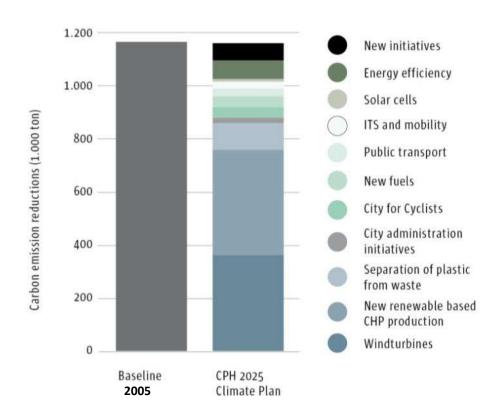


CPH 2025 CLIMATE PLAN CARBON NEUTRAL IN 2025

CARBON EMISSION REDUCTIONS



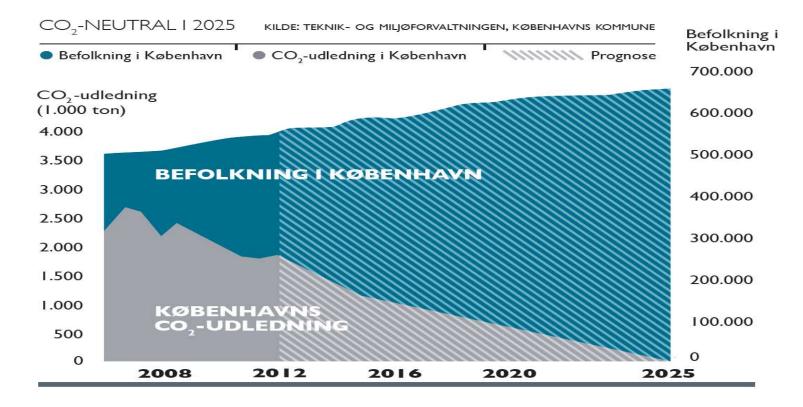


E-MOBILITY



OUR CHALLENGES

- Carbon: From 20 pct to 100 pct reduction in 10 years
- Population: +20 pct increase in 2025



CPH 2025 CLIMATE PLAN E-MOBILITY GOALS

CPH 2025 E-Mobility GOALS

- 20-30 % EVs out of total number of passenger cars used in the city
- 30-40 % of heavy duty vehicles on alternative fuels
- ALL City Administration vehicles on new fuels

BUT:

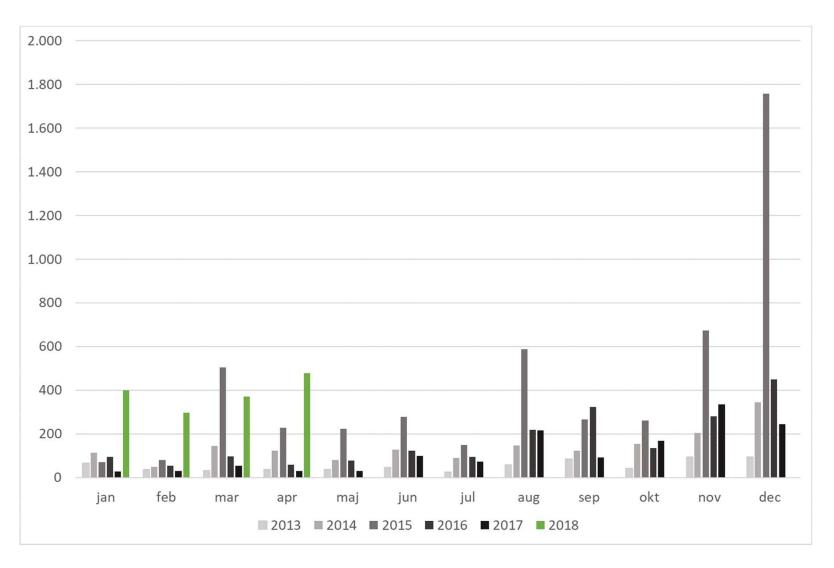
It goes along with...

- 75 % of all trips on foot, bike or public transport
- 20 % increase in public transport





EV SALES UP TO 2018





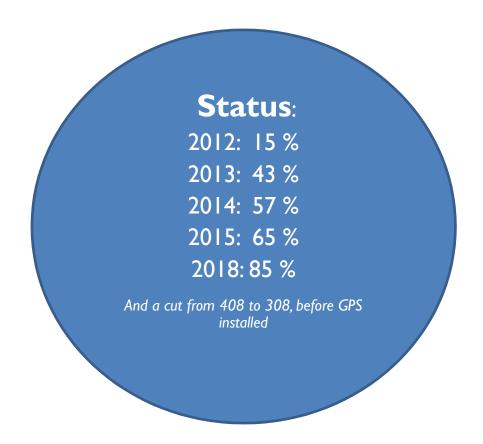
CITY ADMINISTRATION DRIVING GREEN

MAJOR STEPS FOR 2025

- Passenger cars must be electric and hydrogen powered by 2025 (85 % goal already in 2015); an infrastructure is being developed for charging stations for electric and hydrogen vehicles.
- Larger vehicles must use new fuels such as biogas. Copenhagen will be part of a pilot and demonstration phase for alternative fuel technologies for heavy vehicles.
- All external suppliers will be required to use electricity, hydrogen or biofuels when driving for the City of Copenhagen. (Not yet started)
- Ecodriving educating personel



PASSENGER CARS: 100 % EV/FCEV by 2025



BUSES: 100 % EV/FCEV by 2025





PUBLIC PROCUREMENT

- Up to 29 % cut in prices of EVs
- In 2015 35 public organizations participated



THE MAYORS WALK THE TALK



The Lord Mayor drives a Tesla – a prize comparable to a normal CEO car

The Mayor of the Technical & Environmental Department goes all in; bike, electric bike, train and carpool



INFRASTRUCTURE AND PARKING



INFRASTRUCTURE AND PARKING

Development projects

- Work on city planning in favour of EVs
- Development projects



CARS IN THE CITY

- Green taxis and car sharing
- Strengthen collaboration with private companies and public organizations to promote the procurements of EVs and to help bigger companies convert to EVs





Car sharing in Copenhagen

At least 750 round trip car sharing cars

At least 30 % of these should be EV/FCEV

The collaboration between public transport, car sharing and city bikes is strengthened through a MaaS (Mobility as a Service) concept



Integration of car sharing in city planning: "New Mobility"— a pilote project



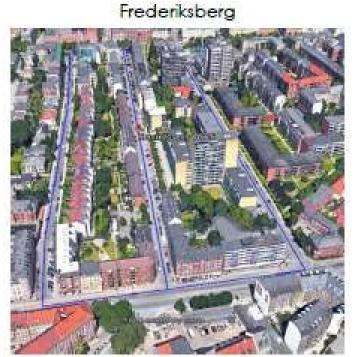


Copenhagen Carbon Neutral by 2025

"New Mobility" - project areas



Krusågade



Henrik Ibsens Vej

All streets part of the project



"New Mobility" - physical changes









"New Mobility results



Project participants

- younger, wealthier, more children, with fewer cars than the average for the area
- same distance to work as other Copenhageners (22-23 min.)
- most people use their bicycle for work and in their spare time
- -16 % of the car owners use their car every day

Motivation

- 1. Better urban space
- 2. Discounts
- 3. Testing a city car

The urban space

- mini parks get a high rating
- -75 % of participants (58 % of car owners) feel that the city should continue to convert parking space in to recreative urban space





Taxis in Copenhagen







Greener city logistics





RECOMMENDATIONS

- Copenhagen as a smart city
- New fuels biogas and new synthetic fuels
- Involvement of Copenhageners and stakeholders
- New projects



SAME IN

THANK YOU

