

Open Science Commons for the ERA



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A unified area open to the world, in which scientific knowledge, technology and researchers circulate freely

More effective national research systems

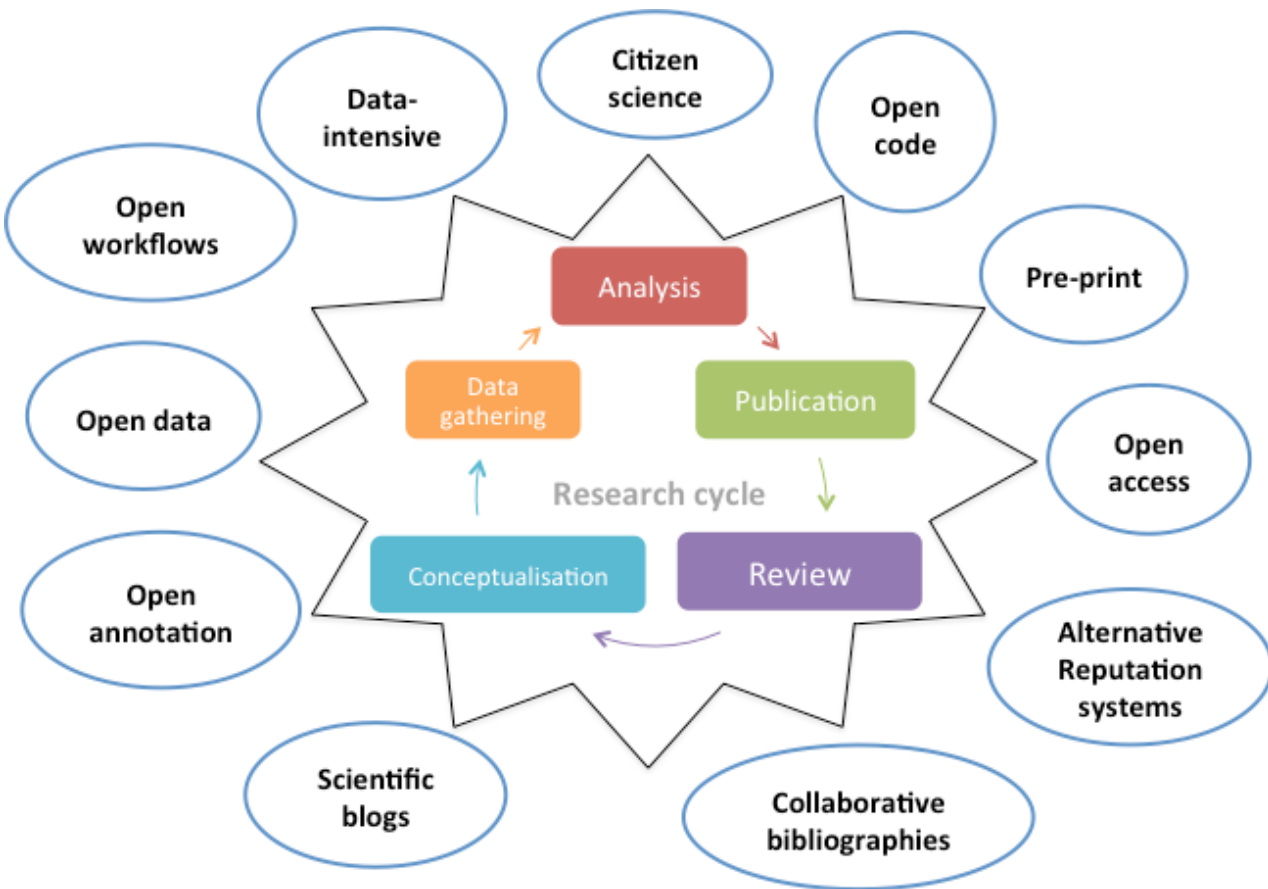
Optimal transnational co-operation and competition

Facilitating mobility, supporting training and ensuring attractive careers

Gender equality and gender mainstreaming in research

Optimal circulation and transfer of scientific knowledge

<http://ec.europa.eu/research/era/>

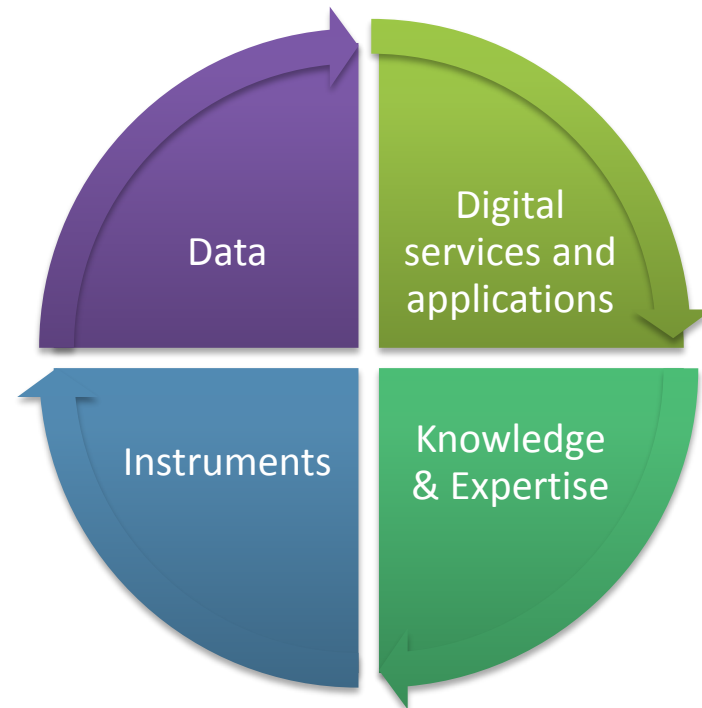


Opening of the creation and dissemination of scholarly knowledge towards a multitude of stakeholders, from professional researchers to citizens

- Collaboration
- Sharing
- Co-ownership
- Re-use
- Social value

Image source: <http://goo.gl/uO9MK5>

- Shared resources
 - Integrated, easy and fair access
- Engaged communities
 - Participating in the process
 - Collaborating in the management and stewardship
- Governance
 - Rules to access/exclude
 - Rules to resolve conflicts
- Financial support
 - For long-term availability



- Commons:
 - Institutionalised community governance of the production and/or sharing of a particular type of resource
 - Resources + Communities + Rules
 - From natural to intellectual resources
- Examples
 - Linux (software)
 - Wikipedia (knowledge creation/sharing)
 - Internet (knowledge creation/sharing)
 - GEANT (knowledge creation/sharing)
 - e-Infrastructure Commons (knowledge creation/sharing)

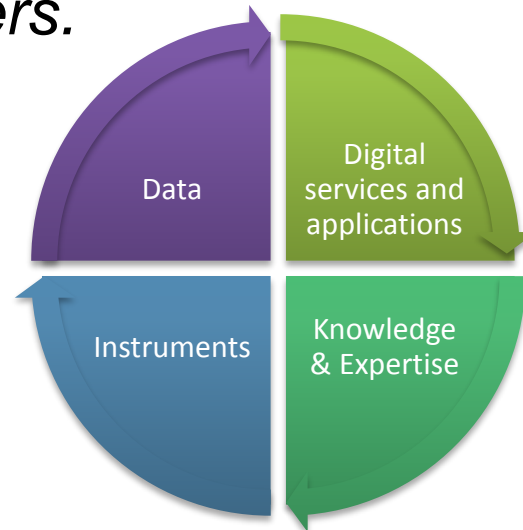
1. Collective mission or goal of the process
2. Cultural principles and social norms
3. Design of the platform of participation
4. Conditions for self-management of contributions
5. Formal rules or policies for community interaction
6. License
7. Decision-making and conflict resolution systems
8. Infrastructure provision

Source: "Governing Knowledge Commons" book (2014), p.288

An overarching vision for an Open Science Commons

Researchers from *all disciplines* have easy, integrated and open access to the advanced digital services, scientific instruments, data, knowledge and expertise they need to collaborate to achieve excellence in science, research and innovation.

They feel engaged in governing, managing and preserving these resources for everyone's benefit, with the support of all stakeholders.



website: www.opensciencecommons.org - paper: <http://go.egi.eu/osc>

- Contribute to the development of the Open Science Commons
 - Main focus on “knowledge and expertise”
- Promote a commons-oriented culture
 - Among researchers, eScience technologists and engineers

19 May 2015, Lisbon (Portugal)

09:00-10:30 (keynotes)

11:00-17:00

(workshop) <https://indico.egi.eu/indico/sessionDisplay.py?sessionId=100&confId=2452#20150519>

- Advancing on the Open Science Commons
 - Governance, policies, benefits, role of stakeholders, actions and roadmap
- (Some) confirmed speakers:
 - Brett Frischmann, Prof at Cardozo Law School, NYC
 - Sverker Holmgren, e-IRG Chair
 - Jose Cotta, Head of Unit “Digital Science”, DG Connect

JOIN US (early bird ends 12 April)

<http://conf2015.egi.eu/>



- Implementing the ERA and promoting Open Science are key policy priorities
- Many types of resources are needed
 - Physical, digital, intellectual
- Open Science Commons
 - Adopting the Commons principle for the creation and dissemination of scholarly knowledge
- PLAN-E can play a key role in contributing to the knowledge and expertise area