

NFDI4Chem Consortium Meeting 4.5

10 April 2024 - online

Meeting of the Steering Committee with the Advisory Boards

Cultural Change and Community Engagement:

- It's a long race to run, best practices and training people is important.
- Expand the 'Train the trainer' concept, also for data curation librarians.
- Editors4Chem has been helpful; get together publishers more often and make clear what you expect/ want from the publishers. Policies can help with the dissemination.
- Suggestion to the DFG: can they provide more information on the DMP section in the proposals, e.g. best practice examples?
- Especially young people are important in academic outreach.
- Many international networking activities are already underway (IUPAC, RDA, PSDI, ...).

Industry Involvement:

- The biggest issue is sustainability (min. 20 years); long-term usage has to be guaranteed, e.g. for Repositories or Chemotion ELN.
- Industry involvement would be beneficial for standards, ontologies and data formats
- Most large and medium companies already have Electronic Lab Notebooks and Data Management Plans, smaller companies that do not have such system yet might be more interested in open solutions as provided by NFDI.
- Forums to get in touch with industry:
Pistoia Alliance, CEFIC (EU), VCI (D), IndustrieForum Analytik of the GDCh (D)
- Bridging the gap between academia and industry, for example in standardisation, or industry-funded projects with ELN usage as a condition

Sustainability Challenges:

- Clarify what is to be sustained: support, open source/data, organisation, careers?
 - Archiving/ Sustainability of repositories is very important; consider that archived data is not necessarily interactive or AI-ready
 - Services also have to be sustained
 - Sustaining repositories and services need a different solutions/ approaches
- Determine what is nice-to-have and what is essential; then figure out how the essential ones can be sustained
- Sustainability is costly. Get an overview of what sustainability costs for the single services, how much it is used and whether it should be continued or not.