



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

Open Day of Technology Platforms


Your contribution to funding needs and sustainability of technology platforms

31.01.2024 [Martina Bachmann](#)



Technology platforms – Goals and benefits

- Scientific goals
 - Cross-disciplinary research environment
 - Access to high-end technology
 - Develop new and innovative methods
- Increases Sustainability
 - Systematization of acquisition of large-scale equipment
 - Increasing efficiency in maintenance, repair and operation
 - Anchoring know-how (on methods and devices)
- Increasing the attractiveness of the location
 - State-of-the-art technologies and equipment are available
 - Establishment of cutting-edge technology



„How you can help us
to achieve these
goals!“

Status quo – Technology platforms in numbers

■ User

- 150 user groups

■ Measurement hours

- 45,000 h/a

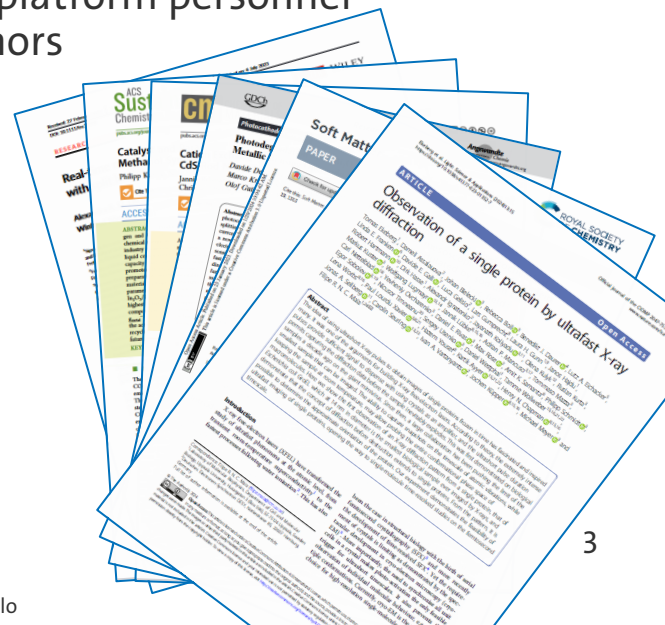
■ Investments

- ca. 90 devices
- 80 mio. EUR
- It's getting more



Output

- > 100 Publications in 2023, acknowledging the platforms or including platform personnel as co-authors



What do we need to meet our goals and to enable the benefits?

- Knowledge of your technological needs and planned research-oriented investments
 - allows for systematic structuring, expansion and evaluation
- Systematic inclusion of common used new devices into technology platforms
 - allows for excellent support, maintenance and sustainable operation
- Cross-institutional joint planning of major investments
 - enables large investments and sustainable operation
- Sustainable financing of operational costs
- Create visibility

What do we need to meet our goals and to enable benefits? – Hands on!

- Financing
 - Basic financing
 - **Financing of project-specific costs**
- Visibility
 - Developing tools for visibility of the platform - internally and externally
 - **Communication of the contribution of the technology platforms to your project**

Financing – Cost and where you can (should) support us

Material Resources

Project specific resources

Operating resources

Maintenance

Devices

Repair

Investments

Technology
platforms

Personal resources

Operation

Organisation

Project specific operation

Research and teaching

Overhead

Administration

IT Infrastructure

Building costs

Financing and refinancing via third party applications

DFG

- Include user fees for technology platforms in all applications using the technologies
- Collaborative project applications
 - Personnel resources for the platforms can and should be applied if the project will use technology as a basic method
 - Think about Z-Projects (SFB, Ex. Cluster,...), scientific method development requires scientific PIs and project personnel
 - Name the platform services as in kind achievement

EU Projects

- Full costs can be applied for (incl. device costs)

Financing and refinancing via third party applications

- Ask the platform coordinators for figures and values
- Dept. 4 may support you on how to include costs in collaborative project applications
- Please keep in mind:
 - The platform coordinators need information about collaborative project including a lot of measuring time or large sample quantities in order to integrate them into measurement operations

User fees

- User fees will become necessary in the medium term to return the funds raised to the platforms
 - Internal user fees (exceptions possible)
 - External user fees (if not covered by partner contributions)

Create visibility – Publications

Just follow the rules of good scientific practice and mention the contribution of the technology platforms in your publications

- Acknowledgements
 - **Always!**
 - A standard text will be provided on the website of the platforms.
- If there was a relevant scientific contribution to your paper, add the platform scientists as co-authors
- Let us know about success stories



Create visibility - Publications

Research Information System (FIS)
/ Forschungsinformationssystem of the UHH

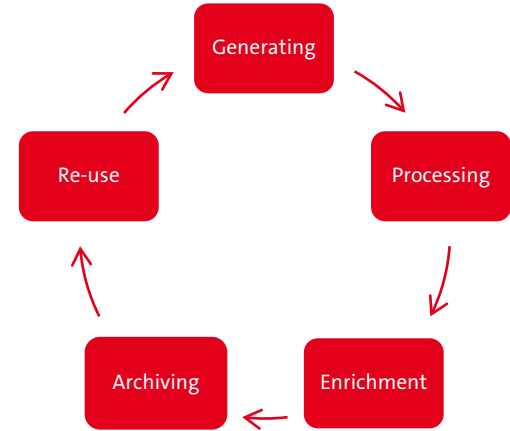
- Add your publication to the FIS
 - Link publications to persons, projects, technology platform and instrument
 - Linked publications are automatically shown on instrument website
- Example: <https://www.fis.uni-hamburg.de/weitere/geraete/detail.html?id=338a0f9f-ffe3-4c0c-8934-11308db7f449>

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 - Linked publications are automatically shown on the technology platform website (planned for Q2/2024)
- If there is no chance to do it by yourself, just send the publication to the platform coordinator

Create visibility – Publications of datasets

- Publish data(sets) (along with publications, end of the project)
 - FAIR = Findable, Accessible, Interoperable, Reusable
 - as open as possible and citable
 - e.g. Research Data Repository (UHH-RDR)
www.fdr.uni-hamburg.de
 - Please include the platform used in the meta data.



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Handbook, Tutorial

- Sustainable Research Data Management (en)
[//doi.org/10.25592/uhhfdm.9199](https://doi.org/10.25592/uhhfdm.9199)
- Manual for the UHH Research Data Repository (de/en)
<https://doi.org/10.25592/uhhfdm.1857>
- DFG Check List for Research Data
<https://www.fdm.uni-hamburg.de/en/fdm/fdr-nachrichten/fdm-dfg-checklist.html>

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