

EOOSC & Access to commercial services lessons learned

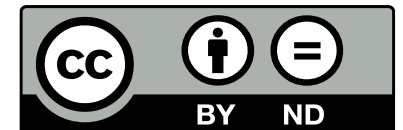
EOOSC-Future WP8 Task 1

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Premise

- commercial services need to be part of researcher's toolkit
- A collective approach brings benefits
 - <stuff>-as-a-Service: same across EOSC geography
 - joint action for a large collective means better deals
 - One procurement in stead of 1000s (or dozens)




What did we do?

- GN₄-2:
 - 1st generation large scale joint procurement IaaS
- OCRE:
 - 2nd generation joint procurement IaaS+ - in EOSC context
 - Investigation joint procurement Earth Observation services
 - Stimulate adoption of both service types
 - Generalise mechanisms
- EOSC Future:
 - Assess demand for expansion for further joint procurement
 - Investigate value proposition in EOSC context
 - Stimulate uptake of EOSC's portfolio of commercial services
 - Investigate data procurement
 - Develop fit-for-purpose mechanism for EOSC portfolio of commercial services



public sector

1 million researchers
5000+ institutions
40+ countries



+ associated countries



delivery channels to researchers
institutions, research infrastructures, eInfrastructures

EOSC Data Federation

public sector

EOSC Exchange

commercial services

commercial digital services



gating process:
public procurement

Concept: collective portfolio procurement compliant agreements

INSTITUTION

Check EOSC portfolio
good to go - good conditions

RESEARCHER

Check EOSC portfolio
good to go – good conditions

Integrated

Good T&Cs

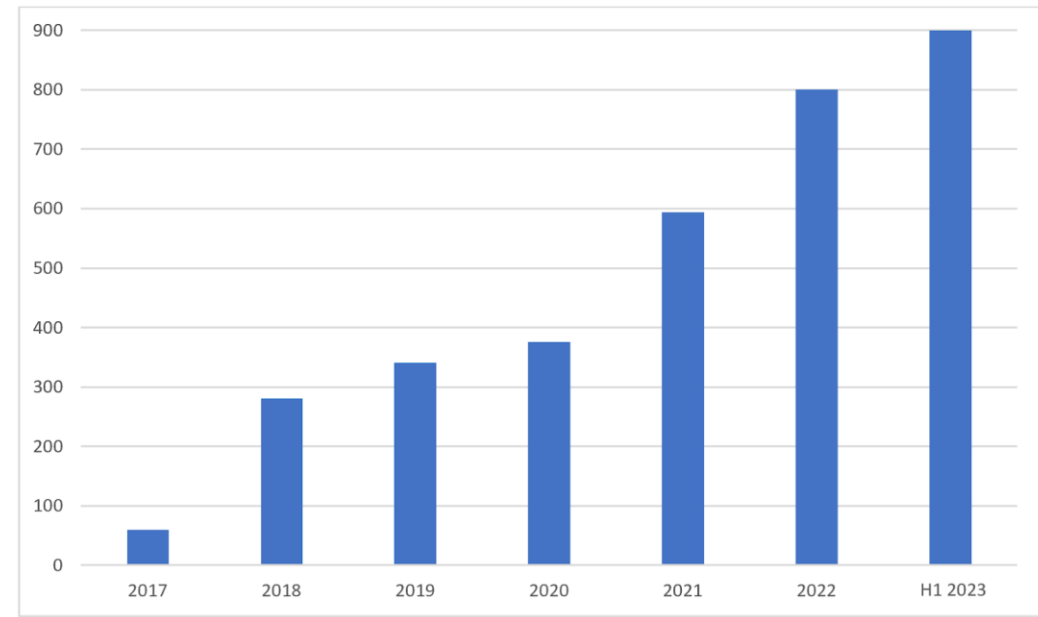
INTERMEDIARY AGGREGATORS

need commercial service?
no-complexity access through us

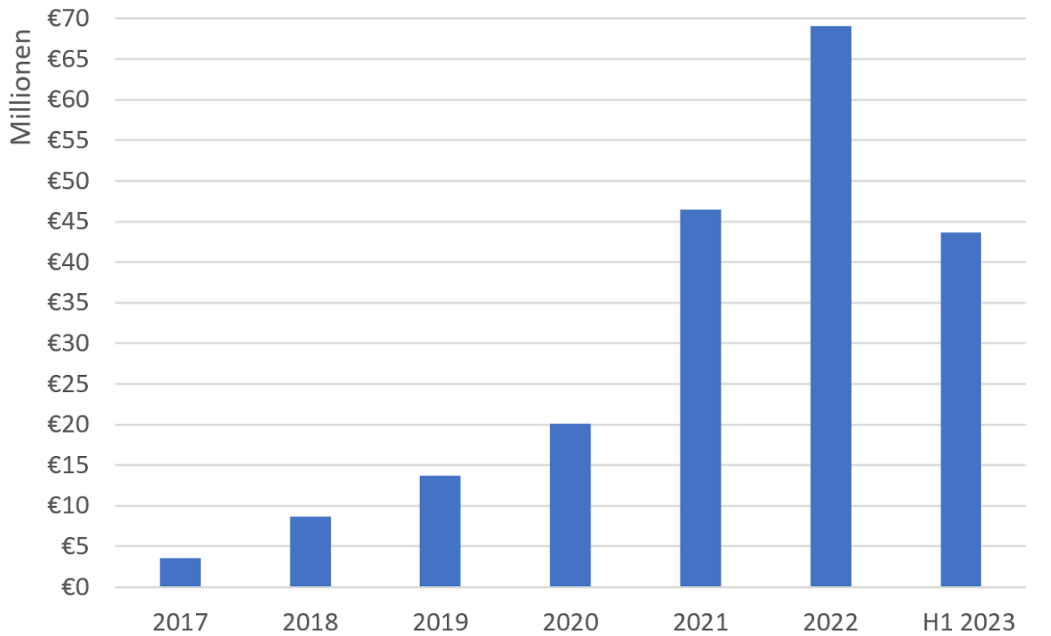
Collective power

Digital
Sovereignty

IaaS+: capability built 2013-2023



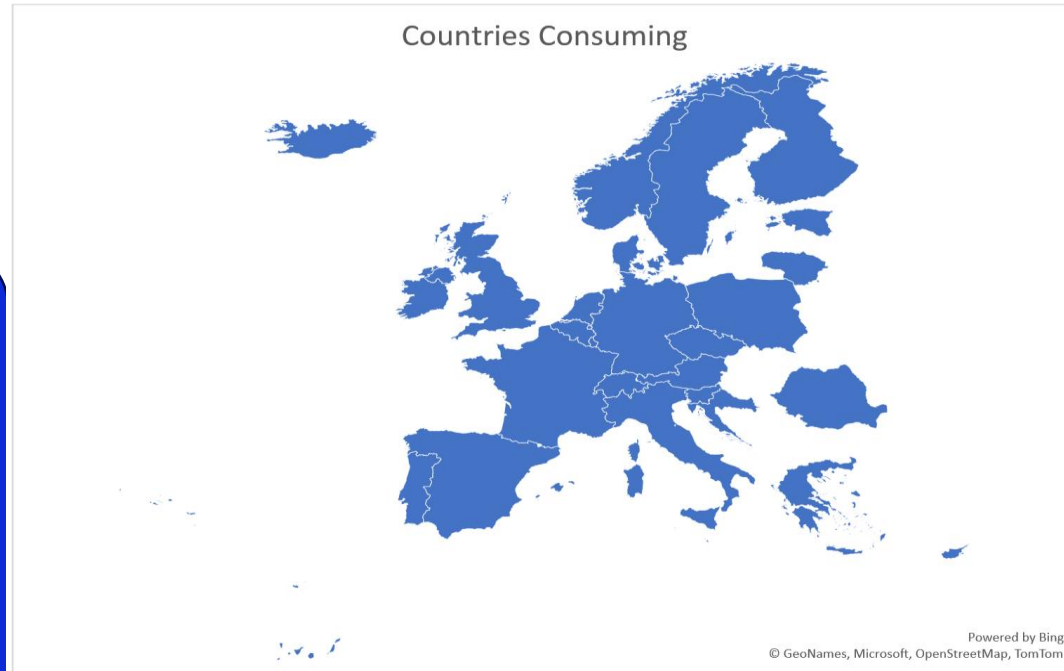
Cumulative number of Institutions of the 2016 and 2020 Frameworks that have used the framework call off contracts since 2017 is 900 by **end of June 2023**.



Annual consumption of 2016 and 2020 Frameworks was 43.6M Euros to **end of June 2023**.

2020
IAAS+
FW
(gen2)

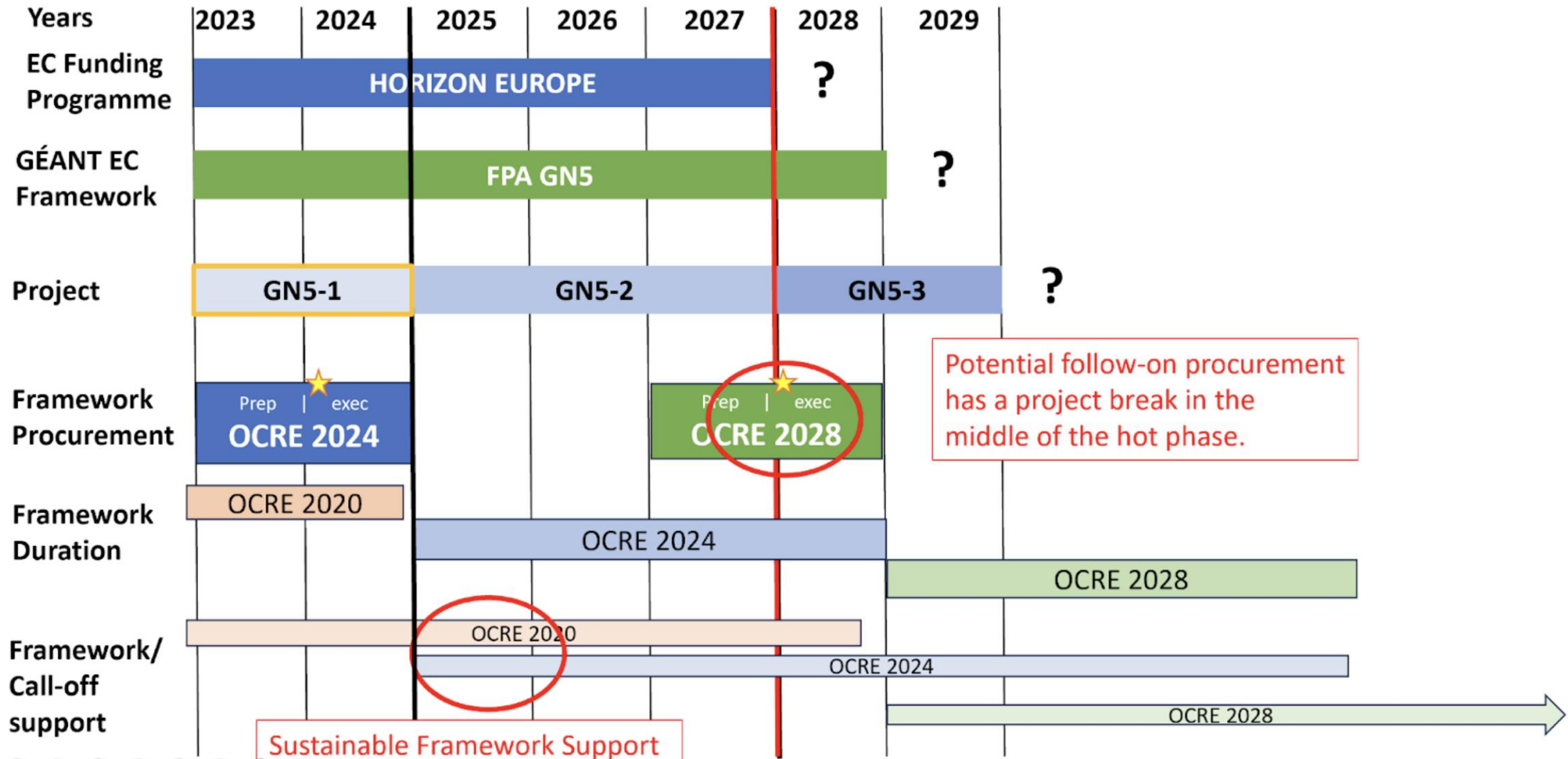
GN3+
GN4
GN4
OCRE
EOSC-Ftr
GN5



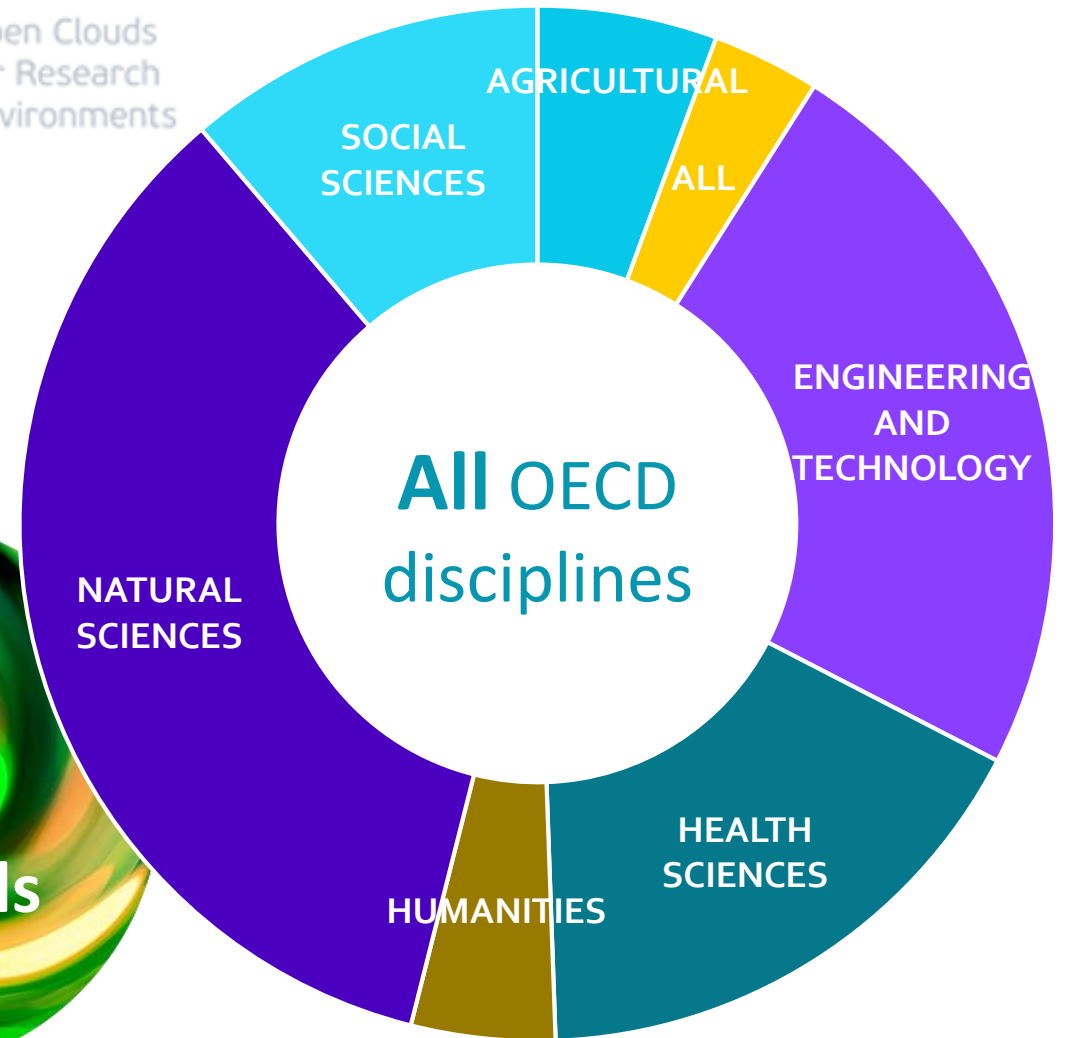
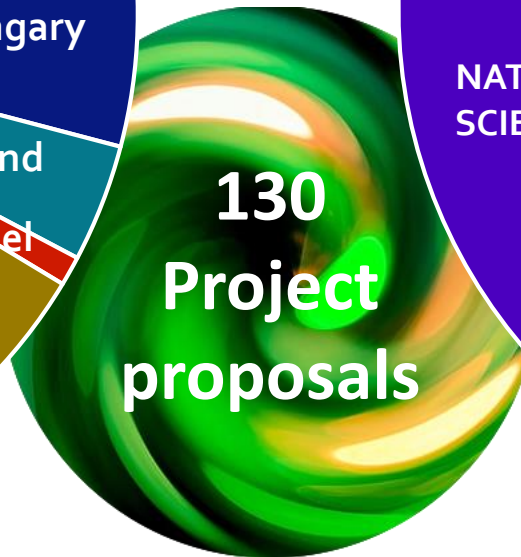
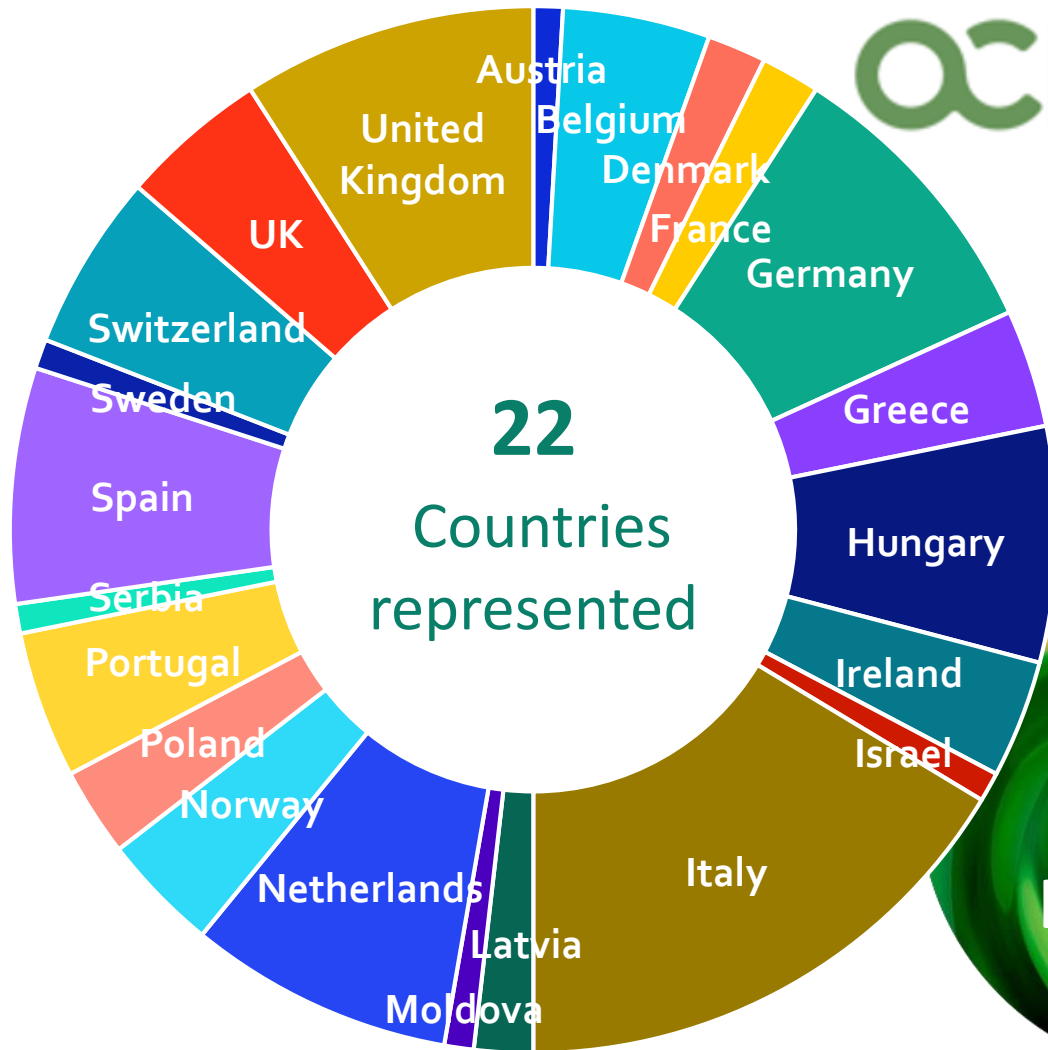
27 countries are using the 2016 and 2020 Frameworks by the end of June 2023.

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900 relying customers requires planning ahead



2019 – 2023 working research adoption funding IaaS & Earth Observation services





Lessons learned

- Demand is there, we can address it collectively and this makes sense
 - EOSC allows to aggregate otherwise less visible collective demand!
 - Joint procurement not the only useful answer
- But it's hard work, requires domain & process expertise and long term "engine"
- How to do actionable EOSC-wide demand assessment currently unresolved
- (ideological) Differences of opinion between researchers and aggregators
- NRENs are well placed (best?) to collectively procure for all EOSC
- Challenges with collective procurement for **entire** EOSC geography
- Requiring service and data integration requires stable EOSC platform
- EOSC organisation does not (yet) support dynamic procurement
- Using vouchers to pay for service consumption is complicated
- National, regional and thematic aggregators have an important role to play



Conclusions

- Collective action to provide collective access to commercial services makes sense both for EOSC ecosystem and community
- We've just scratched the surface of collective action

Questions?

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