DM Forum aktivitet type 2 – beskrivelse

Definition type 2 aktivitet:

Aktiviteter, som er behandlet i DM Forum og godkendt af formanden for DM Forum, og koordineret af det medlem af DM Forum, som formanden har udnævnt til leder for en given aktivitet. Aktivitetsleder er ansvarlig ift. formanden, hvad angår aktivitetens overholdelse af formål, leverancer, tidsrammer og ressourceallokeringer.

Dato	19-9-2016	**Version nr.**	1

Navn for aktiviteten	**eLabBook**
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Aktiviteten kort beskrevet	IT-systems for research data management, documentation and collaboration are often referred to as electronic lab books (eLabBooks) in order to emphasize their original aim of replacing the traditional lab books used in most laboratories to document data collection, processing and analysis. Many such systems are used nationally and internationally. We believe that eLabBook systems have the potential to support a more diverse range of scientific workflows than the laboratory-based workflows in which they are typically deployed. The aim of this project is to extend the application of eLabBook systems in general to e.g. facilitate sharing of data and access to computations, and in particular, to use the experiences from existing deployments of eLabBook systems to examine how to deploy and integrate such systems into a wider range of scientific workflows.
Formål	The outcome of the project will be: A set of guidelines and best-practices for the deployment of eLabBook systems in a range of scientific workflows represented by the participating groups, and implementations of e-infrastructure at the participating groups for maintaining an eLabBook system that will act as "proof-of-concepts" illustrating the guidelines and showing how to support different workflows in different research areas.
Behov aktiviteten adresserer	This project will investigate the deployment of IT systems for supporting and documenting the collection, processing and analysis of research data in a range of diverse scientific areas, i.e. IT systems for supporting step 2-4 in the data life cycle model. Research groups that want to establish an eLabBook system as part of their workflow will benefit from the experiences collected and documented during this project.
Nytte	Establishing an eLabBook solution is essential in relation to formulation of data management plans and fulfilment of the Danish Code of Conduct for Research Integrity.

Sammenhæng med visionen for 2018 (Common Ground)	This project contributes to realize the vision by (1) by assisting the individual researcher to plan and perform data management, and (2) by contributing to a working and locally maintained data management infrastructure.

Leverancer/output	The outcome of this project will be: (1) A set of **guidelines** and **best-practices** for the deployment of eLabBook systems in a range of scientific workflows represented by the participating groups. (2) Implementations of **e-infrastructure** at the participating groups for maintaining an eLabBook system.
Succeskriterier	The documented outcome/experience of concrete deployments of eLabBook systems in areas and research groups that have not used such systems before.
Evt. lignende initiativer der kan bygges ovenpå og/eller overlapper	The "Data Management i Praksis" project/activity.
Evt. udfordringer	Establishing an eLabBook system in a large research group requires tight collaboration with local IT services that might interfere with the desired time line.

Forventet arbejdsomfang (timer)	The project spans 3621,25 hours in total. (1161,25 hours for each participating institution AU, KU and DTU, and 137,5 hours to AU for overall project administration).
Aktivitetens start og slut tidspunkt	1/9/2016 - 1/3-2018.
Afrapportering og formidling	WWW page with guidelines and best-practices based on the deployment of eLabBook systems at the participating research groups, and a workshop (in the Spring 2018) presenting these results.