

# Climate adaptation Danish examples and lessons learned

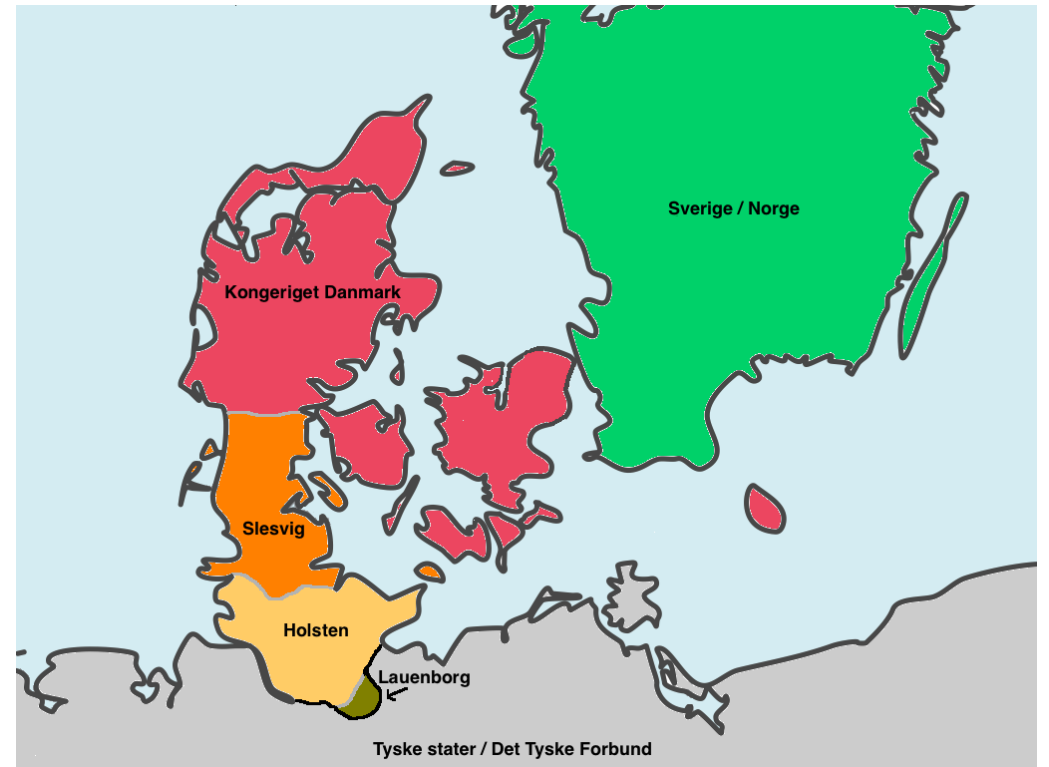
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# EVERY ERA HAS HAD ITS CHALLENGES

- Water has usually been a part of them

- 1864 – it all started with a war
- 1866 Hedeselskabet (Orbicon) was founded
- Land reclamation
- Drainage of wetlands
- Cultivation of the moor







Deepening and regulation of  
Sølbækken



Convicts working, Gedhus plantation



Measuring water, Tude Å

# NEW ERA – NEW CHALLENGES



Focus on restoring and protecting nature





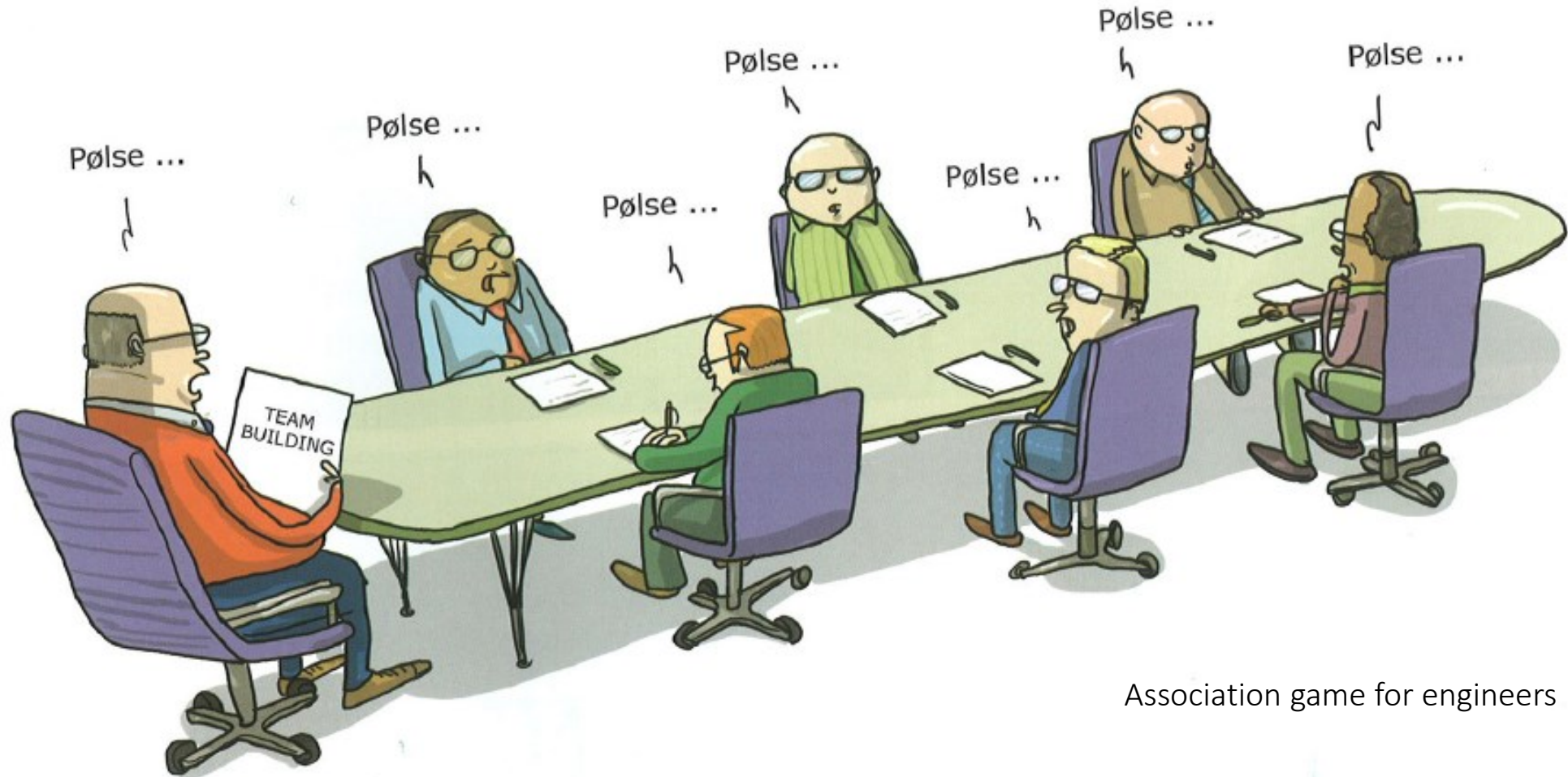
# ANOTHER CHANGE OF AGENDA



sØnæs, Viborg  
Awarded by KTC as the most  
innovative project in 2015

Adapting for a new climate

# A hollistic approach requires more than just engineers...



Association game for engineers

# SUSTAINABLE STORMWATER MANAGEMENT

- Every day rain, cloudburst, rising ground water table
- Economy
- Nature and environment
- Integration in the urban space
- Resilience
- Innovation and diversity
- Public participation and a cross disciplinary approach



Gene Kelly "Singin' in the Rain"

The goal is a liveable and resilient city



Lørenskogvej, Rødovre  
Before the renovation



Lørenskogvej, Rødovre  
After the renovation



Lørenskogvej, Rødovre  
After the renovation



Novo Nordisk Headquartes, Bagsværd  
Winner of the Danish Landscape Award  
2015



Novo Nordisk Headquartes, Bagsvaerd  
Winner of the Danish Landscape Award  
2015





*The first climate resilient neighbourhood of Copenhagen*



Tåsinge Plads, Copenhagen  
After the renovation



Tåsinge Plads, Copenhagen  
After the renovation



Tåsinge Plads, Copenhagen  
After the renovation



Tåsinge Plads, Copenhagen  
After the renovation



Solrødgård, Hillerød  
Under construction



Solrødgård, Hillerød  
Visualization



Solrødgård, Hillerød  
Visualization



# Lessons learned

- Businesses must be responsible and contribute to solving society's challenges
- A unilateral focus can create more problems than it solves. We must work holistically and be clear about our goals
- If you want development, you must be open to change
- We must respect the laws of nature but be willing to revise our own laws and regulations. In climate adaptation, the physical challenges are the least problem
- We can change the development and the way we do things. We have achieved great results in just 10 years