Data Stewards and Digital Preservation in Everyday Research Practice

iPRES 2019
16TH INTERNATIONAL CONFERENCE ON DIGITAL PRESERVATION AMSTERDAM

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TUDelft

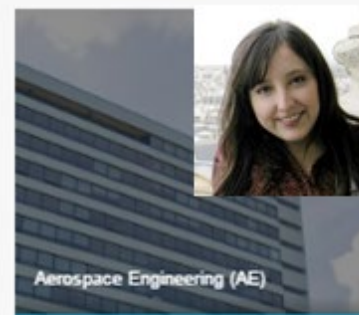https://doi.org/10.5281/zenodo.3371722

THE TU DELFT DATA STEWARDS

Coordinator located at the library
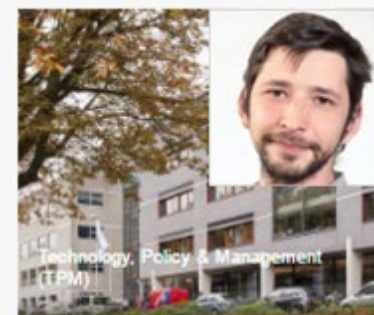A dedicated Data Steward at every faculty

Architecture and the Built Environment

Civil Engineering and Geosciences (CEG)

Aerospace Engineering (AE)

Technology, Policy & Management (TPM)

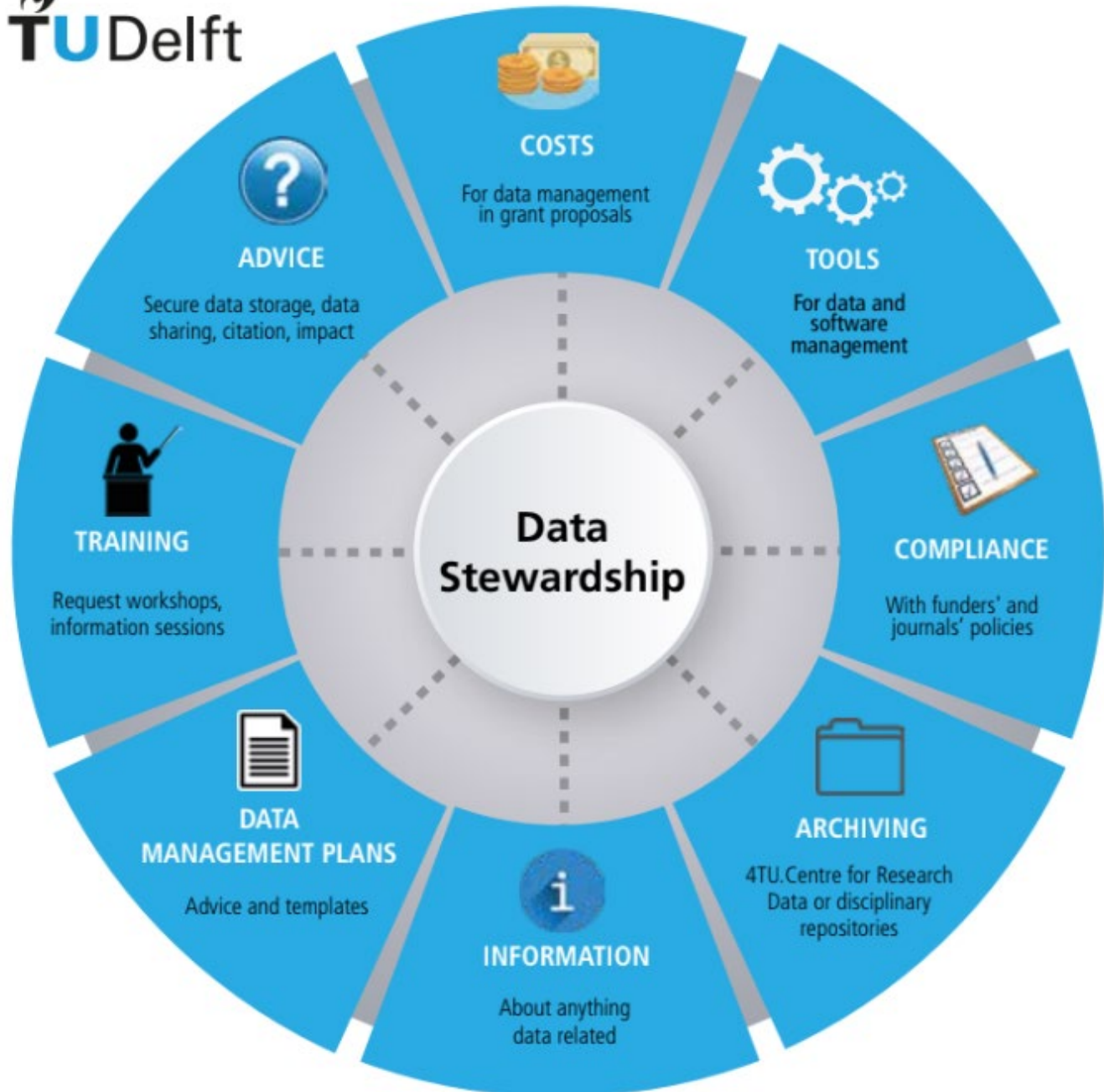Electrical Engineering, Mathematics & Computer Science (EEMCS)

Industrial Design Engineering (IDE)

Applied Sciences (AS)

Mechanical, Maritime and Materials Engineering (3mE)

TU Delft

Data Stewardship

COSTS
For data management in grant proposals

TOOLS
For data and software management

COMPLIANCE
With funders' and journals' policies

ARCHIVING
4TU.Centre for Research Data or disciplinary repositories

INFORMATION
About anything data related

DATA MANAGEMENT PLANS
Advice and templates

TRAINING
Request workshops, information sessions

ADVICE
Secure data storage, data sharing, citation, impact

THE TU DELFT DATA STEWARDS

Mediators/facilitators/consultants

- suggesting improvements to practices and gaining insight on implementations
- raising awareness

'incremental cultural change'

RESEARCH DATA MANAGEMENT POLICIES AT TU DELFT

TU Delft Research Data Framework Policy

- Roles and responsibilities at the university level
 - PhD students required to deposit their underlying research data
- Published (https://doi.org/10.5281/zenodo.2573160)

4TU. CENTRE FOR RESEARCH DATA

8 separate Faculty Data Policies
- Roles and responsibilities at the faculty level
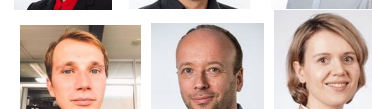- Reflecting disciplinary differences
- *In development*

https://doi.org/10.5281/zenodo.2684278
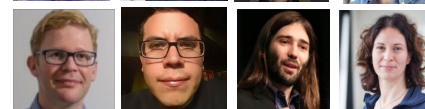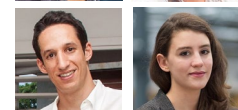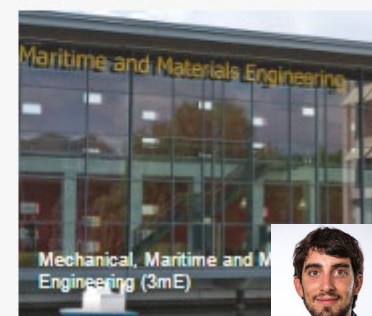
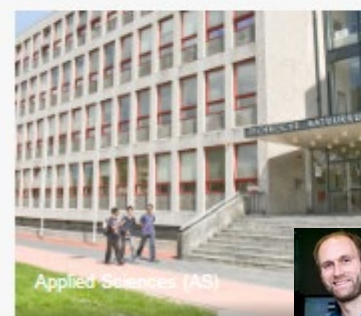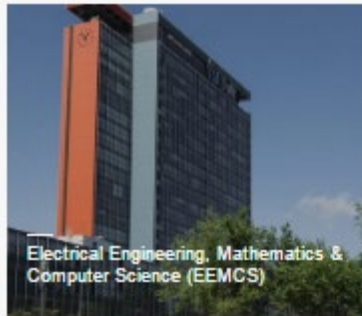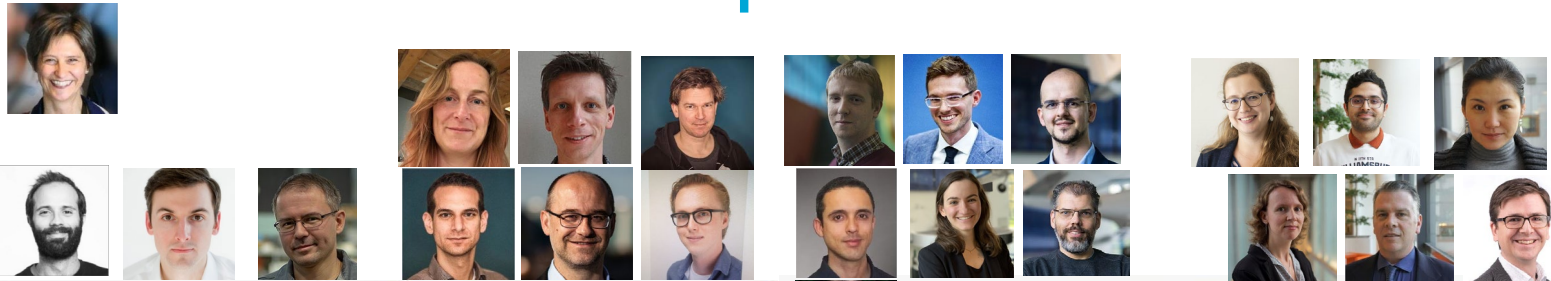**TU**Delft

REACHING OUT TO RESEARCHERS

- Disciplinary differences
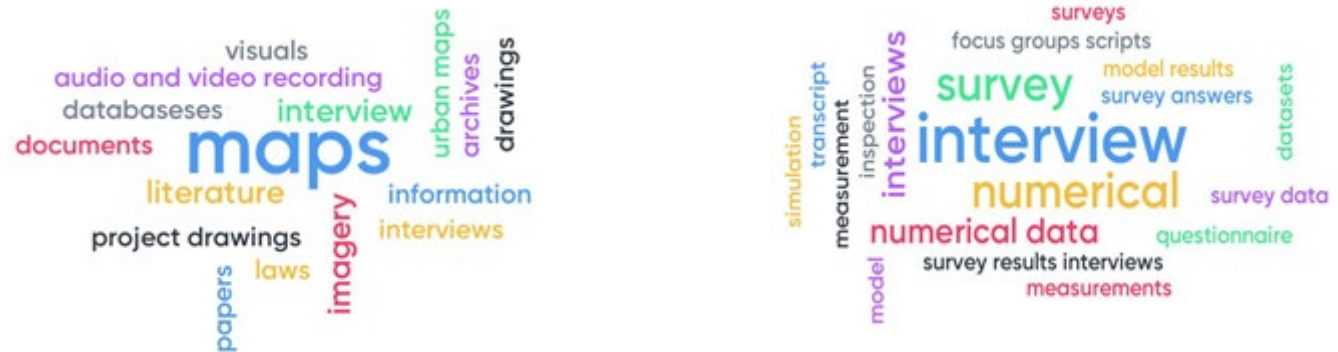
Research data types in two departments at the Faculty of Architecture and the Built Environment.

- Training in data structuring and preservation
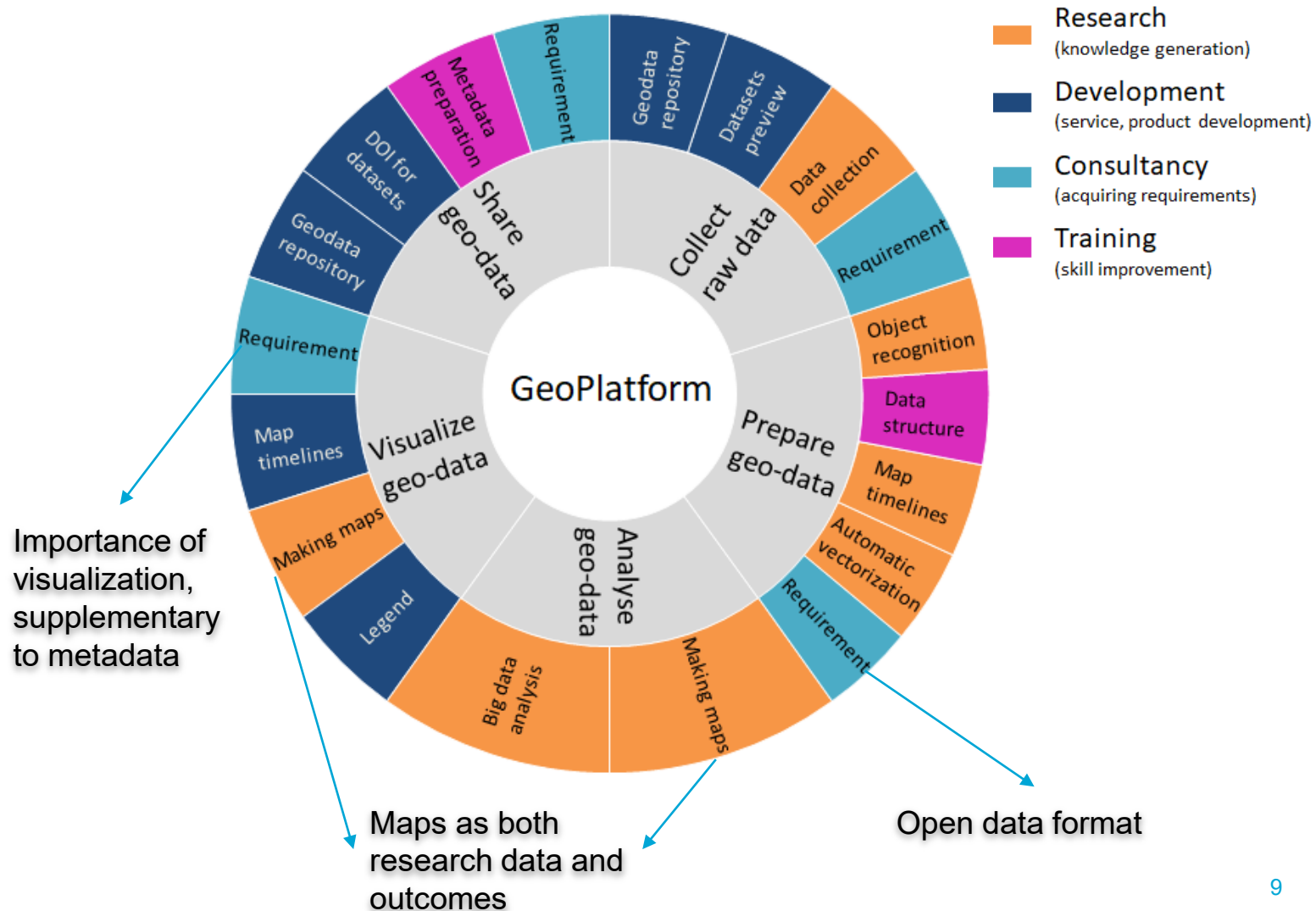
47 Data Champions at TU Delft
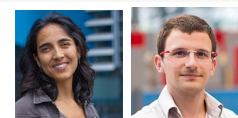
CASE: Webrecorder

- **Goal:** preserving research websites, especially end-of-life
- **Selection criteria:**

    - Affiliated with a member of IDE

    - Hosted outside of the TU Delft network

- Had to **retain structure** & 'crawlable' functionality
- Several candidate sites

    - Design & Emotion Society

    (now defunct but preserved in part)

CASE: Digital Humanities at TU Delft and GIS Platform

Research (knowledge generation)
Development (service, product development)
Consultancy (acquiring requirements)
Training (skill improvement)

Importance of visualization, supplementary to metadata

Maps as both research data and outcomes

Open data format

Questions or more info?

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Project updates:
https://openworking.wordpress.com/data-stewardship/

Zenodo collection of Data Stewards outputs:
https://zenodo.org/communities/datastewards/

Data Stewardship:
www.tudelft.nl/library/datastewardship/

4TU.Centre for Research Data:
http://researchdata.4tu.nl/en/home/

2019 goals:
https://openworking.wordpress.com/2019/02/20/data-stewardship-goals-for-2019/

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