



KØBENHAVNS KOMMUNE
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Tale til	Overborgmesteren
Anledning	Tale til China-Europe Water Platform årsmøde
Sted	China National Convention Center
Titel	City's Role in Water Management in Changing Environment: Case of Copenhagen
Dato	4. december 2014
Mødet varer	Kl. 9.00-10.00
Klokken	9.40-9.50
Taletid	10 min.
Bemærkning til arrangementet	Der vil være talerstol og mikrofon. Talen simultantolkes. OB holder første key-note tale efter velkomst af Kinas Dr. Jiao Yong, Vice Minister of Water Resources og EU-ambassadør Hans Dietmar Schweingut samt den svenske ambassadør Jan Olsson. OB introduceres af Mikkel Aarø fra Miljøministeriet.

Disposition

Copenhagens Water Supply
Harbour baths and water quality
Cloudburst adaptation and city planning

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side 1a

Welcome

- Ladies and gentlemen.
- Mr. Yong
- Ambassadors.
- First of all, I would like to thank the China-Europe Water Platform,
- for the opportunity to tell you about water management in Copenhagen.
- Water is a topic, that affects us all.
- Some regions and cities face big problems in providing drinking water for the citizens.

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side 1b

- Other cities must adapt to more rain and rising sea levels.
- Although Copenhagen is less affected than many other cities by climate change,
- We also have to focus on both water supply and climate adaptation.

Copenhagen's water supply

- Copenhagen is one of the few capitals, where you can drink high quality water directly from the tap.
- But as our city is growing, we face the very real risk of not being able to meet the demand for water.

- Limited water resources and increasing populations is the reality for many Chinese and European cities.
- The main challenge for Copenhagen is to maintain a high drinking water quality in the future based on groundwater supply.
- Due to lack of water sources within Copenhagen, water has to be transported in pipes over long distances.
- By adopting innovative technologies and policies,
- it has been possible to protect groundwater resources,
- limit the losses in the drinking water supply system and reduce drinking water consumption.

- Today the water loss in the pipe system is only 7 percent, and the daily use per citizen is 104 litres.
- This amazing result has been achieved thanks to innovative technical solutions such as:
 - leak detection technology,
 - smart regulation of water pressure,
 - individual water meters,
 - and financial incentives for consumers.
- Our ambition is to reduce the daily use to 90 litres per citizen in 2025,
- and to have a maximum 5 percent loss from the system.

- I believe, that these goals are realistic and achievable.

Harbour Baths and water quality

- But it is not only drinking water in Copenhagen, which is of high quality.
- The water in our harbour is so clean that you can swim in it.
- 3 very popular public harbour baths are now open to the public.
- This fantastic result has been possible due to a modern sewage system,
- a water cleaning programme,
- focus on diverting local rainwater,
- and monitoring of water quality.

Cloud burst adaptation and city planning

- In recent years, we have witnessed new challenges due to climate change:
- In 2011, Copenhagen was hit by a cloudburst,
- that caused extensive flood damage of almost 1 billion Euro.
- This underlined the need for an ambitious climate adaptation plan and a detailed cloud burst management plan.
- The challenges we face are enormous and require planning and coordination of the development of the city.
- In the beginning of 2015 we will present a cloudburst implementation plan,
- with 300 concrete projects in all parts of Copenhagen.
- The projects will give a big boost to the city's development,
- in terms of improved urban spaces and economic growth through public-private partnerships.
- You may ask "is it worth the investment"?
- My answer is yes!

- Copenhagen has had damages from cloudburst of 1,3 billion Euro in the last 4 years.
- The cost of adaptation is roughly 1,5 billion Euro,
- and will prevent large parts of expected damages in the next 100 years.
- This is a very good business case!
- But of course, implementing a climate adaptation plan is not just about saving money or creating jobs.
- It is about changing the physical landscape of the city.
- The basic idea behind the cloud burst management,

- is to make adaptation a precondition for urban development in the city
- Initiatives may include reopening streams, constructing new canals,
- or establishing lakes and more green spaces with great benefits for citizens.

Ending

- As you can see,
- Copenhagen has a strong focus on water management, including water supply, the sewage system and climate adaptation.
- We have developed a wide range of sustainable water solutions,

- in cooperation with research institutions and Danish companies.
- Some of them are present here today,
- and I am sure, that they will be happy to discuss possible, common projects,
- and to share knowledge and ideas.
- You can also find more information on sustainable urban solutions in this catalogue: “Copenhagen Solutions”

[OB viser eksportkataloget]

- I wish you a successful and fruitful dialog.
- Thank you.