



**INSTITUTIONAL  
DMP  
COLLABORATIONS**

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The UB BOTT project report

# POINT OF DEPARTURE

- The universities in Bergen, Oslo, Trondheim and Tromsø («BOTT») experience many of the same issues concerning data management plans for researchers - could benefit from collaboration
- DMP Project initiated by the university libraries started spring 2022

## Project group

Ane Møller Gabrielsen, NTNU
Live Håndlykken Kvale, UiO
Jenny Ostrop, UiB
Aili Sarre, UiT

Ingrid Heggland, NTNU
Lene Elisabeth Bertheussen, NTNU
Ellen M. S. Flatby, NTNU
Agata Bochynska, UiO
Philipp Konzett, UiT
Leif Longva, UiT

# AIM

NOT looking to develop new DMP tools, but to assess existing tools, local implementations and support services in order to

1. Make recommendations that would enable the institutions to offer and/or recommend DMP tools that
  - Provides relevant and discipline specific guidance
  - Includes relevant information for both institutions and funders
  - Are perceived as relevant and useful by researchers
2. Suggest models for DMP collaboration between the universities

# EMPHASIS: RESEARCHER PERSPECTIVE

- Data management plans are potentially great tools for data management in research projects
  - However: Literature (and experience) suggests that data management plans are often perceived as unnecessary bureaucratic hassle that are not used actively as tools by researchers (Hudson-Vitale & Moulaison-Sandy, 2019).
  - Why?
  - Lack of experience, lack of clear guidelines from funders and institutions ...
  - ... but also issues with the available tools and how they are used by the institutions
- What tools are recommended? Different tools for different projects? Different templates for different disciplines?  
What kind of guidance is provided? What do the institution want with the data management plan? What courses exist?

# SOME OF THE CRITERIA FOR A PERFECT DMP TOOL (ACCORDING TO THE PROJECT GROUP) ...

- offers a selection of different templates as well as the possibility to create and adjust templates and/or guidance (institution, field etc.)
- allows for different roles (admin, support, researcher etc.)
- allows users to collaborate on plans
- offers versioning and log/history
- has a user-friendly interface and logical structure that supports FAIR data management
- can generate machine actionable DMPS
- fulfills the Science Europe core requirements (2021)
- allows for APIs and integrations (FEIDE, FAIRsharing, archives, OpenAire etc.)
- has an active user community

## TOOLS

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- EasyDMP (Sigma 2)
- NSD DMP (NSD/Sikt)
- Argos (OpenAire)
- DMPOnline (DCC)
- Data Stewardship Wizard (ELIXIR)

## USE CASES

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- Data Stewardship Wizard (ELIXIR Norway)
- DMP Tuuli

# WHAT WE DID

- Tested each tool from user and admin-perspective (where possible)
- Ranked the tools based on our criteria – DMP Online and Data Steward Wizard at the top
- Interviewed representatives from Elixir Norway and DMP Tuuli

# RECOMMENDATIONS FOR THE BOTT UNIVERSITIES

- Align existing institutional guidelines with the assessments from the project
- Establish a national network for developing national guidelines, templates and/or guidance texts for DMPs (preferably through RDA Norway).
- Pilot a BOTT-subscription in DMP Online with template(s) and guidance
- Assess the need for national instances of DMPOnline and/or Data Stewardship Wizard
- In addition: The project group would recommend national service providers to look towards established services with active user communities rather than developing own national tools for DMPs
- Finally: The project group agrees with the recommendation from the Research Council of Norway regarding using tools that can generate machine actionable DMPs



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# UB-BOTT-samarbeid om datahåndteringsplaner: kartlegging og anbefalinger

 Gabrielsen, Ane;  Kvale, Live;  Ostrop, Jenny;  Sarre, Aili

## Project member(s)

 Heggland, Ingrid;  Bertheussen, Lene;  Flatby, Helene;  Bochynska, Agata;  Conzett, Philipp;  Longva, Leif

Basert på de siste års utvikling av digitale verktøy for datahåndteringsplaner og antatt sammenfallende behov hos BOTT-universitetene, ble det startet opp et samarbeidsprosjekt i UB-BOTT våren 2022. Formålet med prosjektet har vært å kartlegge eksisterende verktøy for DHP, inkludert eksempler på drift og tilhørende støttetjenester, samt beskrive behov og ønsker ved de deltagende institusjonene og skissere mulige modeller for eventuelt samarbeid om DHP.

Prosjektet har ikke hatt til hensikt å vurdere utvikling av nye verktøy for datahåndteringsplan, men tatt utgangspunkt i eksisterende verktøy og sett på mulighetene for samarbeid om anbefalinger, veiledning og eventuell drift av egne instanser/implementasjoner.