

# 4TU Open Up Math

Hans Cuypers

June 28, 2018

**TU** / **e**

Technische Universiteit  
**Eindhoven**  
University of Technology

- ▶ 4TU.AMI teachers share their educational resources
- ▶ 4TU.AMI teachers reuse resources
- ▶ 4TU.AMI teachers develop new resources together

Provide a proof of concept for

- ▶ Applying open components in the process of sharing and reusing educational resources (to contents, management of contents, sharing, etc., specified in the individual work packages)
- ▶ Development of an active community around the exchange of educational resources
- ▶ Strengthening the outreach to other universities, preparing conditions for a broader uptake of sharing and reusing educational resources in Dutch Higher Education (the Open Coalition) and potentially beyond.

## Results of a survey among 4TU.AMI teachers (response 95)

- ▶ A community exists
- ▶ Benefits
  - Learning from experiences
  - Learning about new developments
  - Co-creation of resources
  - Improving quality
  - Easily find resources
- ▶ What would you like
  - Meetings
  - In depth sessions
  - Online platform
- ▶ Sharing and reusing content
  - Sharing: Yes
  - Reusing: Yes, but from nearby colleagues

- ▶ Organize meetings
- ▶ Create awareness
- ▶ Set up environment to share and work together

To share and (re)use educational resources, we need

- ▶ to find resources
- ▶ to contribute resources
- ▶ to be able to work with resources; edit and adapt them
- ▶ to use the resources in our own environment (e.g. LMS of our institute) use resources for external groups
- ▶ to communicate with each other

The environment consists of

- ▶ LMS (Moodle)
- ▶ Repository (Equella)
- ▶ Plugins and SCORM packages (e.g. H5P, MathDox)
- ▶ External sources (e.g. YouTube)
- ▶ Plugin for other LMS via LTI (e.g. Canvas)

