



Copenhagen  
Carbon Neutral  
by 2025

[www.kk.dk/climate](http://www.kk.dk/climate)

# CPH CARBON NEUTRAL 2025

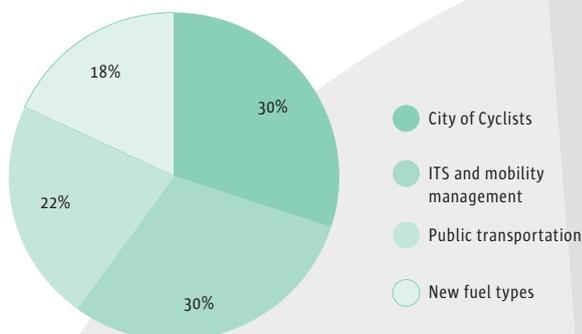
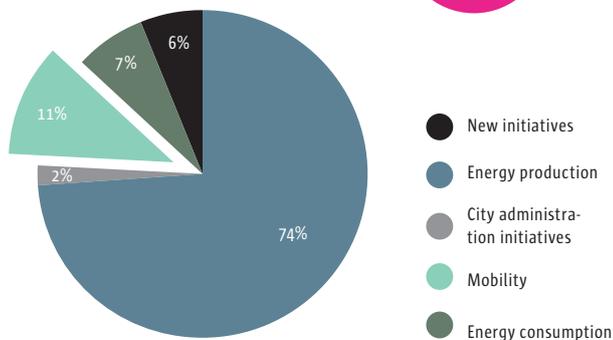
## - MOBILITY

The City of Copenhagen has set its sights on making it preferable to cycle, walk or take public transport when getting around the city. If you take your car, the aim is that as many people as possible use electricity and hybrid and hydrogen cars, while heavier vehicles are to run on new fuels such as biogas. Transport in Copenhagen is to contribute to the city being greener, smarter and healthier in 2025.

### SHARE OF TOTAL CARBON REDUCTION

135.000  
TON CO<sub>2</sub>

### ALLOCATION OF REDUCTIONS FROM MOBILITY INITIATIVES



### MAJOR GOALS FOR 2025

- 75 % of all trips in Copenhagen to be on foot, by bike or public transport.
- 50 % of trips to work or school in Copenhagen to be by bike.
- 20 % more passengers to use public transport.
- Public transport to be carbon neutral.
- 20-30 % of all light vehicles to run on new fuels such as electricity, hydrogen, biogas or bioethanol.
- 30-40 % of all heavy vehicles to use new fuels.

### MAIN INITIATIVES

#### ON THE WAY TO BEING THE WORLD'S BEST CITY FOR CYCLISTS

Copenhagen is already a world class city for cyclists. But the potential and our ambition are higher, and new initiatives are needed to get even more people to cycle.

- For example, A PLUSnet of cycle tracks with three lanes will be established.
- A Cycle Super Highway will be built.
- Copenhagen business life will be involved in relation to the identification of the need for an infrastructure for electric bikes and in relation to promoting the bicycle as the preferred means of transport to work.

#### CARS ON ELECTRICITY, HYDROGEN AND BIOFUELS

Copenhagen will work to increase the use of electric vehicles, hydrogen-electric and heavy vehicles running on biofuels. 96 % of all car trips in Denmark are below 50 km, so there is a basis for a large market in electric cars, and a nationwide and differentiated infrastructure will allow electric cars to cover the less frequent needs for driving longer distances.

- 20-30 % of light vehicles to run on new fuels such as electricity, biogas, bioethanol or hydrogen.
- 30-40 % of heavy vehicles to drive with new propellants.



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## - MOBILITY -

Development projects with focus on an improved framework for electric and hydrogen-electric cars and the creation of partnerships with companies and research institutions to stimulate the market for biofuels. Business partnerships must be created for infrastructure development of electric charging points and hydrogen gas stations, as well as the establishment of a secure supply of and infrastructure for biofuels

### **PUBLIC TRANSPORT**

Public transport is very visible in the Copenhagen cityscape, and in Copenhagen there are about 750,000 users of the bus, Metro or S - (suburban) trains daily. The goals are that even more people will use public transport and that public busses will be carbon neutral by 2025. This transformation will also contribute to less noise and better air.

- Public transport to be carbon neutral by 2025. To achieve this, experiments should be started with electricity and biofuels as propellants in large buses and biofuels in buses through operational trials with Movia. In addition to this, the infrastructure should be improved and the traffic should flow more freely with traffic information at the nodal points.

### **INTELLIGENT TRAFFIC MANAGEMENT**

- Technology has been developing very rapidly in recent years, creating new opportunities for traffic planning and traffic management which can improve traffic flow and reduce CO<sub>2</sub> emissions. In the coming years, the City of Copenhagen will create the conditions for these opportunities to be realized.
- The City of Copenhagen will, among other things, set in motion a traffic management plan to create a picture of how we can achieve the greatest reductions in CO<sub>2</sub> emissions in the city by optimising cycle, bus and car traffic.
- Optimising signals so busses' progress through traffic is improved and thus traffic can flow more easily.

### **MOBILITY PLANNING**

Investment in collective transport, cycle tracks and technology for new vehicles will make carbon neutral transport more attractive. However, it is necessary to disseminate knowledge of the various transport modes through information and promotions, as well as influencing road users directly.

- Mobility planning will ensure a targeted impact on transport behaviour overlaying other initiatives within the transport area. Furthermore, mobility planning must support the spread of alternative ways of using a car such as car sharing and car pooling.
- Mobility planning is about influencing the demand for green transportation and about getting the target groups to choose greener transport. The targets are based in businesses, communities and target groups such as newcomers to the area.

### **ECONOMY**

In the CPH 2025 Climate Plan, the City of Copenhagen expects that investments in the cyclists' city will be around DKK 600 million between now and 2025. Of these, DKK 520 million will go to PLUSnet. Besides the actions associated with CPH 2025 Climate Plan, it will cost the City of Copenhagen about DKK 1 bn to develop the City of Cyclists further.

The annual cost of bus operations in and through the City of Copenhagen is now DKK 930 million. Of this, the City of Copenhagen contributes DKK 400 million. In the light of the Danish Energy Agency's latest report on alternative fuels, it has been estimated that the municipality needs to designate a total of about DKK 290 million to carbon neutral public transport and bus infrastructure from now until 2025.

The municipality's total investment in intelligent traffic management is expected to be about DKK 300million for the period 2013-2025. This does not include the establishment of a traffic management system.

The total investment for the mobility program and long-term inducement up until 2025 is expected to reach DKK 50 million.