ESCAPE
European Science Cluster of Astronomy & Particle physics ESFRI research Infrastructures

Conference **ESCAPE to the Future** | 25-26 October 2022

Royal Belgian Institute of Natural Sciences | Brussels, Belgium

26 October 2022, 13:30 - 15:30

ESCAPE Panel Discussion Science clusters and the EOSC Association: cooperation and new challenges

Chair:

Giovanni Lamanna
ESCAPE Coordinator
LAPP - CNRS-IN2P3

Panellists:

Niklas Blomberg
ELIXIR, EOSC-Life

René Buch
EOSC Association

Paco Colomer
ERIC

Andreas Petzold
Forschungszentrum Jülich, ENVRI-FAIR

Franciska de Jong
CLARIN, SSHOC

Jean-Francois Perrin
ESRF, PANOSC

Michel Schouppe
European Commission

Ron Dekker
Technopolis Group Belgium, EOSC Future

Questions to….

Michel Schouppe
(Senior Expert at the European Commission)

- **SCL are acknowledged in several circumstances, discourses and documents. What is the evaluation of the EC?**
- **How should the Science Clusters and their RIs ensure that their cross-RI services and open science projects can be consolidated into EOSC?**

ESCAPE - The European Science Cluster of Astronomy & Particle Physics ESFRI Research Infrastructures has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 824064.

Questions to….

René Buch
(Chief Technology Officer at EOSC Association)

- **How do you see the set-up of a cooperative framework in the future between EOSC Association and the SCL, how can we move this forward?**

- **SCL are acknowledged in several circumstances, discourses and documents. How to combine Universities and institutes (members of the EOSC Association) and the RIs producing (and in some cases consuming) data for the success of EOSC (or more largely of the Open Science Data Commons in Europe)?**

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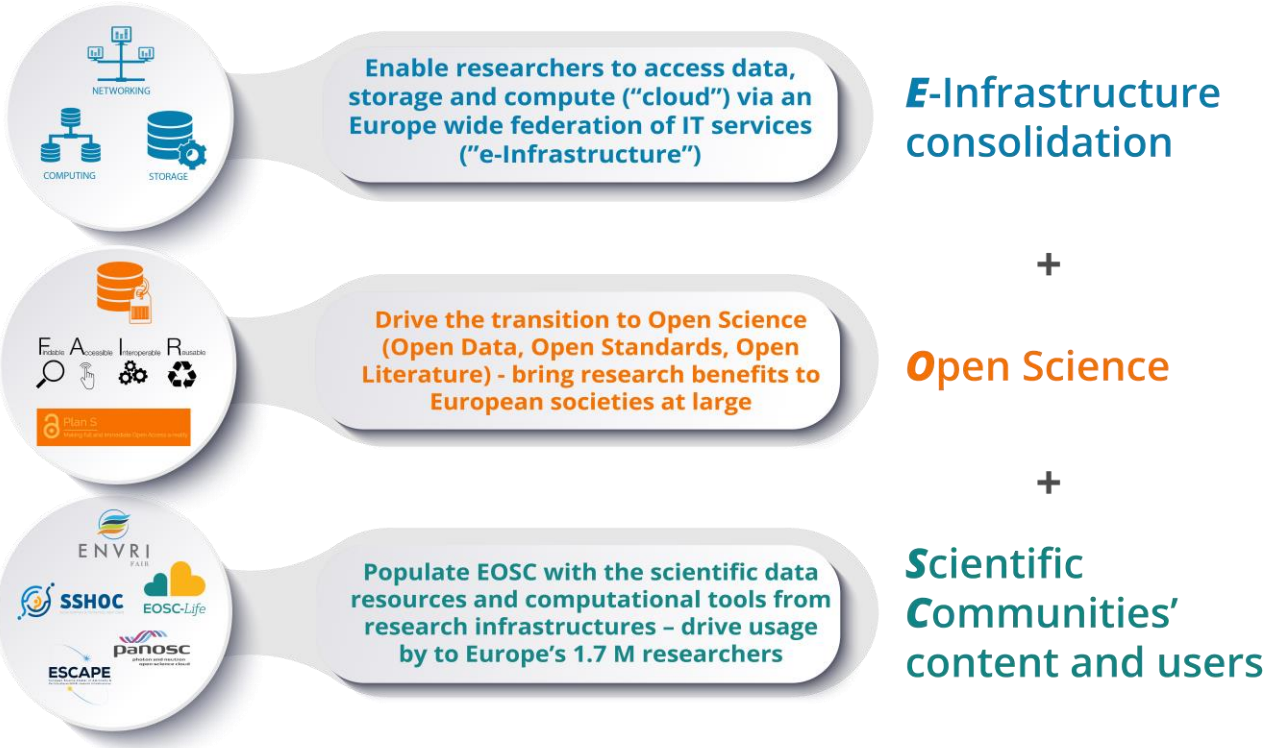
Questions to….

Ron Dekker
(Associate Consultant at Technopolis Group Belgium and EOSC Future Project Leader)

***E**uropean **O**pen **S**cience **C**loud =*



How can we consolidate the EOSC Future approach further in order to have an efficient operational pan-European infrastructure landscape with the e-infras, and further the implementation of Open Science, where both should be more aligned & respond to scientists' expectations?

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ERA Actions

1. Enable Open Science, including through the European Open Science Cloud (EOSC)
2. Propose an EU copyright and data legislative framework for research
3. Reform the Assessment System for research, researchers and institutions
4. Promote attractive research careers, talent circulation and mobility
5. Promote gender equality and foster inclusiveness
6. Protect academic freedom in Europe
7. Upgrade EU guidance for a better knowledge valorisation
8. Strengthen research infrastructures
9. Promote international cooperation
10. Make EU research and innovation missions and partnerships key contributors to the ERA
11. An ERA for green transformation
12. Accelerate the green/digital transition of Europe's key industrial ecosystems
13. Empower Higher Education Institutions
14. Bring Science closer to citizens
15. Build-up research and innovation ecosystems to improve excellence and competitiveness
16. Improve EU-wide access to excellence
17. Enhance public research institutions' strategic capacity
18. Support the development of EU countries' national processes for the ERA implementation
19. Establish an ERA monitoring system
20. Support research and innovation investments and reforms

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Questions to….

Paco Colomer
(ERIC Forum Chair)

- **Can the Science Cluster federative capacities let emerge new focus from the scientific community, RIs and ERICs and then process them as priorities or part of the plans or the operationalisation of the ERA?**

- **If yes in which extent and through which actions? In the reverse or complementary direction: should fora such as ERIC Forum, EIRO Forum, have the role to elaborate and address to the science clusters' management expectations to motivate consequently the evolution of the remit of the science clusters accordingly?**

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Questions to….

Michel Schouppe
(Senior Expert at the European Commission)

How can the Science Clusters and their competence centres play a significant role in ERA?

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Questions to….

Niklas Blomberg
(ELIXIR Director and EOSC-Life Project Coordinator)

Software/analysis workflows, their preservation, and the need to further develop them (e.g. AI methods) are key challenges in almost all domains including Life science. **Do you confirm? Where you see convergent and cooperative challenges ahead of the five clusters?**

One more key challenging field is the Data Management & Interoperability. **Which commonalities and differences do you see to respectively sharing and complement an inter-cluster work programme between ESCAPE and EOSC-Life?**

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Questions to….

Franciska de Jong
(Executive Director of CLARIN and member of SSHOC)

- **Social science sees in the future the synergies with the science clusters as a series of opportunities for transdisciplinary explorative science cases or this is what EOSC Association will implement? What are the synergies among clusters and the sustainability for the SC project further than the current H2020 grant should aim for?**

- **What is the added value for ESFRI Clusters to collaborate in the context of EOSC?**

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Questions to….

Jean-Francois Perrin
(Project Manager at ESRF and member of PANOSC)

Following the ESFRI domain classification ESCAPE & PANOSC fall together in the Physics domain at large.

Where do you see are the current and future opportunities for synergies between the domains of these two clusters and bridges between these two clusters? Where are the main differences, from your point of view?

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Questions to….

Andreas Petzold
(Head of Global Observations at Forschungszentrum Jülich and ENVRI-FAIR Project Coordinator)

What is more relevant in the future EOSC and EC work programme for environmental science: funding opportunities to intensify the community-based initiative for open science projects based on data research or finding out the way to shape the architecture in order to better serve the FAIRNess of environment data exploitation?

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Questions to….

Andreas Petzold (Forschungszentrum Jülich and ENVRI-FAIR)

Jean-Francois Perrin (ESRF and PANOSC)

Franciska de Jong (CLARIN and SSHOC)

Niklas Blomberg (ELIXIR and EOSC-Life)

Ron Dekker (Technopolis Group Belgium and EOSC Future)

We would like now to listen the point of view of each single cluster on three main subjects:

- **Commonalities, differences and fields of inter-RI cooperation between Science Clusters;**
- **What your own cluster is expecting from EOSC;**
- **What your best value-proposition to offer EOSC is | What your community or scientific domain can bring as main contributions to the implementation of EOSC.**

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Questions to….

Michel Schouppe
(Senior Expert at the European Commission)

What aspects should the Science Clusters consider when developing their sustainability scenarios in the EOSC?

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Any questions/comments from the audience?

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Thank you

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