

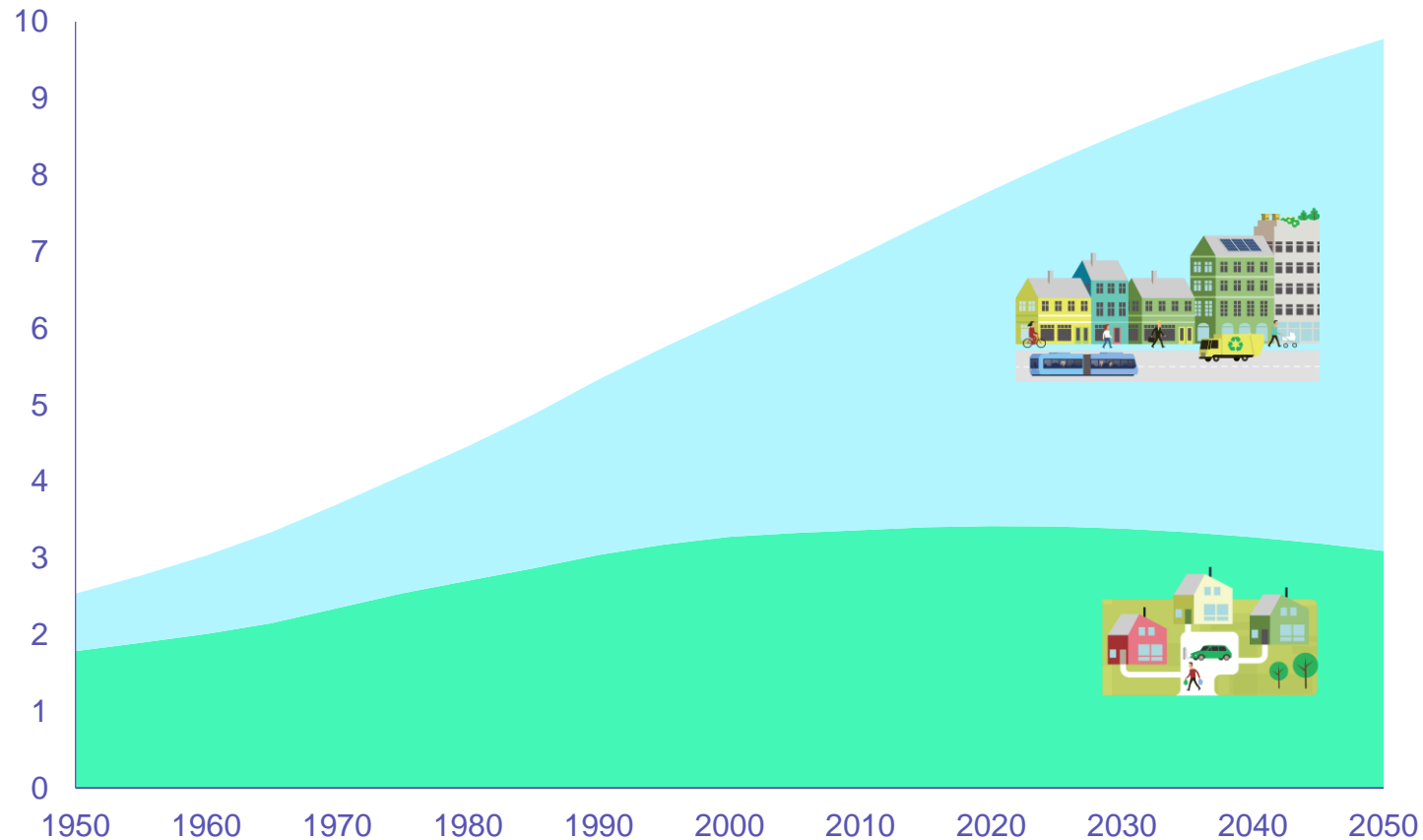
OSLO'S CLIMATE ACTION

The city of Oslo



Cities are key to a sustainable future

Population (billions)



By 2050 urban population will increase by 50 percent

Carbon neutral cities is a prerequisite for fulfilling the Paris agreement

NATIONAL REDUCTION TARGETS

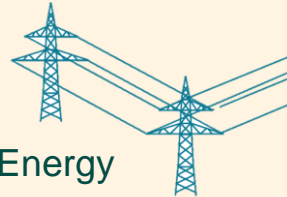
Emission trading system



Oil and gas



Industry

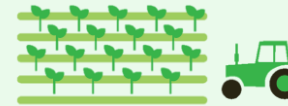


Energy

Non-Emission trading system



Transport



Agriculture

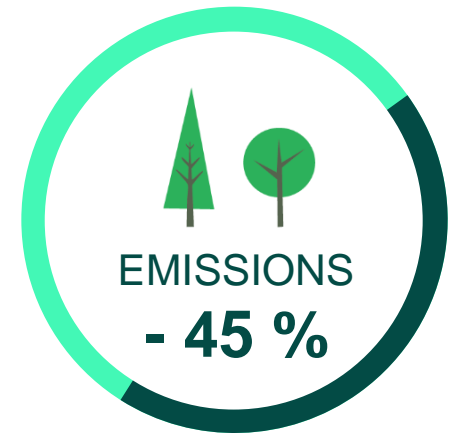


Buildings



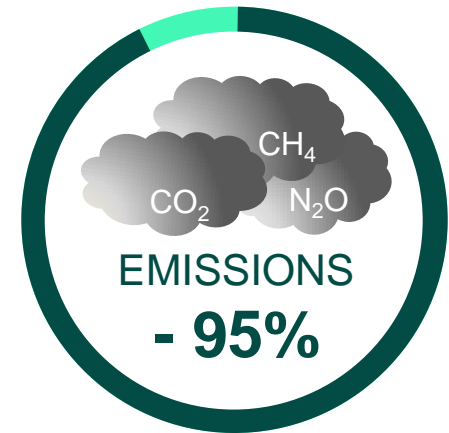
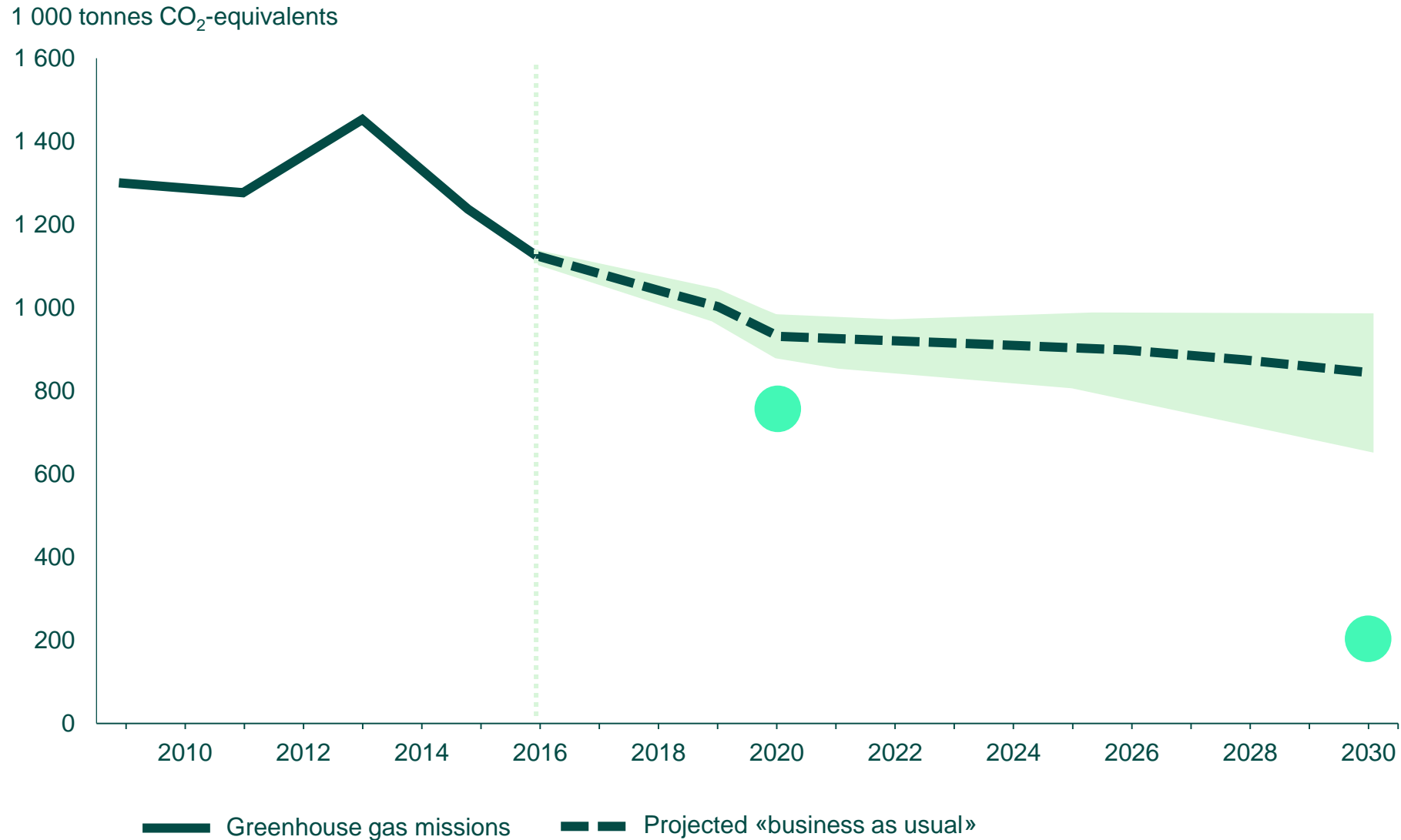
Waste

Non-ETS system



2030

OSLO'S CLIMATE TARGETS



By 2030



New climate strategy towards 2030

- ▶ Direction to the pathway to 95 per cent emission reduction
- ▶ Includes a broader range of climate change-related activities:
 - mitigation and adaptation
 - indirect emissions
 - climate effect of land use changes



CLIMATE BUDGET

- an efficient governance system

- ▶ Integrated in the ordinary municipal budget
- ▶ Identifies emission reduction measures
- ▶ Identifies costs and responsible unit for implementation
- ▶ Reporting as part of the ordinary budget cycle

Oslo is aiming to become
a zero-emission city within 2030.

EMISSIONS AND MEASURES

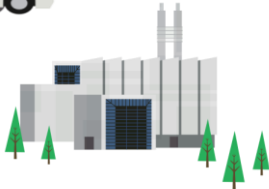
ROAD TRANSPORT – light duty vehicles



ROAD TRANSPORT – heavy duty vehicles



WASTE COMBUSTION AND ENERGY PRODUCTION



HEATING



OTHER MOBILE COMBUSTION



SEA TRANSPORT



WASTE AND WASTEWATER

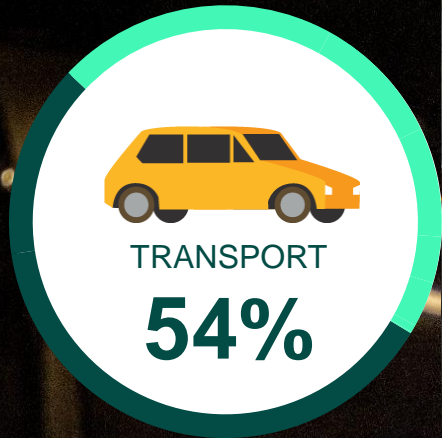


INDUSTRY

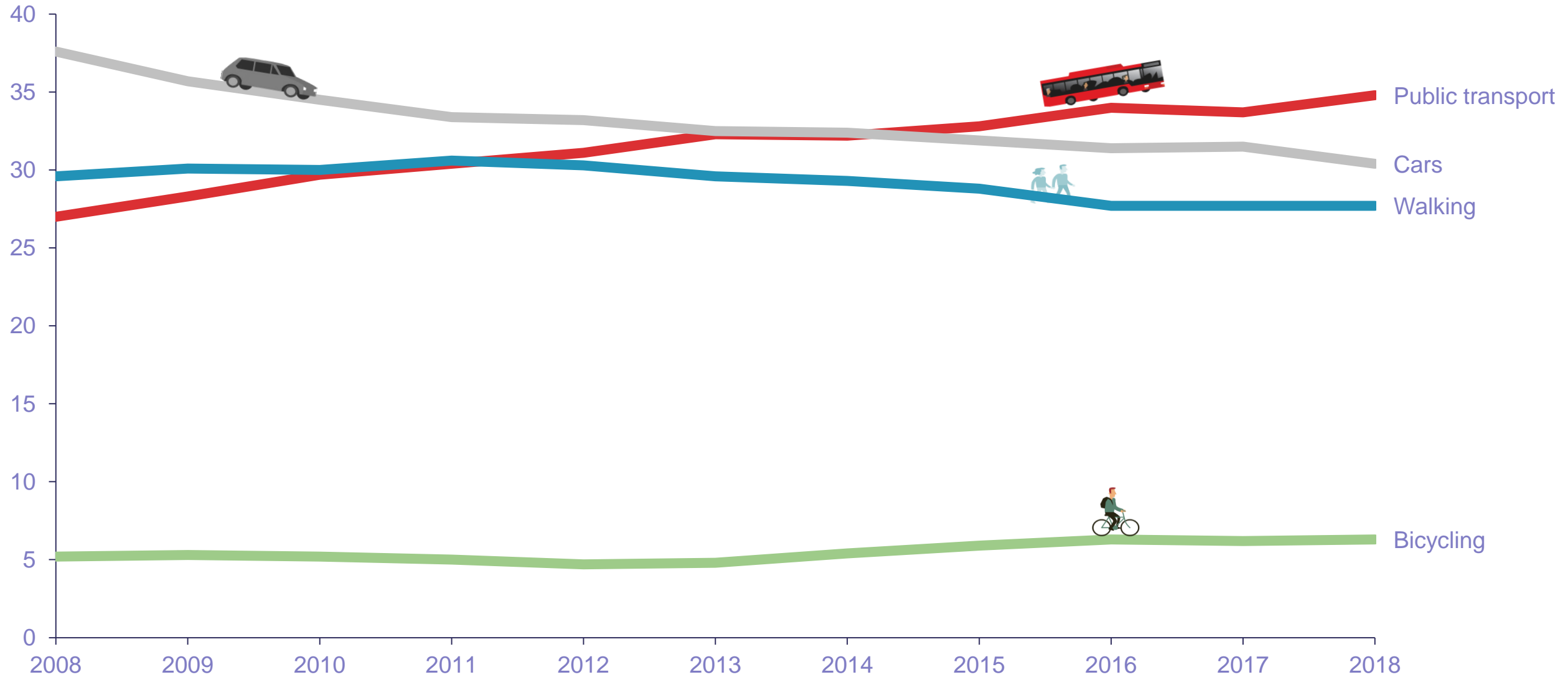





1034



The way we travel



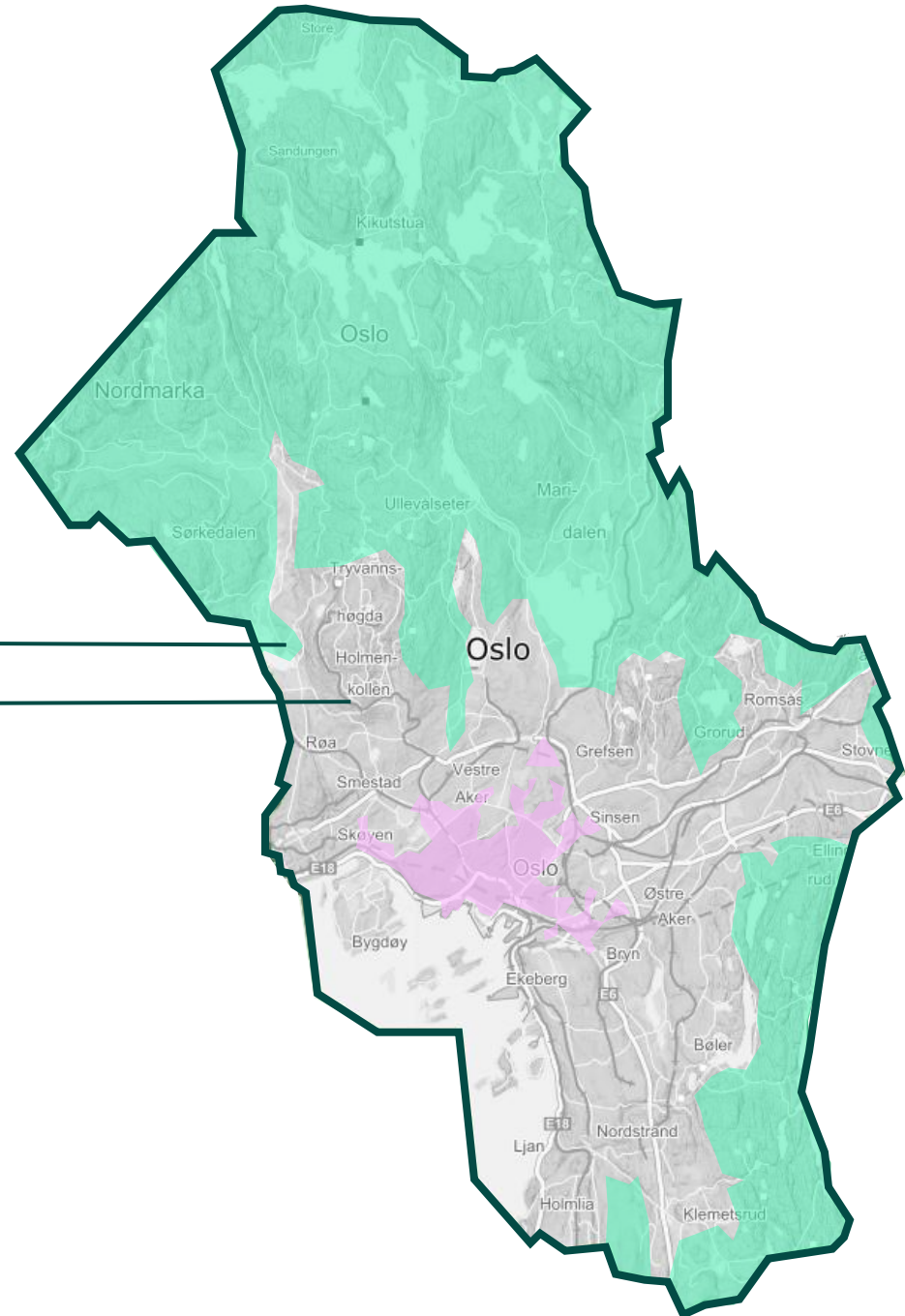
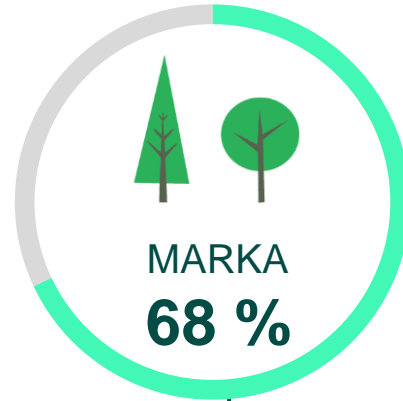




HEATING
10%



The role of Marka



Marka

- consists of large forested areas and many lakes



Open water ways

- › Decrease flood risks
- › Increase biodiversity
- › Improved aesthetics



Rain gardens

- › Absorb and delay water
- › Decreased local flooding
- › Increase biodiversity
- › Improved aesthetics



Green roofs

- › Absorb water
- › Clean air
- › Store CO₂
- › Reduce noise
- › Food production

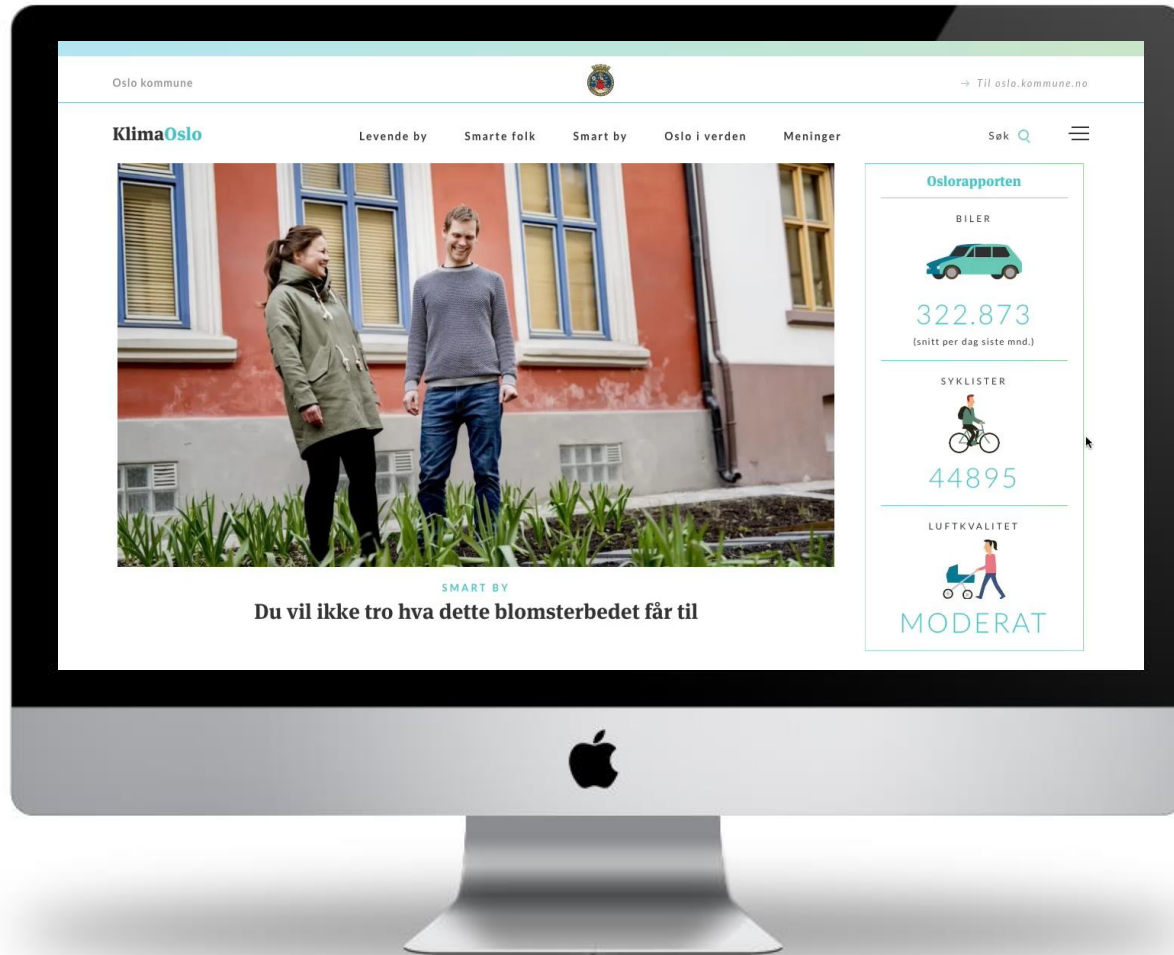


BIO-DIVERSITY

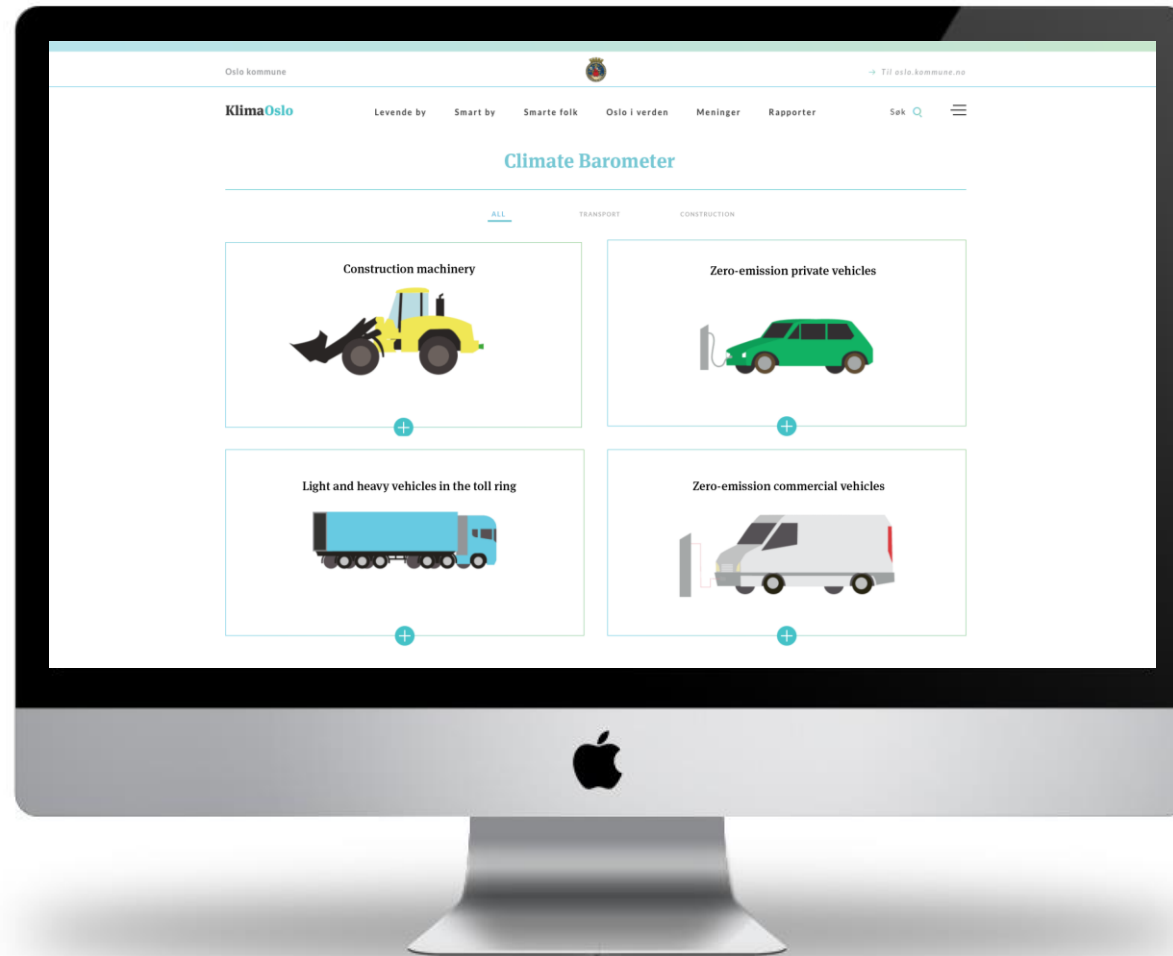


Higher number of:
Registered species
(including red-listed)
Invasive species in Norway

COOPERATION AND COMMUNICATION



THE CLIMATE BAROMETER



Business for Climate

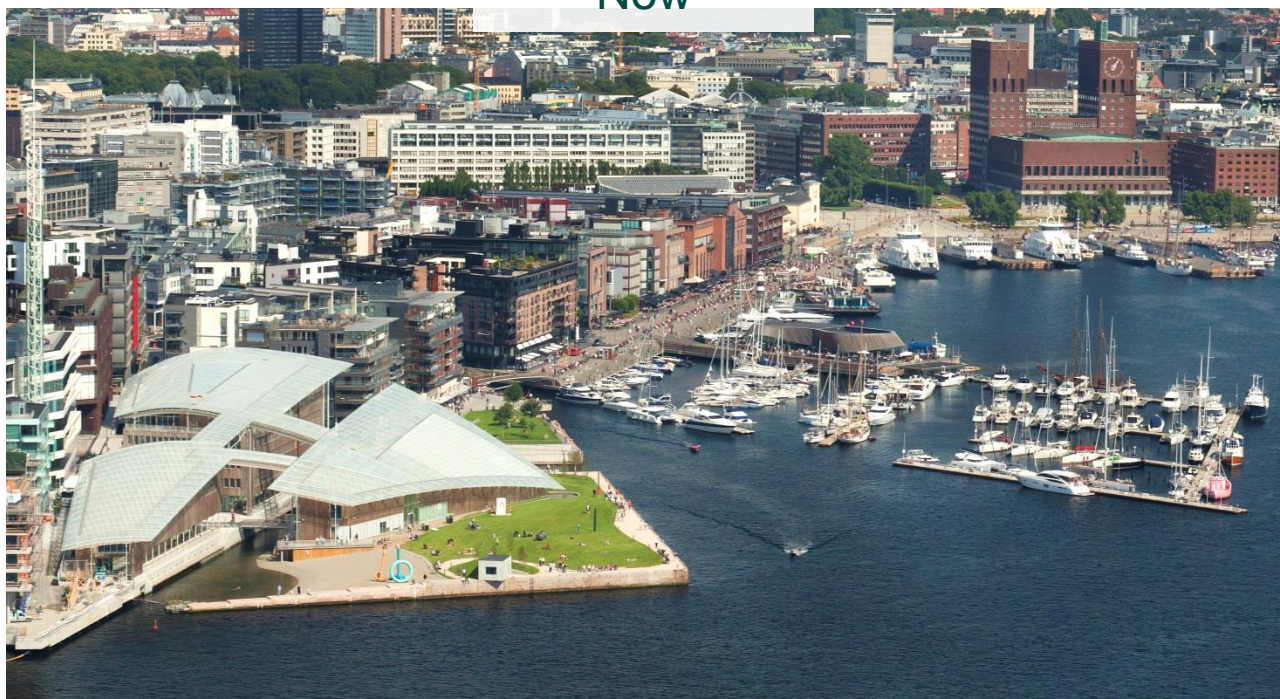
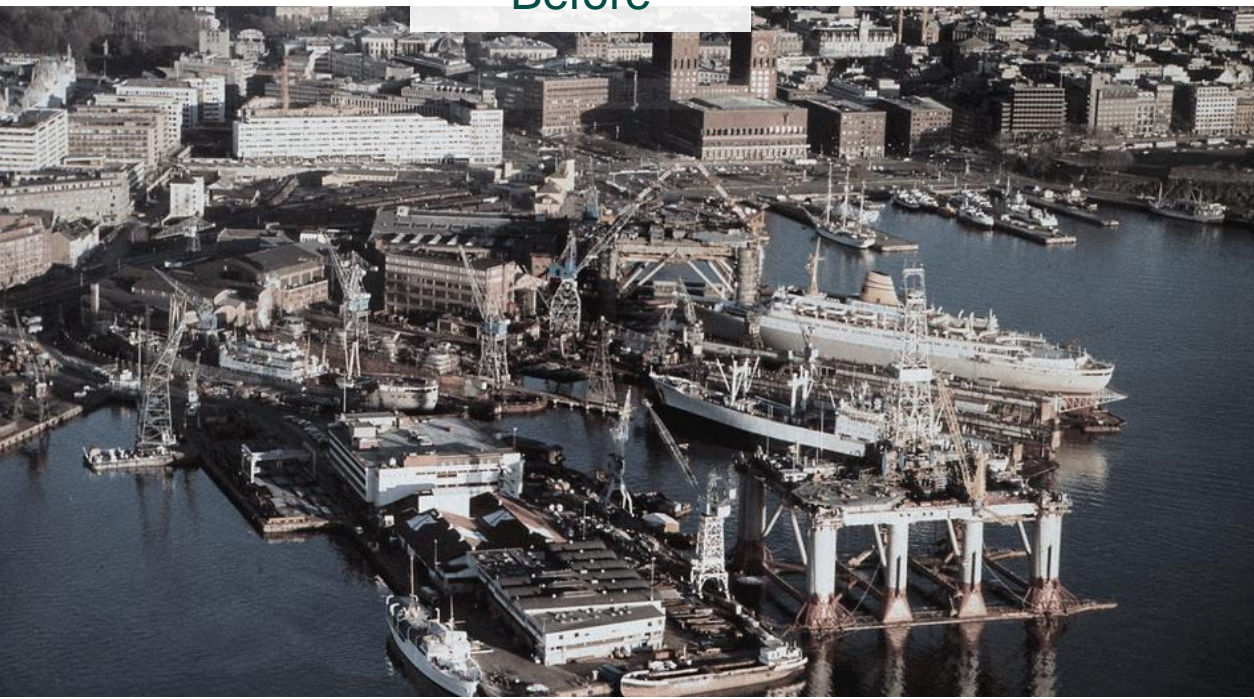




Before



Now



City of Oslo

 @miljohovedstaden

 @GreenOslo2019

www.greencapital2019.no

#EGCA2019





Energy use is part of the transition



To reduce the use of energy by 10 per cent from 2009 to 2030

Proposal in the white paper from the City Government



Car-Free Livability Program

