Afrapportering på data management pilot projekt

Afrapporteringsdato	15. januar 2018	Afrapportering #	3

Projektnavn	ScienceCloud4Cities		
Projekt start	1/8 2016	Projekt slut	1/4 2018 (afrapportering fra DTU slut april 2018)

Realiserede resultater/leverancer ultimo 2017

Deliverables are on track, e.g.:
- The contracting between partners went initially well, but getting the signature of DTU was delayed. The project coordination has been moved from DTU Civil Engineering to DTU Management Engineering – but the DTU institutes involved still consists of DTU Management Engineering, DTU Civil Engineering and DTU Compute.
- Hardware is now integrated into the national university network, Forskningsnettet with access through login (WAYF).
- The data that which has been included into the infrastructure has been applied in various research and study project by students of Århus University and DTU.
- The infrastructure is used at Smart Cities Accelerator (EU project) and proposed for various upcoming research projects, among others the REBUS (EUDP project), The infrastructure is also suggested in a number of research project proposals.
- The infrastructure closely integrate data with data.deic.dk, has an own version of CKAN, an open data infrastructure used by cities like Copenhagen, Århus, Ålborg, Odense etc. Delivery to Zenodo is established but real case application is planned for winter/spring 2018, together with a data publication demo.
- SDU has hired relevant specialist for supporting the project (Bertil).
- AU has Elyzabeth.
- AAU is involved via the DyCips center.
- The Science Cloud has been described in a number of publications and the cloud has also been used for data analytics in a number of papers. I have attached a paper which specifically describes the Science Cloud and data management platform.

Forventede resultater/leverancer medio 2018

- The project is planned to finish by end of March – although we would like to ask for a 3 months extension – if possible.
- The primary goal is to have more data sets available and it is our goal to illustrate how a dataset can be published and referred to via a paper.
- Furthermore we will look more into the new Data Protection Law and what consequences it may have on our work on smart city data and in particular the personally related data.

Konstaterede eller forventede afvigelser i forhold til de planlagte leverancer

Her ønskes ingen lange forklaringer.

- The integration with data Deic is not accelerated yet.
- We did not yet work with securing compliance by application of EUs INSPIRE data specification, which is by no means an easy task. But the benefit would be significant – so it is still considered.

- There has been a host of challenges with the accounting department due to the fact that the grant comes without overhead. This is solved now.
- The General Data Protection Regulation (GDPR) (adopted by EC and EP after all deadline) enters into law by 25th of May 2018, and this means a lot of extra work and unanswered questions, because e.g.:
- The GDPR widens the definition of personal data, i.e. handling of data that as of now is unaffected by data protection rules, must by May '18 comply with the new rules (retroactive effect).
- The GDPR requires that data controllers make privacy impact assessments (PIAs)
- All organisations working with/providing personal data must comply with rules such as data minimisation, anonymisation and encryption.

Forbrugt bevilling

Bruges hele bevillingen?

- The project ahs been moved internally at DTU to DTU Management Engineering. This has meant some changing of the internal DTU budget and the final budget split between the DTU departments not yet finalised. It has no influence on the overall project budget. We have been allowed from Deic and InnovationsFonden to include relevant time from the CITIES as self-financing. This is now included in our budget.