EOSC Future Open Days

- Help create an EOSC that works

Tuesday 23 November 2021

The EOSC Future project is co-funded by the
European Union Horizon Programme call
INFRAEOSC-03-2020, Grant Agreement number 101017536

CC BY ND

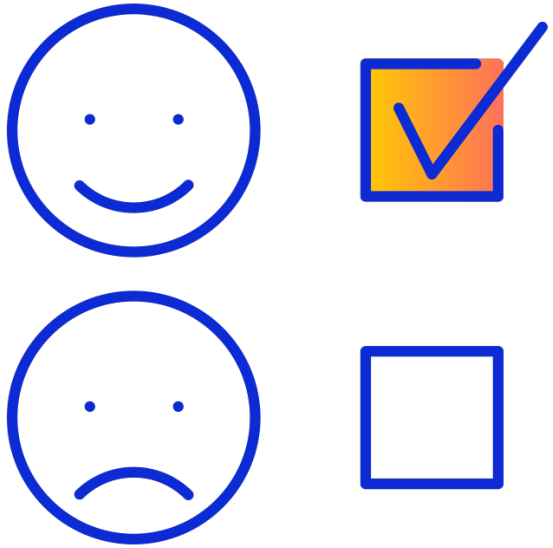
What we will talk about today

- 15´ Shape the future of EOSC by bringing your expertise
  - EOSC Future User Group
  - WP3 WGs
  - RDA Calls
  - Survey on commercial services and datasets
- 15´ Shape your research/business by leveraging the EOSC Future resources
  - EOSC resources from EOSC Future & INFRAEOSC-07
  - EOSC DIH Expression of Interest for Business Pilots
- 10´Launch of EOSC branding competition
- 10' Q&A

Shape the future of EOSC by bringing your expertise

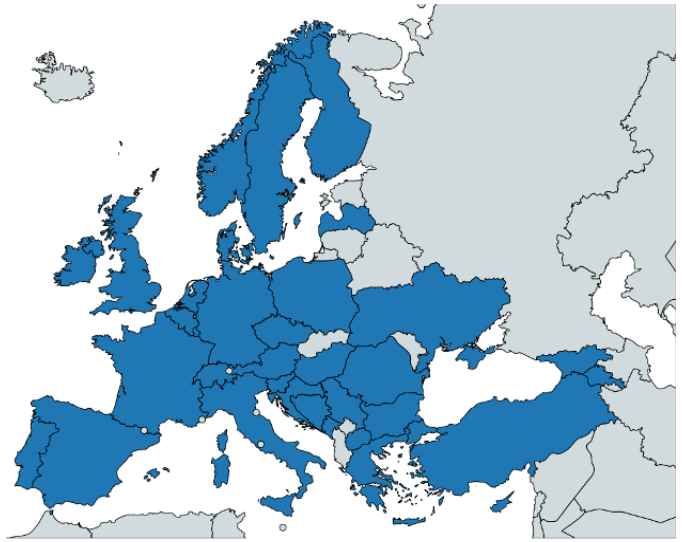
EOSC Future User Group

- Aiming from disconnected silos to a federated infrastructure providing added value to researchers
- Setting the scene for the future EOSC services and to strengthen the benefits of EOSC for researchers' every-day work
- Through the EOSC Future User Group, the project will assemble a team of "EOSC champions" from different scientific disciplines across the EU to help test and refine services and products.

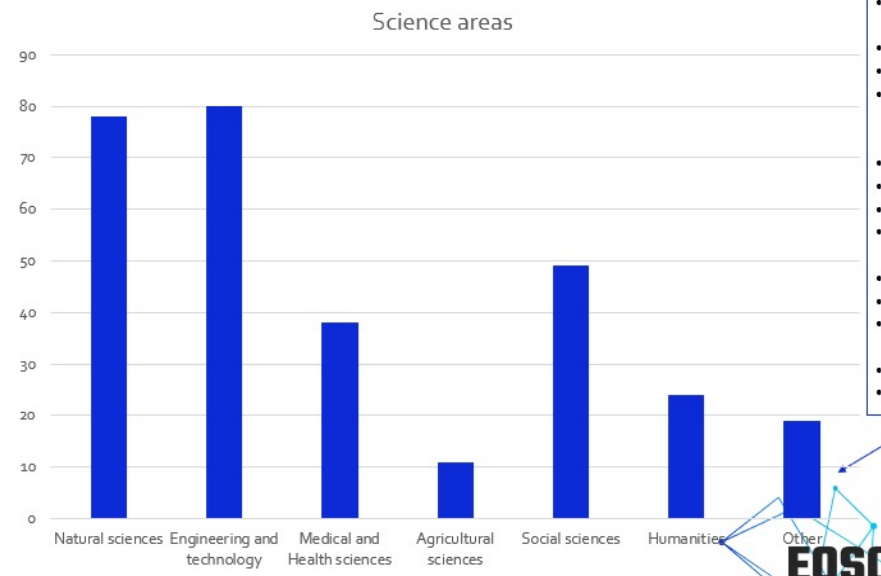


User input and co-creation will be hugely important in creating an EOSC environment that is fit-for-purpose and intuitive to use. That is why the project will regularly consult the EOSC community and a pool of test users to collect inputs and feedback on the services and tools we develop.

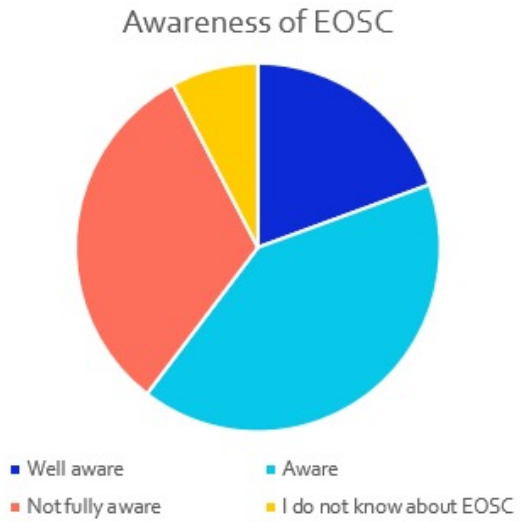
User Group: overview



Science Area



Other areas are such as
- Psychology
- Biotechnology
- Visual Arts and Artistic Research
- Sport Science
- Sport Psychology
- Engineering and technology and Medical and Health
- Linguistics
- Sciences
- Music
- Astronomy and Astrophysics
- Materials Science
- Data Science
- Interdisciplinary Sciences
- Open Science
- Information Science



- 298 members

eoscfuture.eu @EOSCFuture EOSCfuture

EOSC Future

Timeline of upcoming activities

- November 2021:
  - Profiling contributions
  - Survey on additional commercial data and services
- December 2021/Jan 2022
  - Input on training priorities
  - UX input on EOSC Portal
- January 2022
  - Contribution to the EOSC ESFRI workshop

Application Portal of EOSC Future User Group is open – apply already today!

Call for researchers to shape the EOSC Future solutions is open again:

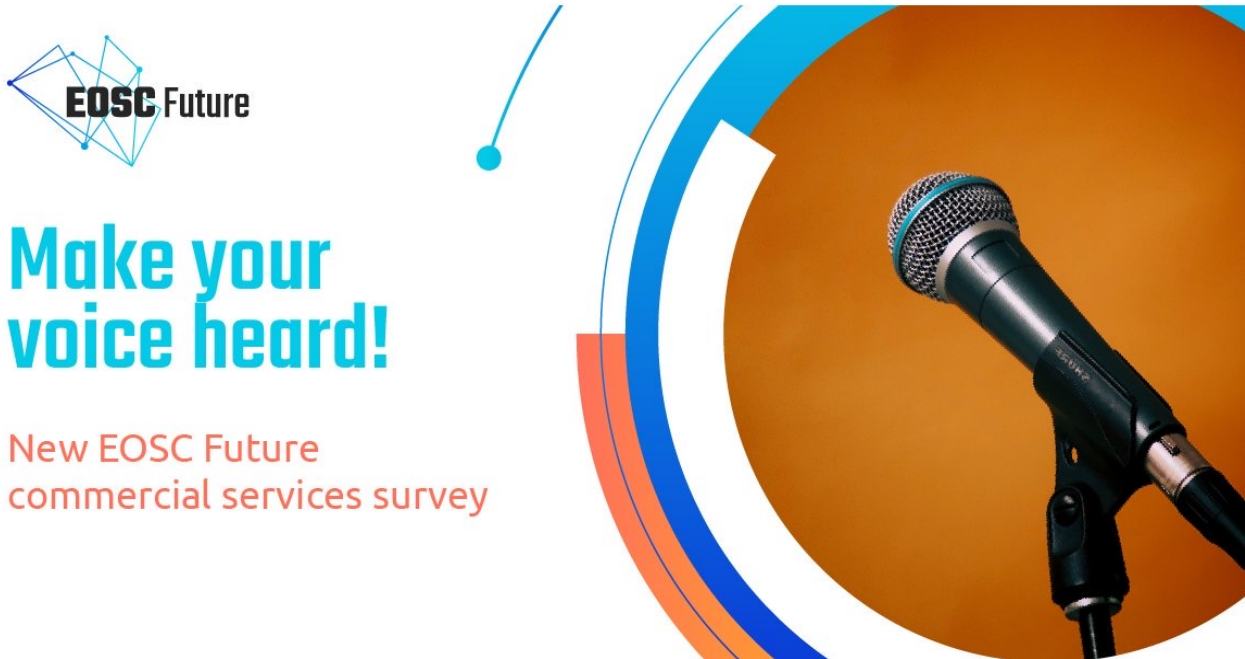
a. https://eosc-portal.eu/call-researchers-shape-eosc-future-solutions

Survey on commercial services & datasets

- What commercial services do you need access to?
- What datasets are you paying for that could be procured via EOSC? E.g. satellite imagery, census data, health data…
- Are there services / tools / datasets where development is needed e.g. improving quality, integration with other services, optimising scalability…

https://eosc-portal.eu/commercial-service-survey

Tell us what you need so we can procure it in EOSC!



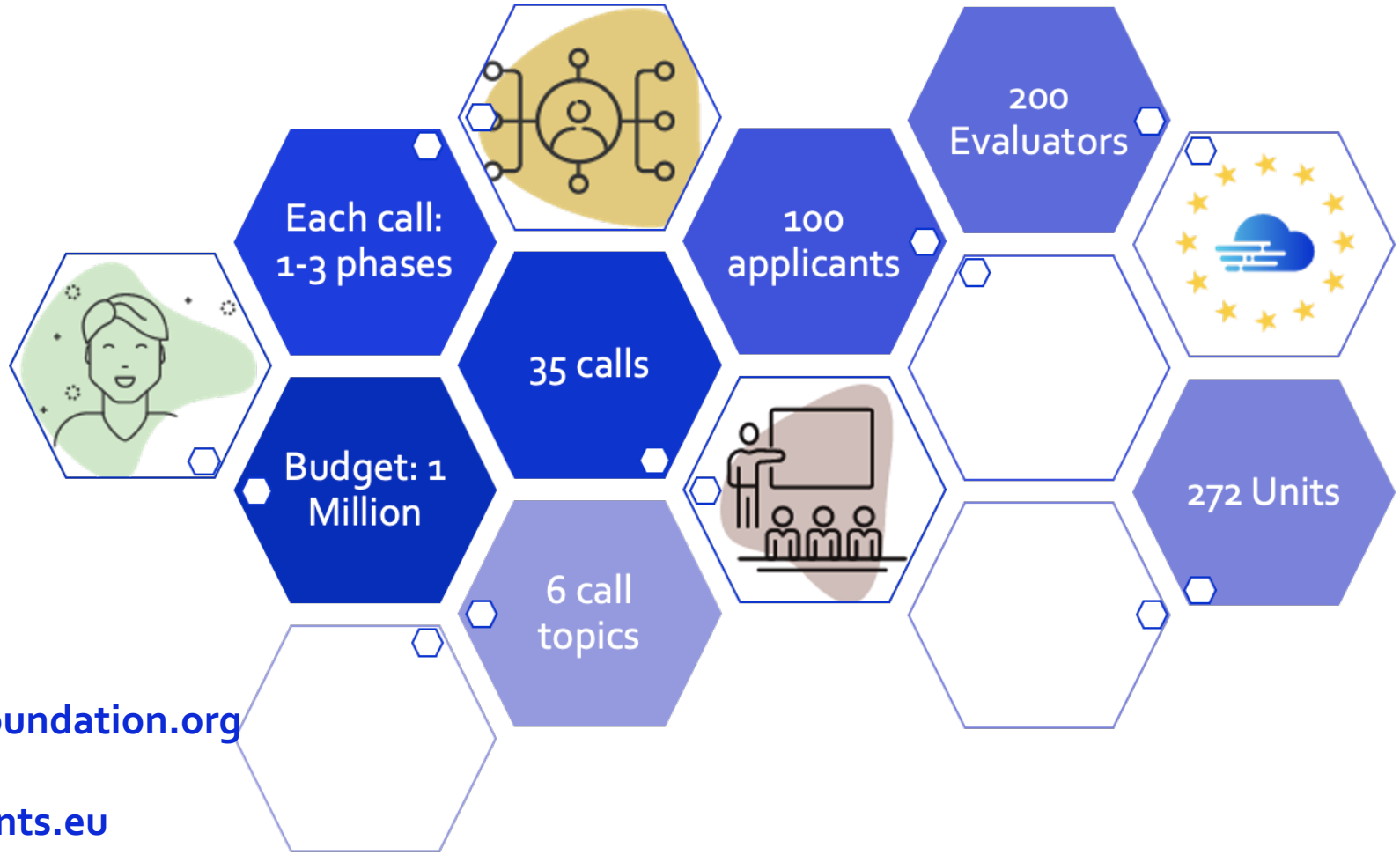
WP3 Working Groups

- Working Groups are expected to demonstrate an impact on architecture and interoperability activities of the EOSC Future project
- Existing WGs are revisited every 6 months then new calls open
- Established WGs cover the following topics:
  - Compute continuum WG proposed by EGI-ACE
  - Metadata WG proposed by ENVRI-FAIR
  - Research Product Publishing Framework WG proposed by OpenAIRE Nexus
  - Science projects and use cases
- There will also be an internal, cross-WP group on AAI to address operational aspects.

https://wiki.eoscfuture.eu/display/PUBLIC/Working+Group+Proposals

Getting the Research Data Community involved – RDA Open Calls

Overview of the Research Data Alliance Open Calls

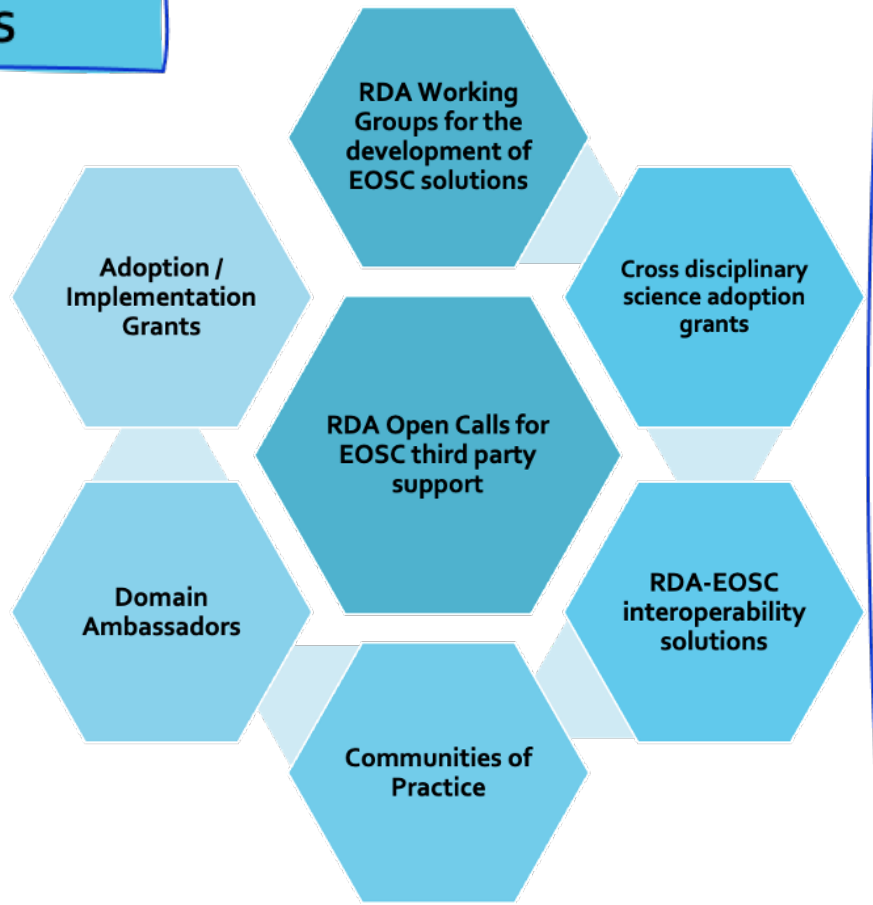


Rda-opencalls@rda-foundation.org

https://eoscfuture-grants.eu

EOSC Future / RDA Open Calls

6 Main themes



- **Objectives**: Enabling integration and take up of EOSC services in the context of RDA. Engage the community from the bottom up, contributing their knowledge of RDA to EOSC. Show real-time implementation.

- **Target:** European Third Parties
- Total Budget: € 1,000,000
- Total Calls: 19
  (using cascading grant mechanism)
- Timeline: July 2021 – July 2023

EOSC Future Funding Platform

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RDA CALLS RDA EXTERNAL EVALUATORS CALL

Call for RDA

EXTERNAL EVALUATORS

As part of RDA's principles of transparent and community-driven action, the project will use external evaluators to support its decision-making processes for the award of RDA open call grants in Europe.

The RDA External Evaluators will operate via the EOSC Future Funding Platform and will be responsible for evaluating the applications to cascading grants in response to the RDA open calls.

Selection criteria

- Have a strong demonstrated expertise in an area re RDA's mission
- Have good insights to the European Open Science international open science and research commons developments
- Be actively involved in RDA as a contributor to a Wo Interest Group or some other activity, especially in t 18 months

etails

Call for RDA External Evaluators | 15.06.21 - 30.06.23 | Ongoing

For Individuals or Organisations

Optimising (RDA) Open Science Frameworks and Guidelines in the context of EOSC

This call is seeking applications from individuals or organisations around the concept of improving existing technical data frameworks while at the same

Opening date: 13 Aug 21 - 12:00pm CET am CET
Closing date: 30 Nov 21 - 04:00pm CET

€12.500
per approved application

Apply

Read more >

For Individuals or Organisations

RDA Open Call for Domain Ambassadors #1

Click to add text

Opening date: 11 Nov 21 - 12:00pm CET am CET
Closing date: 15 Feb 22 - 04:00pm CET

€7.500
per approved application

Apply

Read more >

For Organisations

RDA Open Call for Maintenance Facilities

Opening date: 11 Nov 21 - 12:00pm CET am CET
Closing date: 15 Mar 22 - 04:00pm CET

€40.000
per approved application

Apply

Read more >

Current Call: Optimising (RDA) Open Science Frameworks and Guidelines in the context of EOSC

Focus on:

a) maintaining, optimising and documenting existing frameworks with particular reference to RDA's Outputs and Recommendations.
b) Analysis of existing technical documentation and if it is fit for purpose, where it can be optimised.
c) RDA Recommendations: promoting existing recommendations within a community.
d) Translating an RDA recommendation into a technical document or a manual and set out how future communities can use it.

Important: Frameworks should be based on existing RDA outputs and recommendations.

How much can be applied for?

- Total €12.500 per grant awarded

Who can apply?

- Individuals based in Europe, European Organisations

Deadline: 30 November 2021

JUST OPENED

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Call #2: Maintenance facilities

What is it about?

- Maintenance facility for RDA recommendations and outputs so that they can be persistent and available for implementation and use in EOSC.

Who can apply?

- Individuals and organisations
- Applicants can be based in research groups or institutions, or SMEs across Europe.

Financial contribution

- The RDA Open Calls programme will offer 1 grant of maximum €40,000.00 to support the work in this area over the course of the EOSC Future project. Estimated duration is 8-12 months

Call #3: Domain Ambassadors

Rda-opencalls@rda-foundation.org

https://eoscfuture-grants.eu

What is it about?

- Enable communities connected to RDA but outside of EOSC to leverage EOSC services and ultimately to support the community driven disciplinary developments and their integration into EOSC.

Who can apply?

- Disciplinary experts and groups residing and/or working in an EU country or associated country.

Financial contribution

- Grants of a maximum of €7,500 are offered which target recognised domain experts and skilled communicators, to serve as conduits between the RDA, EOSC Future and the wider domain specific communities they belong to.

Shape your research/business by leveraging the EOSC Future resources

EOSC Future & INFRAEOSC-07 projects

- EOSC Future project will deliver an operational EOSC Platform by 2023 in collaboration with other EOSC-related projects.
- INFRAEOSC-07 projects are mandated to enhance the EOSC Core with additional resources and services:
  a. C-SCALE: **pan-European federated data and computing infrastructure services for Copernicus**
  b. DICE: **data management services** and **storage resources**
  c. EGI-ACE: c**loud compute and storage facilities, PaaS services and data spaces with analytics tools and federated access services**.
  d. OpenAIRE-Nexus: **scholarly communication services** that will assist in publishing research, monitoring its impact and helping promote its discovery.
  e. RELIANCE: **support for multidisciplinary research, particularly in Earth Science**, aligned with the EOSC Interoperability Framework

The INFRAEOSC07 offering

C-SCALE will federate compute and data resources from the Copernicus DIAS, the national Collaborative Ground Segments and the European Open Science Cloud (EOSC) towards a European open source Big (Copernicus) Data Analytics platform:

- Storage services: up to 12 PB

- Cloud services: up to 17,728,500 CPU hours

- HPC/HTC services: up to 3,100,000 CPU hours

- GPU services: up to 6,000 GPU hours

DICE makes available a set of data management services (and associated resources) for researchers and research communities from any scientific domain including:

- Data archives (up to 25 PB)

- Policies based data archives (up to 17 PB)

- Personal and project workspaces (up to 5 PB)

- Data repository services for data sharing (up to 8 PB)

- Data discovery services (with PID and DOI services and metadata harvesting)

EGI-ACE will deliver the EOSC Compute Platform and will contribute to the EOSC Data Commons. Services offered include: compute and storage resources, compute platform services, data management services and related user support and training.

The total **capacity** that EGI-ACE makes available through the call between 2021-2023 is:

- 80,000,000 CPU hours

- 250,000 GPU hours

- 20 PB storage

support to Argos DMP service by drafting discipline specific DMPs, Horizon Europe DMP support

set your own community research gateway (connect.openaire.eu) and Zenodo communities

access open science metrics for your projects, institution, community

service to anonymise your data and comply with GDPR

support and mentoring on Horizon Europe open access mandates

Provides three core services for Research Lifecycle Management:

- ROHub: tool to facilitate the exchange of information across the scientific community.

- Text Enrichment and Mining: service which automatically extracts valuable information and metadata from bibliographic sources and other text documents

- Datacube technology for Earth Observation (EO) data management: efficient access to extensive collections of multi-temporal and multi-dimensional EO imagery, also allowing interoperability among the different information layers.

One common denominator is the enhancement of the EOSC Portal with new resource

EOSC Future & INFRAEOSC-07: what is coming next

1. **EOSC Future Ask me anything sessions**: monthly one-hour ask-me-anything sessions online to present the EOSC services and widen the EOSC user base. The sessions will address EOSC services provided by EOSC Future and the INFRAEOSC-07-2020 projects
2. **EOSC providers day** (spring 2022): 1/2 day(s) event; **focus on service providers only**. The objective of these events is to encourage resource providers to join the EOSC and explain to them how to do that, showcasing success stories.
3. **Joint Hackathon:** four-day hackathon on EOSC services to encourage uptake of resources.

EOSC DIH Expression of Interest for Business Pilots

- EOSC DIH helps private businesses benefit from digital technologies, services and personnel offered by the EOSC.
- Through its Business Pilot programme, the EOSC DIH has released an Expression of Interest to boost the competitiveness of
  - Start-ups and spin-offs
  - SMEs
  - Large enterprises
  - Other businesses developing solutions in key areas
- Applications open until **3 December 2021, 17.00 CET**
- See related session tomorrow (Wed 24th) at 10:30

Finding the New EOSC Logo

23rd November 2021

Sarah Jones, GÉANT, Director EOSC-A
Ute Gunsenheimer, Secretary General, EOSC-A

EUROPEAN OPEN SCIENCE CLOUD

EOSC Future

Why?

- A picture is worth a thousand words
- But a thousand different pictures do not necessarily tell a good story

EOSC SYNERGY

EOSCsecretariat.eu
Setup and management of the EOSC Secretariat supporting the EOSC Governance

panosc
photon and neutron open science cloud

FAIRSFAIR
Fostering Fair Data Practices in Europe

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

ENVRI FAIR

EOSC-Life

EOSC NORDIC

EOSC Future

EOSC FUTURE

EOSC-Pillar
Coordination and Harmonisation of National &Thematic Initiatives to support EOSC

SSHOC
social sciences & humanities open cloud

NI4OS Europe

Why?

- A picture is worth a thousand words
- But a thousand different pictures do not necessarily tell a good story
- A plethora of EOSC related visuals and logos have been created and used under Horizon 2020
- Visual fragmentation of the landscape
- Limited impact of EOSC brand awareness

Launch of Horizon Europe – a Splendid Opportunity for Consolidation

- “To ensure complementarity of outcomes, proposals are expected to cooperate and align with activities of the EOSC Partnership and to coordinate with relevant initiatives and projects contributing to the development of EOSC.”

- Create the EOSC brand during the coming decade of the Horizon Europe EOSC Partnership by establishing a consistent ‘corporate design’ framework for all HE projects.

How?

- Launch of a Europe-wide logo competition
- Invite young designers enrolled in arts and graphic design studies across Europe to create the new EOSC logo
- Ask an expert jury to assess the technical quality in the first round of evaluation
- Invite the EOSC community and the boarder public to choose the winning logo from a short-list by public voting

What should the logo convey?

Key aspects of EOSC vision

- Integrated platform
- Open Science
- Facilitate research
- All scientific communities
- Diverse data types
- Discover data
- Share with other researchers
- Combine data and services...

Design specifications

- Should use max 2 colours
- It cannot include a cloud
- It cannot include stars
- Adopt the abbreviation EOSC
- Potentially include a graphical element
- Meet accessibility guidelines
- Be flexible to adopt to different formats

Timing

23.11.	Official launch
	Direct mailing to universities and social media activities
31.01.	Submission deadline
Feb.	Expert jury and short-list (+ IP checks)
March	Public voting
April	Development of design guidelines for HE projects
May	Start of first HE projects

How can you help to promote the Competition?

- Competition will be hosted on www.eosc.eu
- Promote the competition through your networks and channels
- Distribute it at your universities should you relevant design / arts departments
- Put a banner on your website and link to the competition page
- Participate in the public voting
- Use the new logo should you be awarded a HE grant

Q&A

www.slido.com

Code: #065285