

Afrapportering for

eLabBook

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Afrapportering nr.	3
Oprindelig planlagt startdato for aktivitet (angivet i aktivitetsbeskrivelse)	01/09/2016
Oprindelig planlagt slutdato for aktivitet (angivet i aktivitetsbeskrivelse)	01/03/2018
Godkendt totalt tidsbudget for aktivitet (angivet i aktivitetsbeskrivelse)	3621 timer
Afrapporteringsdato	10/05/2017
Faktisk/forventet startdato for aktivitet	29/06/2017
Forventet slutdato for aktivitet	01/03/2018
Faktisk tidsforbrug fra faktisk/forventet startdato til afrapporteringsdato	1355 timer
Budgetteret tidsforbrug i samme tidsrum (hvis periodiseret - ellers blank)	1355 timer
<i>Faktisk tidsforbrug i % af det godkendte totale tidsbudget</i>	37,4%
<i>Budgetteret tidsforbrug i % af det godkendte totale tidsbudget</i>	37,4%

Milestones (=leverancer/output) i overskriftsform (angivet i aktivitetsbeskrivelse)

Etablering af eLabBook/ELN systemer	Opfyldt
Beskrivelse af guidelines og best-practices	Status
Afholdelse af workshop	Status
	Status

Kort orientering om fremdrift siden sidste afrapportering

We have held our 2nd project group meeting on 1/3/2017 at DTU, with participation from AU, KU, and DTU. At the meeting, the establishment of ELNs at the participating groups were confirmed, and progress and initial experiences were discussed. Plans for dissemination were also discussed, and it was decided that each group would provide a draft describing their preliminary experiences and best-practices using ELNs at the next project group meeting, which is planned to be in September at KU. The descriptions should be suitable for publication on a www-page, which will be discussed at the next project group meeting. It was also decided to present our experiences and best-practices using ELNs at a final workshop, which will be organized in conjunction with a project group meeting at AU planned for late February 2018. The project group meeting on 1/3/2017, was followed by the 2nd ELN workshop organized at DTU, where preliminary experiences using ELNs at selected DTU and AU groups were shared among the participants.

At AU, we have established an organization for offering access to a Confluence based ELN (labbook.au.dk) for all researchers and students at the Faculty of Science and Technology (ST). We have developed documentation and support facilities that have been tested in pilot studies at selected departments, and made available for all via labbook.au.dk. We have planned the deployment of a tablet-based version of labbook.au.dk for use in labs, where ordinary personal equipment is not allowed, e.g. 'GMO Labs'.

At KU, a pilot testing of LabGuru has been initiated in two research groups consisting of 20 persons in total (researchers and students). The pilot testing started with a one-day training- and planning-meeting for all participants on 9/11/2016 followed by half-day evaluation meeting on 9/12/2016. An additional evaluation meeting, which will also include discussion on the use of tablets, was held on 25/1/2017. 10 tablets were acquired in February 2017 and testing of the use of LabGuru on tablets in the lab is currently being conducted.

At DTU, the polymer group at DTU Chemical Engineering has extended the trial of the Biovia ELN until June 2017, and additional users from other research groups were added in order to broaden the selection of the types of projects that could benefit from using an ELN system. The DTU Oil & Gas group is working on the implementation of the ELN LabGuru, which was the selected ELN after the trials. Since February, the group is working on preparing the inventories of samples and equipment in the ELN and planning the training for the new users. DTU- RDM has assisted them preparing the document "Procedures for documentation of research data using the electronic lab notebook LabGuru" in order to establish the minimum requirements for documentation of lab experiments, to establish naming conventions and define the user rights. The DTU Nutech working group has tested the Biovia ELN system in March, which didn't adjust completely to their needs. The group will evaluate other 1-2 alternatives during the period May- August: ELOG and the Confluence based system (same as the AU partner).

Kort om planen for arbejdet indtil næste afrapportering

We will continue testing and implementing ELNs at the participating institutions, focusing on collecting experiences and best-practices for presentation at the next project group meeting. This will also include new application scenarios in the participating research groups, e.g. examining the deployment of ELNs on tablets in 'GMO Labs' to integrate ELNs tighter into the research workflow.

Eventuelle udfordringer eller andet