

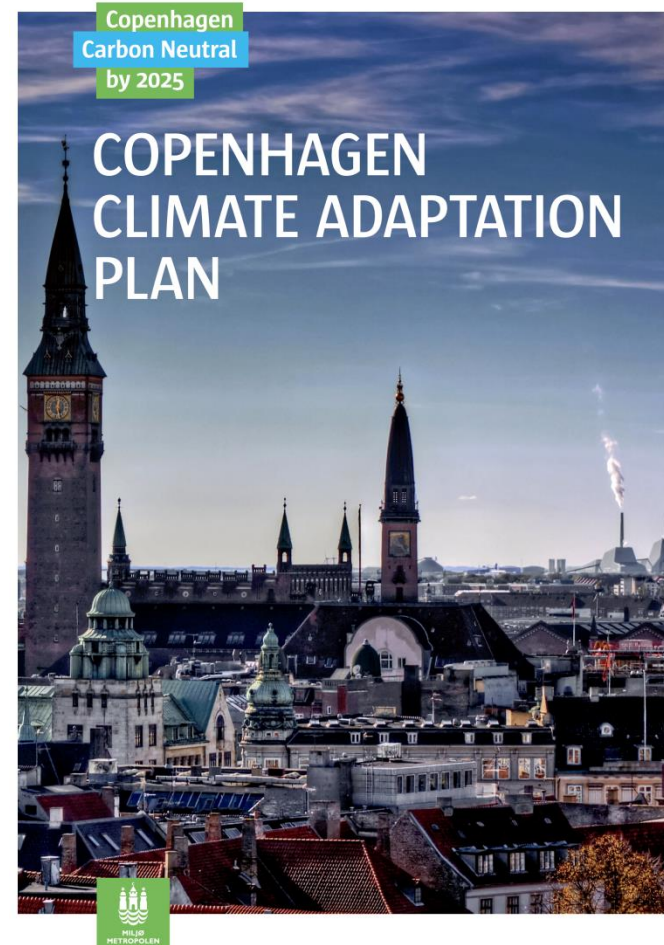


FINANCING CLIMATE ADAPTATION SOLUTIONS

COPENHAGEN MUNICIPALITY

The adaptation plan

- Work started in 2009
- Plan finally approved by City Council in August 2011
- Risk assesment
- Strategies for action
- An estimated implementation period of 30-50 years
- **Focus on opportunities of climate change**



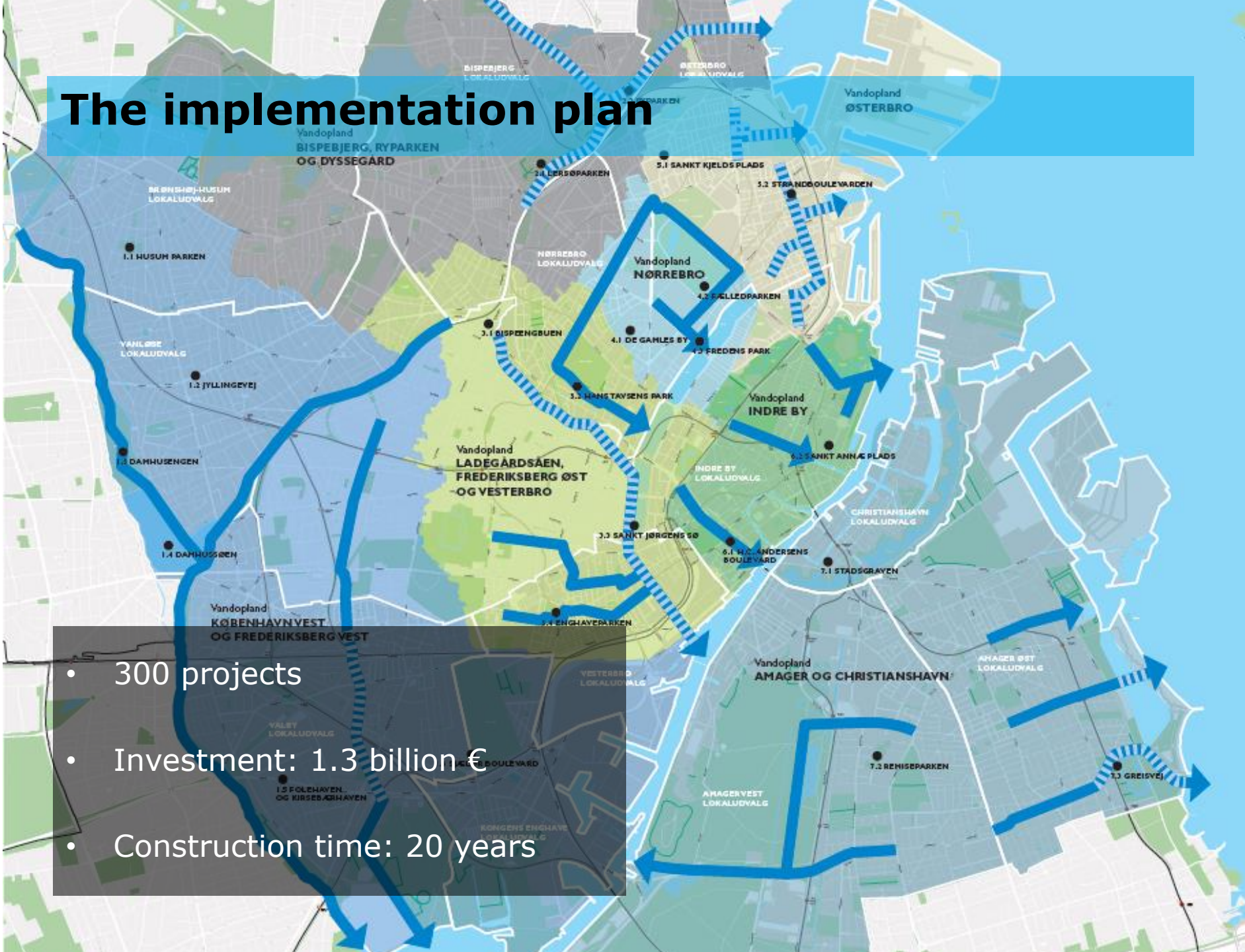
The opportunities of adaptation

- Focus on urban spaces
- Green and blue urban spaces
- We are developing a concept for the integration of water in the urban space
- Green adaptation – using the synergies to create green corridors and increase biodiversity
- Synergies – saves times and money

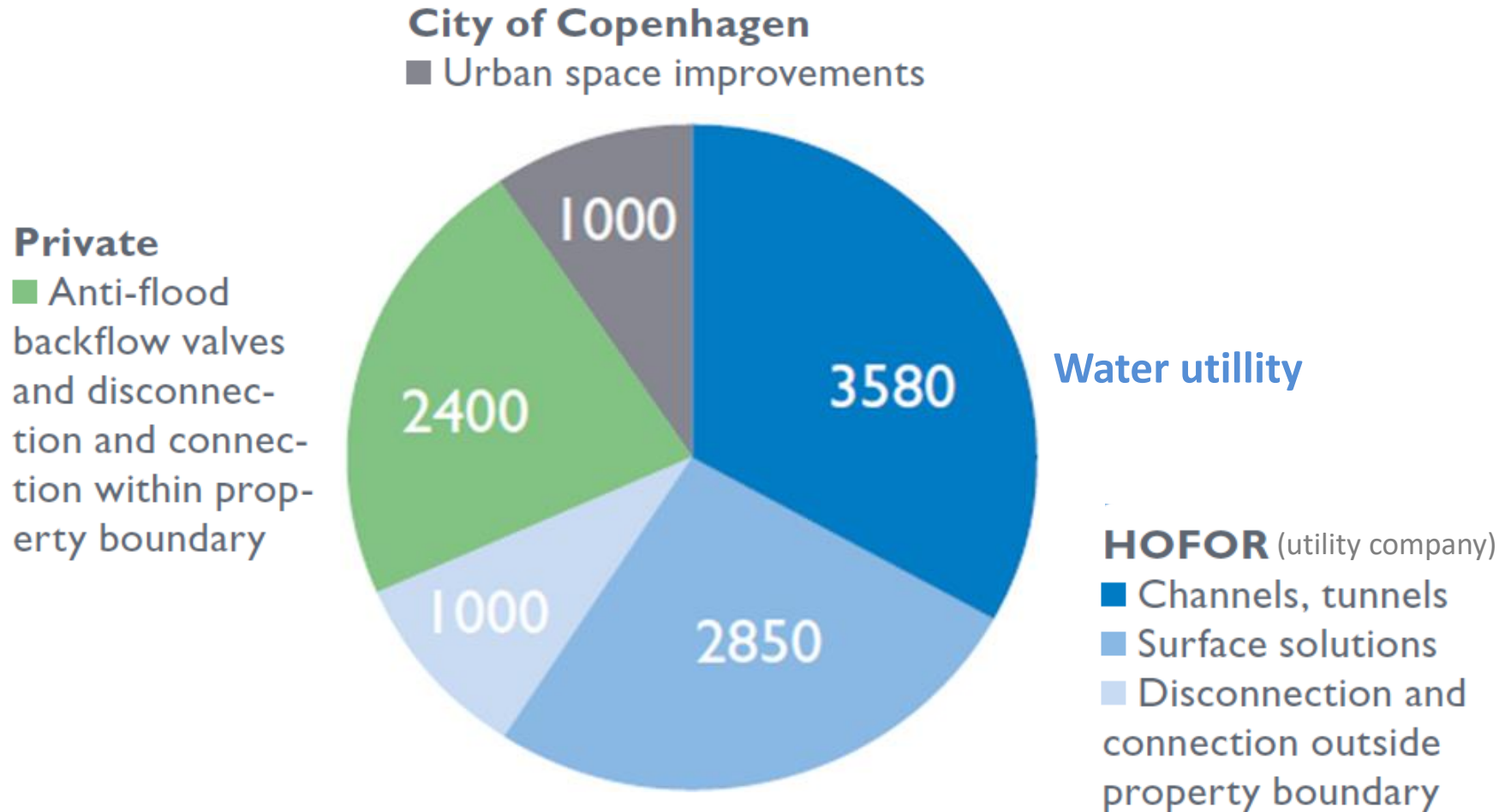


The implementation plan

- 300 projects
- Investment: 1.3 billion €
- Construction time: 20 years

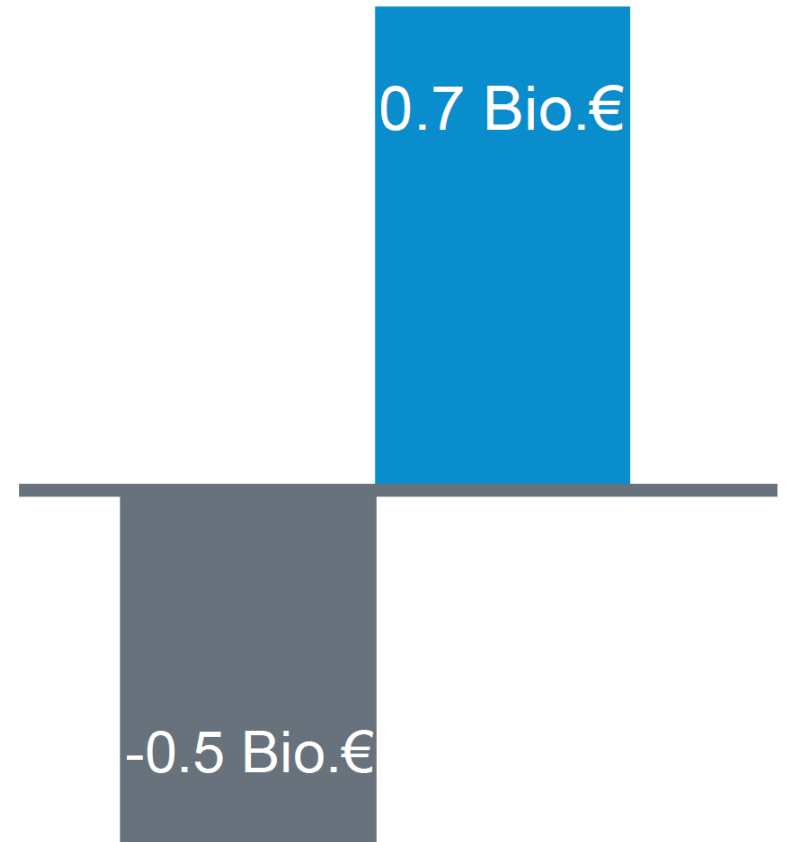


Investment: 1.3 bio. €



A good business case

- Total costs: 1.3 billion €
- Robust socio-economic figures
- Cheaper than traditional solutions
- Less flooding = less damage
- Lower insurance costs
- Higher house prices



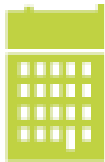
Financing: A new scheme for climate adaptation

'Co-financing' makes it possible to finance **CLIMATE ADAPTATION SOLUTIONS** through the water rates.



URBAN SPACE IMPROVEMENTS on the other hand is tax-financed and is therefore part of the city budget.

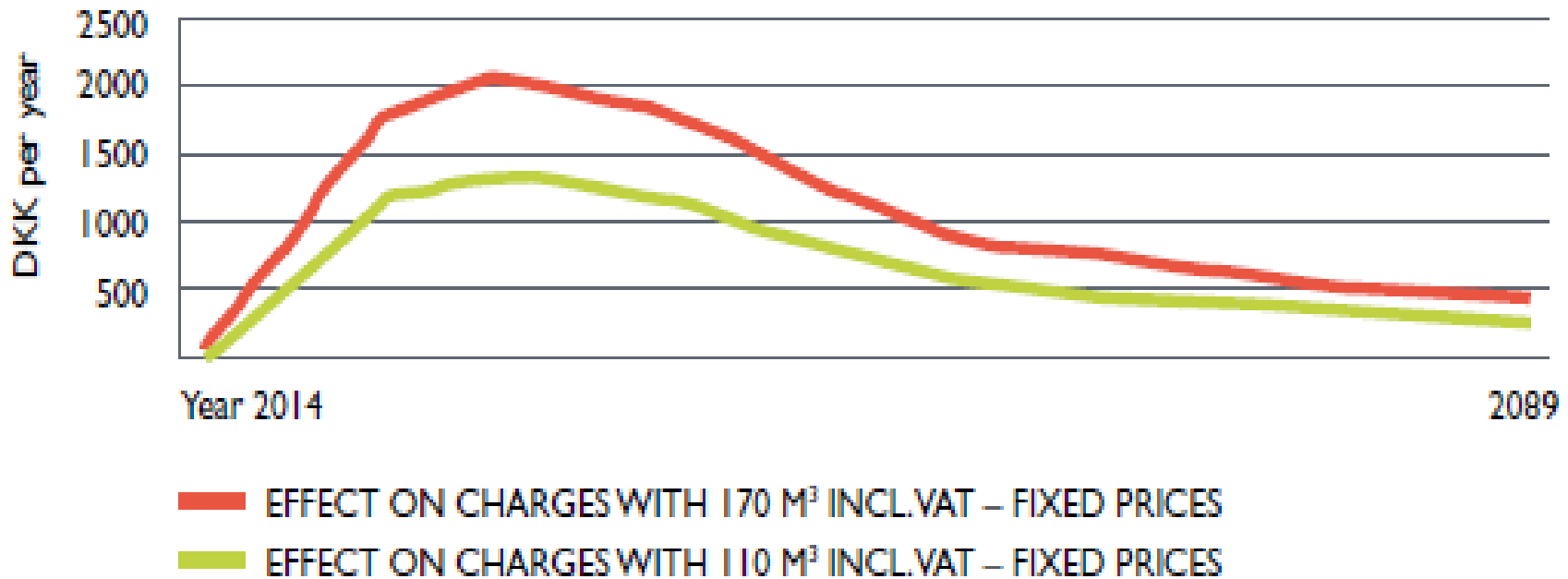
Impact on the water fees = 15 % increase



 House 170 m³ = DKK 1100 /year = € 150/year

Apartment 110 m³ = DKK 715 /year = € 100/year

ADDITIONAL ANNUAL COST DUE TO CLIMATE CHANGE ADAPTATION AND CLOUDBURST MANAGEMENT



2 PROJECTS

- SAINT ANNÆ SQUARE
- SAINT KJELDS NEIGHBOURHOOD



SAINT ANNÆ SQUARE - BEFORE



SAINT ANNÆ SQUARE - NOW



07-06-2018

TÅSINGE PLADS – BEFORE

Før



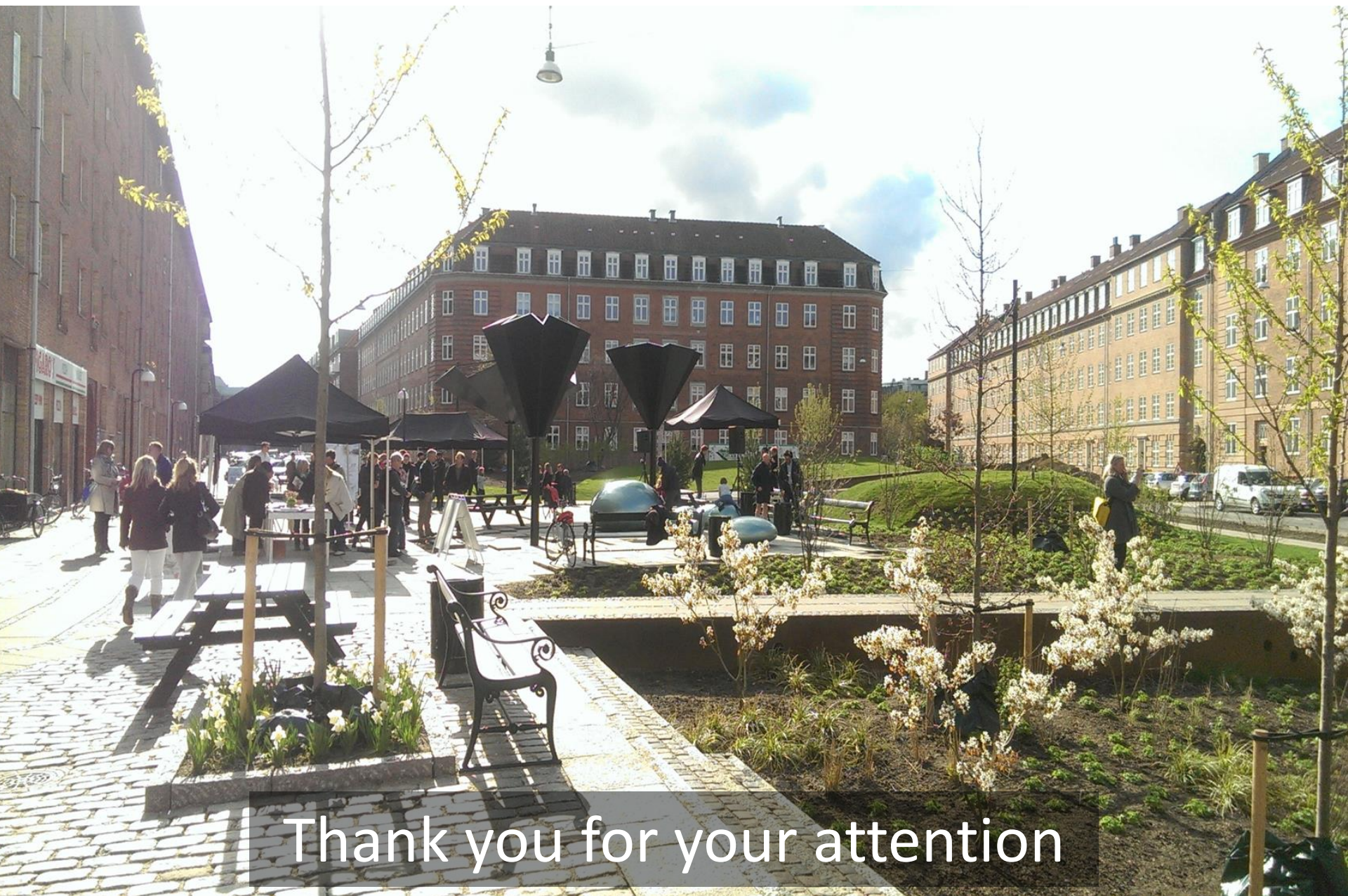
Tåsinge Plads – the first “water park”



Tåsinge Plads – the first water park



...and it works...



Thank you for your attention