The EOSC Observatory

EOSC Future Open Days on 24 November 2021

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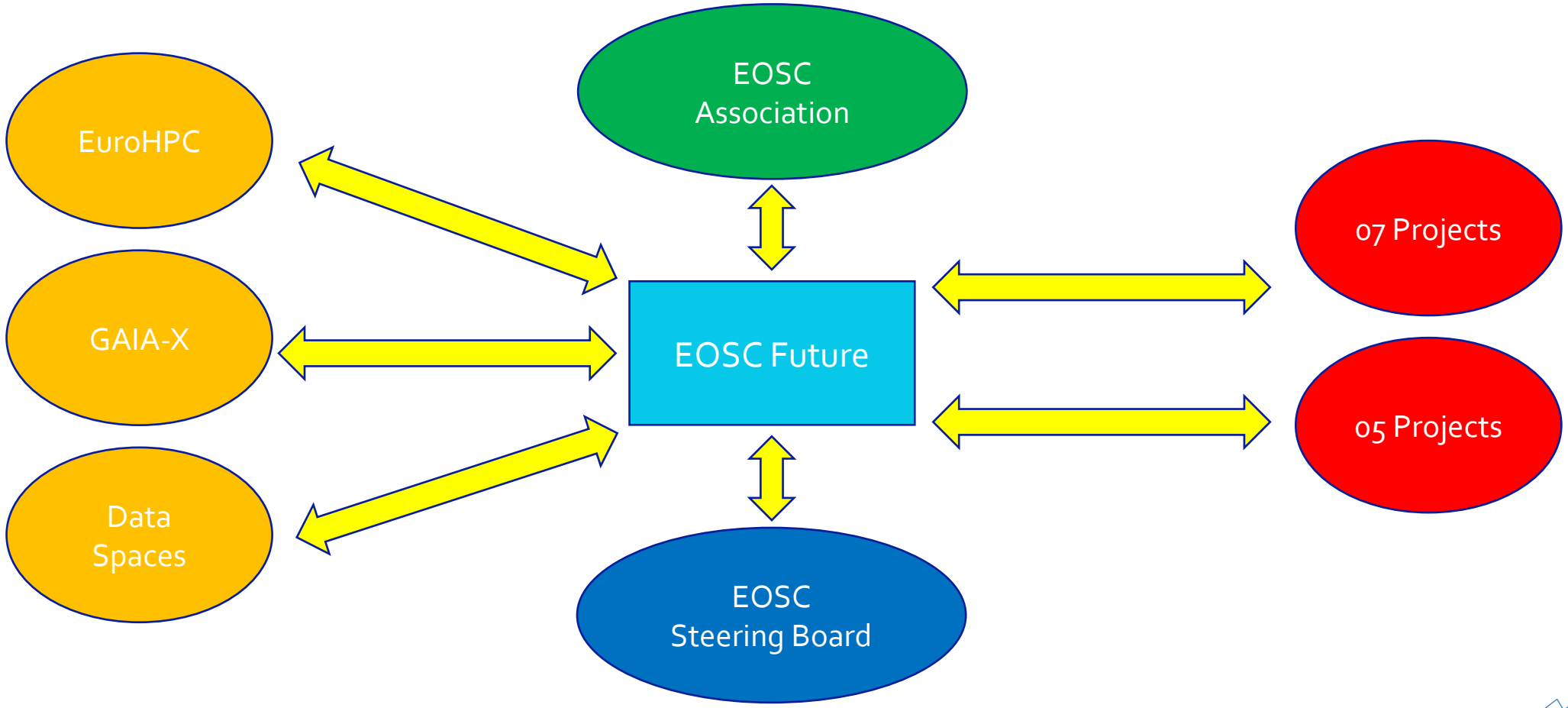
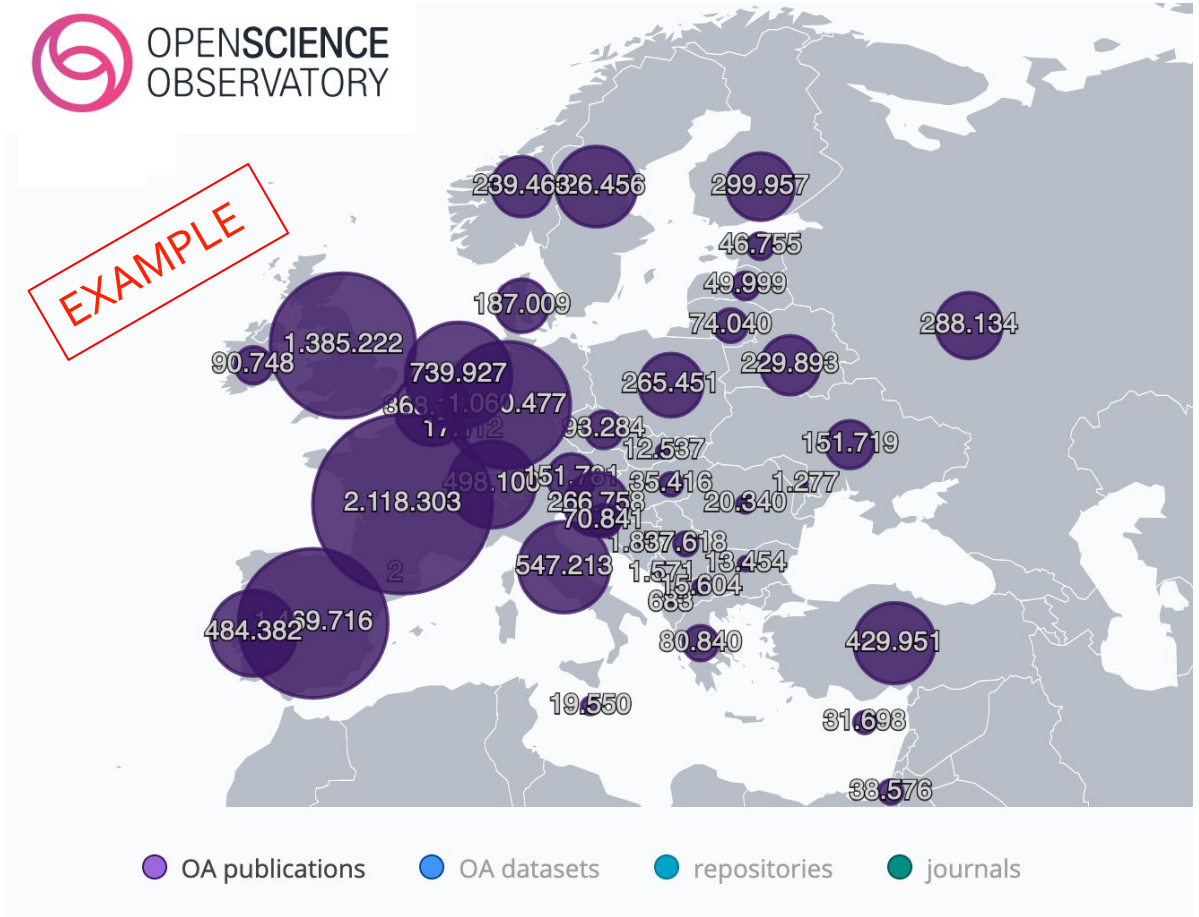
EOSC Future

- Horizon 2020 INFRAEOSC-03-2020: Integration and consolidation of the existing pan-European access mechanism to public research infrastructures and commercial services through the EOSC Portal
- EOSC Future will integrate, consolidate, and connect existing e-infrastructures, research communities, and initiatives in Open Science to further develop the EOSC Portal, EOSC-Core, and EOSC-Exchange of the European Open Science Cloud (EOSC)
- EOSC Future will take a user-driven co-designed approach and strategically align with key stakeholders in the EOSC ecosystem

Alignment with EOSC Ecosystem



Monitoring and Policy Intelligence Tool

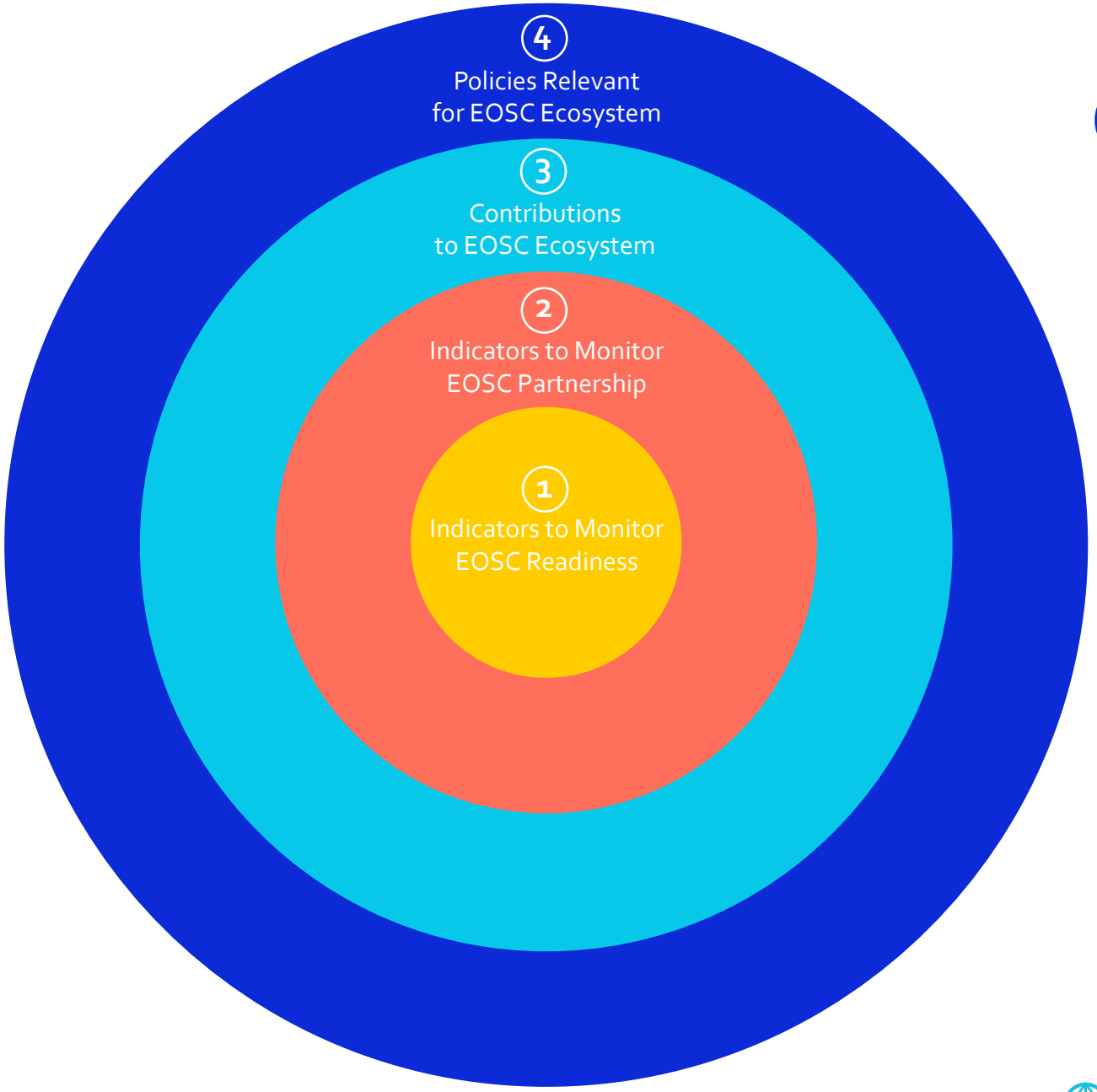


- Interactive dashboard for monitoring EOSC readiness of EU MS/AC and activities and in-kind contributions to the EOSC Partnership
- Track policies, infrastructure, data, and services for EOSC
- Support EOSC Partnership engaging EOSC Association and EOSC Steering Board

Building on Existing Work and Projects

- Build on recommendations of EOSC Executive Board Working Group Landscape
- Develop survey questions and indicators to monitor EOSC readiness of MS/AC
- Develop and prototype a dashboard to test survey questions and indicators

https://eoscsecretariat.eu/communities/eosc-regional-projects



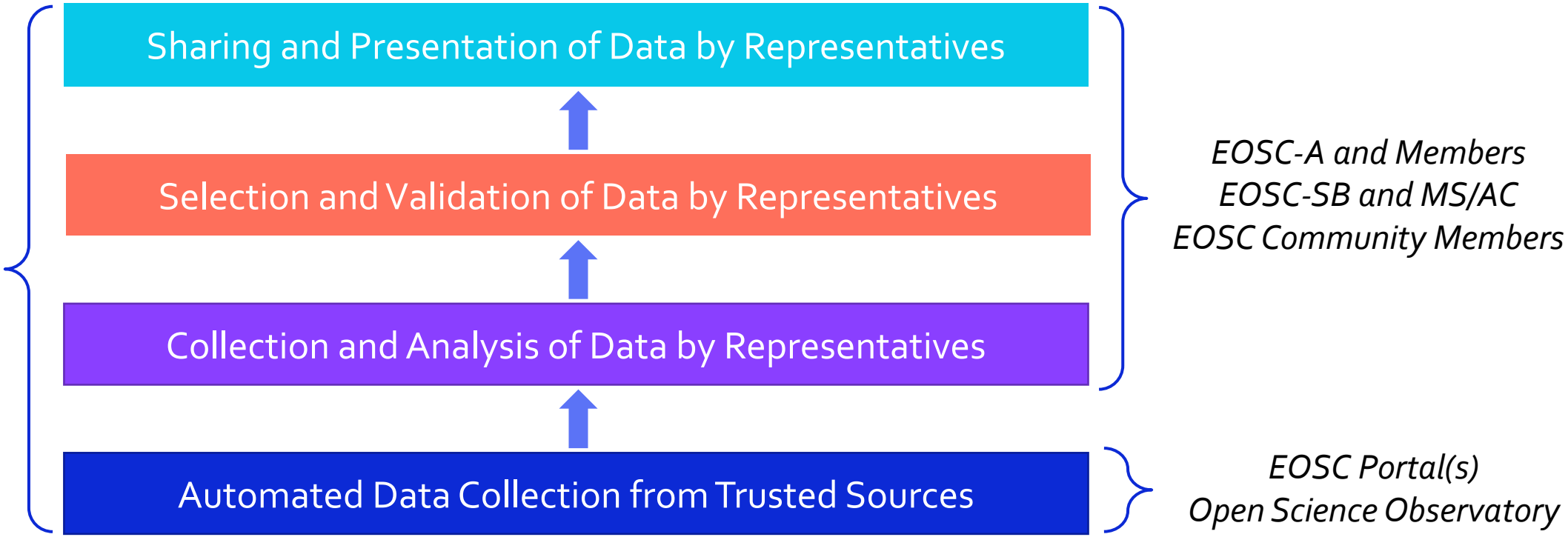
Observatory Layers

Figure:
Four Possible Layers of Data for EOSC Observatory to Collect for EOSC Monitoring

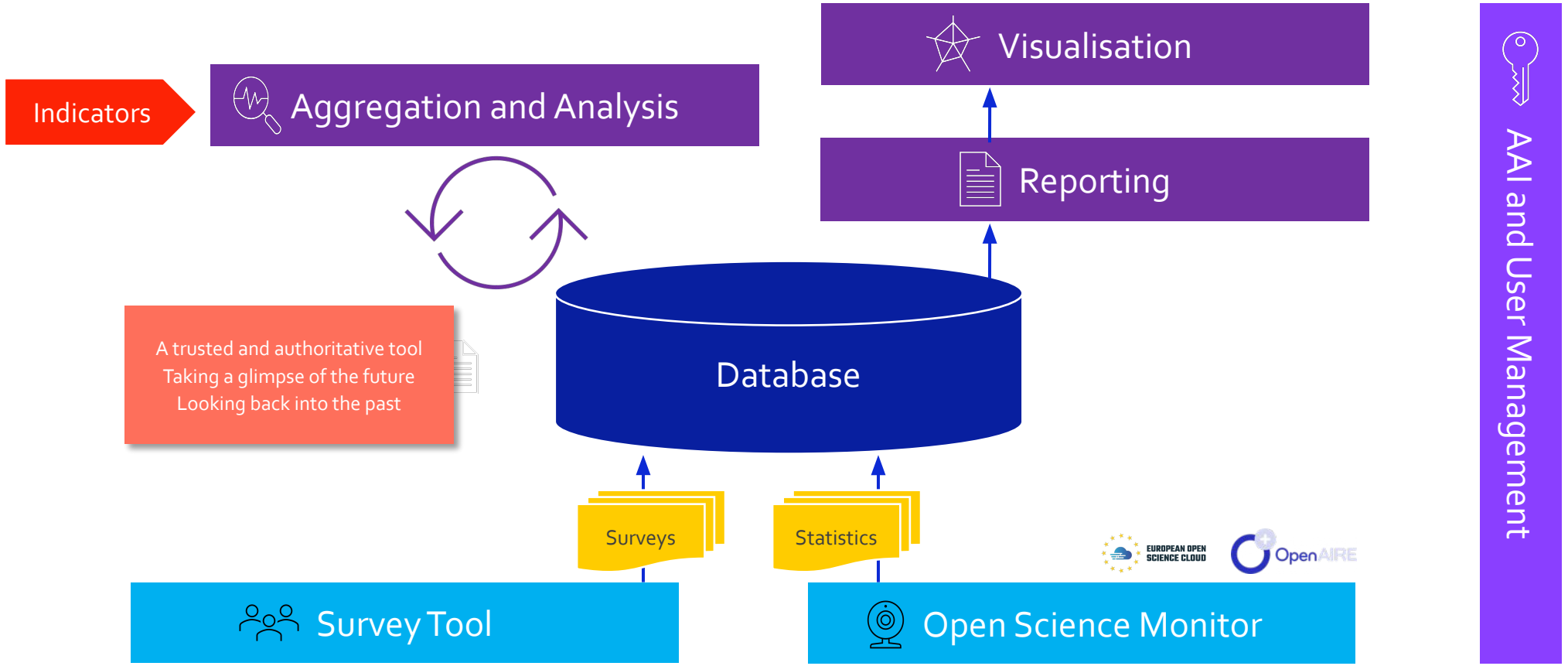
Data:
The aim is to collect data where available automatically from trusted data sources and where not available manually from assigned representatives. Quantitative data should be provided with qualitative descriptions that further frame and explain the numeric data

Legend:
- Layer 1: Validated by MS/AC & EOSC-SB
- Layer 2: Validated by Members & EOSC-A
- Layer 3: Validated by Members & EOSC-A
- Layer 4: Shared by the EOSC Community

Methodological Approach



Observatory Architecture



Types of Indicators

POLICIES

Strategies and policies under discussion / implemented / adopted
Cover different policy areas:
OA to publications, RDM, open software, Citizen Science, training, etc.

01

PRACTICES

Capture progress in OS practices:
repositories, # certification schemes, # OA publications, # open/ FAIR datasets,

02

IMPACT

Impact of EOSC, its policies & practices
Uptake
Reproducibility
Research efficiency and effectiveness

→ Need for indicators

03

Country and/or organisation level

Implementation Timeline

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