Open Science Cloud founding vision

The implementation of the Open Science Cloud relies on two pillars: one built by e-RIs (EPOS, ICOS etc.) and the other built by e-Is (GEANT, EUDAT etc).

The two pillars must be coherently integrated in an effective architecture providing governance, technical and financial solutions.

The EPOS proposed strategy relies on:

• consider the two pillars equally important for adopting a co-design approach
• Identify key actions to provide common solutions for e-RIs and e-Is
• recognize the specific role of e-RIs to represent domain communities and stakeholders (users, suppliers, funding agencies, industry)
• Recognize the specific role of e-Is for elaborating procurement policies suitable for e-RIs
• harmonize the governance of e-Is with those of e-RIs (ERIC, vision of National Governments involved in e-RIs, business plans)
• harmonize the pan-European design with national plans and strategies (including financial issues)
EPOS RI perspective on the European Open Science Cloud

**Concepts**

Open Science
- Available open data and access rules

Publicly funded & governed
- Sustainability plans of e-RIs (TCS-ICS) and e-Is also through procurement policies (ICS-d)

Research-centric
- Stakeholder engagement through e-RIs

Comprehensive, diverse & distributed
- EPOS is multidisciplinary, distributed & mature for cross-disciplinary applications

Interoperable
- Scalable effective solutions (metadata, AAI, transfer protocols, web-service interfaces)

Service-oriented
- Redundancy, content and common solutions

Social
- Information and knowledge on societal context lie with e-RIs

**Actions**

**Sustainable architecture**
- Solutions for storage, data preservation, PIDs and metadata preservation
EPOS Governance Perspective

Concepts

Actions

Financial
Realistic sustainability and coherent with e-RI business plans

Legal
Ownership, IPR, physical location & service provision

Governance
Coherence with ERIC, governance coherence with multi-governemental agreements

Technical
Compliance with national legislation, legal restrictions, copyright

Timeline
Compatible with e-RI Implementation timeline