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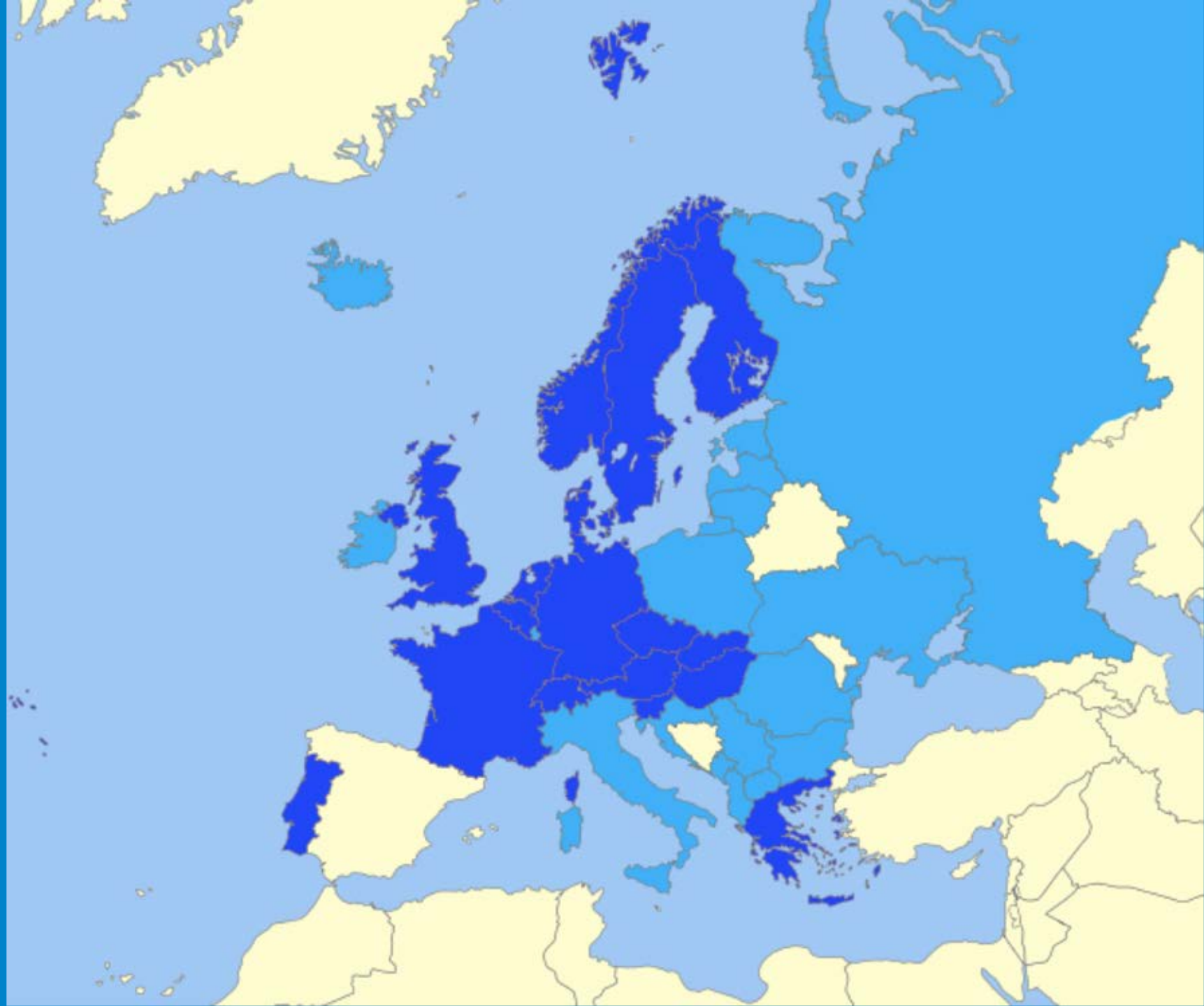
Consortium of European Social Science Data Archives
European Research Infrastructure Consortium

Developing a social science data platform

Ron Dekker Director CESSDA

MEMBERS

- Austria
- Belgium
- Czech Republic
- Denmark
- Finland
- France
- Germany
- Greece
- Hungary
- Netherlands
- Norway
- Portugal
- Slovakia
- Slovenia
- Sweden
- Switzerland (Obs.)
- UK



CESSDA Mission and Vision

MISSION: The task of CESSDA ERIC is
to provide a distributed and sustainable research infrastructure
enabling the research community to conduct high-quality research in the social sciences
contributing to the production of effective solutions to the major challenges facing society today
and to facilitate teaching and learning in the social sciences

VISION: CESSDA wants to be a key player in the social sciences domain, striving for full European coverage, providing
- a trusted platform for researchers with tools and services to curate, publish and re-use research data
- training to the research community throughout the whole research cycle

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Stakeholders

Members

- Governments, Research Funding Organisations
- Universities, other Research Performing Organisations

Service Providers

- Data Services
- IT Infrastructure (computing, network, software)
- Research Libraries
- Publishers

Data Producers

- Researchers & Research Performing Organisations

Data Re-Users

- Researchers, Professionals, Citizens

Why a consortium?

- **Critical mass**
  - In Brussels - eligible for funding, trusted repositories
  - Standards - metadata, persistent identifiers
  - Partnerships - other ESFRI's/ERICs, National Statistics, …
  - Replace Fragmentation by Coordination
- **Sharing expertise**
  - Safe and Secure Data Infrastructure
  - Joint Research & Innovation
  - Data Clusters
- **For Researchers**
  - Deposit , Find, and Re-use
  - Tools for constructing data, provide seamless access and use
  - Training

TRUST

TRAINING

TECHNOLOGY

TOOLS

Why Open Science?

Pascal Lamy

Europe must embrace the
transformative power of open science
allowing for a
faster circulation of increasing amounts of knowledge, and
seize the potential of open innovation
to trigger faster and fairer growth, building a knowledge
economy that is open to the world. (p. 8)

EC Staff Working Doc - on data:
Give the Union a global lead in research data management
and ensure that European scientists reap the full benefits of data-driven science

European Open Science Cloud

Virtual environment for all European researchers to store, manage, analyse and re-use data

Federation of existing and emerging data infrastructures

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EOSC Declaration

all EOSC stakeholders consider sharing the following intents and will actively support their implementation in the respective capacities

- Data culture and FAIR data
- Research data services and architecture
- Governance and funding

Action list of the 'coalition of the doers’

- Data Culture
- Transition to FAIR
- User Needs
- Governance Model
- Skills
- Research Data Repositories
- Service Deployment
- FAIR Data Governance
- Data Management Plans
- Thematic Areas

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Council Conclusions 29 May 2018

http://www.consilium.europa.eu/en/meetings/compet/2018/05/28-29/

KEY Docs:

- EOSC Declaration from 26 October 2017
- EC Staff Working Document on the Implementation Roadmap for

  the European Open Science Cloud from April 2018

WHAT

- Creation of EOSC

  a joint responsibility of the EC and the Member States + the stakeholders;
- EOSC is a user-centred environment,

  serving the research community foremost at the start,

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Council Conclusions 29 May 2018

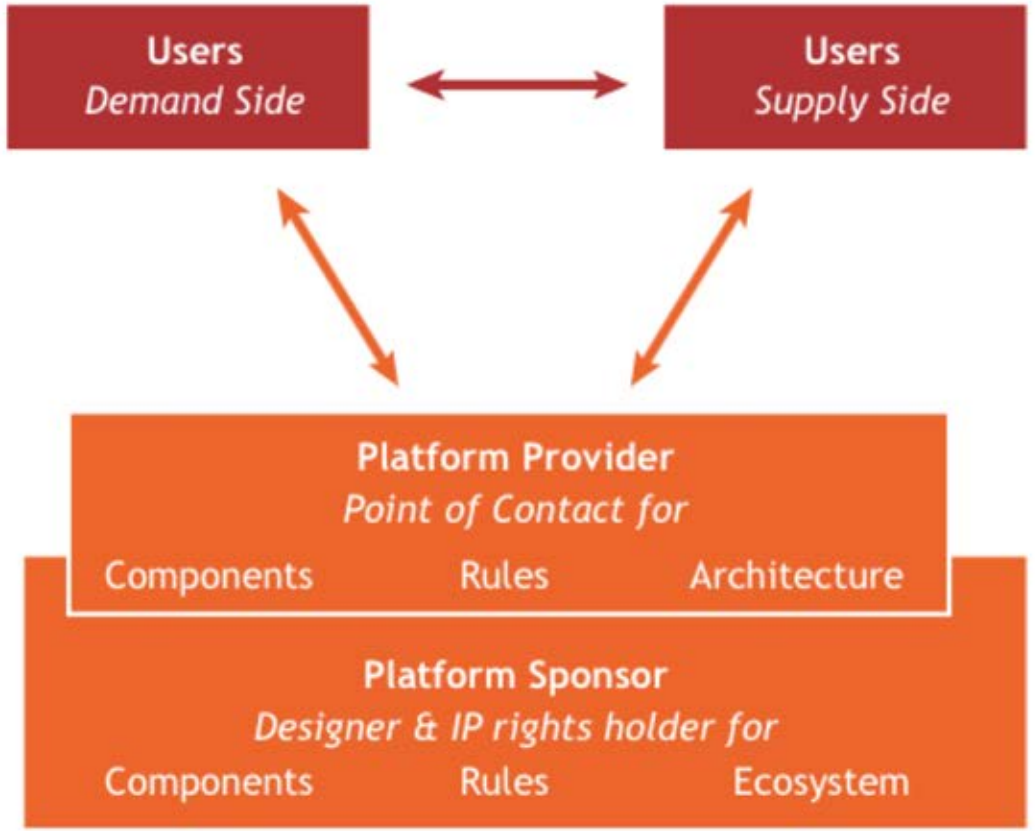
http://www.consilium.europa.eu/en/meetings/compet/2018/05/28-29/

INVITES the Commission and the Member States

to jointly explore the creation of a map of national research data infrastructures and initiatives in the Member States which could be federated,

in order to ensure that current structures, competences, functions, and initiatives regarding research data management are duly taken into account

Ecosystem network market



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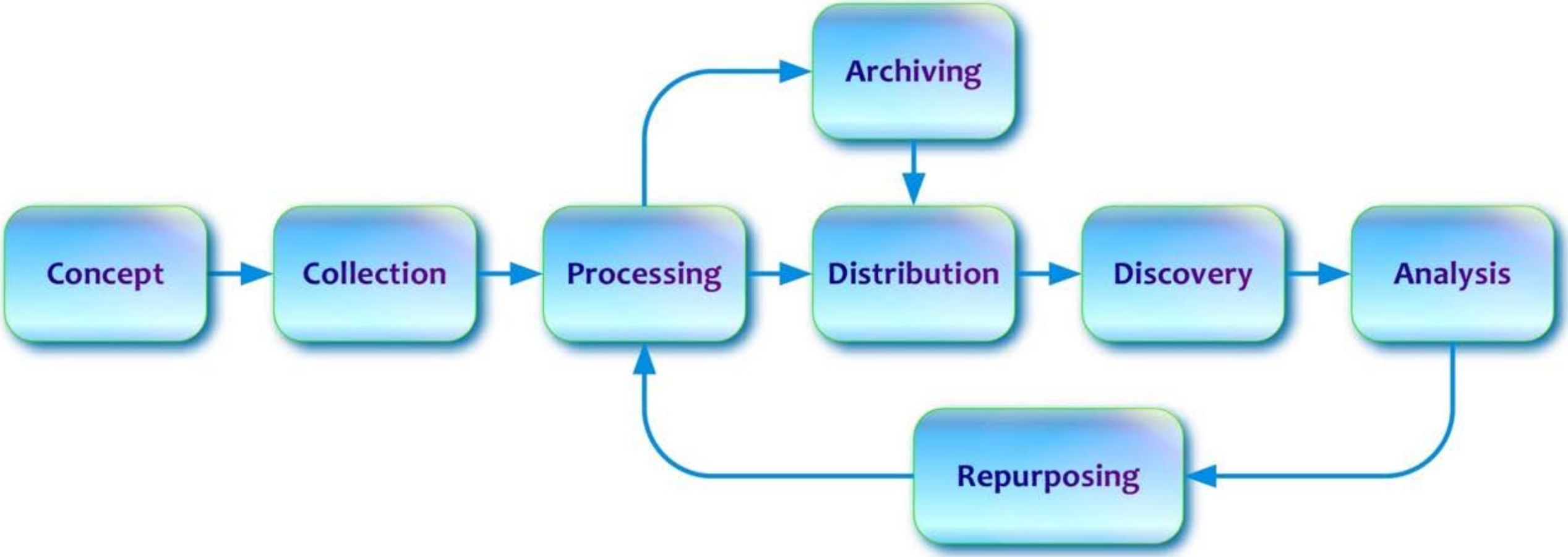
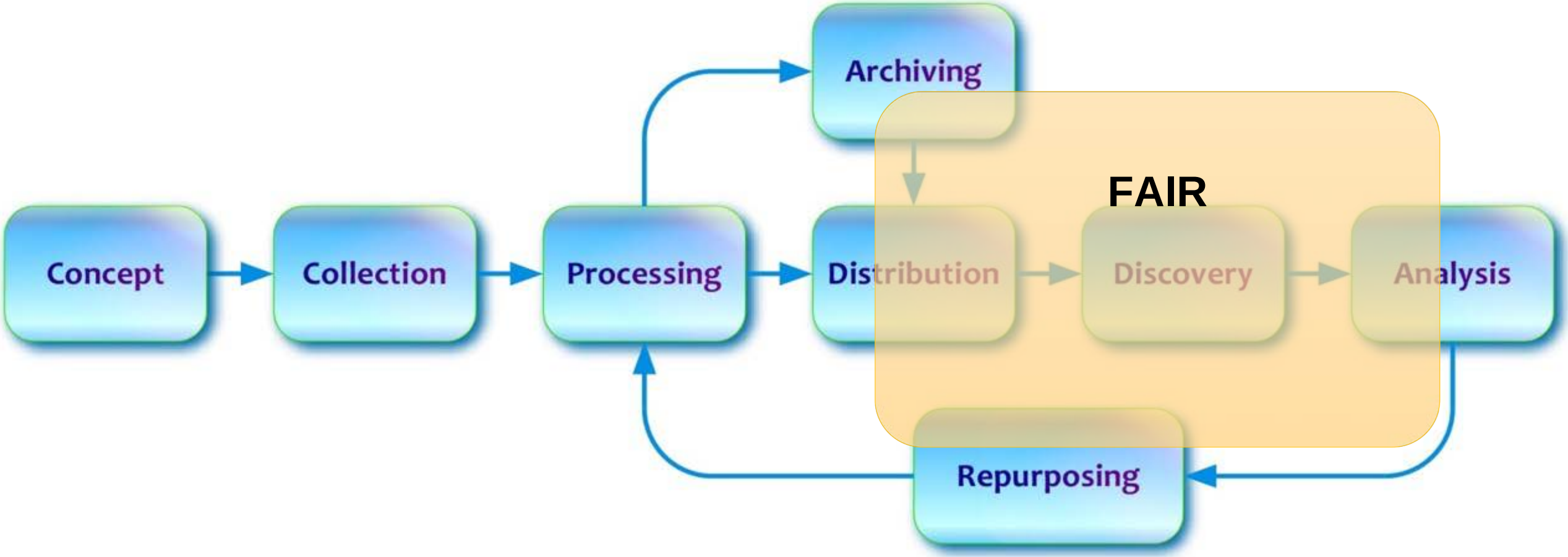
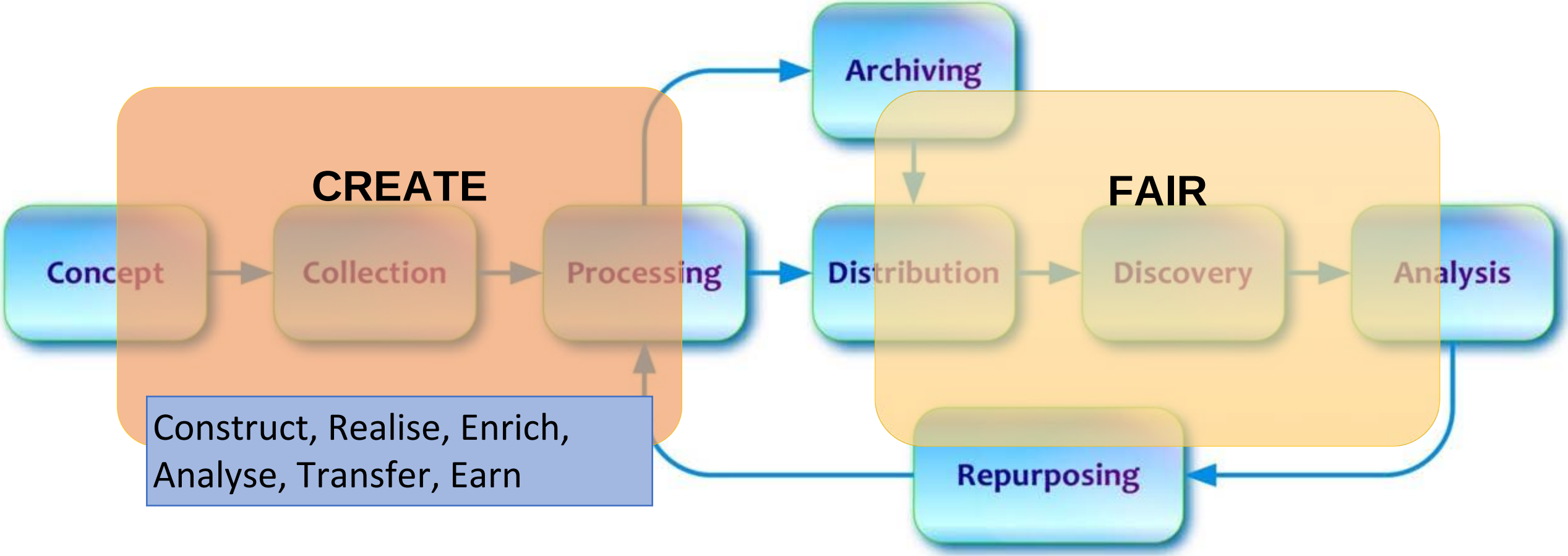
Data Life Cycle



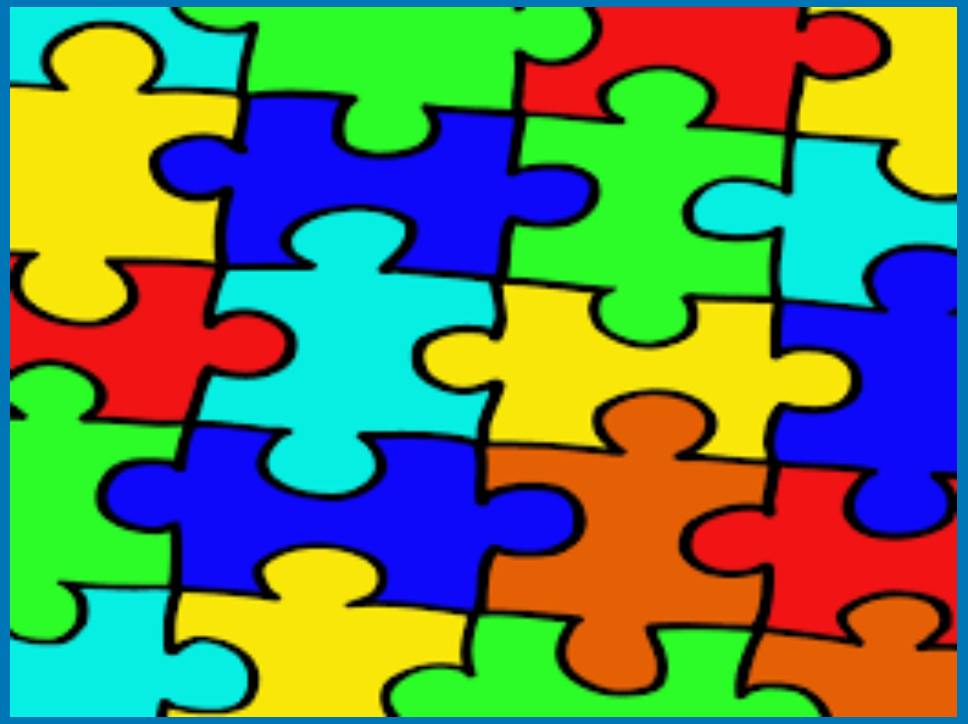
Data Life Cycle



Data Life Cycle

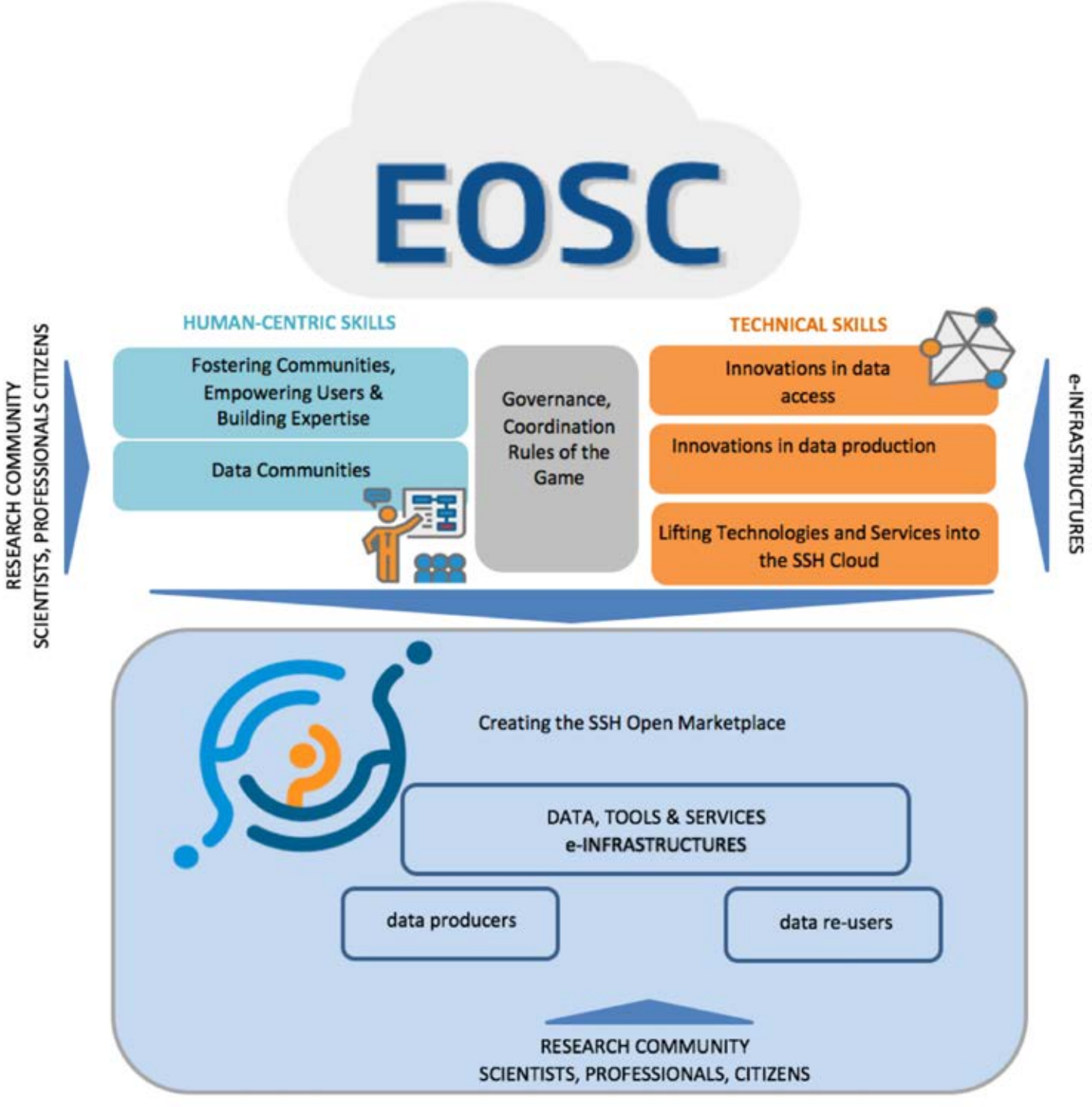


EOSC Challenge



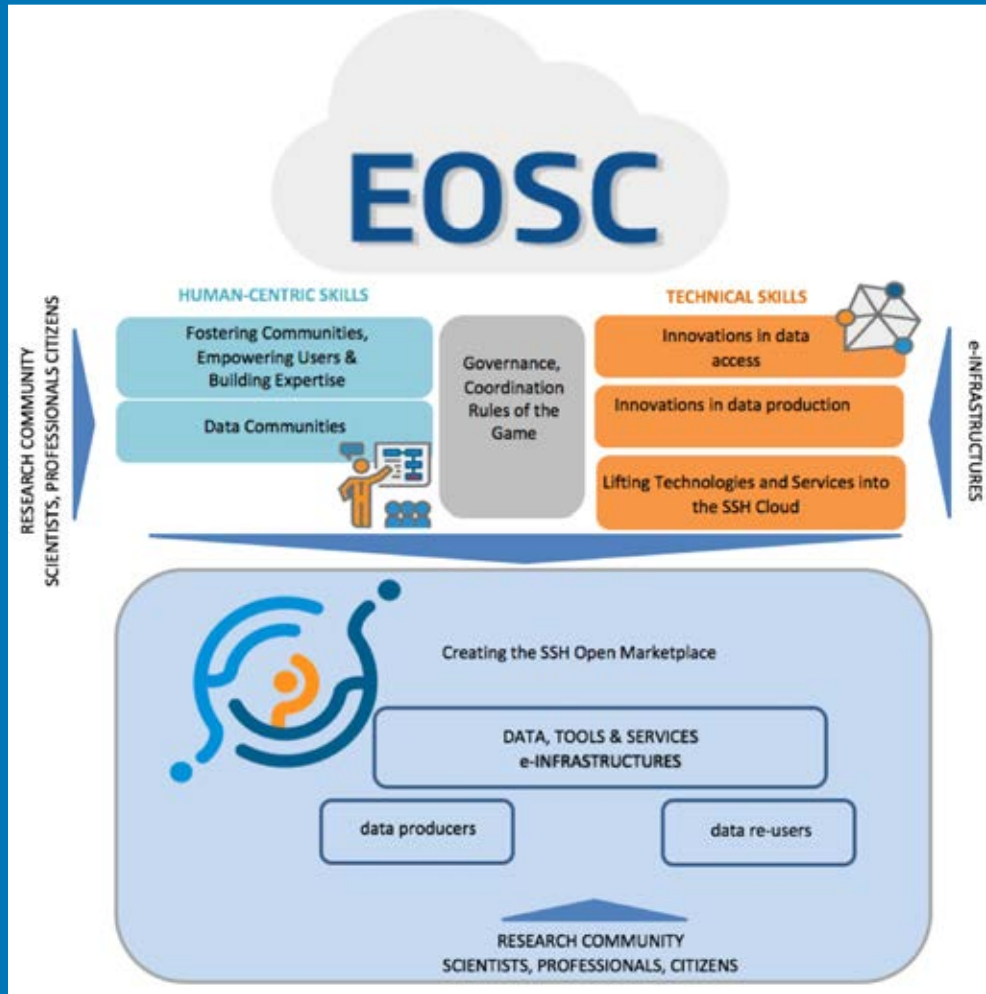
SSHOC

- Whole Research Data Lifecycle
  - Inclusive Approach
- Tech & Human Dimension
- R&I Track for Tools
  - Innovations
  - Readiness to Cloud
- Experiments
  - Platforms are user-oriented
- Integrate with e-Infra
  - Horizontal Services
  - Secure Platforms iso Downloading



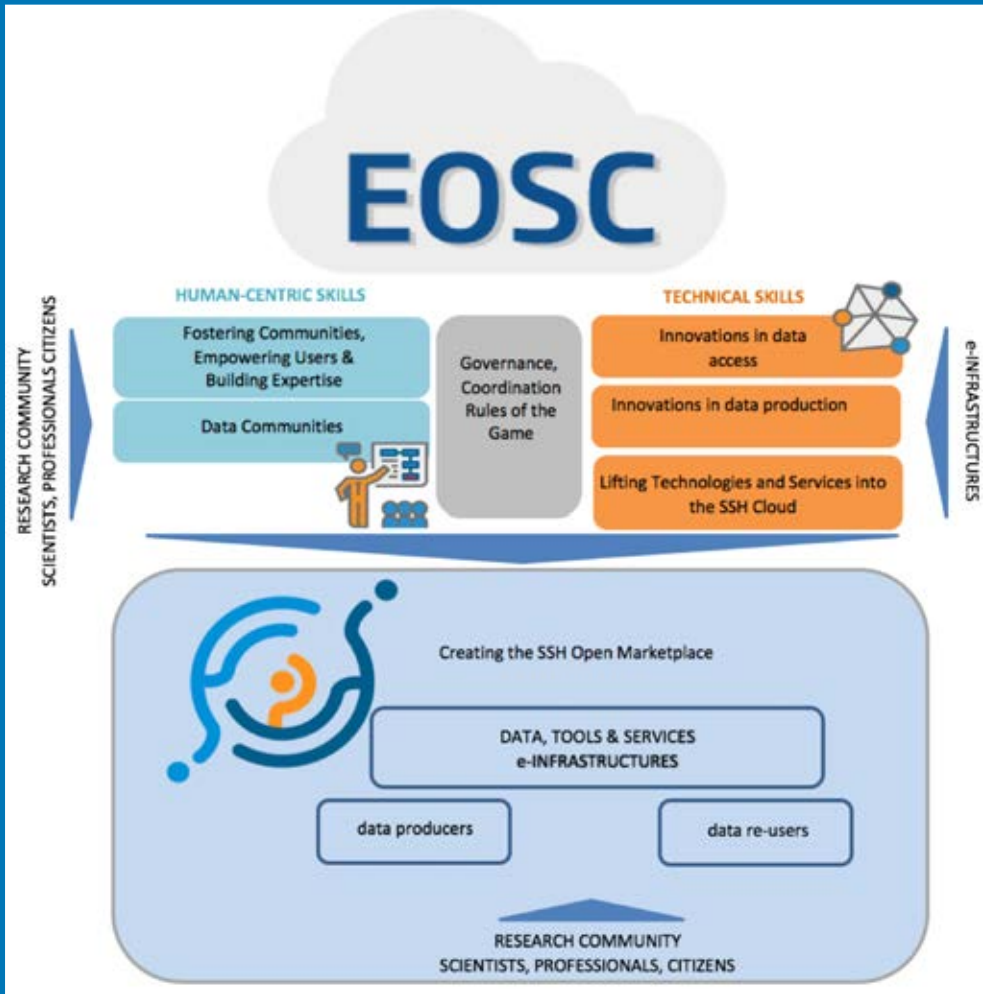
All SSH-ESFRI's & more

- CESSDA, CLARIN, DARIAH, E-RIHS, ESS, SHARE
- EVS, GGP, Wage-Indicator,
- LIBER
- Election Studies, Migration Studies



Work Packages

1. Coordination
2. Communication
3. Tools to the Cloud
4. Innovation in Data Production
5. Innovations in Access to (secured) Data
6. Fostering Communities & Expertise
7. Creating the Market Place
8. Governance & Quality Assurance



Get your data organised

Why ?

- Science and Society ask for these data
  - Importance of research data, good descriptions, easy access
- More efficient use of public finances
  - Long-term access
  - Re-use of FAIR data

How?

- Focus on the data-user
  - Problem-oriented
  - Have the users involved - right from the beginning!
- Have a national backbone — UNIDATA
  - Longterm archiving and access, expertise, training, etc.
  - Ensures Sustainability and brings Trust in the ecosystem

Thank you

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