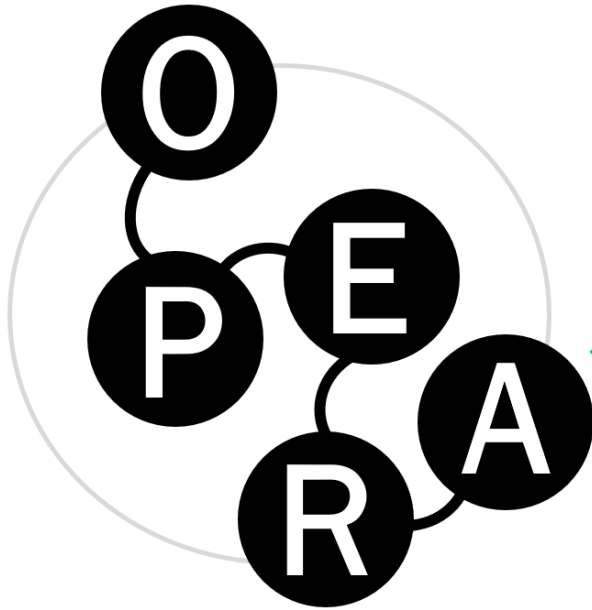


# OPERA

# Open Science Researcher Profiles

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Technical University of Denmark  
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## Open Research Analytics

**Project:** Danish project w. international partners  
Funded by the Ministry of Science and  
Higher Education

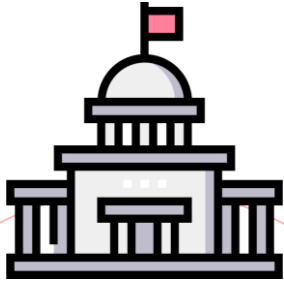
**NORA - National Open Research Analytics**  
A prototype built with Dimensions data and open tools —

**Work Package 3**

More info on <https://deffopera.dk/>  
Twitter @deffopera

# NORA - National Open Research Analytics

Government



Stakeholders



Universities



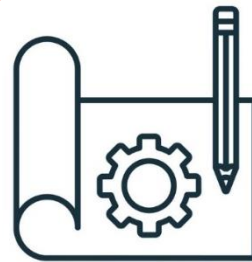
Hospitals



Dimensions

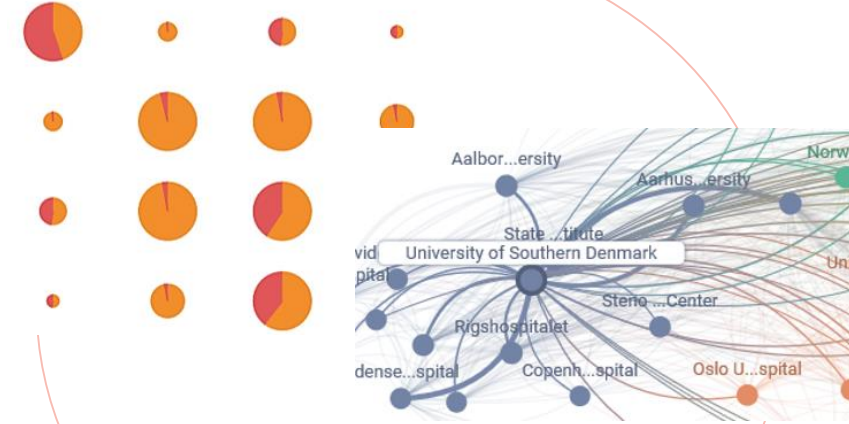
*Danish National*  
**RESEARCH DATABASE**

Global / Local data  
and Indicators



PROTOTYPE

Analytical  
Insights



Visualizations and  
Networks analysis



**OPEN SCIENCE**

- Open source
- Open system
- Open Access

**Researcher profiles**

**VIVO**  
connect • share • discover

**Data: 2014 – 2017**

Danish Universities

- [KU](#) (29.107)
- [AU](#) (19.191)
- [DTU](#) (15.222)
- [AAU](#) (10.072)
- [SDU](#) (9.429)
- [CBS](#) (1.559)
- [RUU](#) (1.267)
- [ITU](#) (427)

Danish Hospitals

- [Capital Region](#) (9.982)
- [Central Denmark Region](#) (7.468)
- [Southern Denmark Region](#) (4.721)
- [North Denmark Region](#) (2.190)
- [Zealand Region](#) (1.555)
- [North Jutland Region](#) (47)

NORA Search



GENERAL FILTERS:

- + Years
- + Danish Universities & Hospitals
- + Other Organizations
- + Funders
- + Main Subject Areas
- + Subject Categories
- + Continents
- + Countries

Sort by [year \(descending\)](#) ▾

[The Sliced Pineapple Grid Feature for Predicting Grasping Affordances](#)

Thomsen, Mikkel Tang , Kraft, Dirk , Krüger, Norbert  
2017, Chapter

[The use of light to enhance weaver ant \*Oecophylla longinoda\* Latreille \(Hymenoptera: Formicidae\) queen catches](#)

Nene, Wilson Angelo , Offenberg, Joachim , Rwegasira, Gratian Mutashoberwa , Mwatawala, Maulid Walad  
2017, Sociobiology, Article

[Social Work and Lived Citizenship](#)

Warming, Hanne , Fahnøe, Kristian  
2017, Chapter

[Feedback Halves the Dispersion for Some Two-User Broadcast Channels with Common Message](#)

NORA — National Open Research Analytics is a platform developed as part of the Open Research Analytics (OPERA) project, funded by the Danish Agency of Higher Education & Science. NORA is built with Dimensions data related to Danish Universities and University Hospitals from 2014-2017 and enhanced with data from Danish Research Indicators.

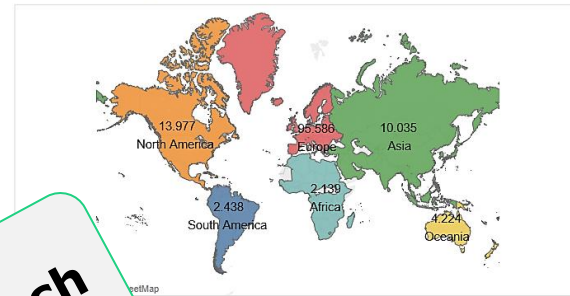


**Search**

Search for publications, datasets and clinical trials

**August launch**

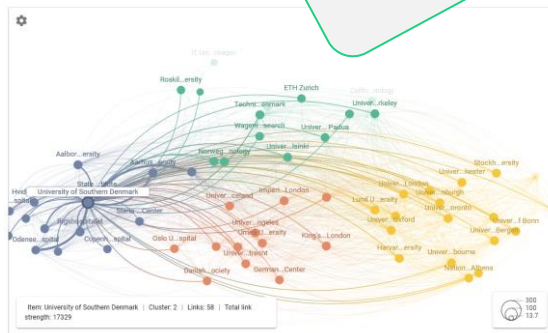
**Collaboration Map**



**Module Title**

Some description here Some description here Some description here

**October / November launch**



**Module Title**

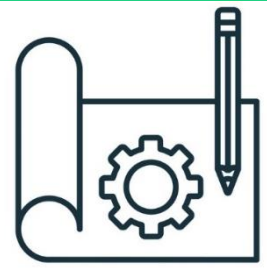
Some description here Some description here Some description here



**OPEN SCIENCE**  
Researcher profiles

**Module Title**

Some description here Some description here Some description here



PROTOTYPE



**Display Open Science efforts  
& activities**



**Experiment & learn**



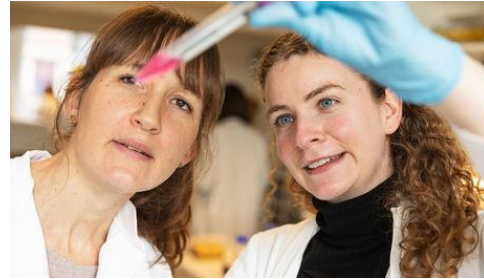
**Identify barriers & potential**

# Initial challenge



**Data**

# Manual approach



8-10 researchers from different disciplines



Data collection



Creating the profile prototype



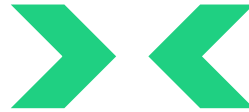
8-10 researchers from different disciplines

- Collaboration
- Feedback
- Exploring suitable metrics and indicators
- Testing prototype



## Data collection

- Publications
- Dataset
- Software
- Code
- Videos
- Peer review
- Presentations



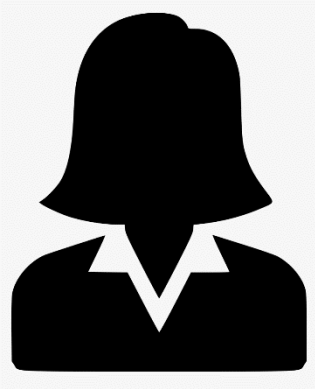
- Citations
- Downloads
- Views
- Forks
- Stars / likes
- SoMe attention
  
- Contribution

### Examples of sources





# Creating the profile prototype



## Output

- Publications
- Dataset
- Software
- Code
- Videos
- Peer review
- Presentations

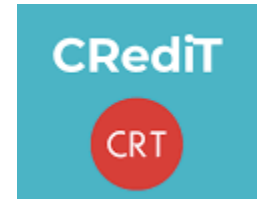


## Indicators

- Citations
- Downloads
- Views
- Forks
- Stars / likes
- SoMe attention



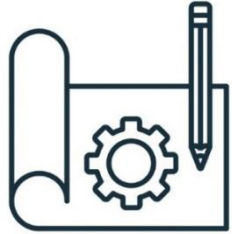
## Contribution



## Viz



# Expected outcomes



PROTOTYPE

Best case prototype(s)

## Understanding of:

Barriers, challenges and possibilities

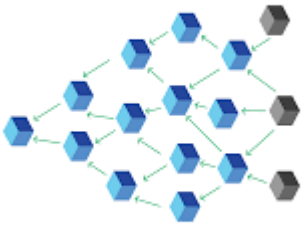
Suitable data sources

Disciplin specific considerations

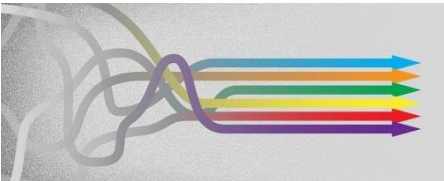
# What might we learn from the work?



Possible potential



Scalability → what will it take to automate the solution?



**Aligned initiatives / future collaboration?**

# What is next?

- Launch of 1st prototype Oct/Nov 2020

## Project reports and articles

### OPERA WP1 Project Report no. 1

Web of Science & InCites Data for VIVO Research Analytics Platform (VIVO RAP)

Falcoz, F. , Steensboe, C. , Lauridsen, N. D. , Lowe, B. , Ibanez, K. H. , Sandfær, M.  (2020).





DOI: 10.6084/m9.figshare.11743341.v1

URL: <https://doi.org/10.6084/m9.figshare.11743341.v1>



### OPERA WP1 Project Report no. 2

Test of DTU Research Analytics Platform, Collaboration Module

Steensboe, C. , Ibanez, K. H. , Lauridsen, N. D. , & Sandfær, M.  (2020).







DOI: 10.6084/m9.figshare.11882064.v1

URL: <https://doi.org/10.6084/m9.figshare.11882064.v1>



### OPERA WP4 Project Report no. 1

The University Research Analytics Platform: Collaboration-, Publication-, Researcher- and Unit Modules

Falcoz, F. , Lowe, B. , Lauridsen, N. D. , Steensboe, C. , Sandfær, M. , Ibanez, K. H.  (2020).

DOI: 10.11581/dtu:00000087

URL: <https://doi.org/10.11581/dtu:00000087>



<https://deffopera.dk/> & @deffopera

