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Materials Sciences and Engineering Domain in EOOSC

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Registrační číslo projektu NRP

CZ.02.01.01/00/23_014/0008787



Materials Sciences and Engineering (MSE) Domain in EOOSC Current State

- Wide variety of use cases – from large infrastructures to small groups, AND from laboratory experiments and computer simulations to industrial R&D and product implementation in the real world
- Direct link to other disciplines: chemistry, physics, bio/health/food ... (but also environmental and social sciences)
- Fragmented activities across European countries - Germany (NFDI ... several consortia), France, UK, Czech Republic ...
- Even more at the global level ...
- Uneven engagement of researchers in Open Science and EOOSC



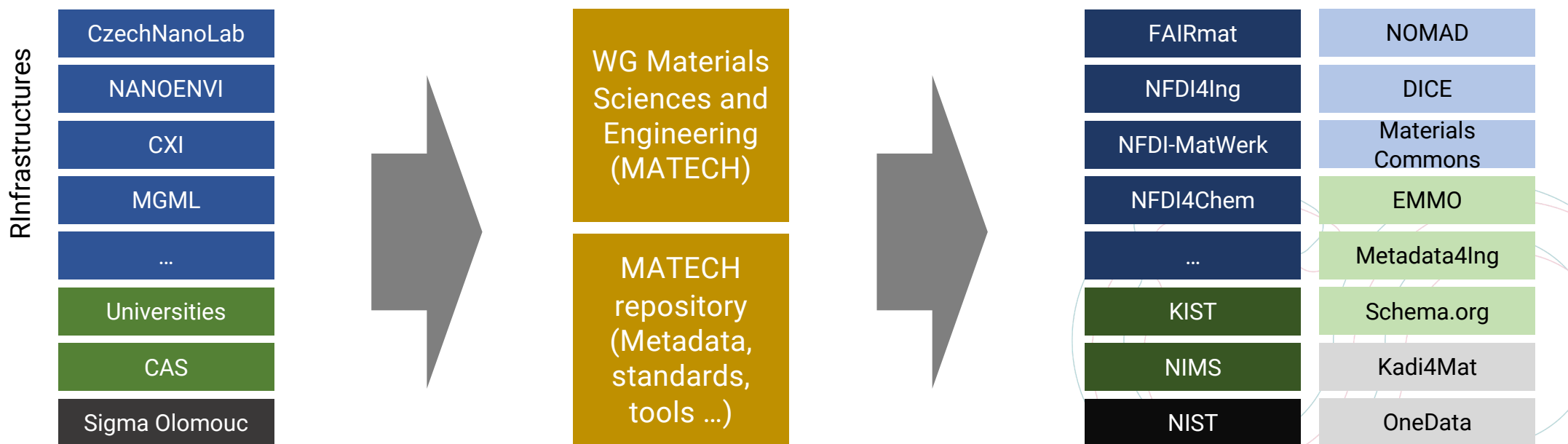
Materials Sciences and Engineering (MSE) Domain in EOOSC

To do/Future

- Harmonisation of semantic assets
- Definition of standards (e.g., FAIR Implementation Profiles)
- Get equipment manufacturers on board
- Link repositories and other data sources
- ...
- **Umbrella/master repository needed for MSE? – Thematic EOOSC Node?**



Materials Sciences and Engineering Domain (MSE) in Czech EOOSC



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Thank you for your attention.

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