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## Breakout group 2. OA Repositories and Research Management Systems

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### Summary

Research Management Systems (also sometimes referred to as CRIS Current Research Information Systems) are becoming a popular infrastructure component of universities and research labs as well as of national funding bodies. Such RMS often entail very detailed, structured and accurate descriptions of organisations, projects, researchers, their economy and their publications and other forms of output. The RMS on the one hand focus the needs of research administrators, funders and managers (input versus output, etc.) and on the other hand facilitate the administrative tasks of researchers by providing a high quality metadata pool that may be reused in project proposals, CVs, Personal profile pages, reference lists etc.

Open Access Repositories primarily focus the deposit, preservation and dissemination of publications as nodes in a new scholarly information system taking full advantage of the Internet. Focus is on building interconnected full text collections rather than obtaining highly detailed metadata descriptions. Most often these are in the form of Institutional Repositories and thus addressing the same researcher constituencies as the Institutional RMS.

Thus there is an interest in establishing an optimal synergy between these two types of systems (1). This may entail:

- metadata interoperability - see for example the Knowledge Exchange CRIS-OAR metadata interoperability project (2)

- full integration of RMS and repository systems, by for example:
  - adding a repository module to a RMS - as we typically see in the Danish systems (3)
  - reconfiguring an OA repository system to work with a RMS-oriented metadata format such as CERIF - as we see with Fedora (4) and ePrints (5) or the UK R4R project (6)

Just to name two aspects. It is hoped that the breakout session participants will shared their views on the key challenges in this area as well as their experiences with addressing these.

Time permitting, there might be an opportunity to take a look at the current Danish experiences of building a national system for research assessment based on metadata harvested from the universities. This could touch upon the challenges involved in deducing research quality/performance indicators from decentrally produced metadata and the potential Open Access aspect and impact of such a system.

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Links:

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(1) <http://www.knowledge-exchange.info/Default.aspx?ID=293> </br>

(2) <https://infoshare.dtv.dk/twiki/bin/view/KeCrisOar/WebHome> </br>

(3) <http://orbit.dtu.dk/app> </br>

Commercial <http://atira.dk/en/> </br>

(4) <https://or09.library.gatech.edu/fedora89.php> </br>

(5) <https://or09.library.gatech.edu/eprints205.php> </br>

(6) <http://www.kcl.ac.uk/iss/cerch/projects/portfolio/r4r.html> </br>

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