



Europe and its Open Science Cloud

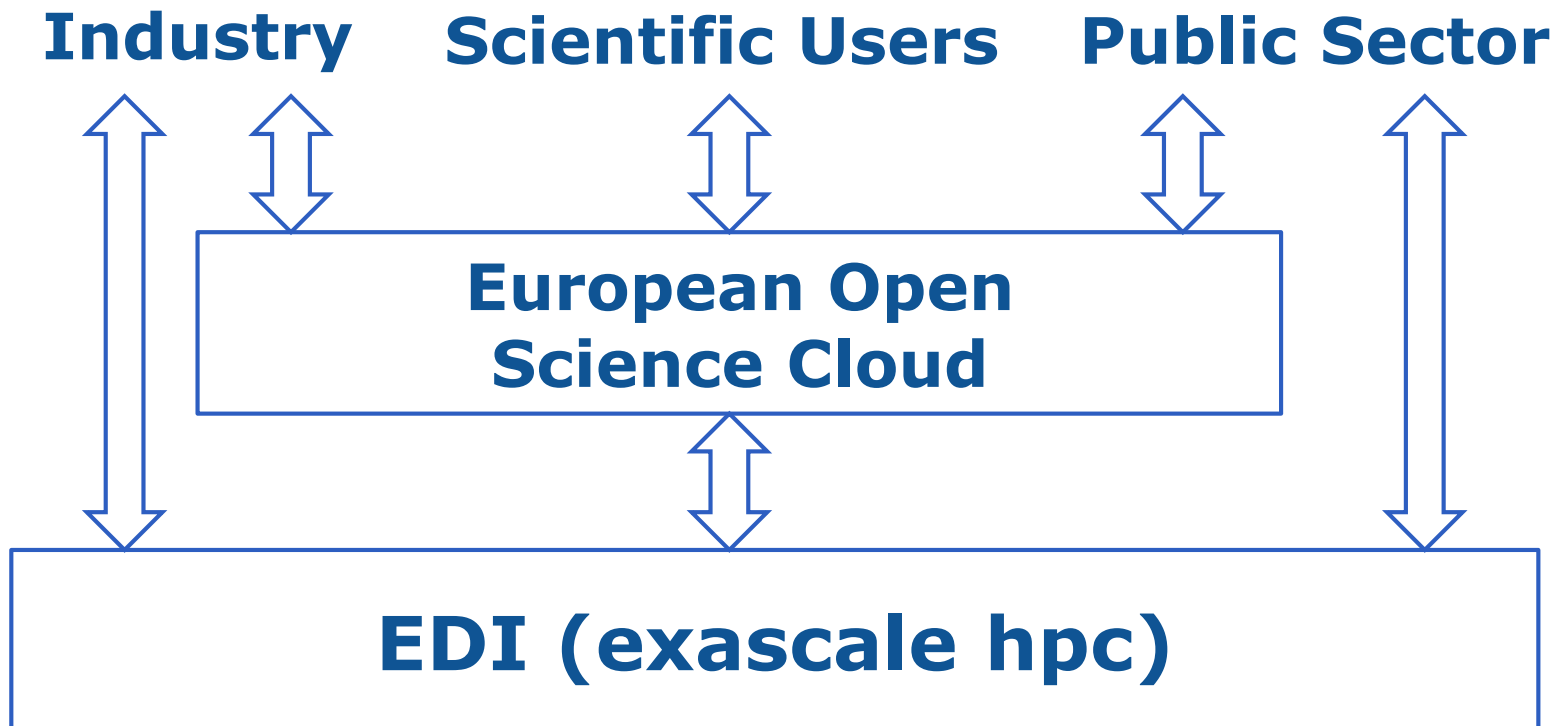
Plan-E meeting
Poznan, PSNC, Poland
27 April 2017

Augusto BURGUEÑO ARJONA
Head of Unit e-Infrastructure and Science Cloud
DG CNECT - European Commission

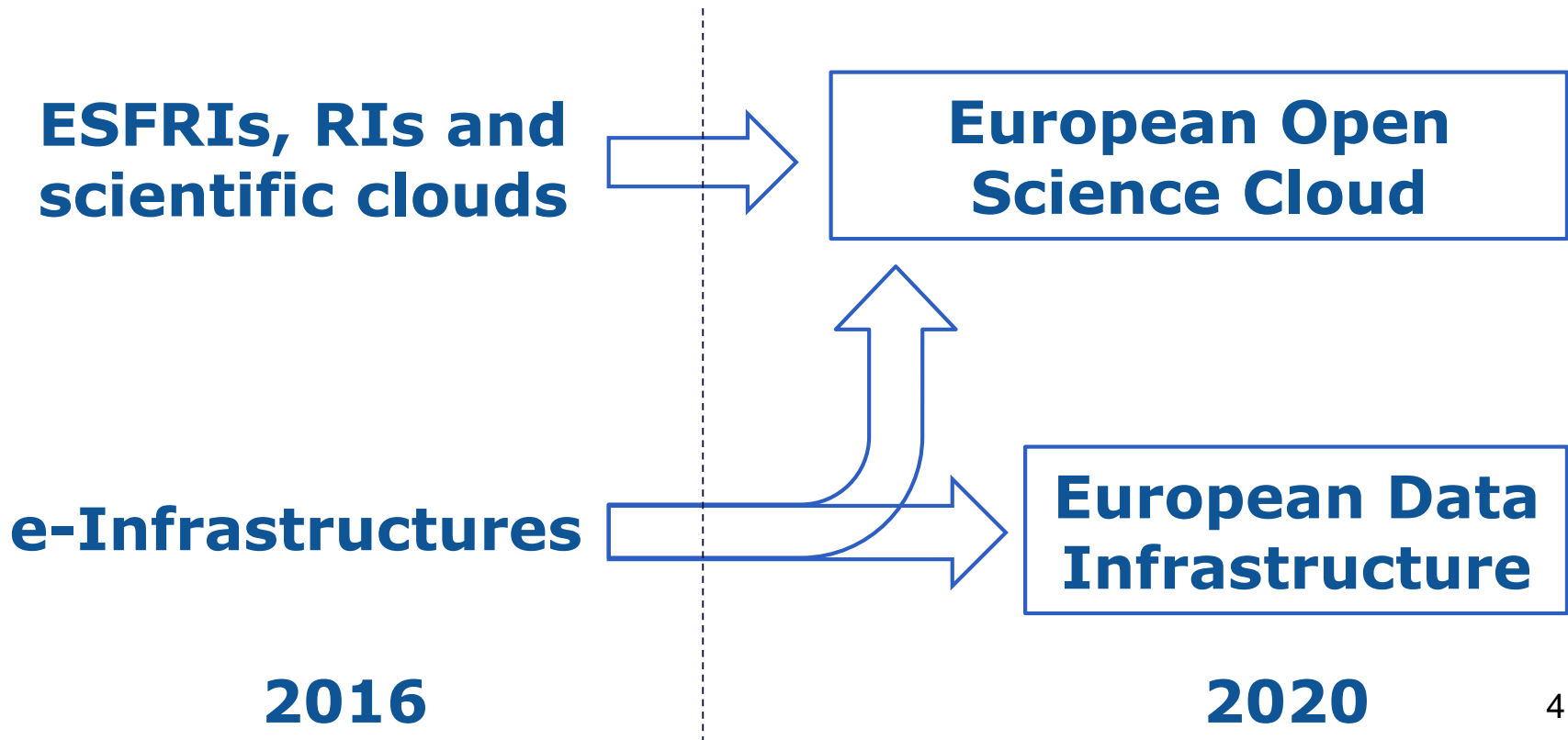
The European Cloud Initiative

- *European Open Science Cloud (EOSC)*
 - **Integration and consolidation of e-infrastructures**
 - **Federation of existing research infrastructures and scientific clouds**
 - **Development of cloud-based services for Open Science**
 - **Connection of ESFRIs to the EOSC**
- *European Data Infrastructure (EDI)*
 - **Development and deployment of large-scale European HPC, data and network infrastructure**
- *Widening access*
 - **SMEs, Industry at large, Government**

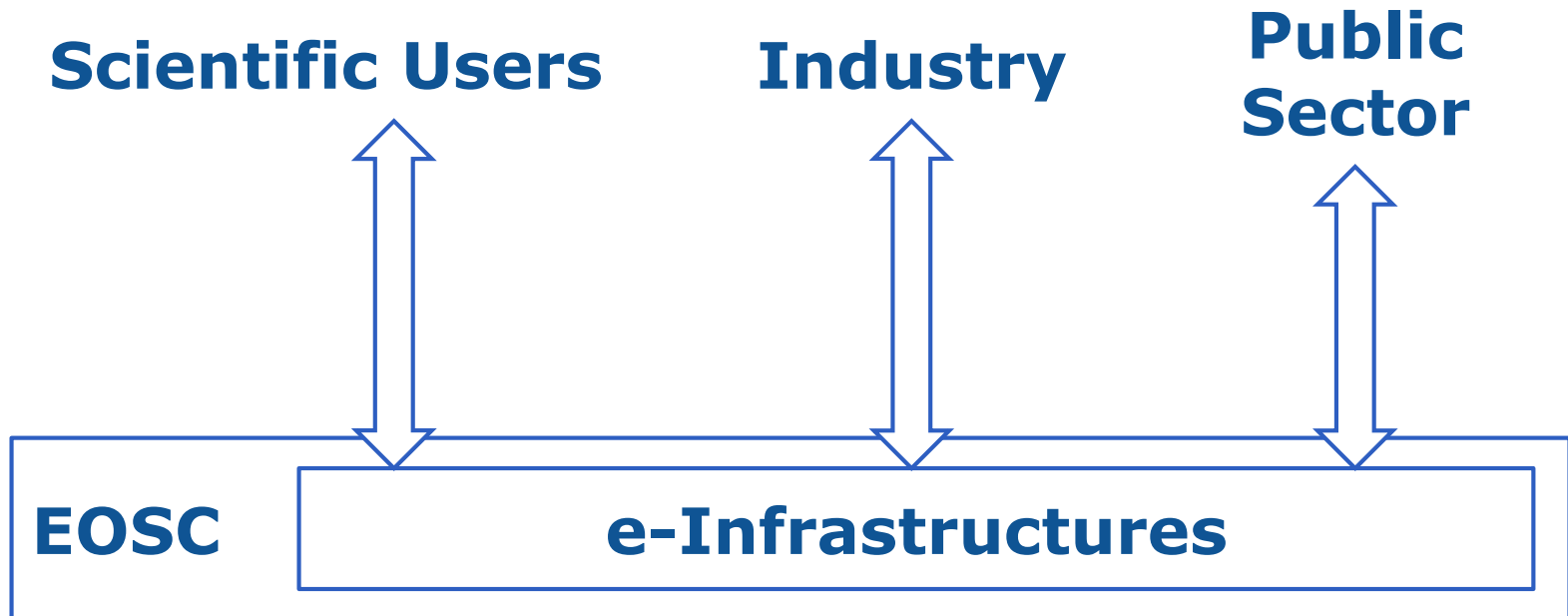
EOSC & EDI: Static View on Year 2020 (over-simplification)



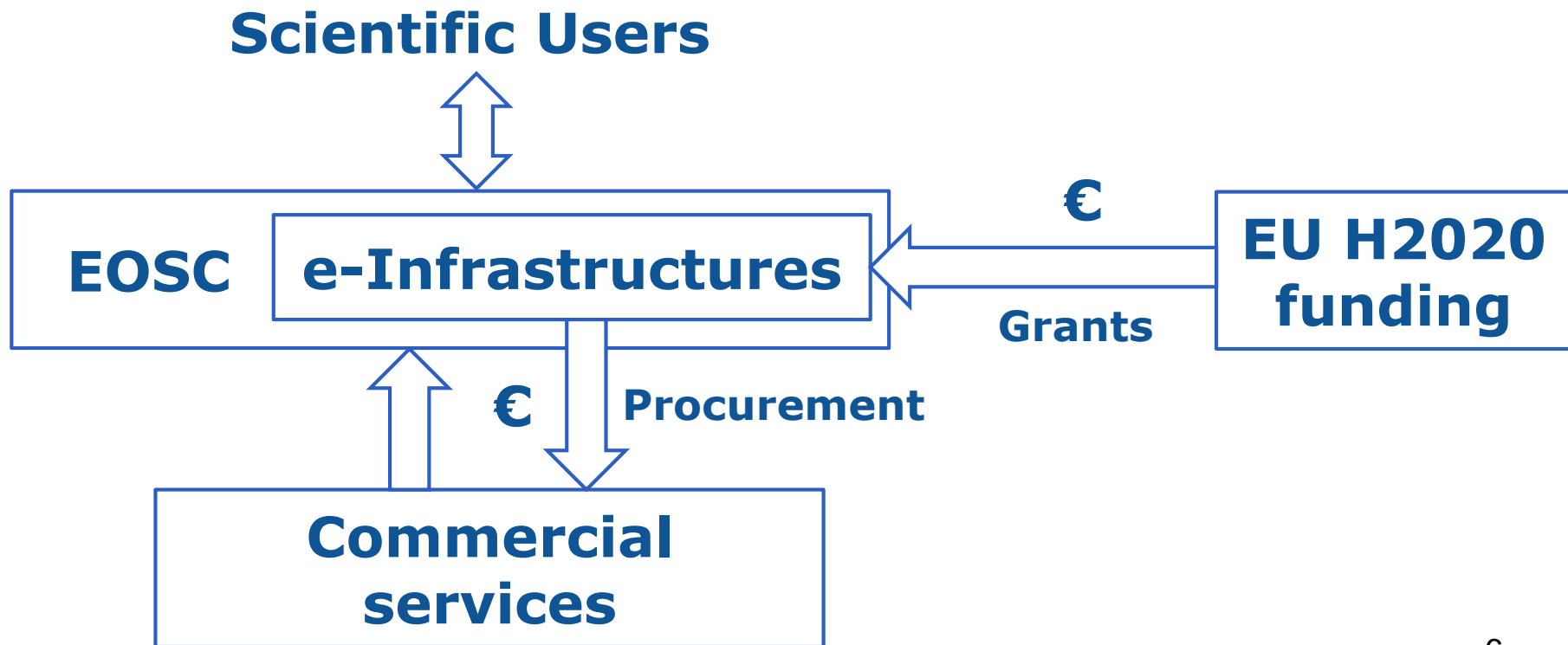
EOSC & EDI: Dynamic View from 2016 to 2020 (over-simplification)



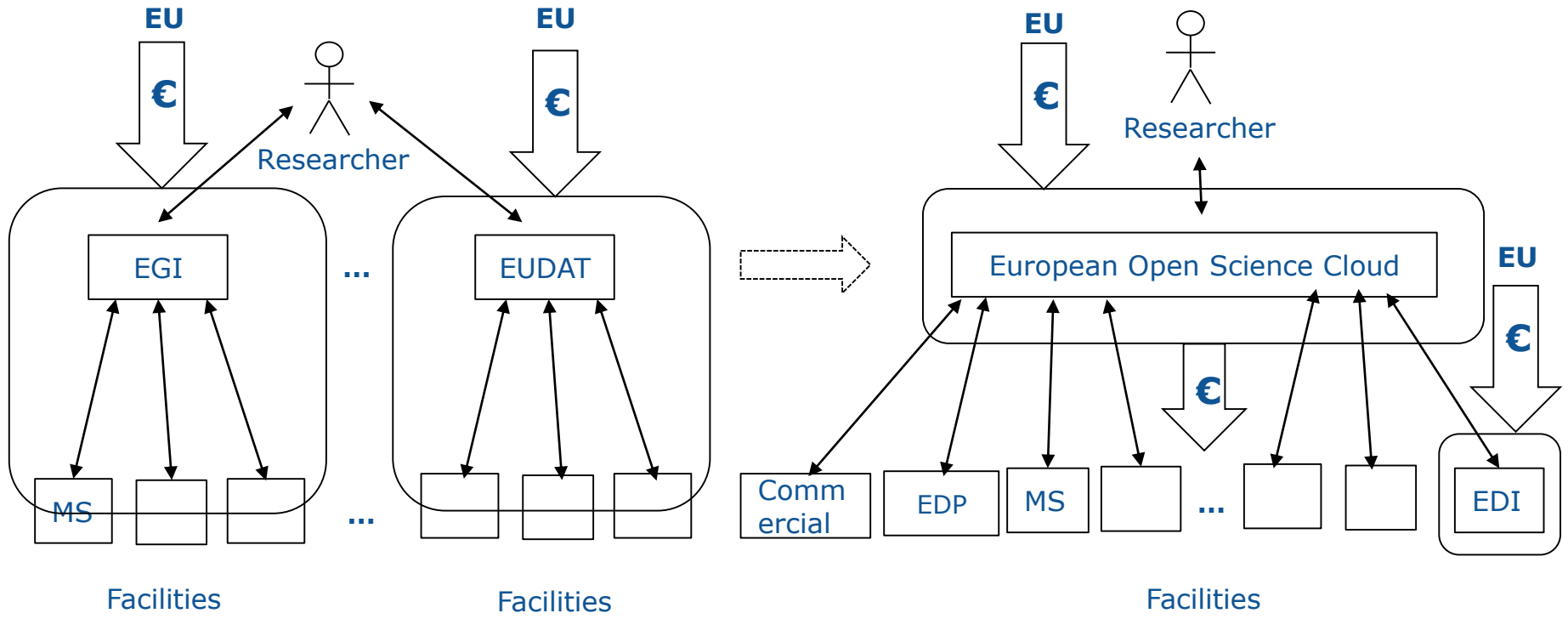
Widening access (1/2): e-Infrastructures as service providers



Widening access (2/2): e-Infras as aggregators of demand



Users, suppliers and access channels



TODAY

FUTURE

Contribution of e-Infrastructure (H2020 Excellence in Science)

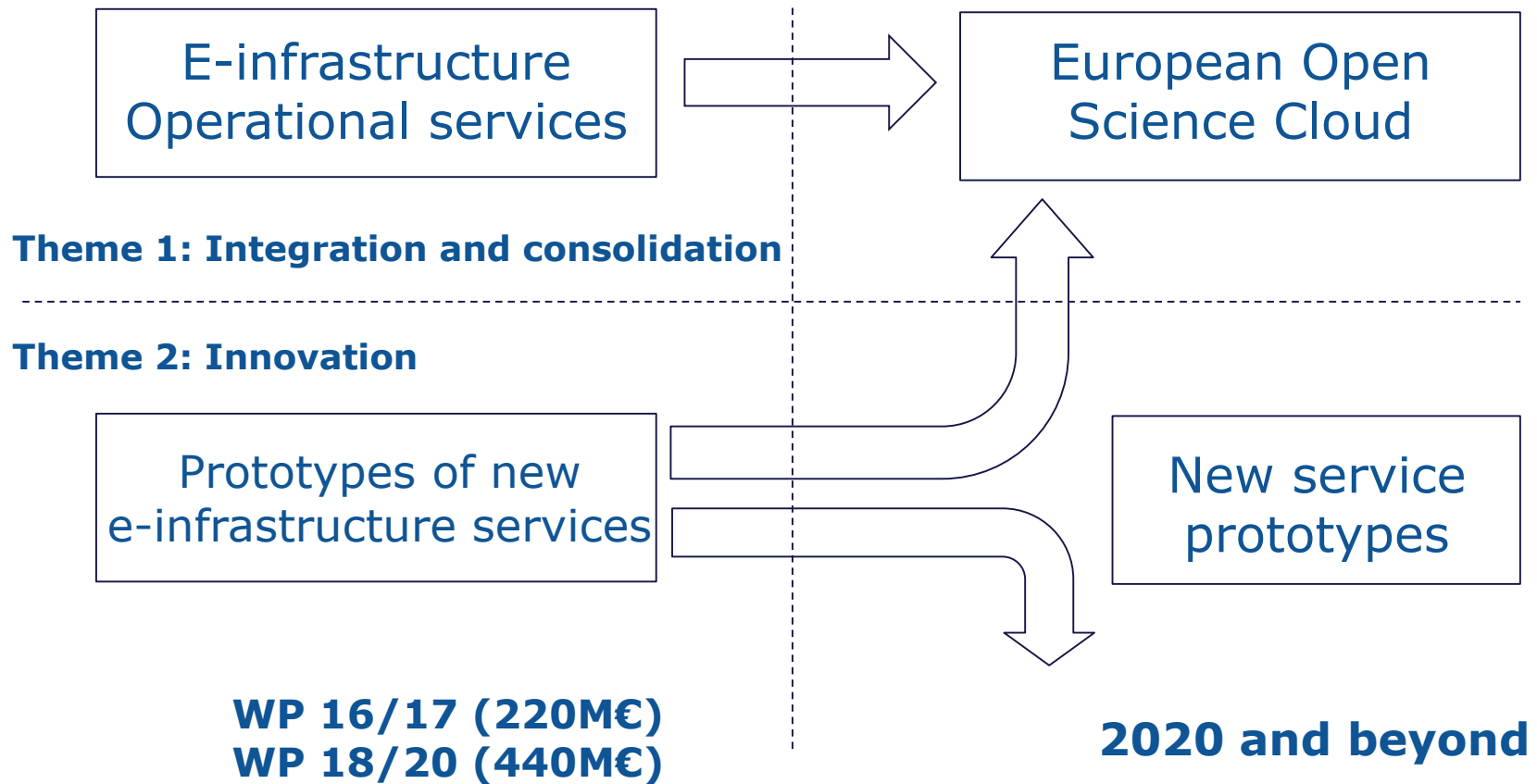
Theme 1:

**Integration and
consolidation of
e-infrastructures
services**

Theme 2:

**Prototyping of
innovative e-
infrastructure
services**

Interplay between Theme 1 and Theme 2: a dynamic view



Future: WP18-20

More European Open Science Cloud

More European Data Infrastructure

More widening

More service provision and development

More agregation of demand

More integration

More consolidation



European
Commission

Thanks!