OPEN SCIENCE AT THE SWEDISH RESEARCH COUNCIL

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Political background

2012: Recommendation from EU-commission to member states
2012: Swedish research bill addresses open access
2013: Appropriation directions (regleringsbrev) to VR & KB

- Produced in consultation and collaboration between Swedish Research Council & the National Library of Sweden
- Contains two parts:
  - Scientific publications and artistic works
  - Research data
- Identifies opportunities and possible barriers to development towards open access
- Recommends the Gov’t to assign national coordinators

2016: New research bill takes further steps and addresses open science.
Research Bill:

Open access should be considered the **norm (when legally possible)** and

A vision to make a transition to an **open science system within the next ten years**.

Long term goal is to make research data as open as possible for re-use

---by other researchers, industry and others

---while respecting personal integrity and other legal aspects
Open Science at the Swedish Research Council

At the national level

- Support KB in their role as coordinating facility for open access to publications.

- Expect the assignment of becoming the national coordinating facility for work towards open access to research data. Have started to plan for this.

- Open access to publications and research data are coupled
Open Science at the Swedish Research Council, cont´d

Within the Swedish Research Council

- Requirement for OA publishing since 2010.
  - Evaluated thru questionnaires to researchers. Results available shortly.

- Others funders have similar requirements.
Open Science at the Swedish Research Council, cont´d

Within the Swedish Research Council

• Initiate work on our task on research data.

• Raise awareness on need for structured data management in projects and infrastructures since data volumes increasing rapidly (big data).

• Ongoing discussions w univ´s on long-term sustainable model for funding and operating digital infrastructure (SNIC).
Towards open access to research data

Open data requires focus on whole data management cycle.

- Creating or collecting data
- Processing data
- Analysing data
- Archiving and preserving data
- Dissemination and giving access to data
- Re-use of data

Adapted from data archive UK.
Data need to be archived in structured and secure way

• Initial focus at VR will be less on making data open.

Raise awareness for the need for

• adequate data management throughout the whole research process,

• structured and secured archiving.
• Research data need to be managed during the course of a research project to collect, analyse and document data properly.

• Ideally data management cycle is planned in the beginning of a project.

• VR considering data management plans in project applications.
A possible role for VR

Possible activities for VR as a national coordinating facility:
• raise awareness regarding data management and open access to research data.
• facilitate meetings and discussion between stakeholders
• expert authority
• coordinate national initiatives and stakeholders
• advisor to the Government
• represent Sweden in relevant EU and international fora

• Collaborate with other stakeholders—KB, funders, univ’s
Thank you for your attention!

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