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TUHH Open Research
Building an All-in-one Service with Dspace-CRIS

Open Access Repository
& Research Data Repository
& Research Information System

Hamburg Open Science: 2018-2020
Support for digitization in Hamburg's scientific community

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Participating institutions

Hamburg Open Science Approaches

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Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

Hamburg University

- Thesis Repository: DSpace-CRIS
- RDM System: Invenio/Zenodo
- CRIS: PURE

✓ Three Systems

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HAW HAMBURG

Hamburg University of Technology
Hamburg University of Applied Science

- OA Repository: DSpace-CRIS
- RDM System: DSpace-CRIS
- CRIS: DSpace-CRIS

✓ One System

Timeline TUHH

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- 2015 - Dspace-CRIS as Open Access Repositorium
- 2017 - Concept „research data repository“ and idea „one in all system“
- From 2018 untill today
  - Research data repository
  - ORCID integration with publication push
  - Personal data from IDM
  - Publications without fulltext
  - Publication import from Scopus, Crossref
  - Typo3 plugin für publications / odata
  - Open Air compatibility
  - Projects and institutes with right management (editors)
- 2020
  - Research report TUHH 2019
  - Report functionality
  - Dspace-CRIS 5.x > Dspace-CRIS 7.x

Reserach Information in Dspace-CRIS

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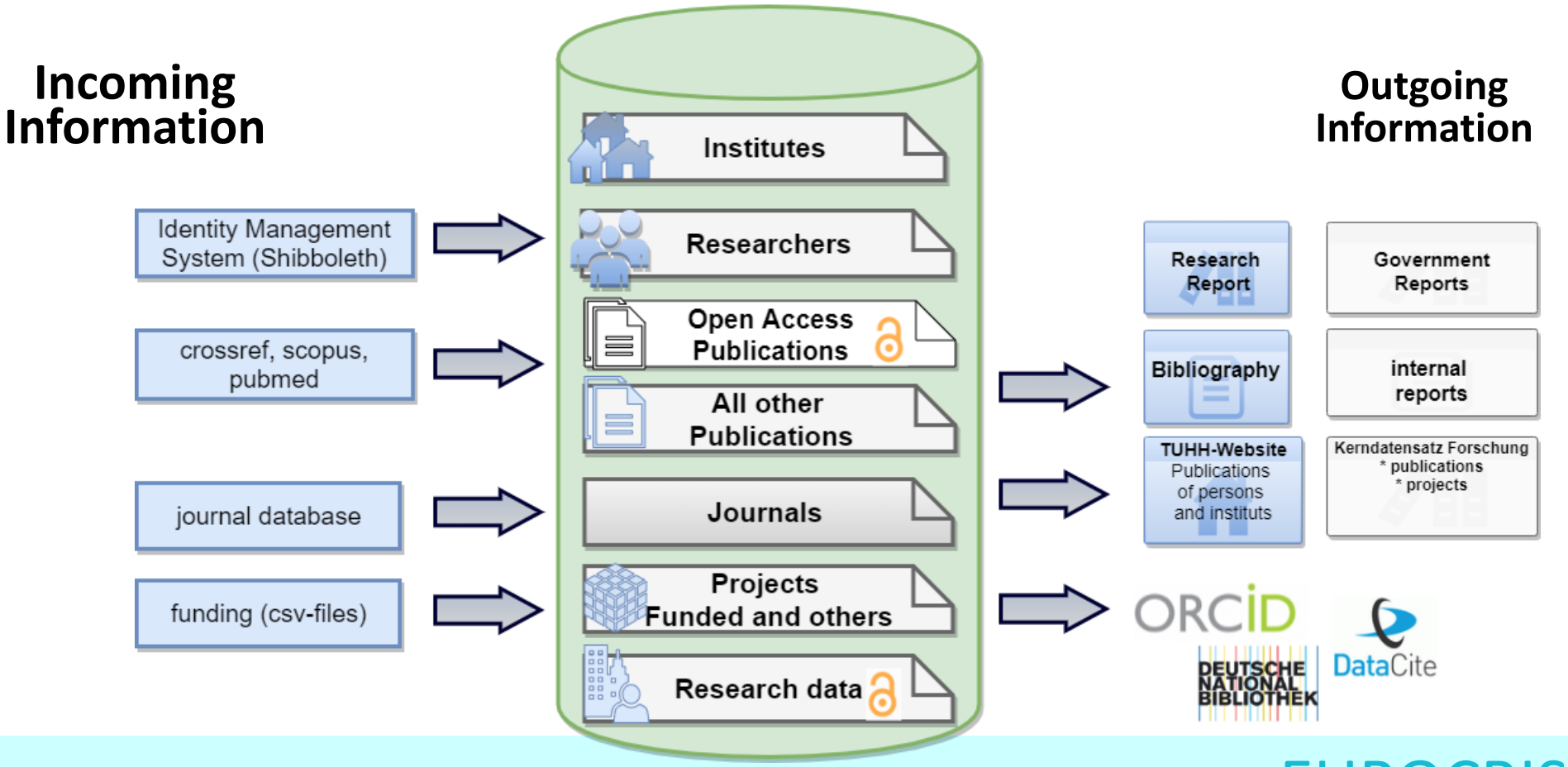
open research



Conflicts

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Having a single system containing three components is good, but...

- a universal approach to handle all of the entity types is required (for example not possible to create projects on demand in the OA collection, but not in the CRIS-context)
- a universal login approach is required (do we need external logins?)
- CRIS is University centric,
  while OA and RDM are content centric

	OA/RDM Repository	**CRIS**
Researcher	Focus on all authors	Focus on local researchers
Orgunits	All institutes / corporates	University‘s institutes
Projects	All projects from publications	University‘s projects
Fundings	All fundings	Only project fundings
Login	Any author	Only University staff
Archiving Corrections Versions	Permanent content	Might be temporary Last version

Workflow and data quality

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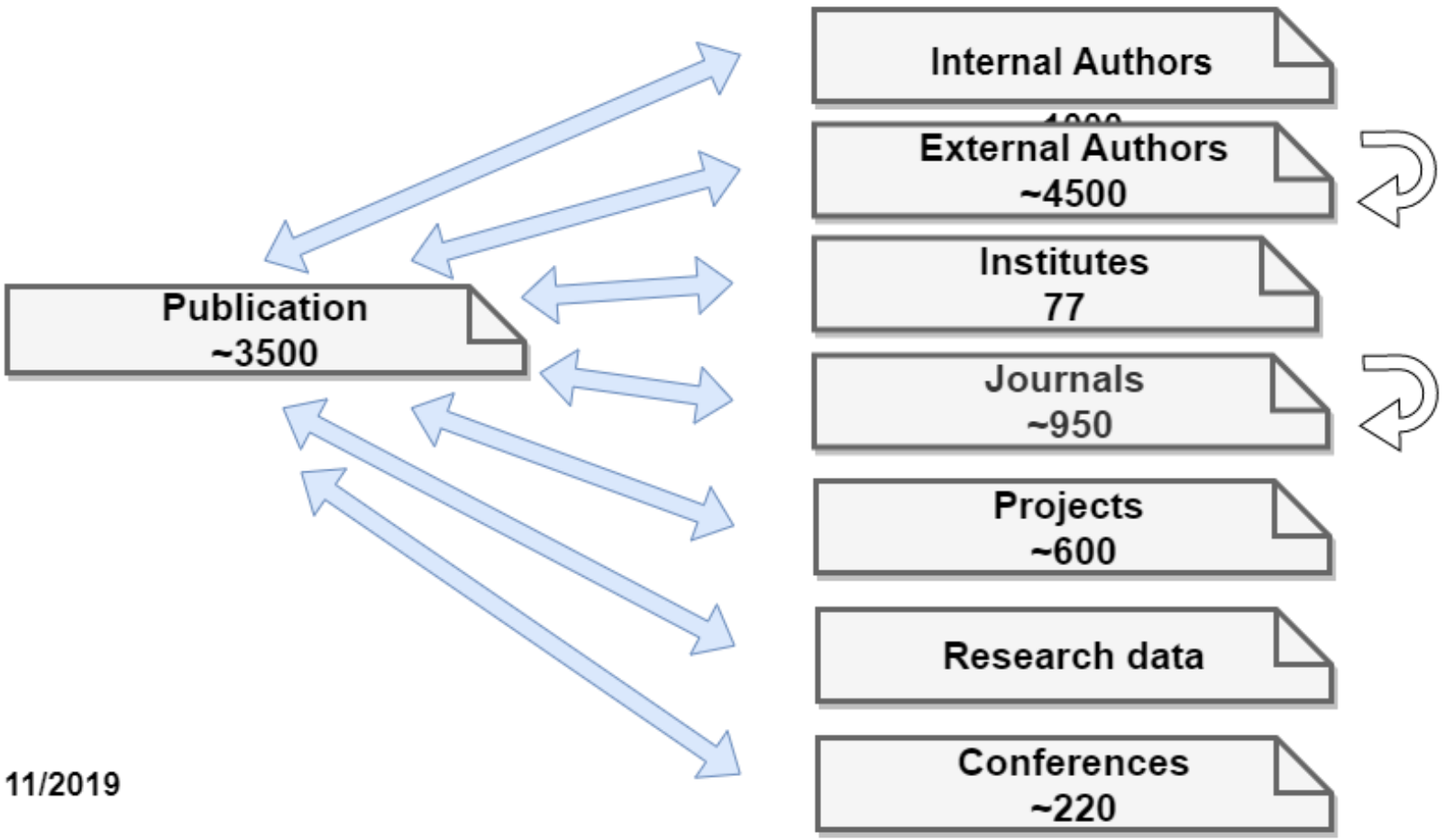
- **Publications and Research data**
  - Submitted by researchers or library
  - Approved by library
- **Journals**
  - Lookup in internal or external database by library
- **Institutes** (organization units)
  - head of institute and editor
  - description, link to website, list of collaborators
- **Projects**
  - Type i) project data from the financial department
  - Type ii) free defined research projects
  - Edit or created by Principle Investigator
  - No workflow
- **TUHH-Researchers**
  - Synchronized with IDM, enriched by library (name variants, identifiers)

Entities on publications



Data Quality

- Relations need to be checked by library
- Deduplication is an ongoing process

Publicationlists on webpages of instituts and researchers

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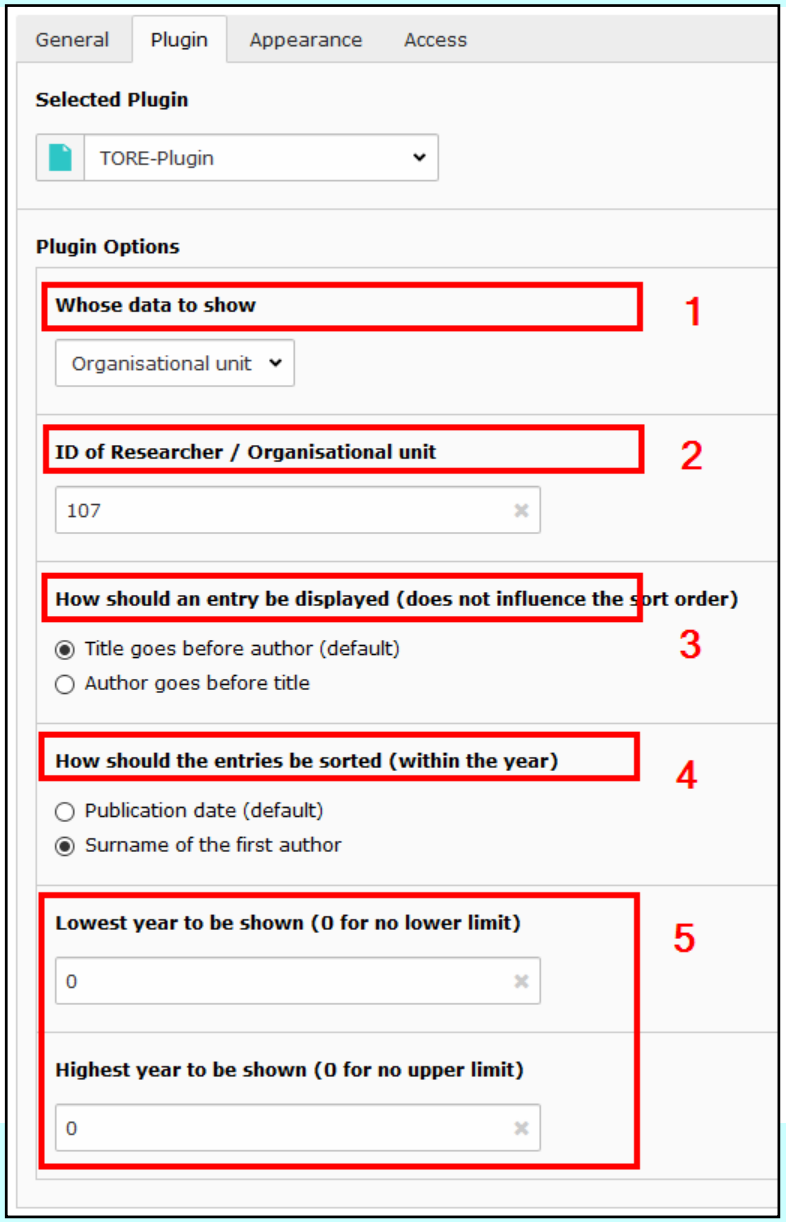

Feedback on publications

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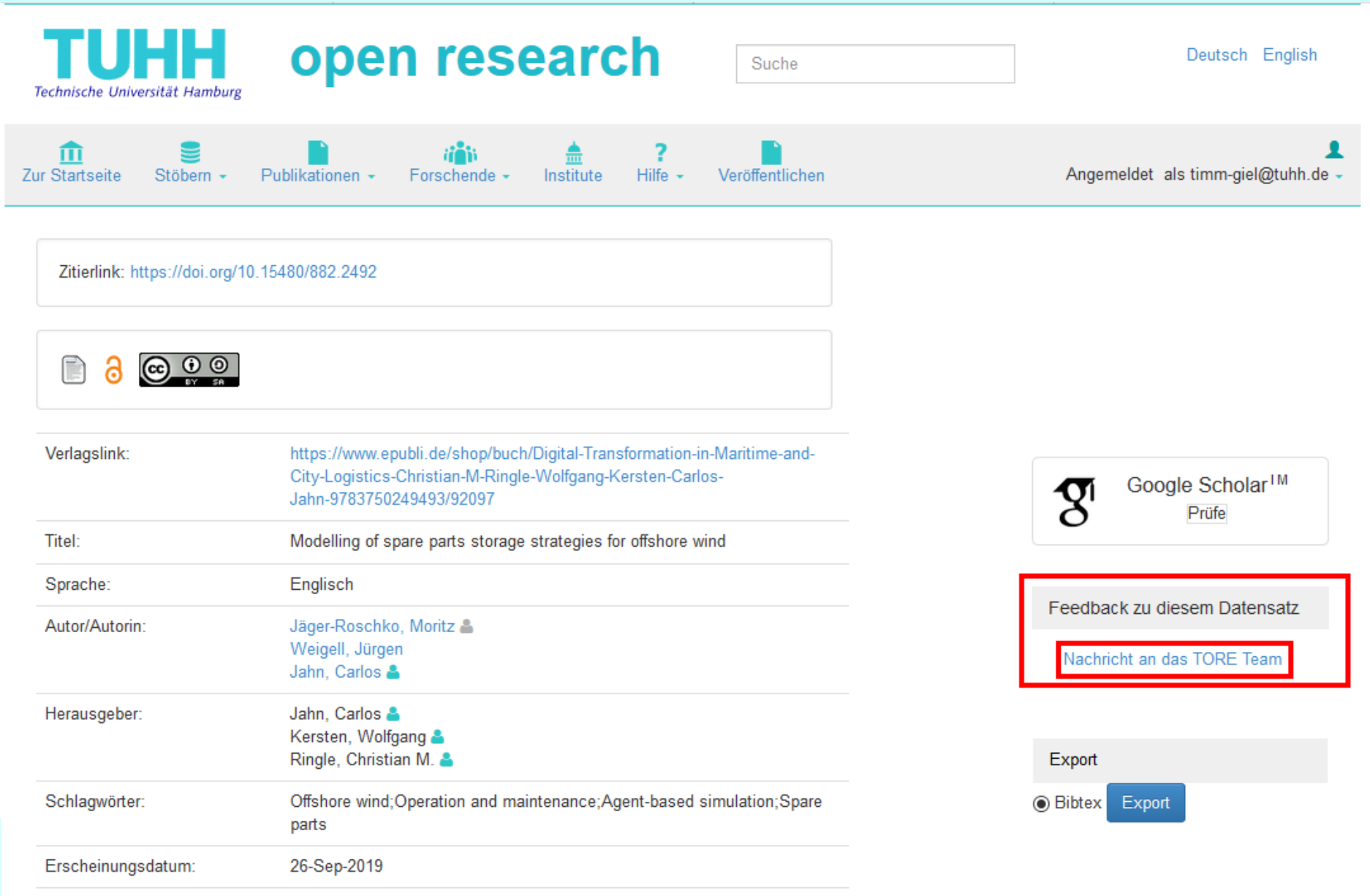
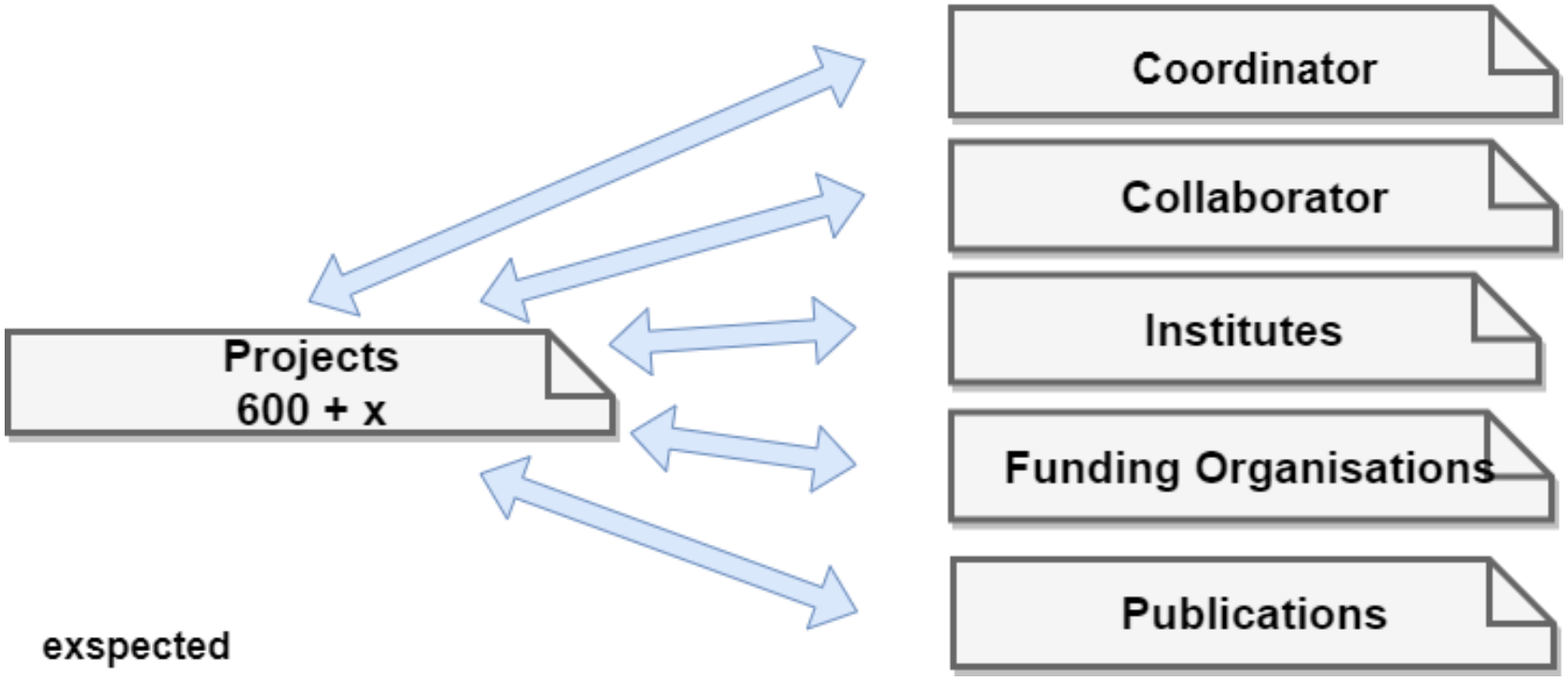


Entities on projects



Data Quality

- No approvement by library

Challenges?

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- Find responsible editors in institutes
- Import unlisted publications
- Mass import of older publications
- Fine-tuning of entity settings
- Going public with projects and project-publication relations
- Reports

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open research

https://tore.tuhh.de

We are happy to discuss your questions

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