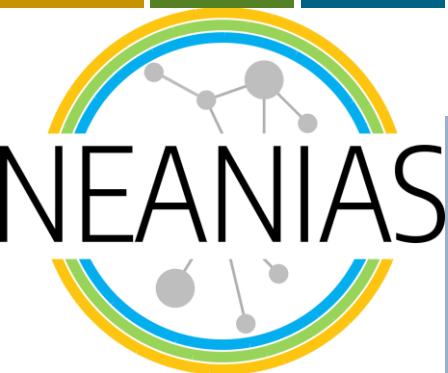


# Enabling and delivering innovative services in NEANIAS

## NEANIAS Technical Overview

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Novel EOSC Services for Emerging  
Atmosphere, Underwater & Space  
Challenges

[www.neanias.eu](http://www.neanias.eu)

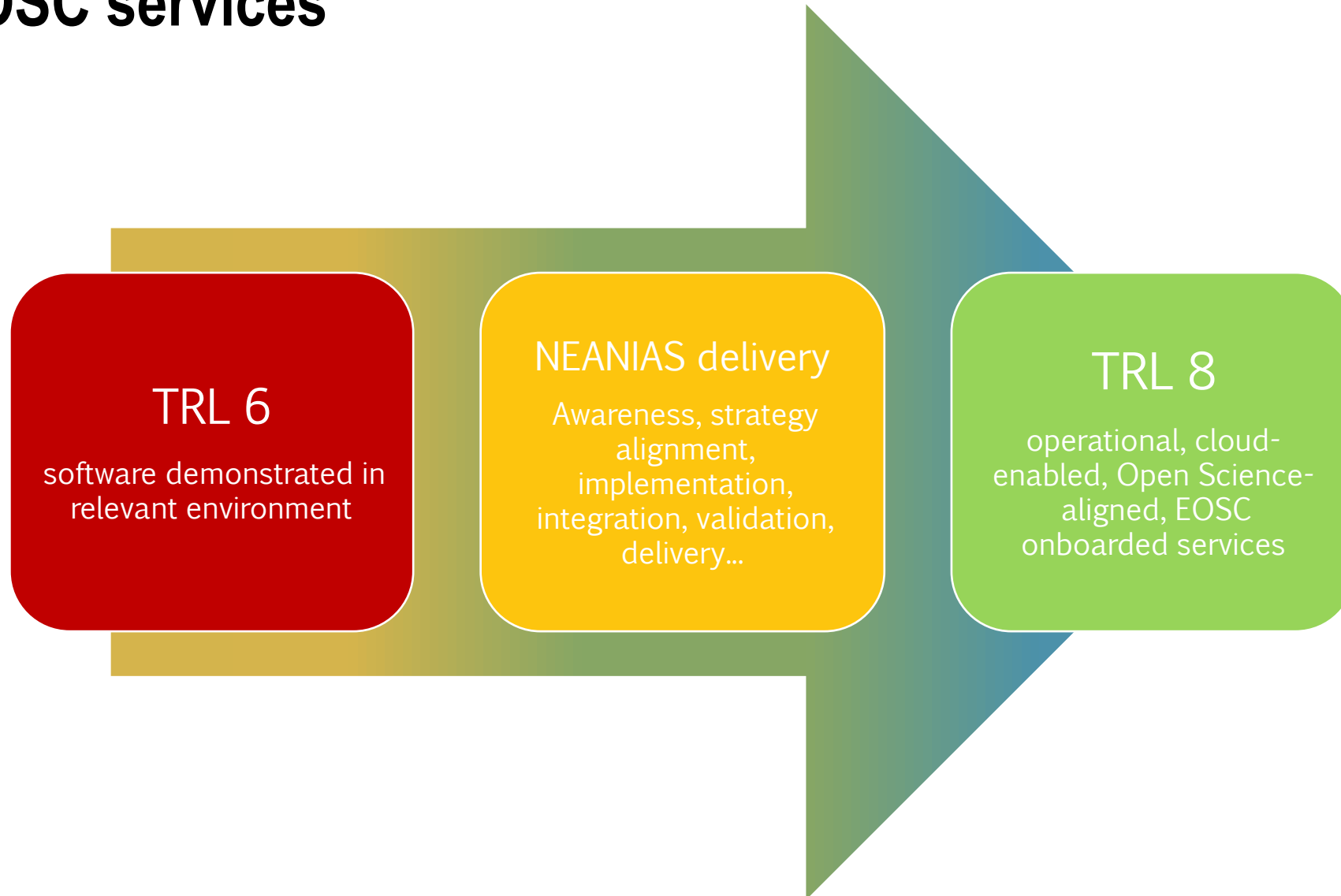
NEANIAS receives funding from  
European Union under Horizon  
2020 Research and Innovation  
Programme under grant  
agreement No. 863448



# Outline

- › The challenge
- › Achievements
- › What it took
- › Principles
- › Procedures
- › Architecture & Core services
- › Heads-up

# The challenge: from TRL6 demonstrators to operational EOSC services



# Achievements accomplished

## EOSC ready

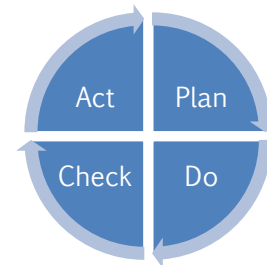


- › EOSC onboarded services
- › Enabling FAIR Data Handling
- › Contributing to Open Science
- › User onboarding process
- › Monitored and Accountable KPIs
- › Structured Privacy Policy, Terms of Use & Service Level Agreements



## Processes – Service Management System

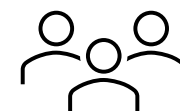
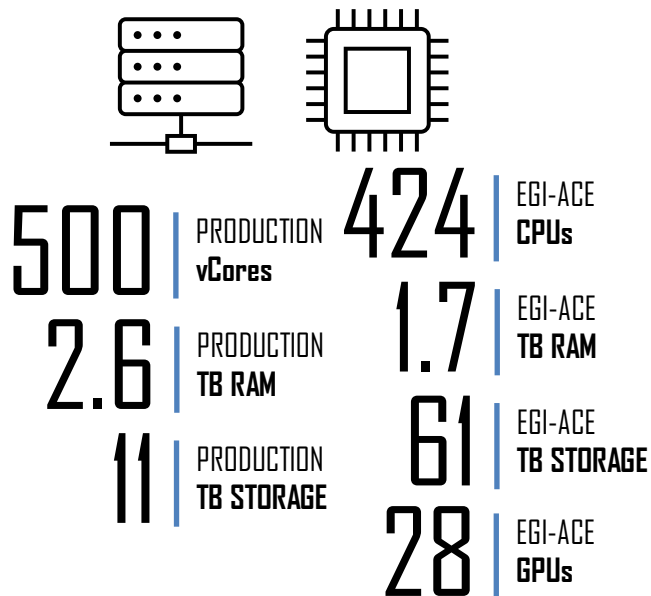
- › Service Level Management
- › Customer Relationship Management
- › Incidents & Service Requests
- › Change Management, Release and Deployment
- › Continual Improvement



## Technically sound



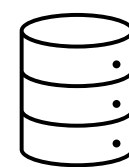
- › Service Oriented Architecture
- › Cloud ready packaging
- › High availability deployment
- › Quality Assurance procedures
- › Build on Core & EOSC Services



> 1200 ENGAGING USERS

8 INSTITUTIONAL INFRASTRUCTURES

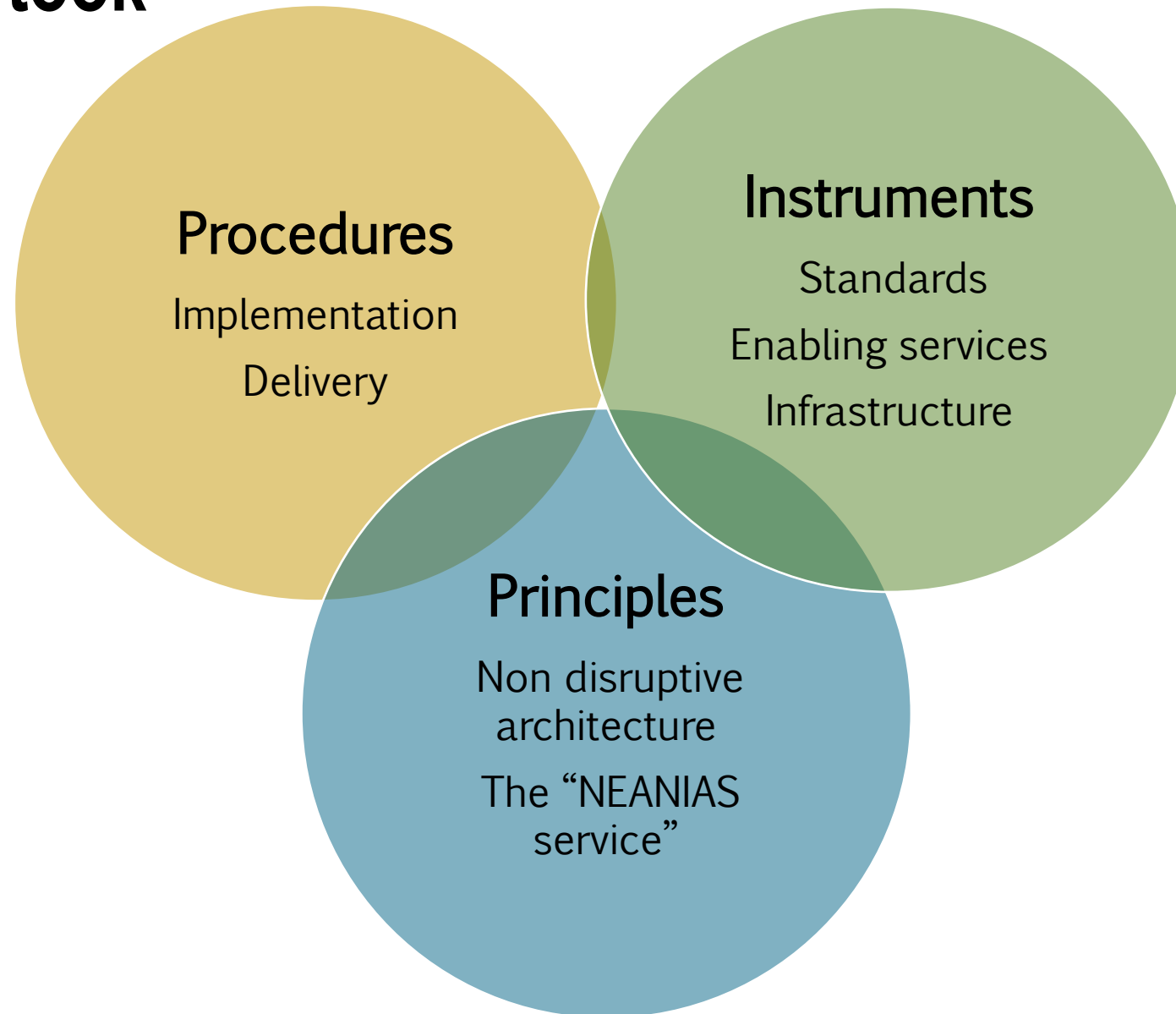
3 FAILOVER REGIONS



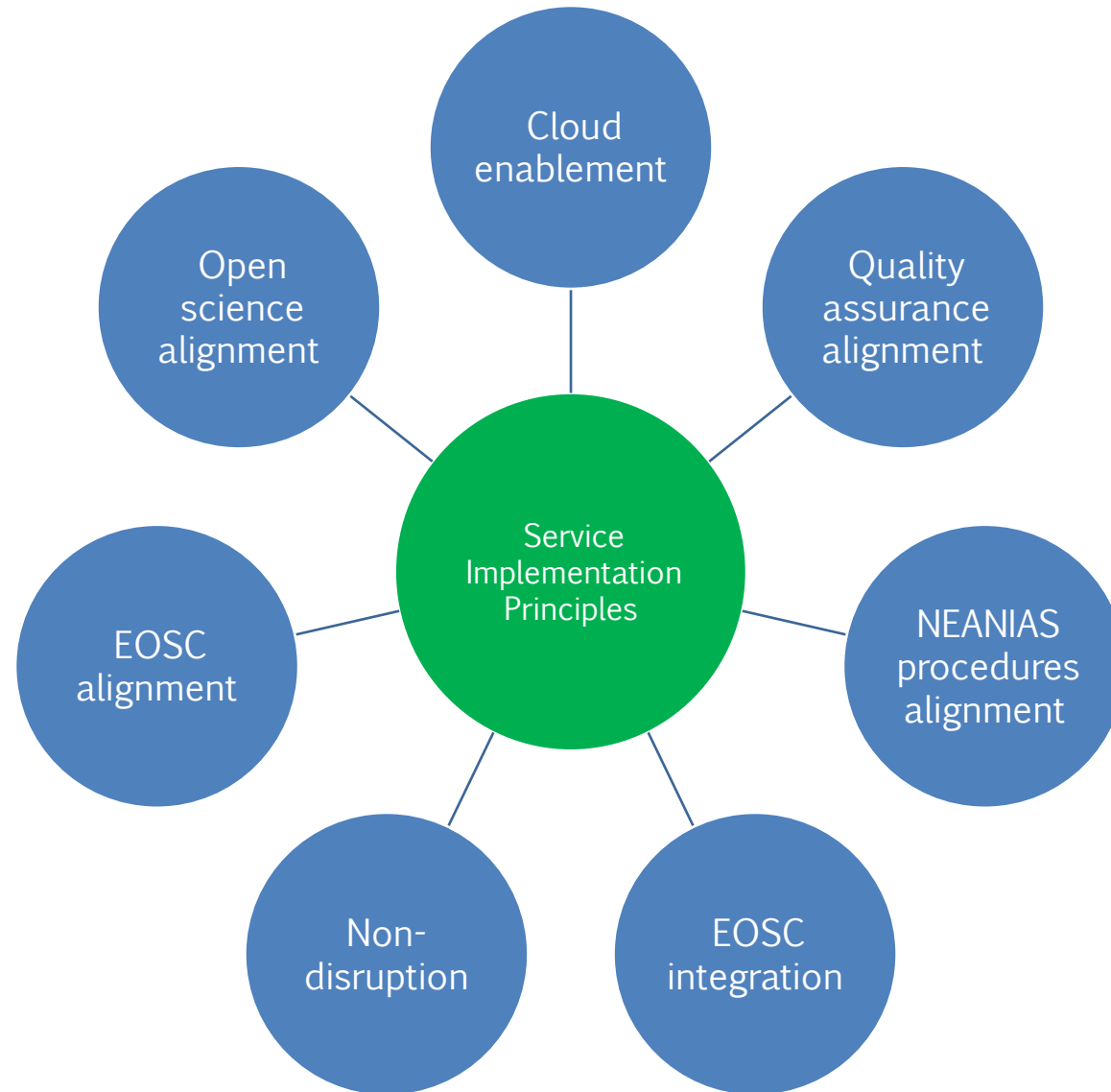
> 99.9% MEASURED AVAILABILITY

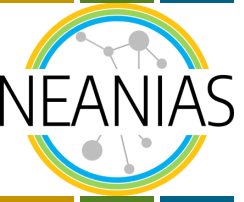
> 99.9% MEASURED RELIABILITY

# What it took

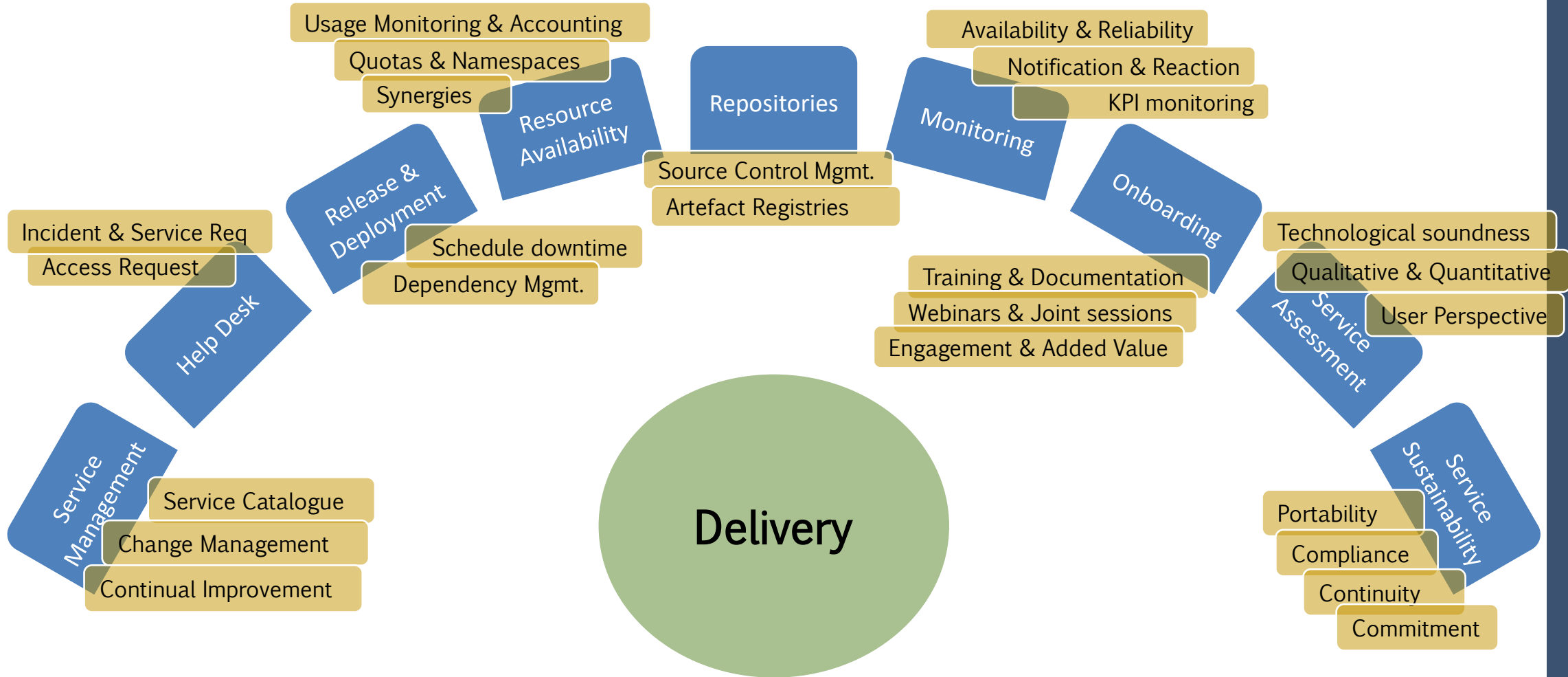


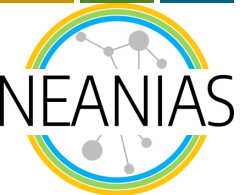
# Principles



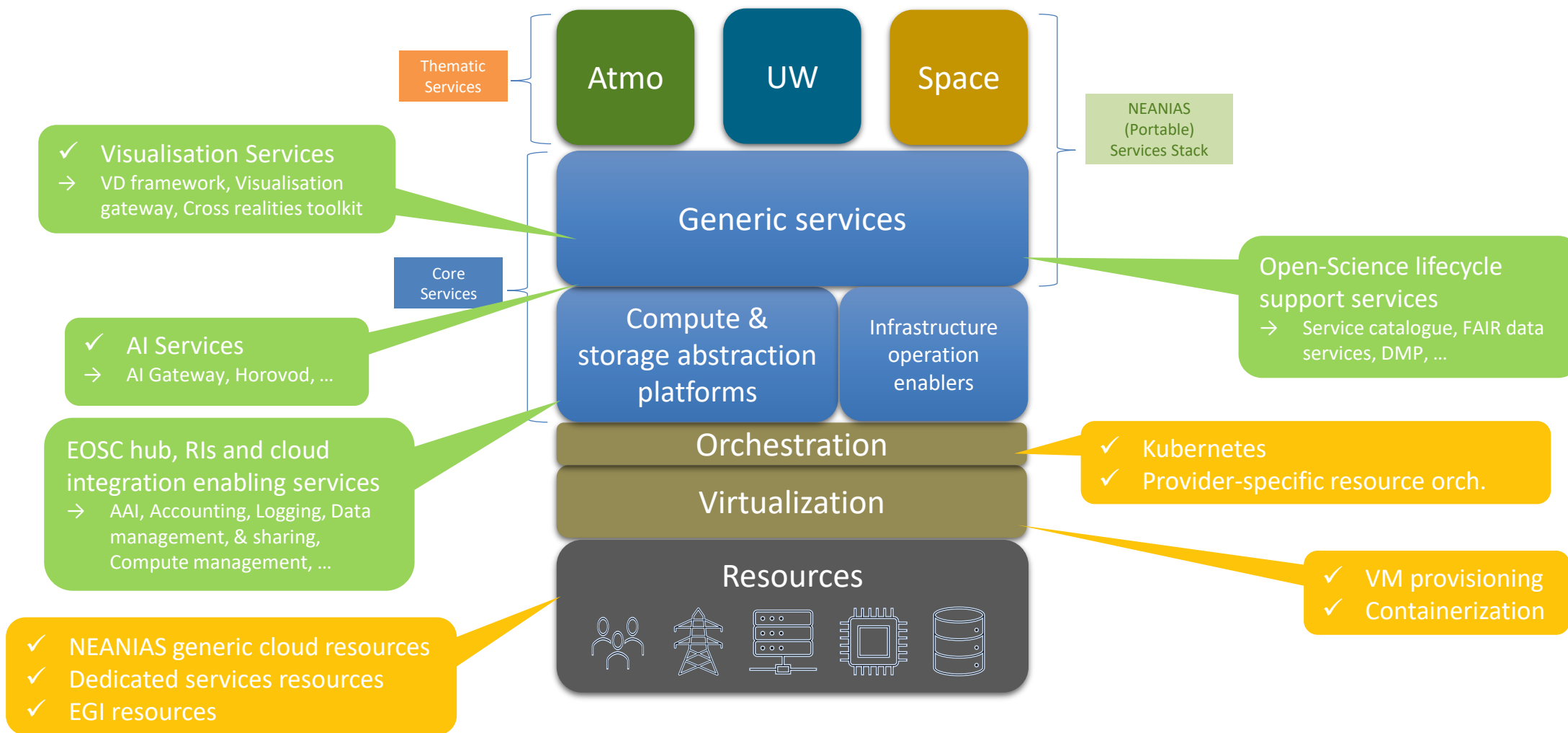


# Delivery process





# The NEANIAS stack

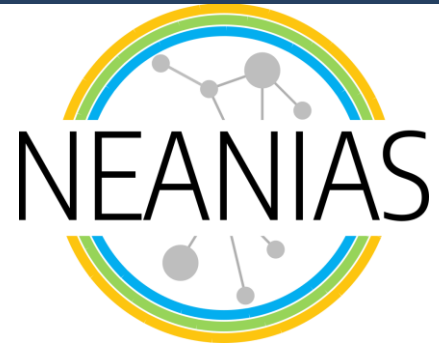






# Heads up

- › Still progressing and working on services
- › Sustaining NEANIAS services past the NEANIAS Project
  - Single responsible organization for each service
  - Not an ending project
  - Partner commitment & resource availability
  - Processes matured & will continue being followed
- › Join us tomorrow...



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# Thank you!

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2022-09-22

NEANIAS OPEN EVENT - SANT CUGAT DEL VALLÈS, BARCELONA