

National Open Research Analytic: Robust and open Insights & Analytics of Danish research

The Danish national initiative NORA, National Open Research Analytics, is a national data infrastructure which through Research Portal Denmark” <http://forskningsportal.dk/> provides a national perspective on Danish Research from both global, local and institutional sources.

The portal opened for public testing of four parallel prototype databases in February 2022, all of which display Danish research output from 2011 and forward based on different sources:

- Data from Clarivate in a 1 year pilot in beta release
- Data from Digital Science in a 1 year pilot in beta release
- Data from Elsevier in a 1 year pilot in beta release
- Data from Danish CRIS systems in alpha release. Currently the 8 Danish Universities with plans to also include the Danish University Colleges, Hospitals and a number of specialized public research institutions.

The four prototype databases share a common infrastructure and a uniform normalization of relevant name variants and concepts, which enables:

- a high degree of uniformity across the databases
- links between the databases, so one may observe how the different data suppliers describe the same publication
- Insights of how the different sources cover the Danish Research landscape
- Understanding of how research output registered in a global context vs. institutional context differ
- .. and the potential gain when combining these different approaches.

The poster highlights the backbone in the infrastructure; the NORA Data Enhancer, as well as examples of the many challenges and choices to be made when normalizing name variants and concepts. A sneak-peak into the ambitious future plans of Research Portal Denmark will also be presented. The poster is supplemented by a demo of the current versions of the four prototypes.

NORA and Research Portal Denmark is financed by the Danish Agency for Higher Education and Science.