State of Play of open data policies and EOSC

(The!)
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DG RTD European Commission

4 with regard to the use & management of research results and data

- ✓ **Open Data**: FAIR data sharing is the default for funding scientific research
- ✓ **Open Science cloud**: All EU researchers are able to deposit, access and analyse European scientific data through the open science cloud, without leaving their desk

- ✓ **Altmetrics**: Alternative metrics to complement conventional indicators for research quality and impact ("next generation metrics")
- ✓ **Future of scholarly communication**: All peer reviewed scientific publications are freely accessible

European Commission

Open Access policies: focus now

- **Open Access to Publications**:

  2014: mandatory in H2020
  2018: launch of **Open Access Publications Platform**

- **Open Access to research data:**

  2017: **Default**, with opt-outs possible at any stage
  2017: **Research Data Management**: mandatory and FAIR
  2018: Mainstreaming in all Member States

- **European Open Science Cloud:**

  2018: launch of the 1st phase

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2018

- **March 15th:** SWD 'Implementation Roadmap for the European Open Science Cloud' to be discussed at RWP.
  - → The SWD proposes a process to get to EOSC.
  - → It executes what the EC Communication 2016 promises,
  - → reflects WP 2018-2020 Horizon 2020 programming actions
  - → is constructed on the EOSC Declaration (June 2017).
  - →It contains the implementation Roadmap for EOSC along six action lines.

- **April 25th:** Revised recommendation on Access to and Preservation of Scientific Information and the revised PSI Directive will be adopted by the Commission

- **May 28th-29th :** Competitiveness Council meeting + Conclusions (using the SWD, led by BU Presidency)

- **June 11th:** EOSC 'coalition of doers' Summit 2018:
  → provides a platform to voice the Council Conclusions on EOSC,
  → consult with the 'coalition of doers' on the 'Draft Rules of Participation of EOSC' and Draft 'FAIR Data Action Plan'.

- **September:** Publication of final proposal FAIR Data Action Plan by FAIR data EG

- **November:** Launch of the EOSC Governance Structure under the Austrian Presidency

- **November-December:** Publication of recommendations FAIR data EG.

- **December:** Publication of recommendations EOSC HLEG

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EOSC - Action lines in the implementation Roadmap. March 2018

Architecture	Architecture of the federated infrastructures as the solution to the current fragmentation in research data infrastructures which are insufficiently interoperable.
Data	FAIR data management and tools. A common data language to ensure data stewardship across borders/disciplines based on FAIR principles.
Services	Available services from a user perspective. A rich environment offering a wide range of services covering the needs of the users.
Access & Interface	Mechanisms/interfaces for accessing EOSC. A simple way for dealing with open data obligations or accessing research data across different disciplines.
Rules	Rules of participation for different EOSC actors. An opportunity to comply with existing legal and technical frameworks and increase legal certainty & trust.
Governance	Governance of the EOSC, aiming at ensuring EU leadership in data-driven science but requiring new governance frameworks.

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Revision of the 2012 Recommendation on Access to and Preservation of Scientific Information and the Revision of the PSI Directive. April 2018

Revision of the Recommendation:

- 2012: the Recommendation on Access to and Preservation of Scientific Information called on Member States to define and implement clear policies for open access to, as well as dissemination and preservation of, scientific information.

- 2016: the European Cloud Initiative has announced a technical revision aimed at updating the Recommendation in occasion of the release of the 2018 Data Package.

- 2018: The revision plan was very well received and it could benefit from the strong involvement of Member States and stakeholders.

Revision of the PSI Directive

- In the context of the revision of the Public Sector Information Directive, DG RTD welcomed DG CONNECT's initiative to extend the Directive's scope to publicly-funded research data in line with the Recommendation.

- The Recommendation can be considered as the most suitable instrument to reinforce the impact of the Directive and elaborate on MS/stakeholders implementation.

- 2018: The revised Recommendation and the revised PSI Directive will be adopted by the Commission on April 25th.

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EOSC 'coalition of doers' Summit (organised by EOSC HLG). June 2018

The Summit will provide:

- <u>A platform to voice</u> the Council Conclusions of an implementation Roadmap for the EOSC

- <u>An opportunity to consult </u>with the 'coalition of doers' on the 'Draft Rules of Participation of EOSC' and Draft 'FAIR Data Action Plan'

- <u>Demonstration to the 'coalition of doers' </u>of a continued and consolidated support in building up EOSC and a reflection on achievements and progress one year later.

- <u>A workshop</u> to discuss the FAIR Data Action Plan.

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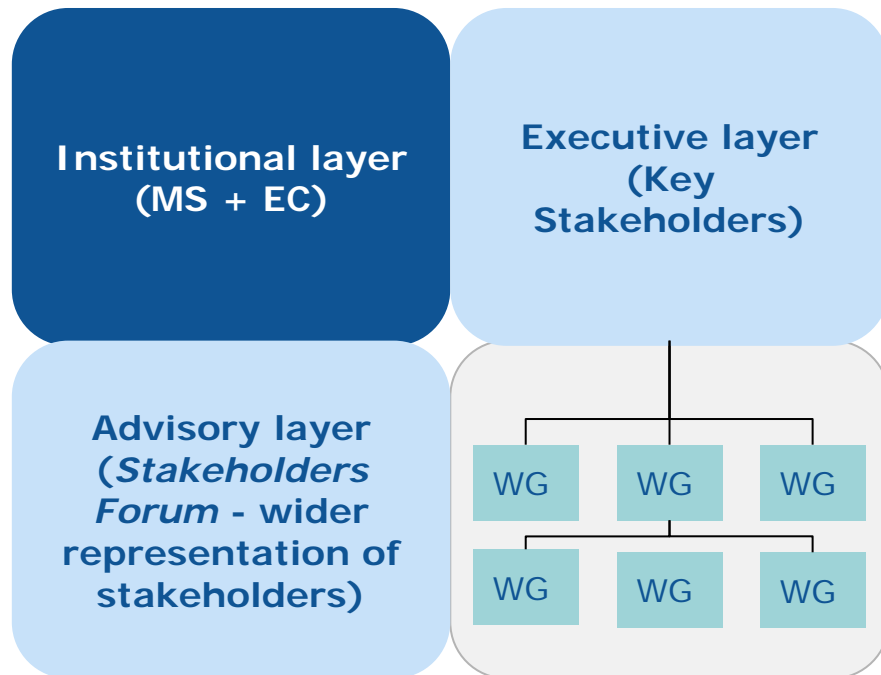
FAIR data Expert Group. Sept 2018

Main outputs:

- ➢ **Recommendations on FAIR**

- ➢ A proposal for a **FAIR Data Action Plan** (as foreseen by COM 2016(178)

- ▪ Based on open consultation between June and August 2018 at European and global level (e.g. RDA, CODATA, WDS, GO-FAIR, EOSC pilot and Expert Groups).

- ▪ Delivery of the proposal by end September 2018.

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Launch of the EOSC Governance structure. November 2018

- November 2018/ The EOSCpilot Stakeholders' Forum is foreseen to take place in Austria.

- The event would provide an opportunity to launch the EOSC governance structure.

- High-level representatives of Member States would be invited to the signing event.

- Back to back meetings foreseen with HLEG, OSPP, ERAC OSI to make sure the whole community is there....

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EOSC - Governance design based on the stakeholders input and gathered evidence

Institutional layer - MS & EC representatives
- Sets and oversees the implementation strategy of the EOSC
- Approves Executive 'Board' and its work plan
- Assesses achievements
- Coordinates with relevant MS/EC initiatives

Advisory layer: Stakeholders Forum - signatories to EOSC declaration
- Provides advice to the operational and institutional layer
- Contributes on a voluntary and need basis to the WGs

Executive layer (representatives of stakeholders) approved by the institutional layer
- Operationalises the strategy sets by the institutional level and propose a work plan
- Oversees (and coordinates) EOSC implementation through WGs on e.g. FAIR data, rules
- Reports back to the institutional layer on progress
- Channels input and advice from stakeholders
- Coordinates with relevant stakeholder initiatives

Working Groups under the executive layer
- Support the operational layer in the implementation of the work plan
- Work for and report back to the executive body

Institutional layer (MS + EC)

Executive layer (Key Stakeholders)

Advisory layer (*Stakeholders Forum* - wider representation of stakeholders)

WG WG WG
WG WG WG

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2019,-

What's next?

**The real work starts…
Lets make it happen together!**

Thank you

More information at
http://ec.europa.eu/research/openscience