



Research Infrastructures and International collaboration

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Dr. Katarina Bjelke, Director General

Swedish Research Council

Swedish Research Council



Sweden right now

- Newly appointed government. Moderate, Christian Democrats and Liberal party.
- Prime minister Ulf Kristensson (Moderate party, liberal-conservative)
- New minister for Higher education Mats Persson (Liberal) from Lund
- New state secretary Maria Nilsson (Liberal)
- Very little is known about what will happen to the research funding.





EU presidency 2023

The third time for Sweden.

It takes place at a time of global tensions, war on our continent, challenges around energy and materials but hopefully with a pandemic that has diminished.



EU Presidency

- June, 19–20 June, 2023 in Lund, Southern Sweden
- High level meeting on Research Infrastructure, theme **”The future of research infrastructure-increased benefit for society”**
- One aspect that the presidency conference will highlight is the role of research infrastructures and the possibilities with using data, re use of data and open data.
- Program including side events and other conferences under the presidency has been planned and it will be presented in December.



Swedish Research Council

The Swedish Research Council is
Sweden's largest governmental research
funding body in Sweden

Katarina Bjelke, Director General

Swedish Research Council



Mandate of Swedish Research Council

Fund research of high quality

**Advisor to the Government on Research
Policies**

Research Infrastructure

Research Communication

Swedish Research Council



SRC has a mandate to

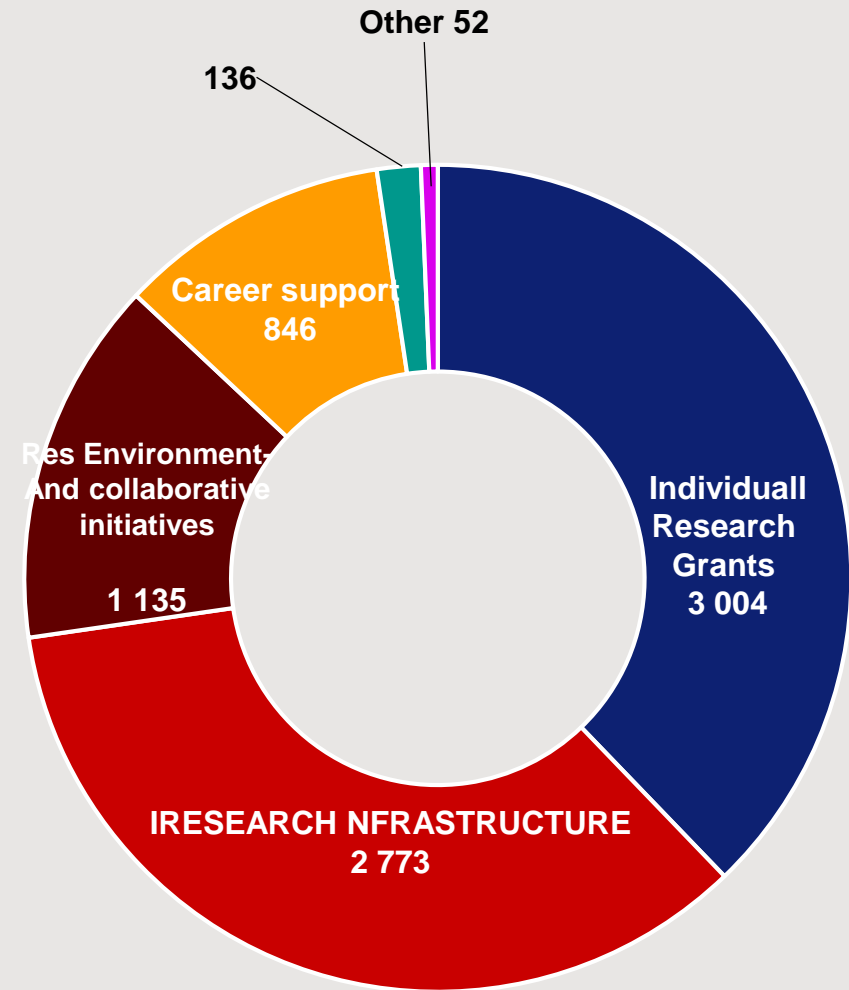
- Develop strategies and a Road map of Research Infrastructures in Sweden
- Handling Infrastructure for Clinical Studies and Registry Research
- Follow up and evaluate Research Infrastructures
- Fund National Research Infrastructures
- Fund membership in International Research Infrastructures and Organisations
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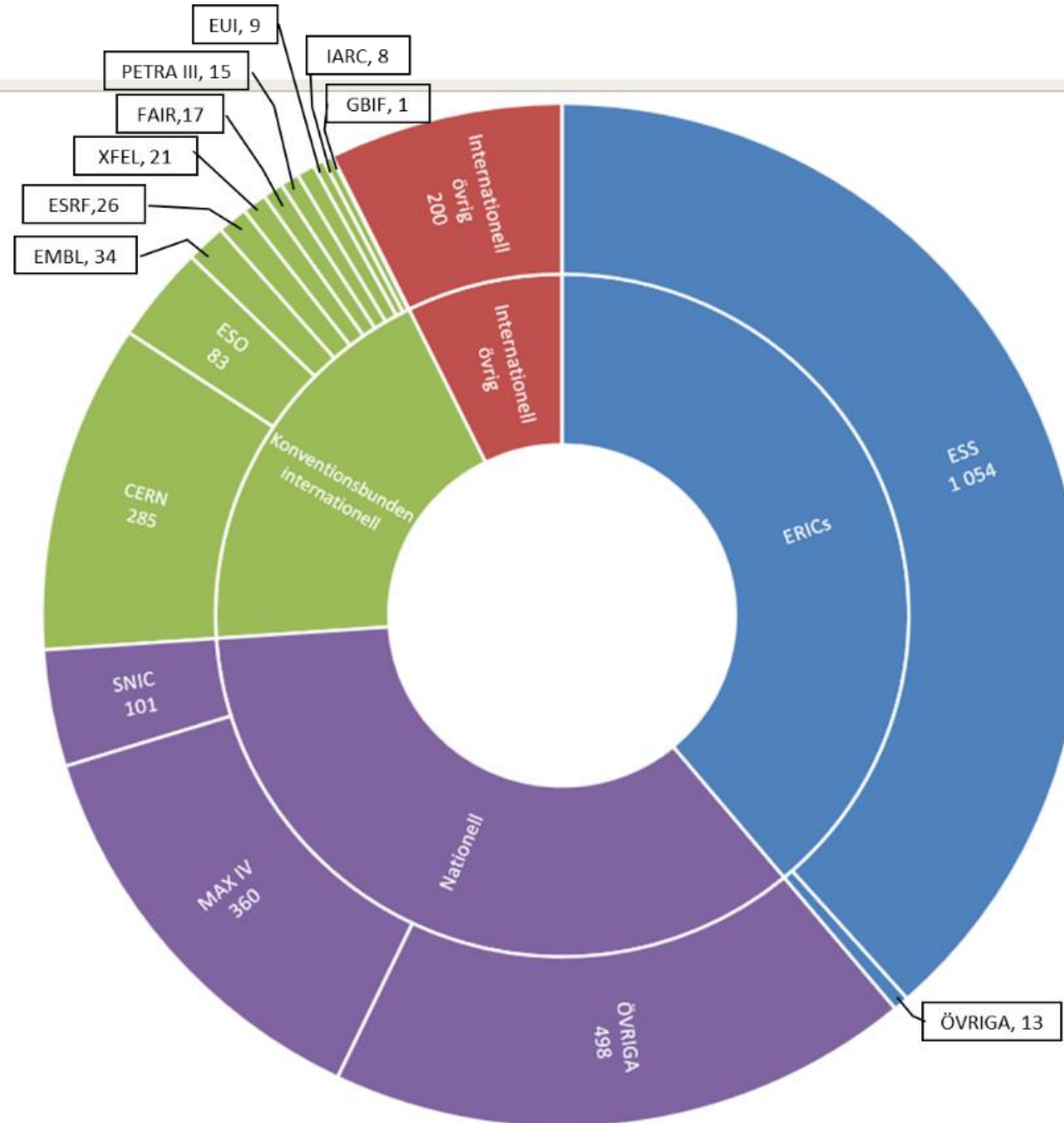
Distribution of funding 2021

- In 2021, budget 8,1 billion SEK, or 0.8 B EURO





Distribute of funds for Research Infrastructures in 2021 (in MSEK)





What's going on around ESS and MAX IV?

- ESS and MAX IV positioned a few hundred meters apart
- A growing research and innovation region: Science Village, Ideon Science Park, MediconVillage, MediconValleyAlliance
- The Öresund region: 4.1 million inhabitants, 13 colleges and universities, 130,000 students, 11,000 researchers





The Office for ESS and MAX IV

A joint government assignment to the SRC and Vinnova to coordinate national efforts towards ESS and Max IV.

Purpose: Maximizes the benefits of ESS and MAX IV for Sweden.

The office started in 2020. Today 5 FTEs with a turnover of €100'

A council with representatives from academia and industry support the office on strategic issues.



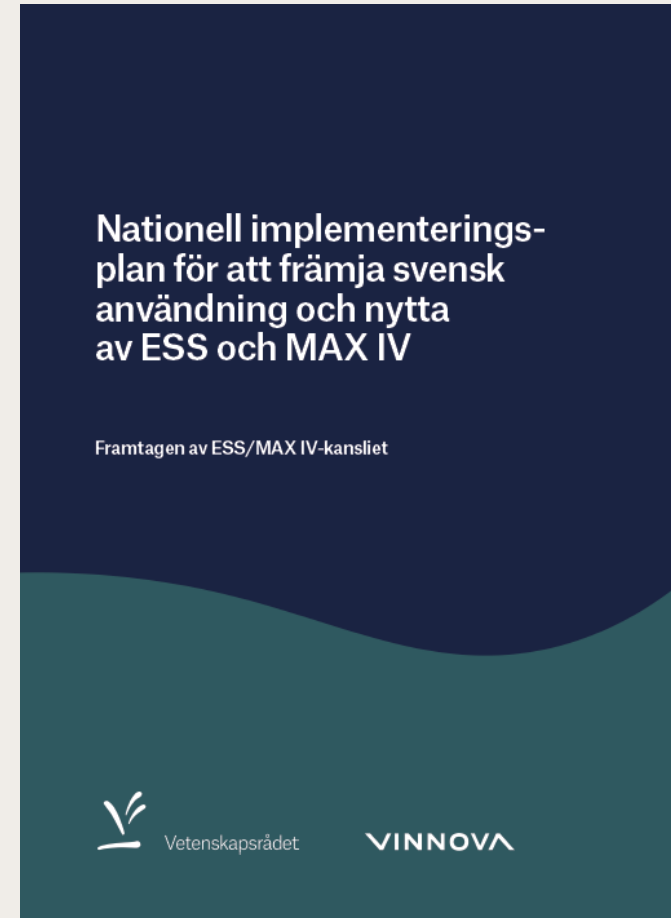
Big Science | ESS and MAX IV in Lund are two of the most advanced research facilities in the world



A national implementation plan to promote benefit and use of ESS and MAX IV

National goals:

- Financial and structural conditions are sufficient to exploit the potential of ESS and MAX IV.
- Sweden has high knowledge and broad competence to develop and use ESS and MAX IV.
- ESS and MAX IV have strengthened Sweden as a country of knowledge and innovation.



In 2021, the first version of a implementation plan was produced. An update is in the making.



ESS and MAX IV Office missions

- Increase national knowledge about the facilities.
- Broaden the Swedish use of the facilities.
- Increase engagement with new stakeholders and user groups in various sectors.
- Support and shed light on ongoing national initiatives.
- Coordinate ongoing and planned activities.



Challenges

- Global tensions
- Overall funding for research & RI
- Access to infrastructures
- Electricity cost and supply
- Inflation, leading to changes in indexation
- Spare parts, microchips etc
- Hot job market: Put strains on recruitment of qualified resources
- Career possibilities at research infrastructures
- AND MORE



Challenges and opportunities in RI

- **Global tensions/** responsible internationalisation, science diplomacy
- **Overall funding for research & RI/** can we work smarter and collaborate more
- **Access to infrastructures /** remote use, open data, and more communication on possibilities
- **Electricity cost and supply/** focus even more science on energy
- **Inflation, leading to changes in indexation/** partly central bank issue!
- **Spare parts, microchips etc/** help develop EU production
- **Hot job market: Put strains on recruitment of qualified resources/** take better care of all talents
- **Career possibilities at research infrastructures/** work on reforming merit system
- **AND MORE**



Science is all around us

Katarina Bjelke

Swedish Research Council