TU Delft Open: From Policy to Practice

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Do we need any introduction?
A brief history of openness at TU Delft
All MOOC Content published with open license
Strategic Framework 2018-2024

Impact for a better society
Open Statements in the TU Delft Strategic Framework 2018-2024

Making Open Educational Resources part of TU Delft’s education policy by:
- Structurally supporting lecturers and students with the use of such means.
- Encouraging lecturers to publish their educational material under an open license.
- Making open education part of the basic teaching qualification programme and the evaluation criteria of courses.
- Replacing commercial textbooks by open resources in all BSc programmes as much as possible.

Developing stronger awareness among our researchers for Open Science, by:
- Stimulating Open Access publishing and the sharing of research data. We provide our researchers with the necessary support, for example by appointing data stewards and data engineers within all faculties who advise researchers in managing their data.
- Dedicating ourselves to reducing costs for Open Access publishing by negotiating journal subscriptions with publishers. We encourage our researchers to serve on relevant Editorial Boards.
- Exploring new ways to present and disseminate knowledge.
- Collaborating with (inter)national leaders in the field of non-traditional metrics (altmetrics).

Promoting and facilitating Open Innovation by:
- Adapting Intellectual property policies to the current funding landscape, and making those policies suitable to programme-based funding schemes.
- Developing best practices for working with open source software, for example in relation to copyright and archiving of source code.
- Creating an open source software community with active ambassadors.

Valuing a variety of career paths for our academic staff through adapting the R&O cycle to:
- Education. We strengthen a culture and create a career structure that gives academic staff the opportunity to excel in education, educational leadership and/or educational research.
- Engagement with Open Science and Open Education. For example, we support (inter)national initiatives aimed at finding alternative indicators that positively value open access publications.

Supporting the implementation of Open Science and Open Education by:
- Facilitating a central place of support for researchers who want to use open source software.
- Implementing a TU Delft policy for research data, and enable researchers to control their own research data in accordance with this policy.
- Creating low-barrier data management systems across the research lifecycle, and involve researchers in contributing to TU Delft’s policy for research data management.
- Setting up an integrity policy that protects scientific data and personal data in line with the EU directives.
From Policy to Practice
Activities

Library
- Open Access publishing
- OpenTextBooks

Teaching & Learning Services
- Teacher training
- Blended learning
- Replace commercial textbooks in the bachelor
- Share OER

ICT
- Create open source software community
### Open Access Publishing

- **Open Access target** 2018 = 60%
- **Negotiations with publishers for open access.**
- **Data Stewards for FAIRdata**

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![Bar chart showing Open Access target for 2014 to 2017](Image CC BY NC SA mstephens7)
Open Textbooks

- Project run by TU Delft Library
- ‘Open Textbook in a Day’ workshop
- Support services: Platform, ISBN, doi, etc
- More info in session: http://sched.co/DpbN
Teacher Training

- Workshop “Using existing resources in your course”
- Starting to include openness as value in University Teacher Qualification (UTQ)
Blended Learning

• Grant funding only if there was a focus on reuse of open content
• Many projects are presented at this conference:
  – Re-use and Re-design of a TU Delft MOOC on project management for the ECATA consortium
  – Using discovery learning to teach introductory programming in an online course
  – Sharing experiences of creating blended courses with third party video materials
  – Integrating on-campus and professional education with the help of MOOCs or other types of virtual classroom
Replacing commercial textbooks

- Awareness
- Culture change
- Support
Open Source Software Community

OSS as output of research
Session: http://sched.co/DpbI

OSS used in education
Digital skills project
The big challenges

- Limit extra time for teachers
- Recognition for their open education activities
- Culture change
You’ve been generous.

THANK YOU.

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Blog on e-learn.nl