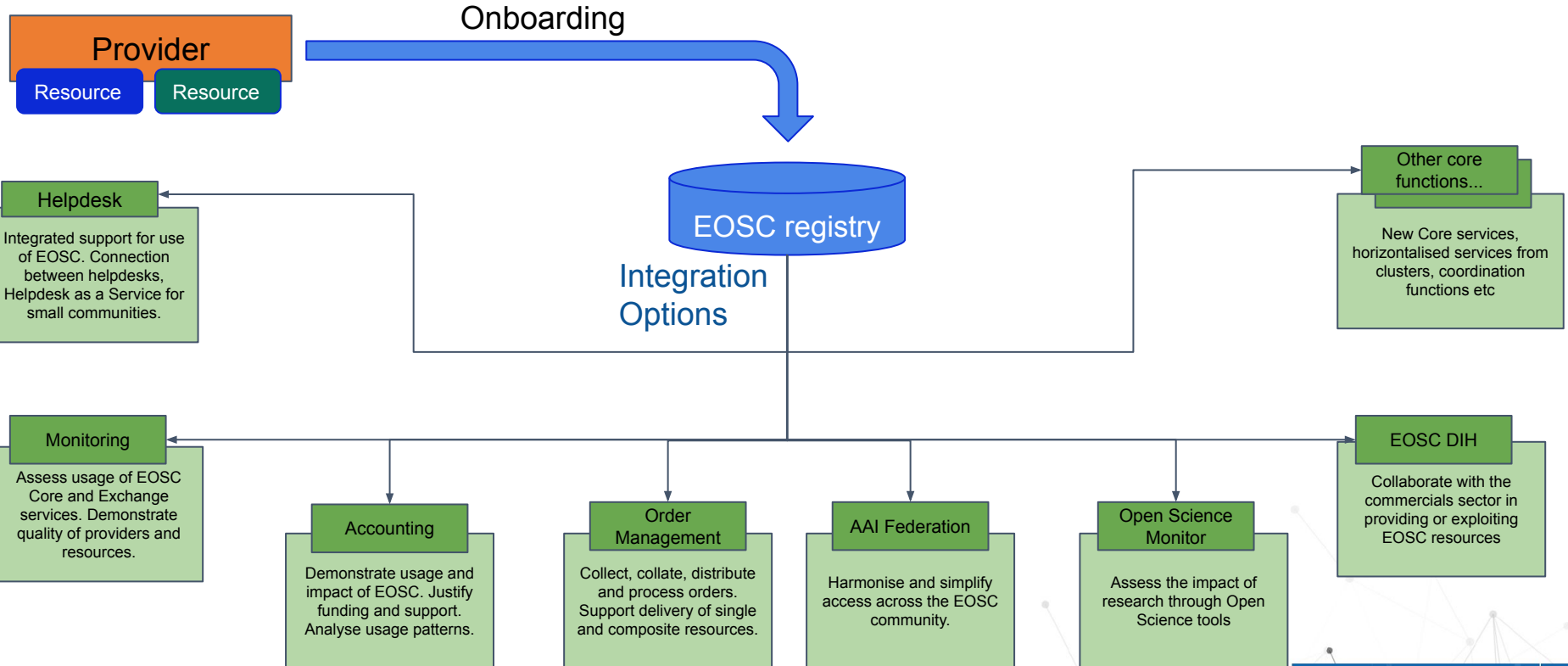
EOSC
Research





Why to onboard

EOSC integration and added value

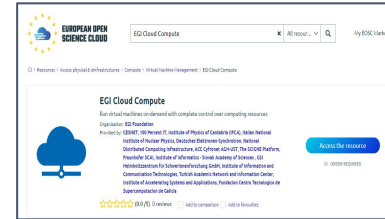


Where to Onboard

Via EGI, via communities or directly to EOSC

• Via EGI

- As part of a larger service (e.g. EGI federation HTC or cloud compute etc.)
- Building on top of EGI platform services (e.g. thematic service running on top of Cloud Container compute)
- Using EGI internal services to support your service (e.g. Monitoring, Accounting) for easier EOSC integration



• Via community organisations

- Onboard to community catalogue (thematic, regional etc)
- Expose to similar communities to your own
- Eventual ingestion to EOSC planned



• Directly to EOSC registry

- Onboard provider, then resources, via the web or API
- Get (nearly) immediately listed on EOSC marketplace
- EGI can offer advice and support



When to Onboard (1/2)

Future plans for EOSC resources

- Catalogue integration
 - Pilot with NI4OS Europe - test technical operation. Further pilots planned
- Harmonising agreements
 - Discussions with regional and thematic catalogues, Harmonise Terms of Use across catalogues
 - Move toward catalogue-catalogue agreement on sharing provider and resource records
- Improve processes and Automation
 - More automation in validation. Faster workflow for quicker onboarding.
- Promoting integration
 - Clarify 'integration menu' of options following onboarding. Supported by EOSC Future activity.



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How to Onboard

Next steps

- Via EGI
 - Contact support@egi.eu to discuss options
- Via Communities
 - Contact community organisers / representatives from your cluster, region etc.
- Via EOSC directly
 - Go to <https://providers.eosc-portal.eu/>
 - Support via onboarding@eosc-portal.eu



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Thank you for your attention.



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