



# **EOSC Additional Activities Plan**

**Workshop "Lessons learned"**

**5th July 2022**

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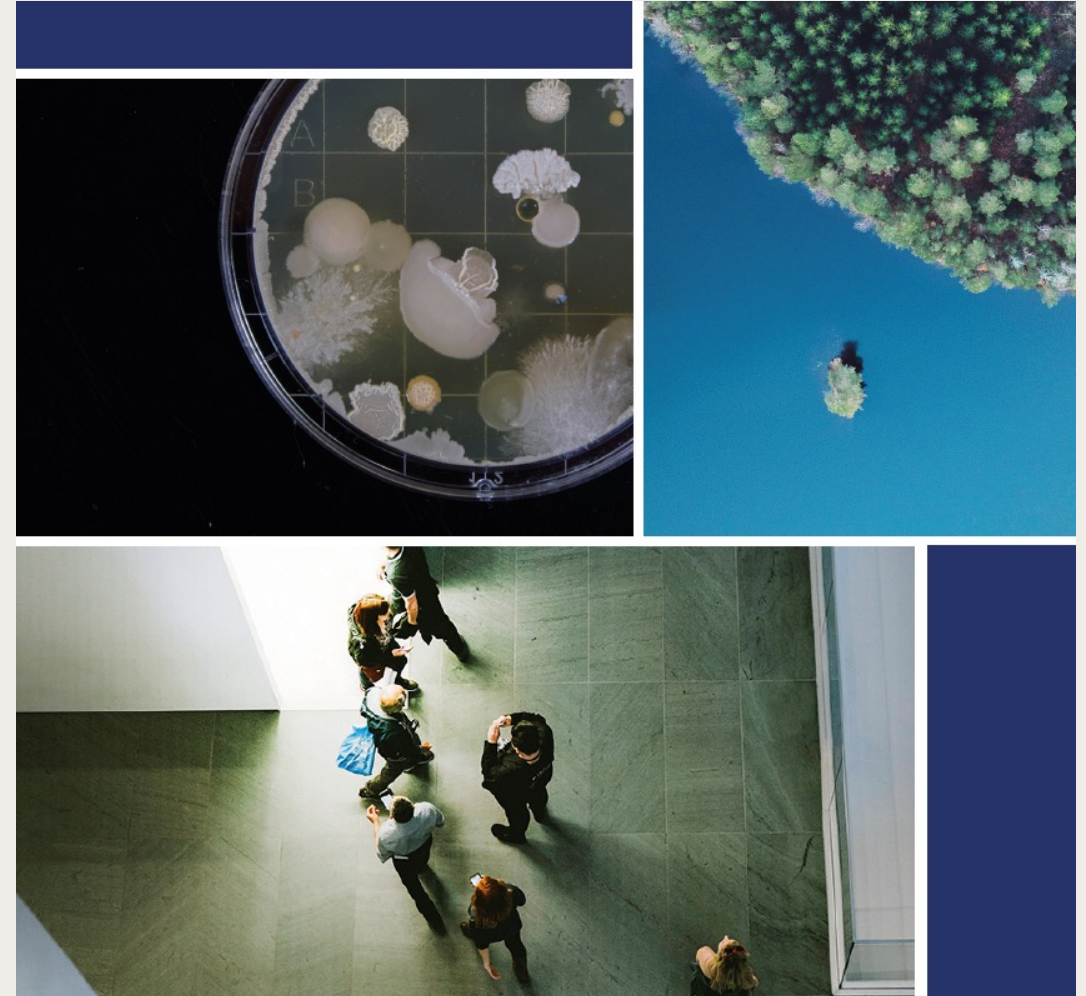


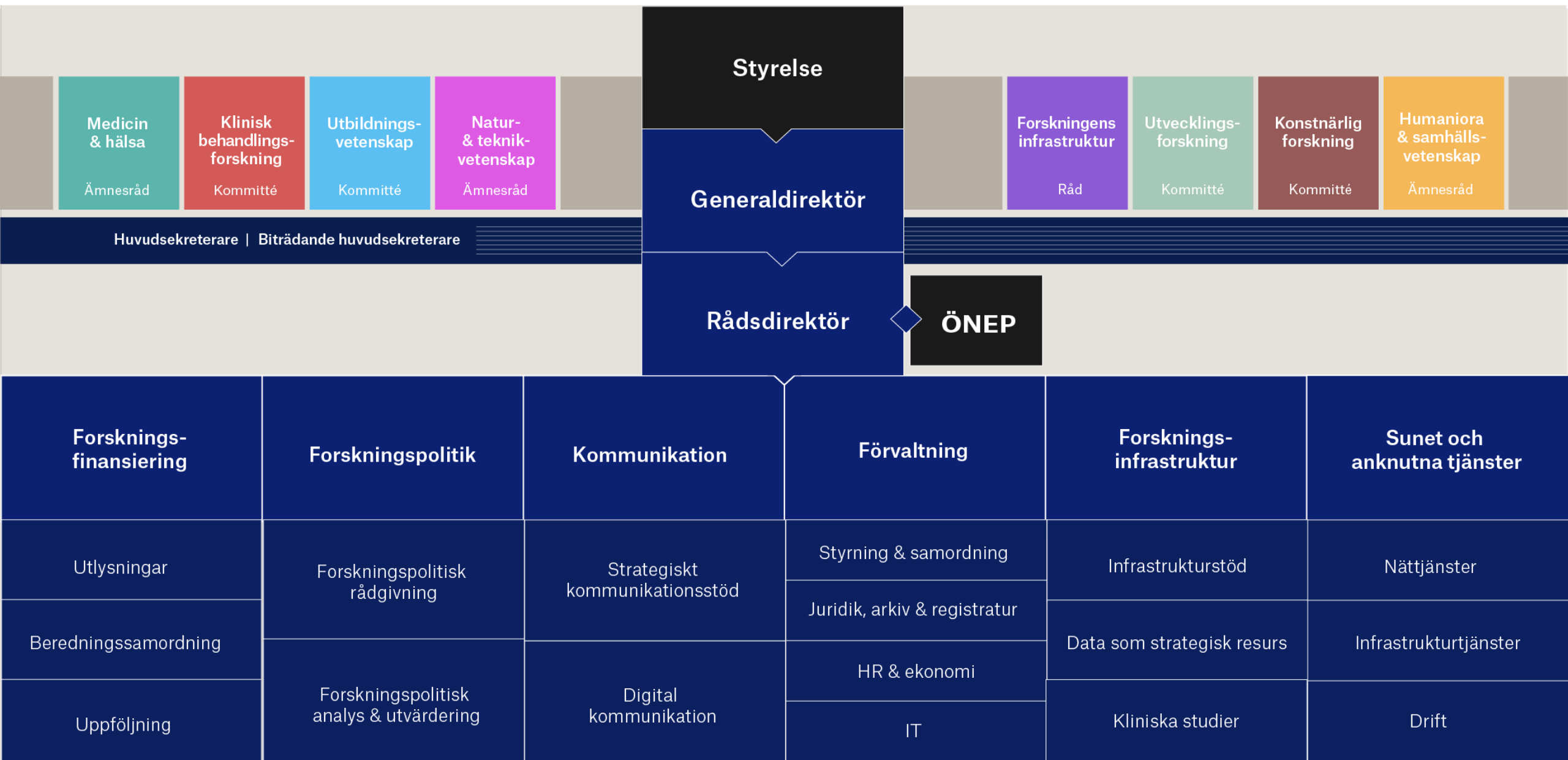
# Swedish Research Council

Sweden's largest public research funding agency, supporting research and research infrastructures of the highest quality within all scientific fields.

## Our assignments

- **Funding of research:** Largest public funder of research at Swedish universities, colleges and institutes, distributing just over SEK 6 billion (~557M €) per year.
- **Analysis, evaluation and mapping:** Analyse and follow up the research system and give advice to the government on future research policy.
- **Research infrastructure:** Funding of research infrastructure both in and outside of Sweden.
- **Research communication:** Coordinate communication about research and research results, and fund several different activities in the field.







## Swedish Research Council – Roles open science and EOSC

- Government assignment to ***”promote and coordinate the national work with introducing open access to research data”*** (aim 2026)
- National Point of Reference on Scientific Information in the European Commission’s expert group.

### **EOSC**

- Appointed by the government as the Swedish mandated organisation in the EOSC Association
- Supporting role in EOSC Steering Board
- EOSC-A TFs and projects







# EOSC in Sweden



Swedish Research Council

## The Swedish Research Council's reference group for open access to research data and the European Open Science Cloud (EOSC)

The work of the reference group includes

- contributing to a good overview of the landscape in terms of the work on open access to research data nationally and within the European Commission's investments and initiatives, with particular focus on EOSC
- creating engagement with, wide acceptance of , and spreading knowledge about the Government's mandate on open access to research data and the European collaboration on these issues
- facilitating the implementation of the FAIR principles to promote access to research data
- contributing to an overview of the development, how the practical work on open access to research data is done, and other relevant issues in the implementation of open access to research data of relevance to organisations.

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Organisations represented in the reference group

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## **EOSC-A members**

- Chalmers University of Technology
- European Spallation Source, ESS
- Karolinska Institute
- Linnaeus University
- Lund University
- Research Council for Sustainable Development, Formas
- Stockholm University
- Swedish University of Agricultural Sciences
- Umeå University
- University of Gothenburg
- Uppsala University
- Swedish Research Council

Read more: <https://www.vr.se/english/mandates/open-science/open-access-to-research-data/european-open-science-cloud---eosc.html>



# EOSC-A Additional Activities Plan (AAP)

## Input provided

- **June 2021:** Coordinated input on activities for consideration to be included in plan.
- **Jan/Feb 2022:** Member organisations reporting additional activities 2021/2022.
  - *Expressed need for coordination to discuss how overlap, including co-funding and joint activities, should be dealt with and reported.*

## Experience

- Mapping of relevant contributions and scope, including internal coordination
- Methodological considerations: Financial contributions and in kind activities (FTEs)



# EOSC AAP: Mapping relevant roles and activities

- **Coordination:** Government assignment to promote and coordinate the transition to open access to research data
- **Funding:** Largest public research funding organisation in Sweden
  - Assignment to fund national research infrastructures and Sweden's participation in international infrastructures.
  - Special requirement on providing open access to research data for research infrastructures that we fund.
  - Requirement for DMP in research that we fund
- **Services:** Operates national research infrastructures, including Sunet, the Swedish University Computer Network, and the Swedish Register Metadata Catalogue RUT (Register Utiliser Tool)
- **Other:** participation in EOSC TFs, projects and related engagement at the European and national levels.

## Activities

### Category 1. Support to additional R&I

Category 2. Scale up of technologies (private entities)

### Category 3. Demonstrators

Category 4. Business opportunities

### Category 5 Training & skills development

Category 6 Contribution to the development of new standards, regulations and policies

### Category 7 Supporting ecosystem development

Category 8 Communication, dissemination, awareness raising, citizen engagement

### Category 9 Other



# Mapping of relevant activities contributing to EOSC's objectives

## **GO1: Skills and competences - Open science becomes the "new normal"**

- **Recommendation** on open access to research data
- **Vision and guiding principles** for open access to research data
- **Competence-enhancing** initiatives and guidance
- Work on **incentives and research assessment** (incl. Coalition on Research Assessment)

## **GO2: Standards, tools and services (data)**

- **Criteria, recommendation, and guidance** on FAIR research data.
- **Requirements for data management plans** for research funded by the SRC.
- **Coordination of data management plans** - introduction of a common template and provision of digital tools
- **Mapping and analysis:** open access and FAIR data, processes for

open access in different disciplines.

- **Developing a tool**, RUT, that will enable efficient searching and matching of information on metadata in registers.
- **Supporting services** to enhance register data FAIRness: clinical quality registry data, biobanks, government registers.

## **GO3: Sustainable and federated infrastructures**

- **Funding** of infrastructures for data access and research infrastructures with specific requirements to support open access to data.
- **Host** for SUNET, the Swedish University Computer Network, providing Swedish universities and colleges with access to data communication and related services.





## Mapping of relevant funding distributed by the SRC – defining the scope

- **National research infrastructure:** 3.2 bn SEK (approx. 297M Euro) to research infrastructures, membership in international organisations and major research facilities (2021).
- From **appropriation directions** (December 2021)
  - ***Ap.2 Research funding and research infrastructure (Recovery and Resilience Facility funding):*** 450M SEK to research infrastructure.
  - ***Ap5. Research funding and research infrastructure:*** At least:
    - 50M SEK to biobanks and registers, (...)
    - 40M SEK to data driven research
- **Grant for investment in existing research infrastructure:** Total grant amount for 2021-2025 is 364M SEK
- **Co-financing of Covid19 data portal:** 6M SEK for 2020/2021.
- Investments in infrastructure managed by the SRC



# Approach to AAP – Reporting financial contributions

Activity type 1.1: **Upgrade** of existing research infrastructures and e-infrastructures that **may be federated** through EOSC

- Reported:
  - 2021: 27.2 M SEK (= est. 2.57 M Euro)
  - 2022: 73.7 M SEK (= est. 6.95 M Euro)
- The SRC's reported contributions **included** funding for upgrades (investment grant) and other investments:
  - funding for upgrades and investments of **research data infrastructure**
  - funding for upgrades and investments of research infrastructures with **well-established processes for research data management** practices (restrictive criteria)
  - Investments for upgrades of data infrastructures operated by SRC
- Instruction to avoiding overlap with European funding – Potential overlap in reporting of national / institutional financing to be addressed in methodology?
  - *“Funds distributed or re-distributed by RFOs to all relevant infrastructures should also be indicated as a planned contribution (...).”*



# Approach to AAP: Reporting in kind contributions

*Activity 7.11: Being the contact point or coordination mechanisms for EOSC uptake at national or institutional level*

- *SRC is the Swedish mandated organisation in the EOSC Association and integrate this task with a coordination assignment to coordinate the work on open access to research data.*
- *This involves engaging with external stakeholder groups, including reference groups and networks, internal management and supporting the work in the EOSC Steering Board.*
- ***2-2.5 FTEs are fully dedicated to the tasks of coordinating this work, however it is not possible to clearly distinguish this role from the other subactivities in the survey***



# SRC's experience AAP

- Categories were relevant and can contribute to getting a good picture of relevant activities and contributions.
- Number of categories including some overlap in subactivities - challenging to estimate in kind contributions.
- Consider providing a recommendation/ methodological guidance on whether and how to deal with / avoid reporting of financial contributions at several levels (incl national and institutional), and in reporting by different members.
- Consider appropriate time for discussion and coordination.



# Thank you for your attention!

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*Foto: Unsplash Anders Nord*