

Reducing the carbon footprint from Bergen kommune



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POLITICAL PLATFORM

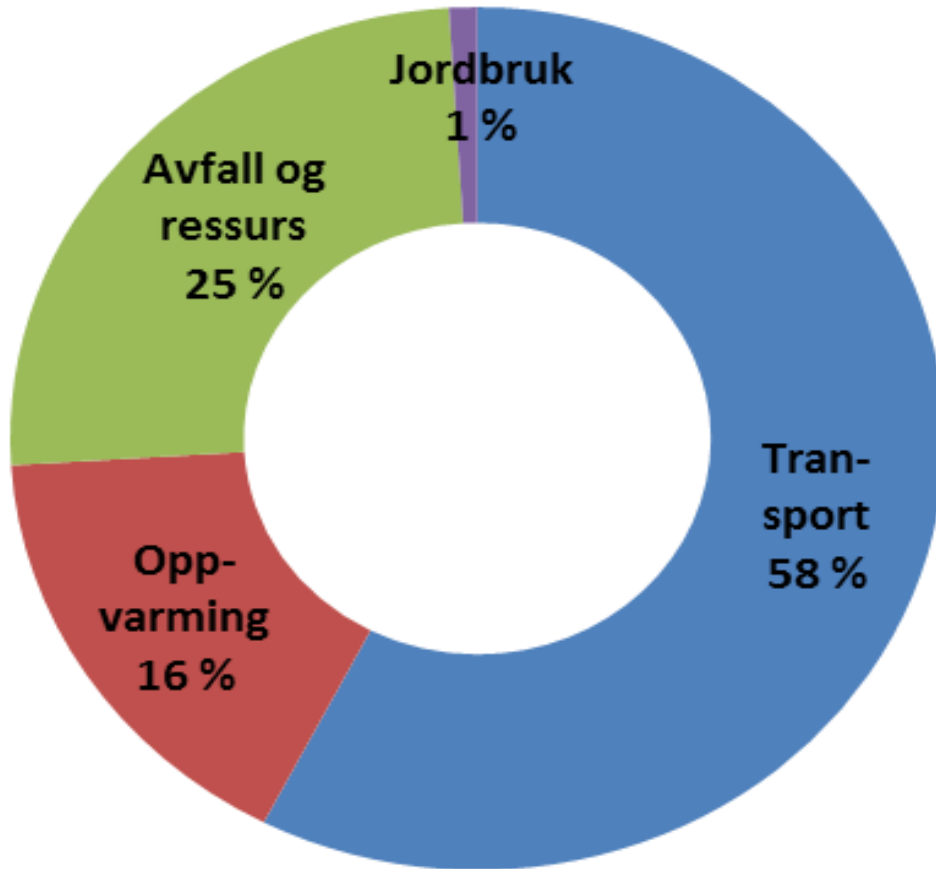
Bergen is to be Norway's **GREENEST CITY**

- More sustainable and energy-efficient buildings
- Better balance between residential and commercial buildings in the city districts
- 10% reduction in car traffic by 2020
- Transport, including walking, cycling and public transport, shall take priority in planning
- Sheltered bicycle parking facilities will be built
- More efficient recycling and environmentally friendly waste handling

A decorative background consisting of a repeating pattern of small, stylized icons in shades of green and yellow. The icons include various symbols of nature (trees, leaves, butterflies) and urban infrastructure (bicycles, cars, buildings).

GREEN STRATEGY

Emissions 2013



A FOSSIL-FREE CITY



Fossil-free transport



Fossil-free heating



Fossil-free port



Fossil-free waste handling

Goals for a fossil-free Bergen in 2030



To be achieved in accordance with the following plan:

2020: Bergen will reverse the trend and reduce direct greenhouse gas emissions by 30% compared with 1991

2030: Bergen will be fossil-free, meaning that no oil, coal or gas is used in Bergen

2050: Bergen will be a 1.5-degree city. The goal is for the people of Bergen to limit their climate footprint in line with the UN agreement on climate change



Climate budget



- The City Government will launch climate budget for 2018 as a part of the Financial Budget
- “We’ll count carbon dioxide the same way we count money”
- The climate budget will consist of several measures distributed across different sectors, mainly Energy/buildings and Transport

Fossil-free transportation



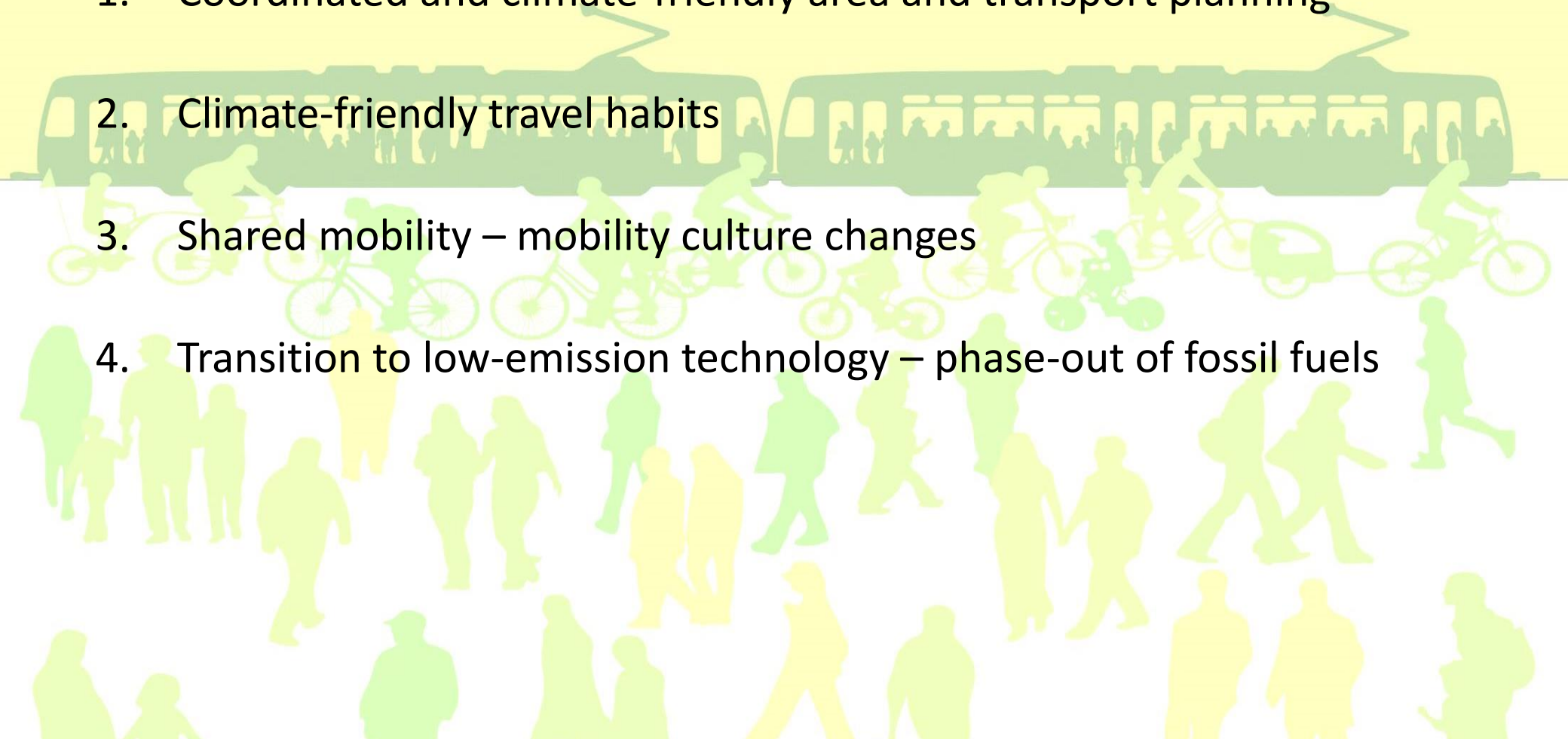
Four strategies for the transport area

1. Coordinated and climate-friendly area and transport planning

2. Climate-friendly travel habits

3. Shared mobility – mobility culture changes

4. Transition to low-emission technology – phase-out of fossil fuels



FOSSIL-FREE HEATING



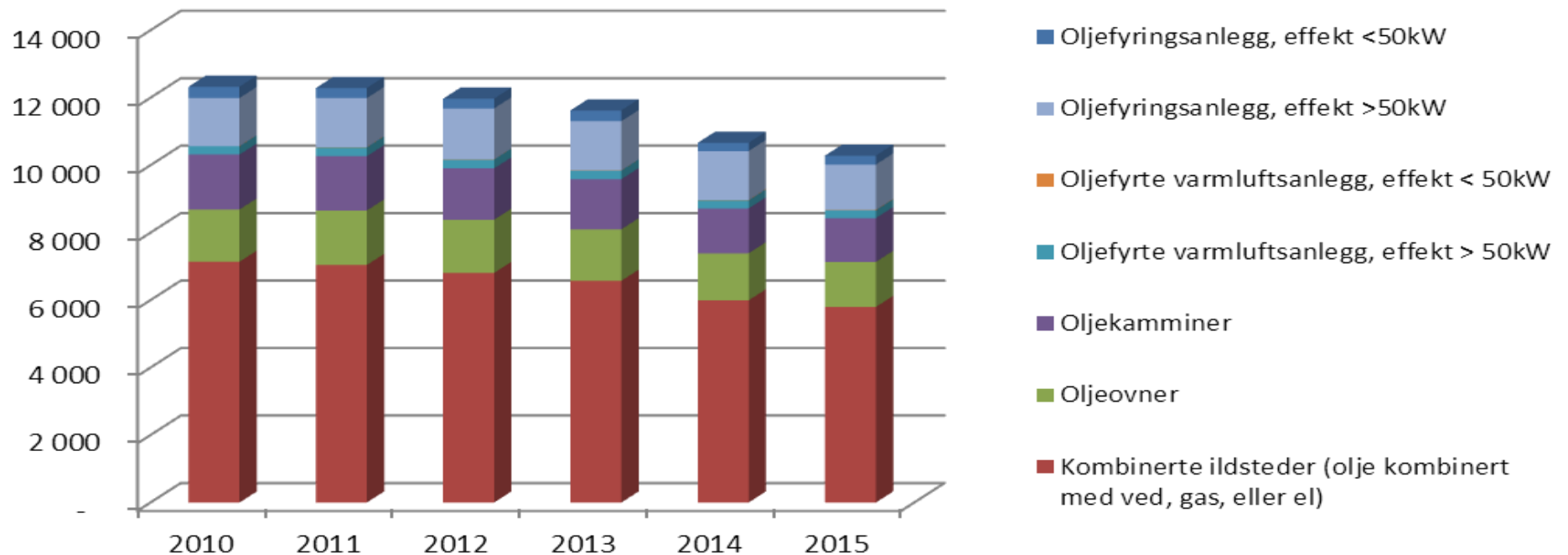
Three strategies for buildings

1. From fossil to renewable energy
2. Energy efficiency
3. Energy and environmental qualities in buildings and areas



A 17% reduction in oil-fired heating systems

The number of oil-fired heating systems in Bergen is steadily decreasing. There has been a continuous reduction since 2010, which is the year that most existing systems are assumed to have been registered. Every year, we find some systems that have not previously been registered, which means that the reduction is actually greater than shown in the figure



Fossil-free waste management



Three strategies for consumption pattern, waste and resources



1. Reduce the climate impact of consumption
2. Reduce the amount of waste and increase reuse
3. Use waste as a resource



Adaptation to climate change

The background of the slide features a stylized illustration of a city skyline in shades of green and yellow. A large, dark green rain cloud is positioned in the upper right, with numerous diagonal lines representing rain falling over the city. The overall aesthetic is clean and modern, using a limited color palette.

The City of Bergen's main strategy is to include work on adaptation to climate change in the municipality's work on risk and vulnerability and in other municipal planning

Increased precipitation



Rising sea levels



More wind



Risk and vulnerability –
extreme weather

City masterplan

Bergen must achieve sustainable growth that protects the climate and environment

Bergen must promote green architecture and renewable energy

Bergen must encourage smart, green mobility that makes better use of the transport network's capacity

The city authorities must promote joint use and a sharing culture so that resources are used more efficiently

Bergen must facilitate, and support, a green transition in the research and business communities

City Masterplan for sewerage addresses urban water possibilities

Water in the City

- Water planners, urban planners and gardeners should talk more together
- Storm water should be considered a positive element and make the city more beautiful
- Clean Storm water is a valued resource and should be used as a positive element in urban planning



BERGEN KOMMUNE

Hovedplan for avløp og vannmiljø
2005 - 2015





GREEN STRATEGY

Thank you for your attention!

