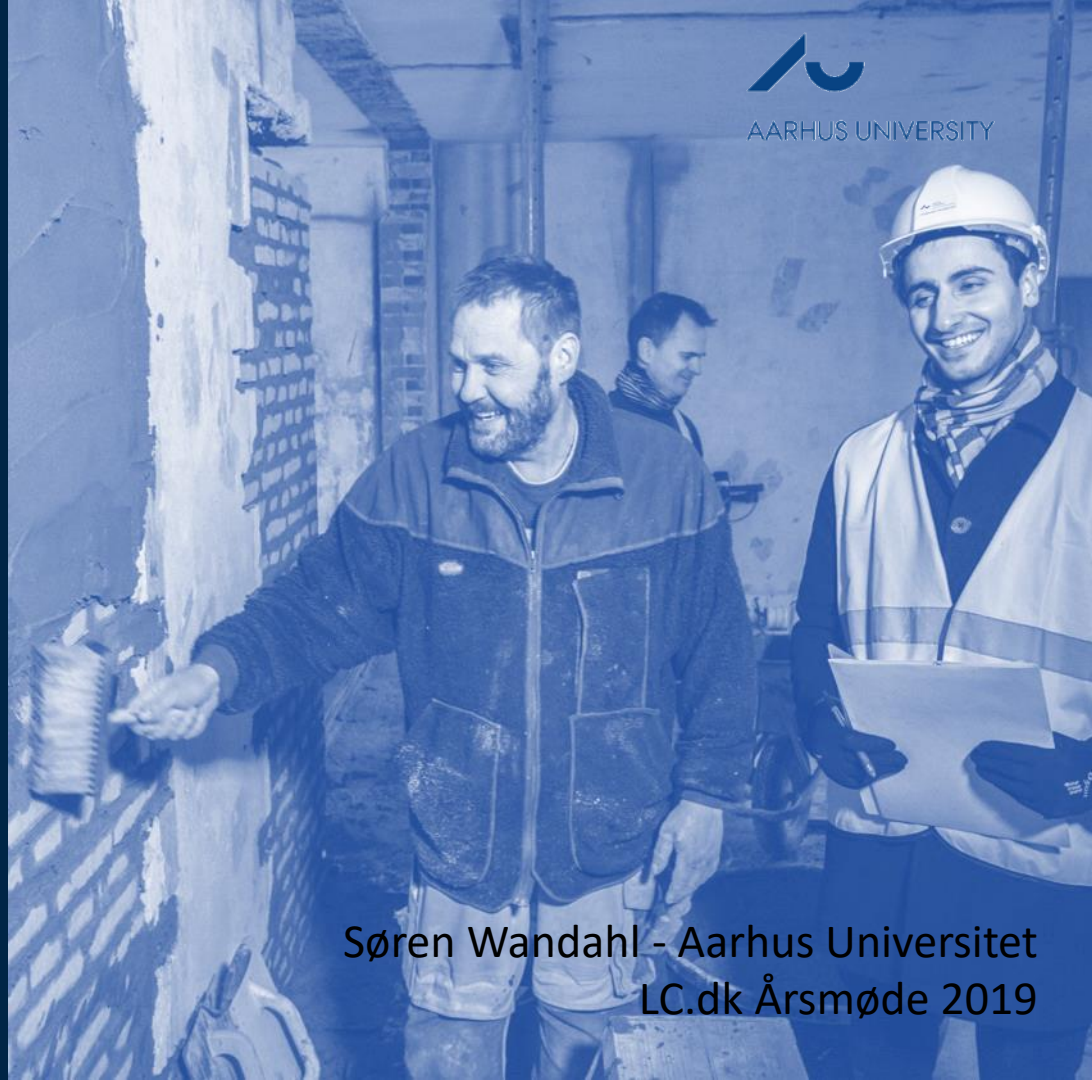


# Hvordan bliver vi mere effektive i byggeriet, med udgangspunkt i produktivetsmålinger

#spildtid

**R**eVALUE



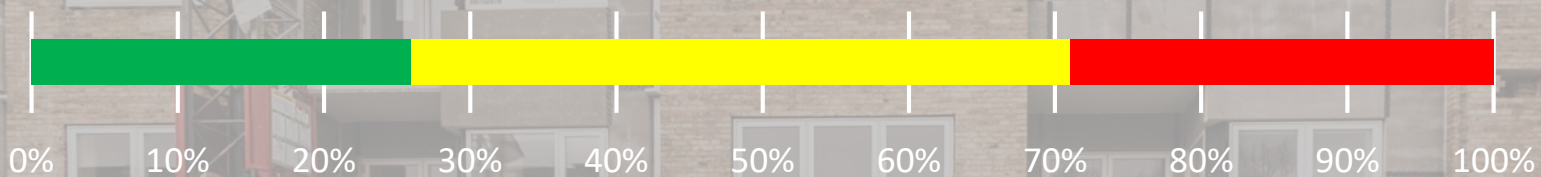
Søren Wandahl - Aarhus Universitet  
LC.dk Årsmøde 2019

A photograph of a stone archway leading to a bright outdoor scene. The archway is set in a dark, textured stone wall. The light from the outside is very bright, creating a strong contrast with the dark interior. A large, bold black question mark is superimposed over the text.

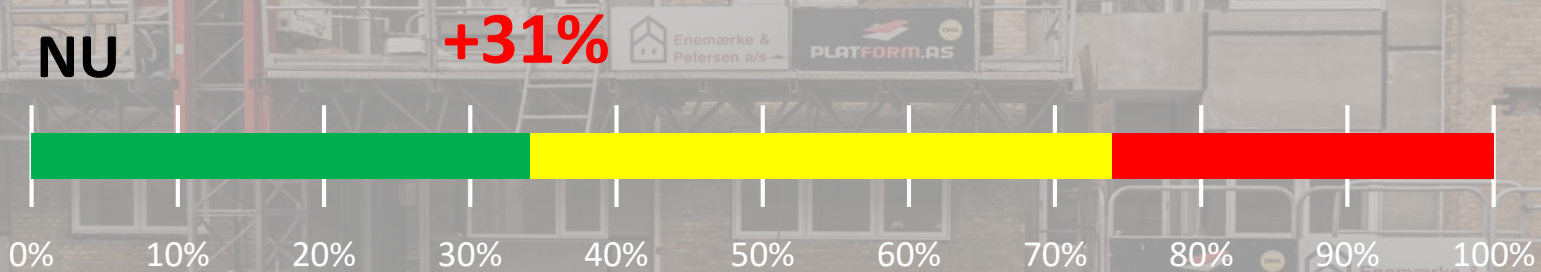
Virker  
de! ?



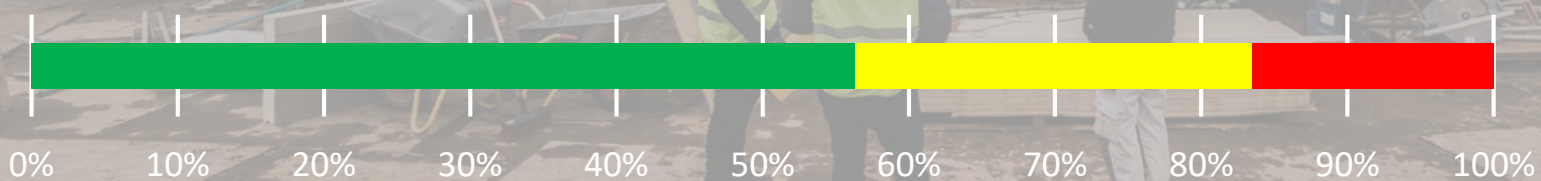
# FØR



# NU



# Potentialet



An iceberg floating in the ocean. The tip of the iceberg is visible above the water surface, while the much larger, jagged base is submerged below. The sky is blue with scattered white clouds. The water is a deep blue, and the submerged part of the iceberg is illuminated from above, showing its complex, crystalline structure.

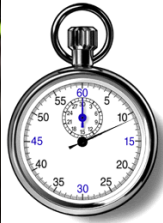
# D ata

*”Danmark har et produktivetsproblem”  
... ”Før vi kan gøre noget ved det, er vi nødt til at  
vide, hvor det ligger gemt – eller hvor vi skal lede.”*

*(Produktivetskommissionen, 2013)*

# MÅLINGER

data



- Produktion
- Samtale
- Forberedelse
- Borte
- Vente
- Gå
- Transport



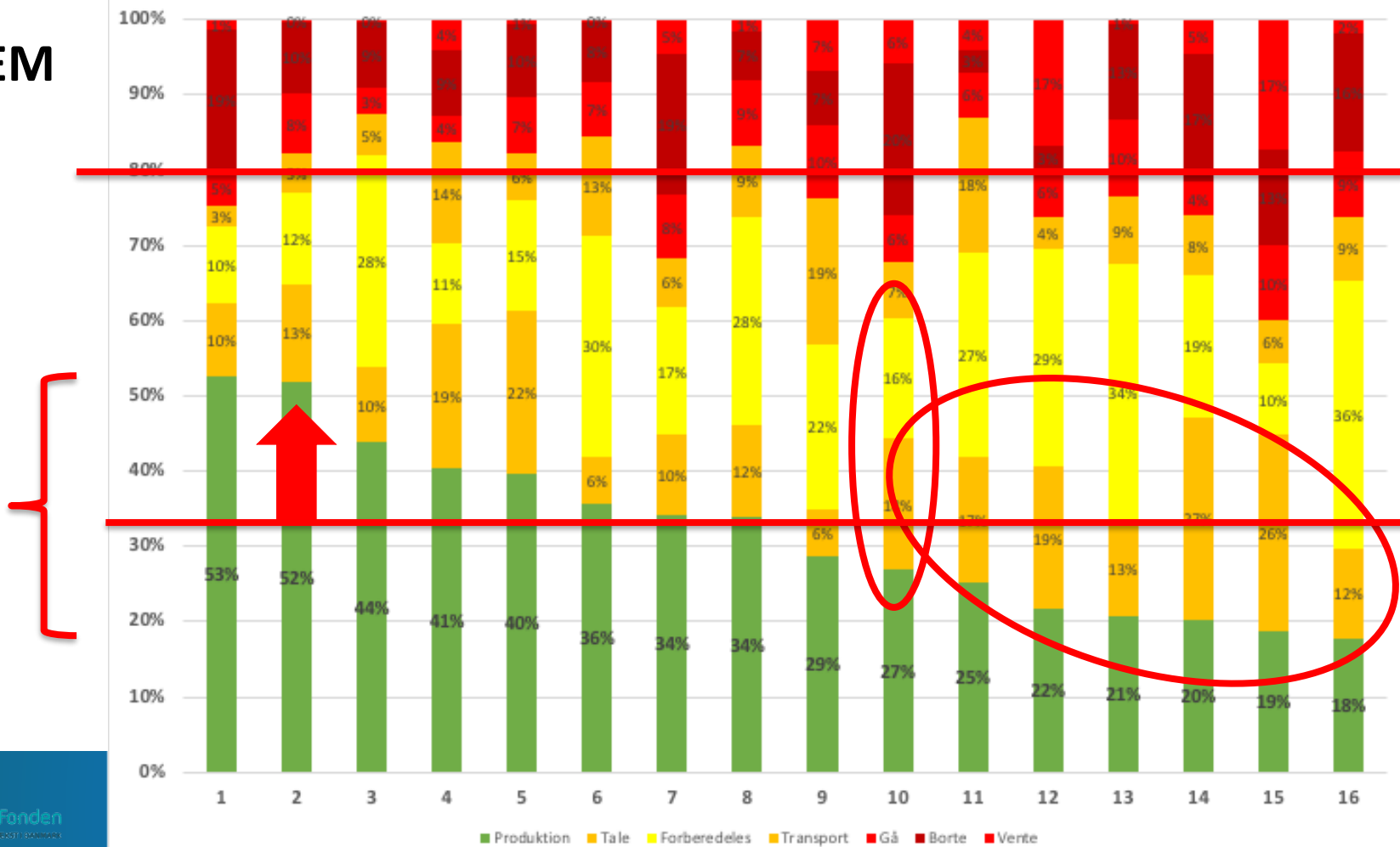
AARHUS  
UNIVERSITET

INSTITUT FOR INGENIØRVIDENSKAB

Construction Management

# FAG IMELLEM

Forskellige fag



# De 7 strømme forstyrrer flowet

- Mandskab 90%
- Materialer 85%
- Udstyr 95%
- Information 80%
- Plads 93%
- Forudgående færdig 70%
- Ydre forhold 96%

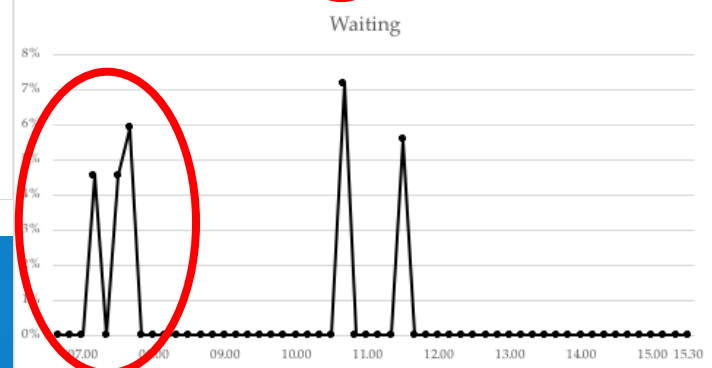
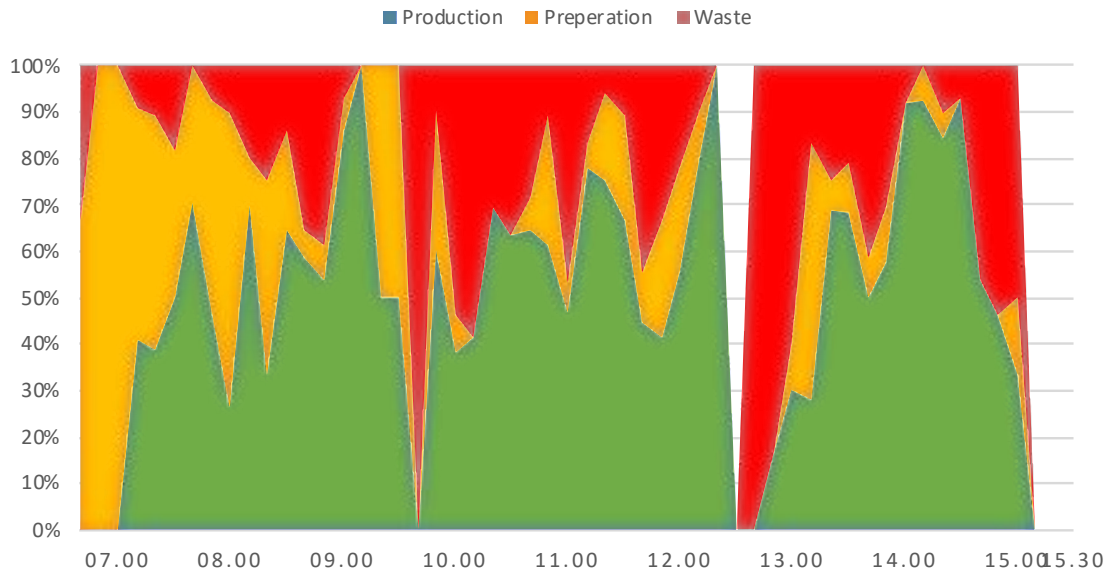
36%





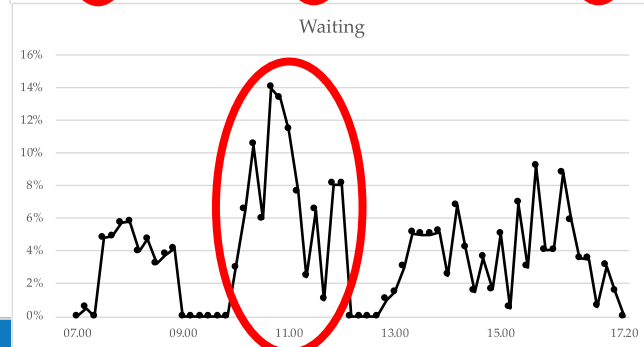
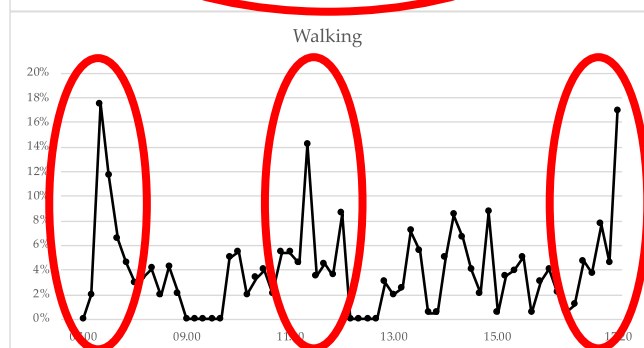
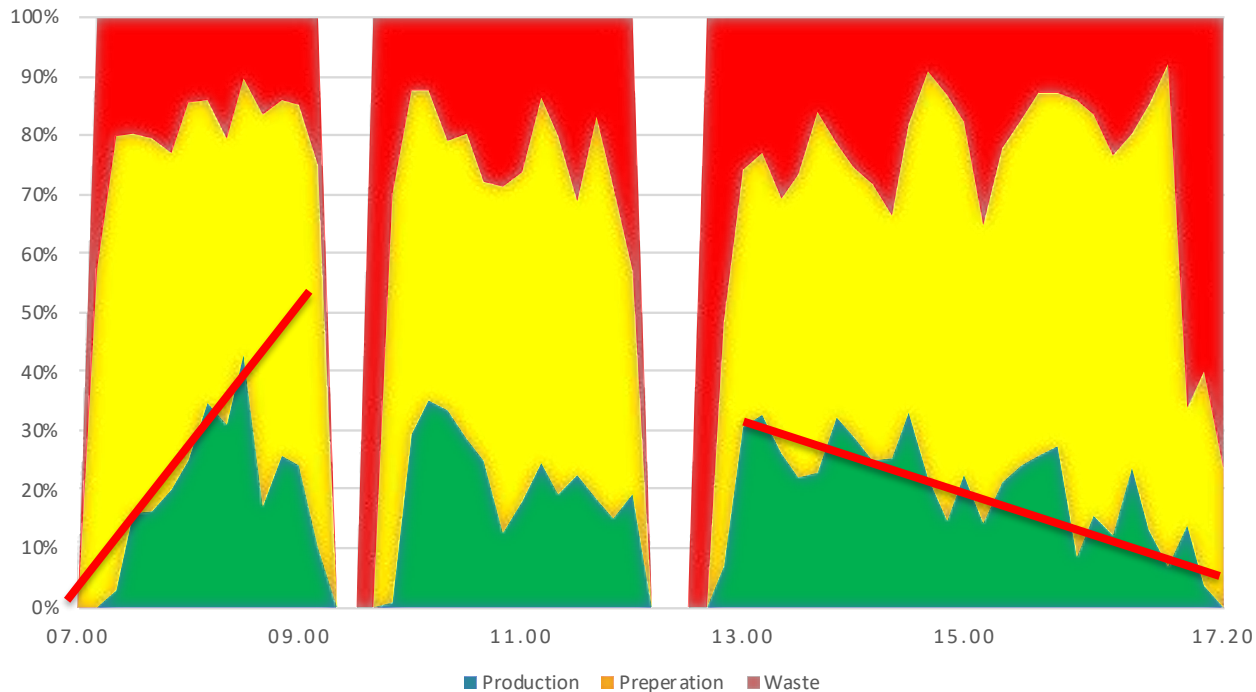
# EN RIGTIG GOD PLADS..... (VVS)

## DAGSGRAF 3 HOVEDKATEGORIER

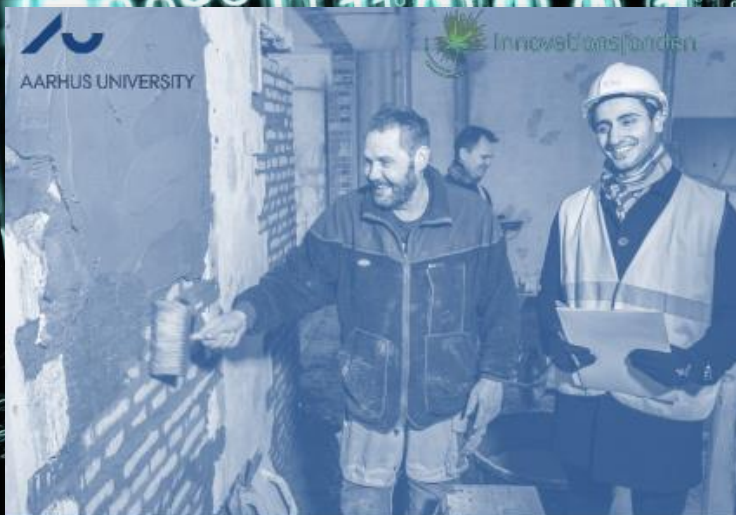


# EN RIGTIG DÅRLIG PLADS.....

## DAGSGRAF 3 HOVEDKATEGORIER



# Data spiser byggeledere til frokost



**PRODUKTIVITET  
I RENOVERING**

#spildtid

[www.revalue.dk](http://www.revalue.dk)

I skal have data på produktivitet - potentialecheck

I skal tænke "mange bække små..."

I skal bruge Leanværktøjer (LPS, tavlemøder, morgenmøder, LBMS osv.)

I skal bare i gang – **det virker!**

Tak for opmærksomheden