

**TEKNIK OG MILJØ**  
Aarhus Kommune



## **Aarhus – towards a green and sustainable future**

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**go green  
with  
Aarhus**

# Aarhus in short

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- 2<sup>nd</sup> largest city in Denmark - 340,000 inhabitants
- Fastest growing city in Denmark (~ 5000 new inhabitants/ year)
- A young city (15% of the population are students)
- More than half of the Danish export of energy technology comes from our region
- 30.000 public employees in the municipality



# Aarhus – a sustainable and healthy city for it's citizens

- Clean and affordable drinking water for everyone
- Good water quality in streams, lakes and ocean
- Easy access to nature and focus on biodiversity
- CO<sub>2</sub>-neutrality in 2030

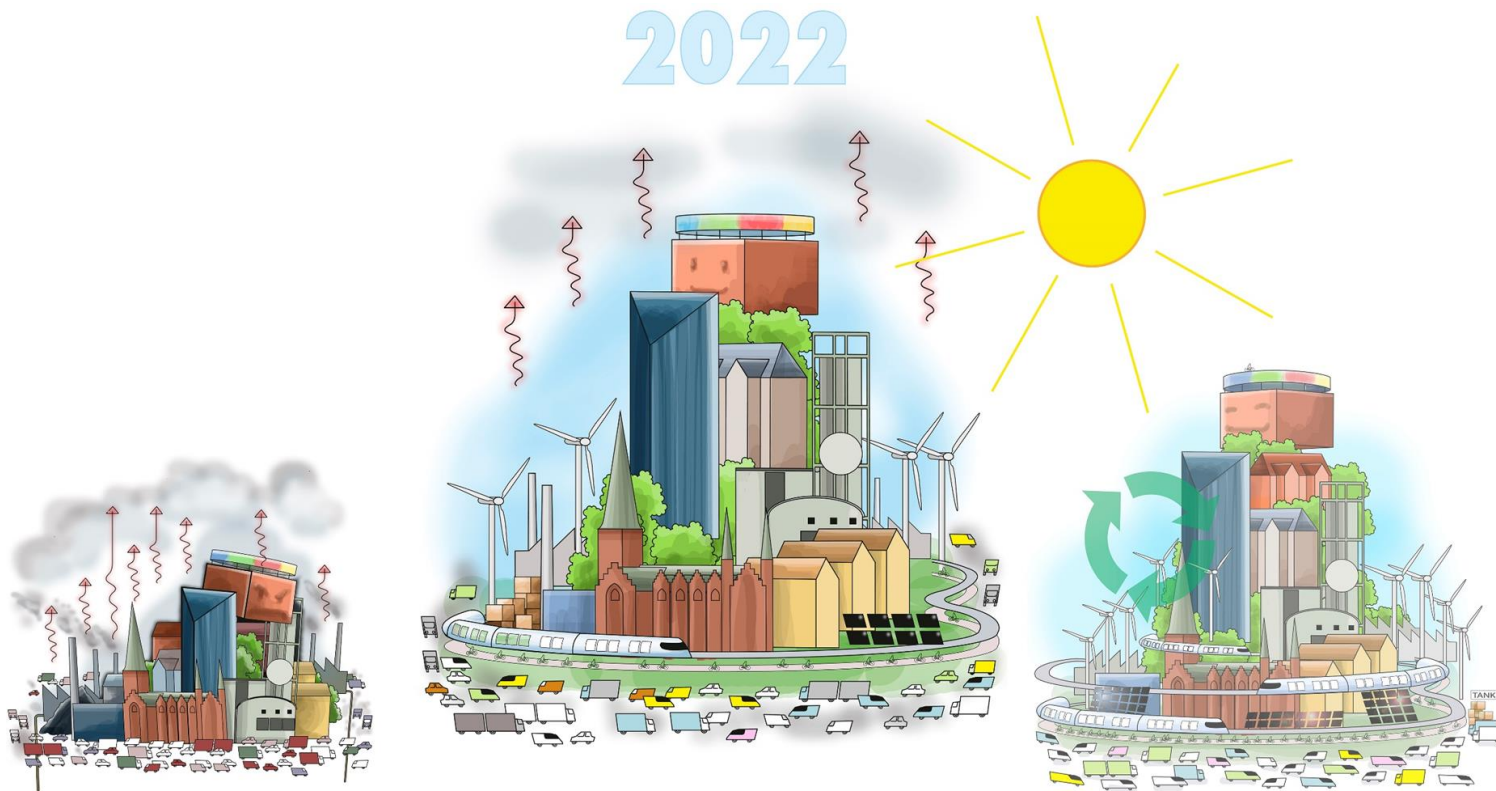


## **A city in transformation for climate neutrality**

**Aarhus' vision: CO<sub>2</sub>-neutral by 2030**

**Denmarks vision: CO<sub>2</sub>-neutral by 2050**

# Transforming Aarhus – from 2008 to a carbon neutral city by 2030



Halfway there! – by phasing out coal and oil in the central heating system

# Transforming the city together!

**Second climate plan:  
Transforming the city  
together!**

**Most of remaining discharge is  
by companies and citizens**

**An example: Energy strategi  
Aarhus - transforming the  
energy sector for a 100 %  
fossilfri future**





## **Time and space for water – climate adaption in Aarhus**

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**RISING SEA LEVEL + MORE INTENSE RAINSTORMS + MORE CITIZENS =  
SOLUTIONS FOR A GOOD LIVEABLE, SMART WATER CITY**

# Water is a resource – not a problem!

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- Solutions on climate adaptation is to **build a sustainable city with attractive green-blue surroundings** around the city (retention in open land) and in the city center
- By applying solutions with **multiple functions** (water storage, recreational, biodiversity)
- Combining climate adaptation and urban city development





# Water Supply and Waste Water Treatment

## Responsibilities and cooperation

**Municipality of Aarhus** is the authority and carries out:

- Long term planning
  - for example **groundwater protection**, a **rainwater-separation strategy** and a **centralization strategi** in waste water treatment for more efficient treatment and to prevent flooding
- Permissions and inspections

## Utilities:

- Public owned water utility Aarhus Water (275.000 consumers)
- 25 private owned water utilities (50.000 consumers) for drinking water only
- Handles supply, operations, constructions, maintenance etc.



# Thank you

# Q & A

