

# SMART PARKING WE NEED YOUR HELP

Make it easier for drivers to find a vacant parking space and strengthen your own business



**The city of Copenhagen has made data readily available to developers of navigation systems or mobile apps that can make it easier for drivers to find a vacant parking space near their destination.**

## Strengthen your business with free data

The City of Copenhagen invites developers and providers of navigation equipment, mobile apps etc. to utilise the parking data which is now available free of charge. You can transform the data into new services in your apps or navigation systems and thereby strengthen your own business e.g.:

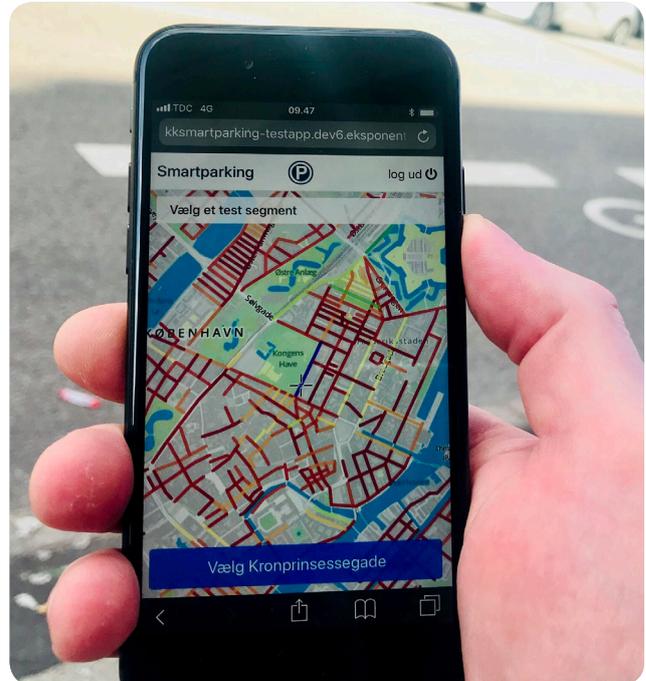
- You can make your navigation platform even better by guiding drivers to the nearest parking space with information about the price of parking.
- Parking apps can provide an overview on public parking spaces nearby and eventually guide drivers to private space.
- Drivers can be guided to a parking space close to a restaurant e.g.

The citizens of Copenhagen will save time and, in addition, bring down carbon emission released when searching for parking.

## Approach based on data and algorithms

The City of Copenhagen approach is based on data and algorithms. Around 30 different data sources have been pinpointed, mostly relating to the parking and traffic situation, but also including data about incidents, events, excavation work etc.

A proof of concept has been carried out during the summer of 2017 which identified methods to predict the parking pattern on different days and provide drivers with information about the probability of finding a vacant parking space. By combining historical data and real time data, algorithms and machine learning, is it now possible to predict where to find vacant parking spots.



## Copenhagen's smart city achievement and ambitions

The City of Copenhagen is a leading smart city having won several climate change and smart city awards. The city's goal of becoming CO<sub>2</sub> neutral in 2025 is the driver for many initiatives including the Smart Parking Initiative. The goal of the Smart Parking Initiative is to minimize search time for parking spaces and, thereby, reduce the amount of the resulting CO<sub>2</sub> emissions.

## Further information

Are you interested in more information about Copenhagen's Smart Parking Initiative and getting free access to parking data, please do not hesitate to contact us.

Jim Ring  
Smart Parking project manager  
digitalisering@tmf.kk.dk