Ministry of Higher Education and Science

Danish Agency for Institutions and Educational Grants

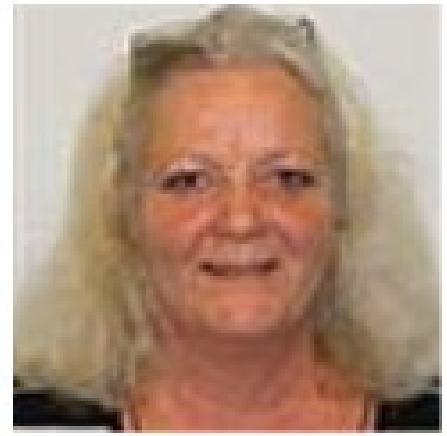
Broadcast from Denmark 2020

Susie Stougaard & Inge Nellemann

Who are here to day

- Susie Stougaard
  - keeping STADS going
  - STADS our student information system for the universities

- Inge Nellemann
  - getting **esas** ready
  - **esas** our new student system for university colleges, profession academies and maritime educational institutions



Who are not here

- Rolf Amfelt
  - keeping it-operation on track

- Flemming Bøge
  - our head of division

  They were meant to participate, but got busy with Corona actions and planning the move of the office from one location to a new location

Old location: Bredgade, next to the Queens palace

New location: Haraldsgade

Todays headlines

1. Corona (covid-19) and how we are handling it
2. Semi agile development with project esas
3. Questions

Corona – how are we doing at the office

The Ministry of higher education and science has two agencies and around 600 employees

All staff with office work has been working from home since March 13th

Our office contains 5 groups

Each group have daily Skype meetings

All meeting are online-meetings

Corona – how does Denmark handle it?

Closed from March 13th:

- all kind of schools and universities
- personal care, shops except food stores
- boarders, museums, max 10 people together

Opens after 1 month:

- elementary schools until 5th grade
- a few health graduating classes
- hairdressers, max 10 people together

Corona – how does Denmark handle it?

Opens after 2 months (this week):

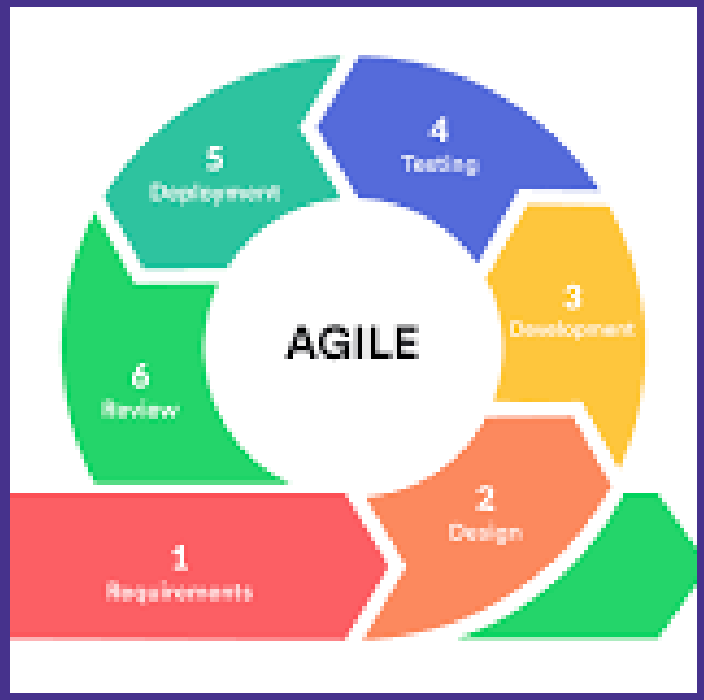
- all elementary schools
- Some schools of higher education mostly to do with health and graduating
- shopping mall, max 10 people together

Opens after 3 month (June):

- (yes?) boarders, max 30 people together
- (no?) universities, our workplace

Going semi agile with esas

1. Recap project esas
2. The contract
3. Some benefit of semi agile it development
4. Some disadvantages of semi agile development



Recap project esas

Today SIS (study system) is serving:

- The university colleges
- The business academies
- The maritime educational institutions

STADS (study system) is serving:

- The universities
- The artistic institutions

Source: Avapal Solutions

Recap project esas

esas is replacing SIS

esas went tender in 2017 and is now being developed by the vendor Netcompany on the basis of Microsoft Dynamics 365 (CRM system)

We have been developing more than two years on basis of an semi agile contract

The plan for going live on esas:
Autumn 2020: 3 pilot institutions
The year 2021: 18 educational institutions

The (semi agile) contract

Agile:

difficult between a public and a private corporation

All you can measure is time and QA

Another reason for semi agile:

No release because SIS is not modular

esas has to be delivered almost as a big bang

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netcompany

The (semi agile) contract

- Best effort
- Requirements can be changed
- Strong teamwork between the ministry and the vendor
- Bonus by over performing (must have requirements + nice to have)
- Collocation
- Divided into phases

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Imagine esas

We were new to the agile concept and

our imagination was strong and optimistic

How we thought we planed it

Peace by peace – more and more clear

Classic agile

How it probably is (going to be)

Agile peace by peace – broken down into areas

All are working hard to get to release 3

Some of Mona Lisa is missing – wait to release 4

Some benefit of going semi agile

The requirements change and can be adjusted

Very close teamwork with the vendor and co-understanding

We are moving forward according to milestones and plan for sprints

Some disadvantages of going semi agile

Very fragmented (area by area)

Few iteration in one area – then locked – before seeing the whole picture

The project “controls” us – somehow we are caught by the contract and economic

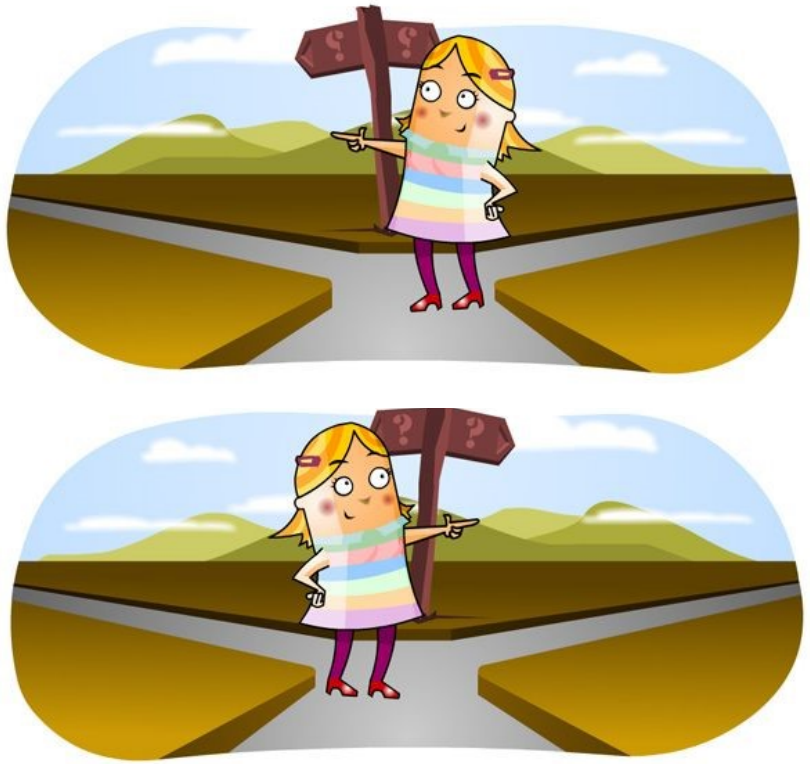
The best of many worlds?

Should we have chosen an other way?

I think: we have come further with this semi-agile approach than we could have expected with a more traditional approach ☺

I think: it is a very hard and not always rewarding process ☹

I think: maybe this is IT development in a nutshell



Source: Mike Hughes

That’s all from Denmark

Have a happy summer