EOSC Future KER1 EOSC Core

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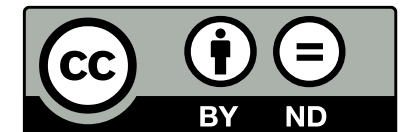
EOSC Core

What is the EOSC Core?

- Essential set of internal services and support activities which allow EOSC to operate

- Enable the EOSC Federation

What does EOSC Core offer?

- Provides a common channel through which to share and access a multitude of research services and resources

- Removes fragmentation

- Enables collaboration between adjacent research communities (cross-disciplinary collaboration)
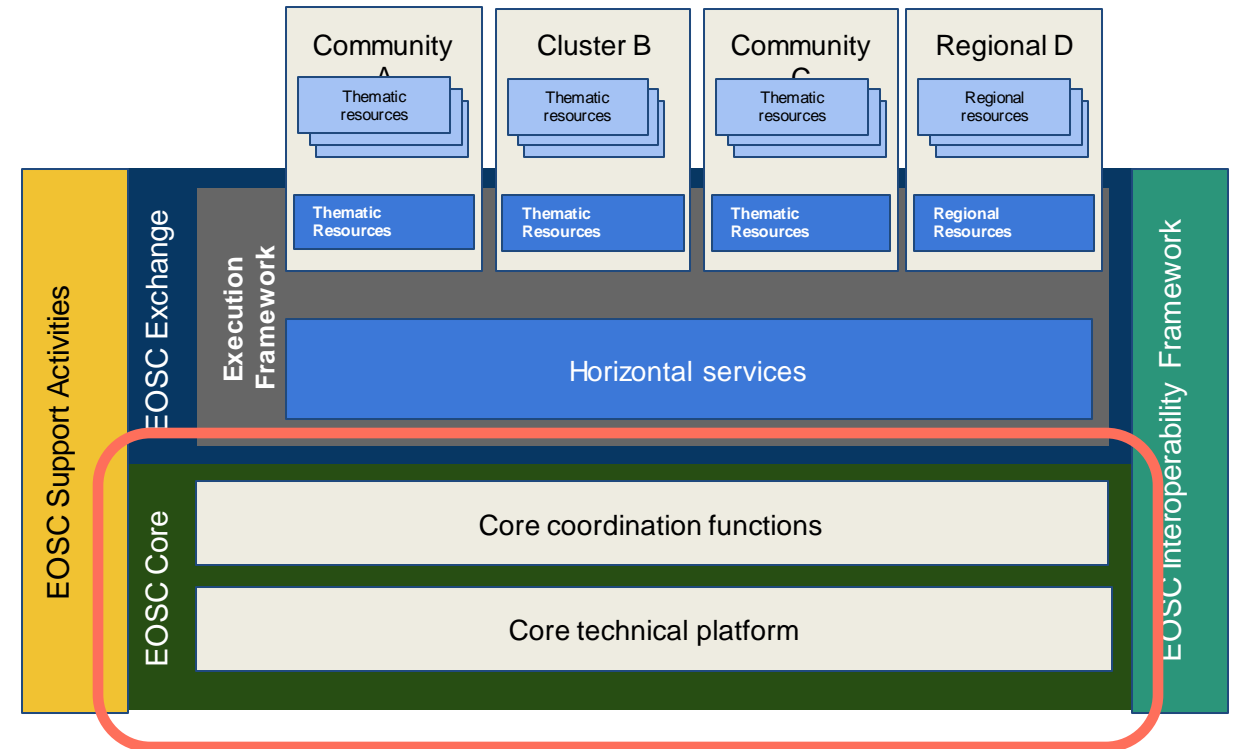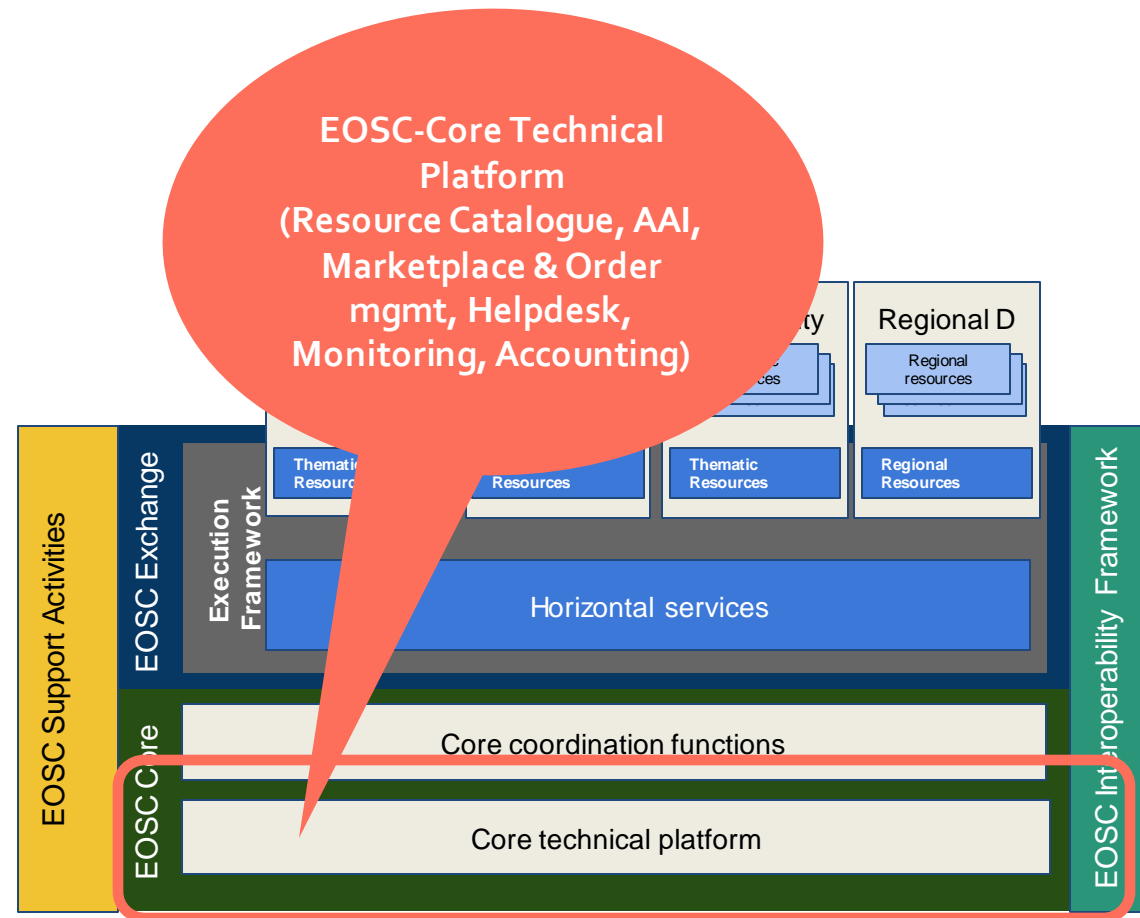

EOSC Architecture and EOSC Core

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EOSC Core Services

Homogeneous User Experience in EOSC

- **Common service description** (Resource Catalogue)

- **Single Sign-On** (AAI Federation)

- **Common Access Channels** (Marketplace & Order Management)

- **Common support channels** (Helpdesk)

- **Certified quality of services** (Monitoring)

- **Usage of Resources** (Accounting)

EOSC-Core Technical Platform (Resource Catalogue, AAI, Marketplace & Order mgmt, Helpdesk, Monitoring, Accounting)

Regional D

Regional resources

Thematic Resources

Resources

Thematic Resources

Regional Resources

EOSC Support Activities

EOSC Exchange

Execution Framework

Horizontal services

EOSC Core

Core coordination functions

Core technical platform

EOSC Interoperability Framework

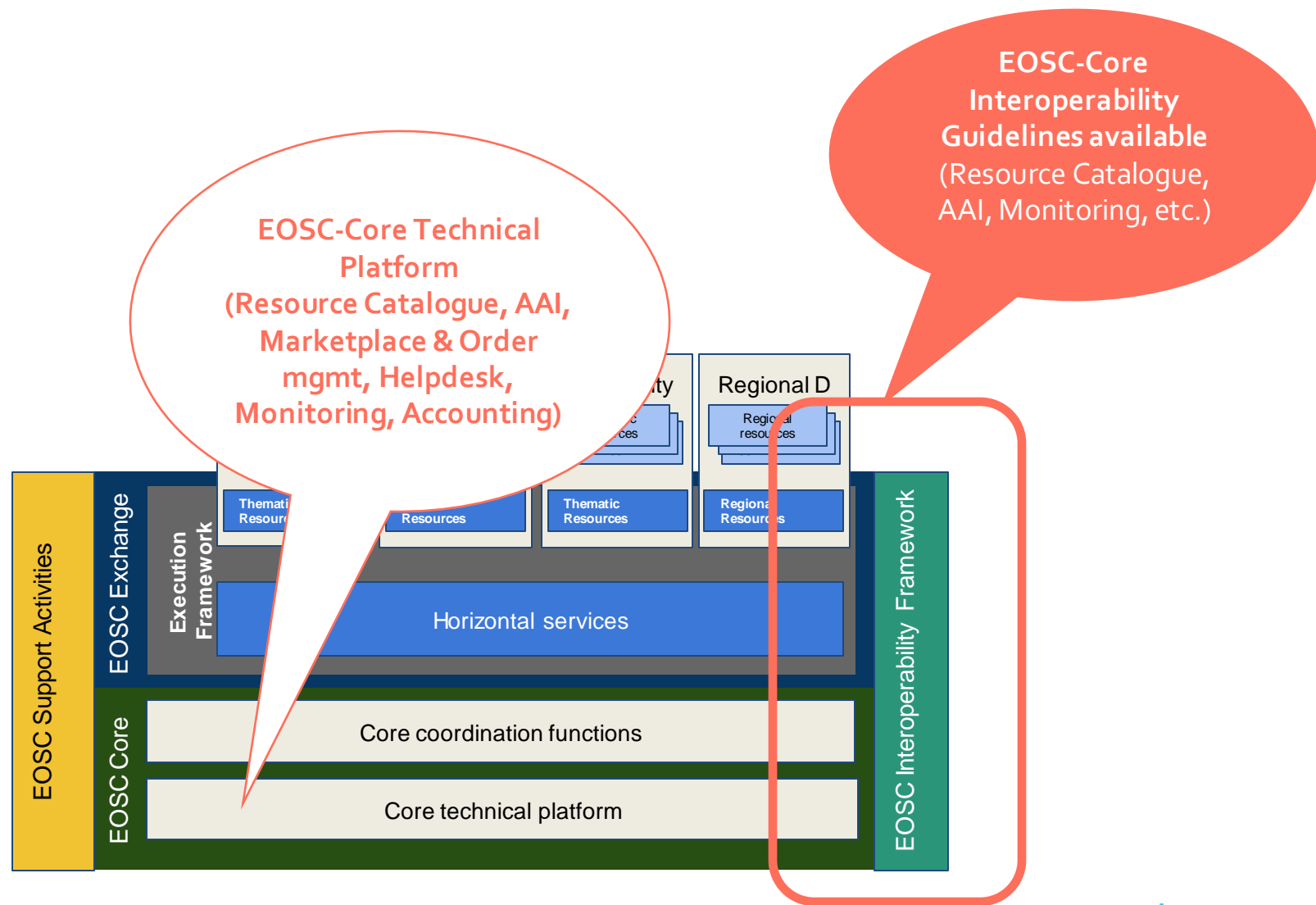EOSC Future

EOSC Federation Model

EOSC Core Interoperability Guidelines

- Key elements of the **EOSC Interoperability Framework**
- Describe how providers can *integrate* their services with EOSC Core
- **Integration options**
- Available in the [EOSC Future wiki](#) (soon in Zenodo)

EOSC-Core Technical Platform
(Resource Catalogue, AAI, Marketplace & Order mgmt, Helpdesk, Monitoring, Accounting)

EOSC-Core Interoperability Guidelines available
(Resource Catalogue, AAI, Monitoring, etc.)

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https://eosc-portal.eu/for-providers
https://providers.eosc-portal.eu/home
https://eosc-portal.eu/eosc-providers-hub **(under construction)**

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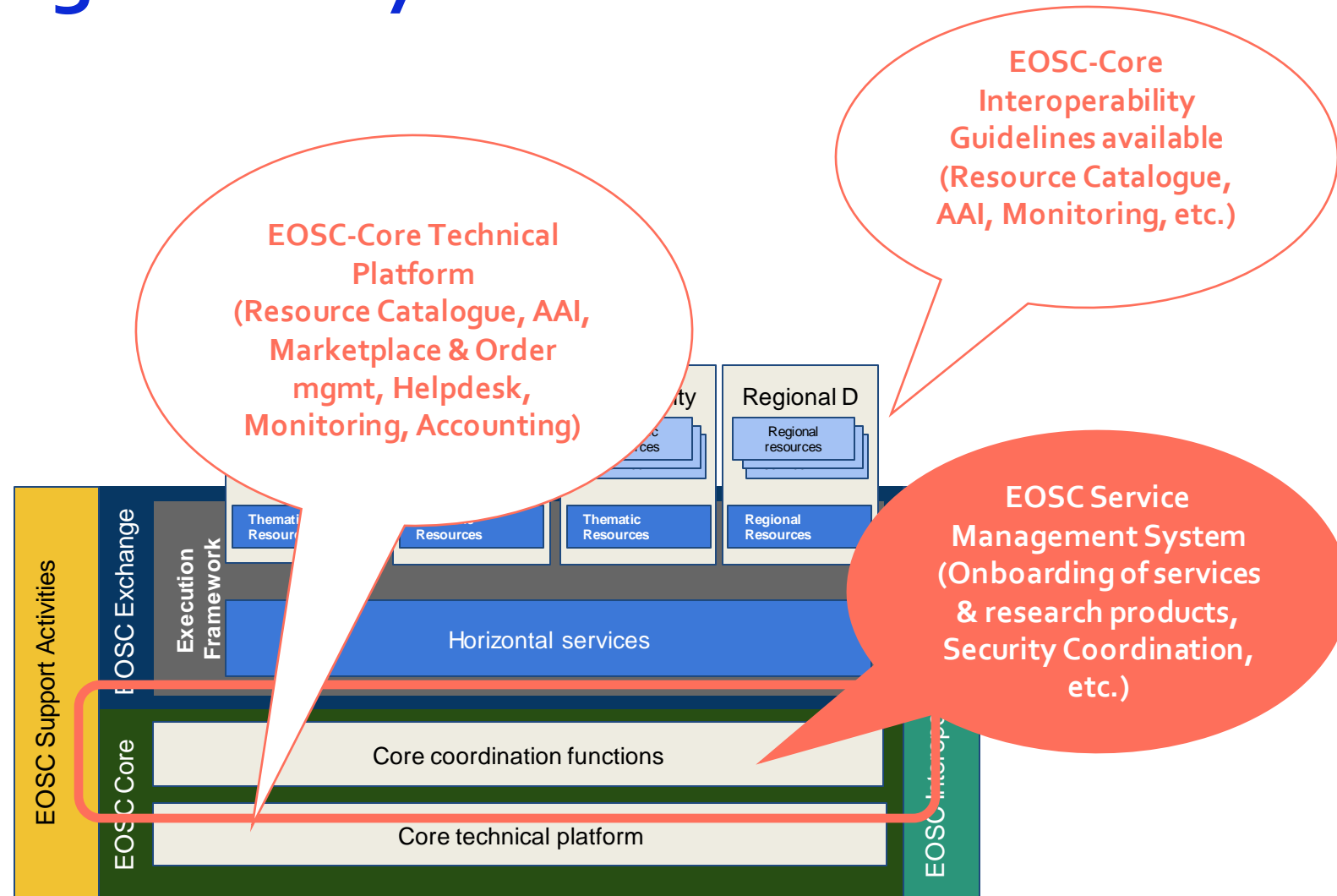
EOSC Service Management System

EOSC-Core Services professionally operated

- Procedure and policies to operate EOSC
- Operations of the EOSC-Core services
- Onboarding of services and research products
- Security Coordination
- Coordination of the deployment of multiple interrelated components (advanced Change Management and Release & Deploy Management process)

EOSC-Core Interoperability Guidelines available (Resource Catalogue, AAI, Monitoring, etc.)

EOSC-Core Technical Platform (Resource Catalogue, AAI, Marketplace & Order mgmt, Helpdesk, Monitoring, Accounting)

EOSC Service Management System (Onboarding of services & research products, Security Coordination, etc.)

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Thank you for your attention

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