

The future of ODISSEI

Pearl Dykstra (EUR) | 22 October 2019



ODISSEI

Open Data Infrastructure for Social Science and Economic Innovations

Introducing ODISSEI

- Who are we?
- What do we do?
- How can scientists use ODISSEI?
- What does the future hold?



Who are we?

ODISSEI has 32 members that together contribute € 1.2 million per year. These include universities, research institutes, ministries and government research agencies. The number of members is continuously growing and diversifying.



Who are we?



Who are we?

The ODISSEI Management Board oversees strategic development...



Ruurd Schoonhoven



Marcel Das



Pearl Dykstra



Irene Nooren



Tom Emery



Who are we?

The ODISSEI Executive Team oversees day to day operations...



Lucas van der Meer



Pearl Dykstra



Kasia Karpinska



What do we do?



What do we do?

Microdata access

Secure access to CBS data for around 700 researchers from a broad range of scientific disciplines

LISS panel access

A national laboratory for high quality methodological and scientific innovations.

Financing fieldwork

Maintaining existing international panels such as SHARE, ESS, EVS and GGP. Promoting open access data collections with a good price-quality ratio.

HPC access

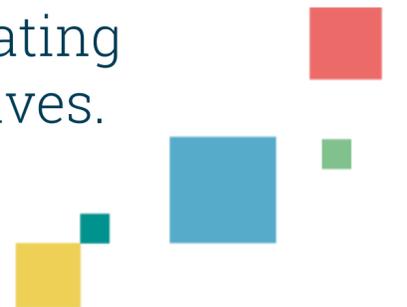
Development of a secure High-Performance Computer (HPC) environment for social scientists for the analysis of survey and register data.

Standards

Definition and implementation of standards within the social sciences to increase interoperability, monitoring change and improving data quality.

Communities

Building bridges with other disciplines, representing the interests of social scientists and participating in international initiatives.



Using ODISSEI

Currently....

- LISS Access Grants (~5 per year)
- Microdata Access Grants (~5 per year)
- Microdata Access Discount (up to 50% discount for ODISSEI members)



ODISSEI Roadmap proposal

- Submitted in June 2019
- Requested Budget of €19.6 million for 2020-2024
- 13 partners: EUR, SURFsara, CBS, DANS, CentERdata, eScience Center, VU, UvA, Utrecht, Maastricht, Leiden, NIDI, IISG
- Final funding decision in April 2020



ODISSEI Roadmap

Key researchers

Pearl Dykstra

Marcel Das

Tom Emery

Jacco van Ossenbruggen

Tanja van der Lippe

Dorret Boomsma

Rob van Nieuwpoort

Frank van Harmelen

Herbert van de Sompel

Rens Vliegenthart

Daniel Oberski

Marike Knoef

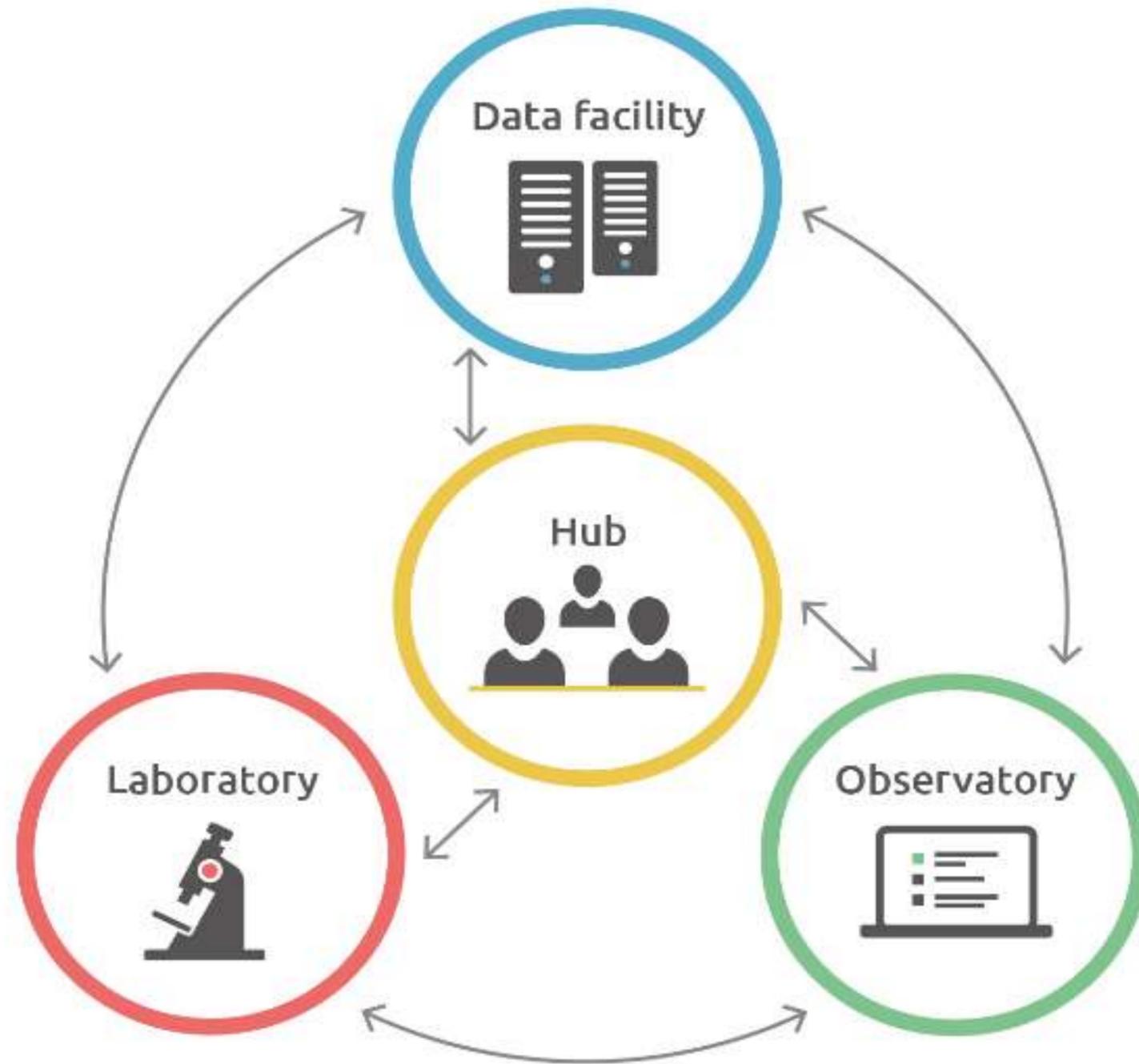
Michel Dumontier

Kees Mandemakers

Arnout van de Rijt



ODISSEI Roadmap



The ODISSEI Data Facility



- Helps social scientists find the data they need (including administrative data)
- Provides access to a secure supercomputer (OSSC)
- Reduces time spent searching for data
- Makes data (survey, registry, social media, textual) Findable, Accessible, Interoperable and Reusable



The ODISSEI Observatory



- Makes current data collections sustainable
- Enables full participation in all Dutch Social Science European Research Infrastructure Consortiums (ERICs – SHARE, ESS etc)
- Integrates new methodologies from the LAB
- Finances fieldwork



The ODISSEI Laboratory



- Provides innovations in data collection and analysis
- Develops experimental platforms
 - ODISSEI Media Content Analysis Lab
 - ODISSEI Mass Experiment Online Lab
 - ODISSEI Citizen Science Platform
- Automated data disclosure checks, automated data linkage



The ODISSEI Hub



- Educational programme
 - Summer schools and workshops on how to use ODISSEI
- Community managers & events
- Analytical support services
 - Dedicated data scientists and developers to help social scientists expand their research repertoire



ODISSEI enables social scientists to

- Better address key societal challenges and find solutions
- Capitalise on research opportunities that the digital age offers
- Produce a shift in the way research is conducted
- Continue to be world leaders in their field



Questions?

www.odissei-data.nl



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