Presentasjoner til inspirasjon

Sigma2: Om pågående utredning og videre utvikling

Sigma2 services for active data storage (NIRD)

- Status of NIRD2020 project: new storage infrastructure procured (press-release soon)

  - Largest national storage capacity

  - Multiple protocols/APIs to access/share/discover/utilize data

  - Possibility to spin-off services and analyse data (close to the data)

Sigma2 Research Data Archive

- Status of the Sigma2 Research Data Archive:

  - Data volume of archive significantly increased in the second half of 2021

  - Open to everyone

  - Some deficiencies related to f.ex. support for customized metadata, user friendliness being addressed

  - No data archiving service for sensitive available nationally

  --> Addressed by Archive2021 project

Sigma2 Archive2021 project

- Archive2021 project started in Oct 2021

  - Members from BOTT and other institutions and selected according to required competences in the project

  - Currently in the concept phase

  - Concepts around archiving of sensitive data also included

Sigma2 easyDMP

- Developed in collaboration with EUDAT and OpenAIRE

- Status: have possibility to adapt templates to institutional / domain specific guidelines

- Future development: enhance the interoperability layer – Collaboration with EOSC and RDA

- Next generation easyDMP: Project planned to start in the second half of 2022

- Sigma2 welcomes any national dialogue regarding DMP tools (requirements and interoperability)

  - Collaboration with ELIXIR Norway to demonstrate the interoperability between DMP created with easyDMP and Data Stewardship Wizard

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Sigma2 domains

- Sigma2 **HPC** and **NIRD project data storage** is for large volume of data or special needs. Sigma2 **Research Data Archive** and **easyDMP** is for **everyone**

  - New frontiers: project across several institutions (regardless the size); infrastructure-as-a-service (f.ex. ELIXIR NeLS portal)

  - Any change in the scoping of Sigma2 services and service's user domain is decided by the Sigma2 board

  - Important to offer services that can be platforms for data sharing and collaboration with SMEs and industry