

## Material Sciences and Engineering Domain

by Marek Cebecauer

### EOSC Symposium 2022 - Prague November 15, 2022

Department of Biophysical Chemistry J. Heyrovsky Institute of Physical Chemistry of the Czech Academy of Sciences



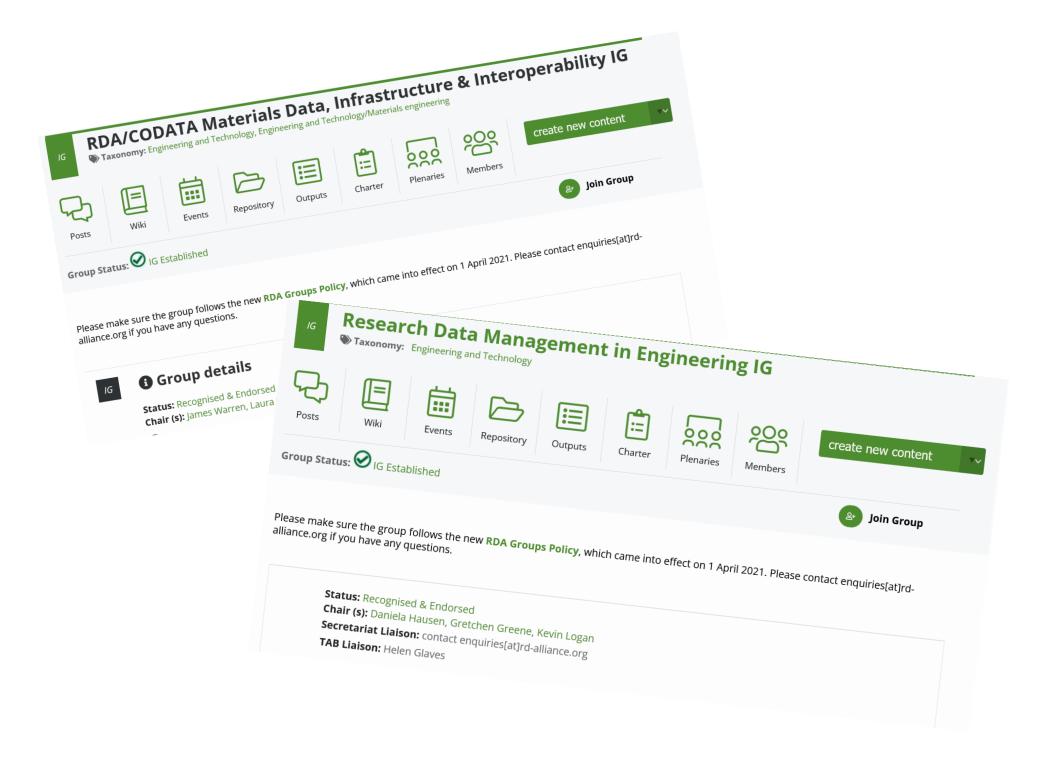


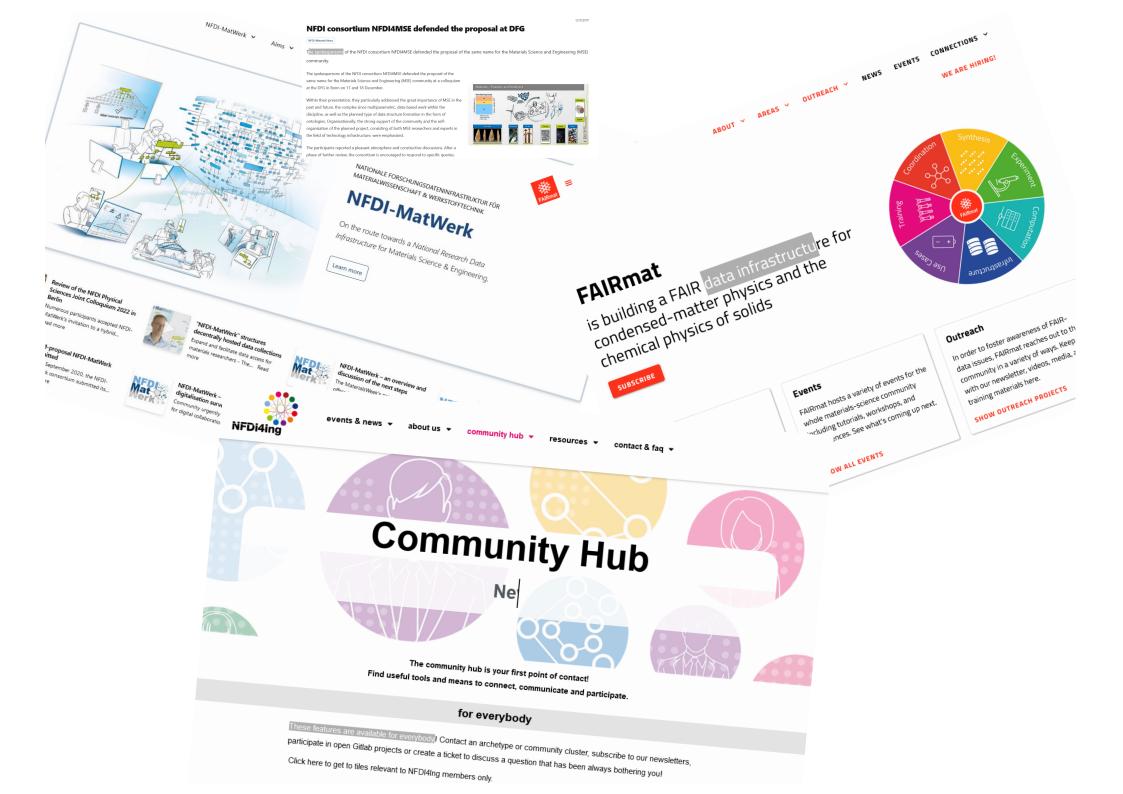


# Material Sciences and Engineering (MSE) Domain

- Highly diverse domain
- Includes experimentalists and computer scientists
- <u>General statement</u>: MSE domain lags behind in the engagement in EOSC and RDM practices







### ... and new are coming.





National Research Data Infrastructure for the Interdisciplinary Energy System Research

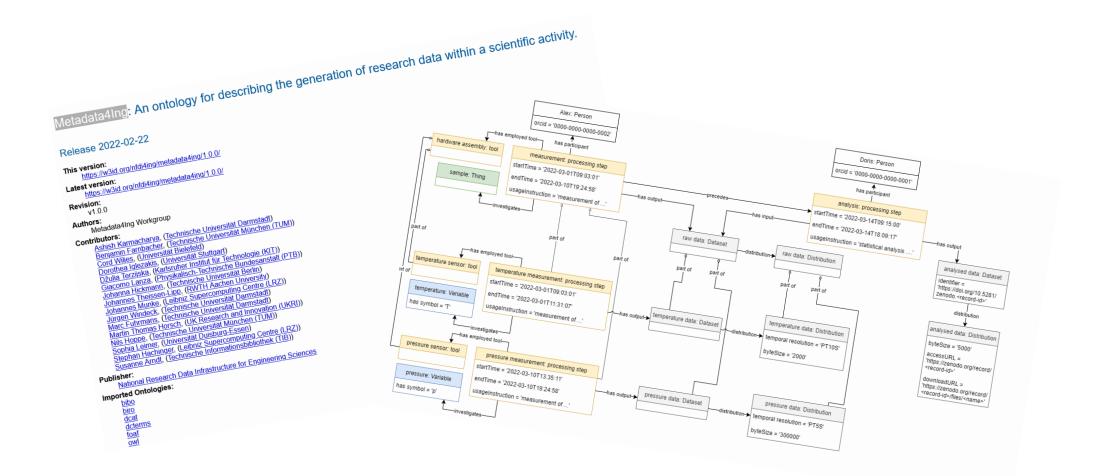
Learn more

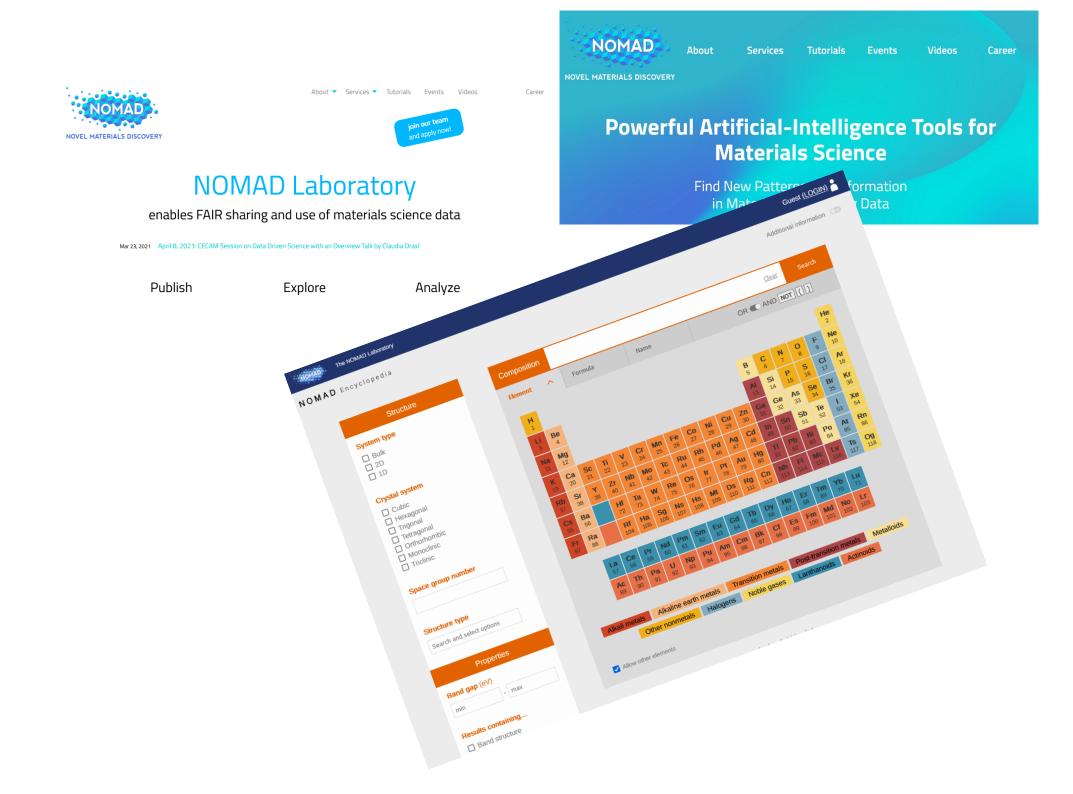


#### News

### 04.11.2022 nfdi4energy will be funded!

We are happy that the GWK decided to fund nfdi4energy. Our consortia will support energy system research by improving the handling of research data and research software. We officially start on 01.03.2022!







## DataMaterialised.eu



- A comprehensive website for RDM in the MSE domain
- Created under the umbrella of RDA/EOSC Future Domain Ambassador #2 program
- In coordination with other international activities dealing with RDM tools for the MSE domain
- Expected pilot functionality: 1Q/2023

## Czech WG Material Sciences and Technology

- 27 members, 14 universities and research institutes, 4 RIs
- Engagement of new institutions and individuals in Open Science and EOSC
- Sharing of experience
- Adaptation of existing Electronic laboratory notebooks (ELN) for the MSE community
- Long-term aim: To automatise generation of a majority of metadata





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# Thank you for your attention!

