

# Climate-smart solutions of City of Helsinki

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# Contents of the presentation

- Basic facts of Helsinki
- Helsinki's climate policy and emissions
- Impacts of climate change in Helsinki
- Examples of our climate-smart solutions & lessons learnt





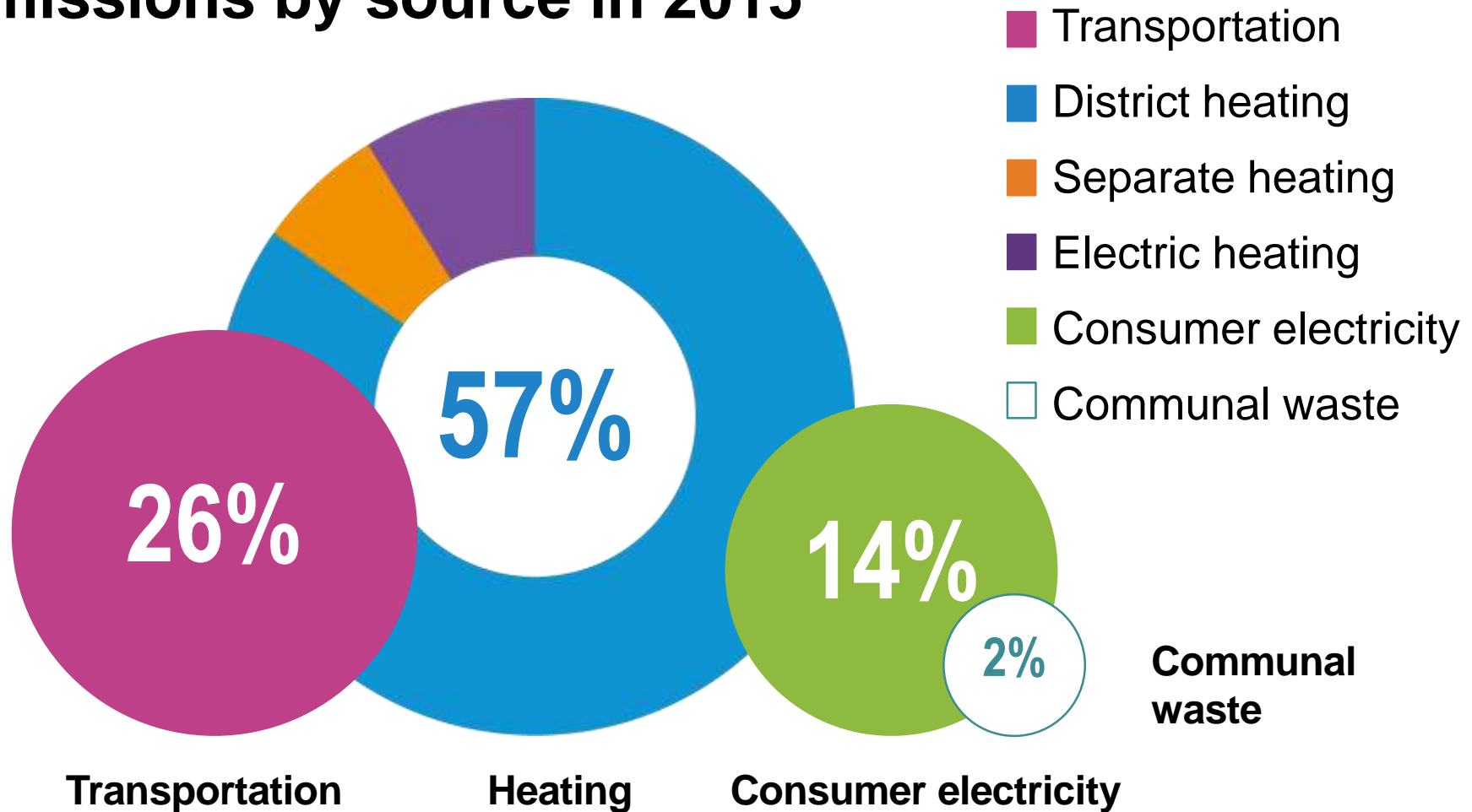
# Helsinki

- Capital of Finland
- 620 000 inhabitants
- Employees 38 000
  - At Environment Centre 160
  - Climate unit 10
- Emissions 4,4 t CO<sub>2</sub>-eq. in 2015



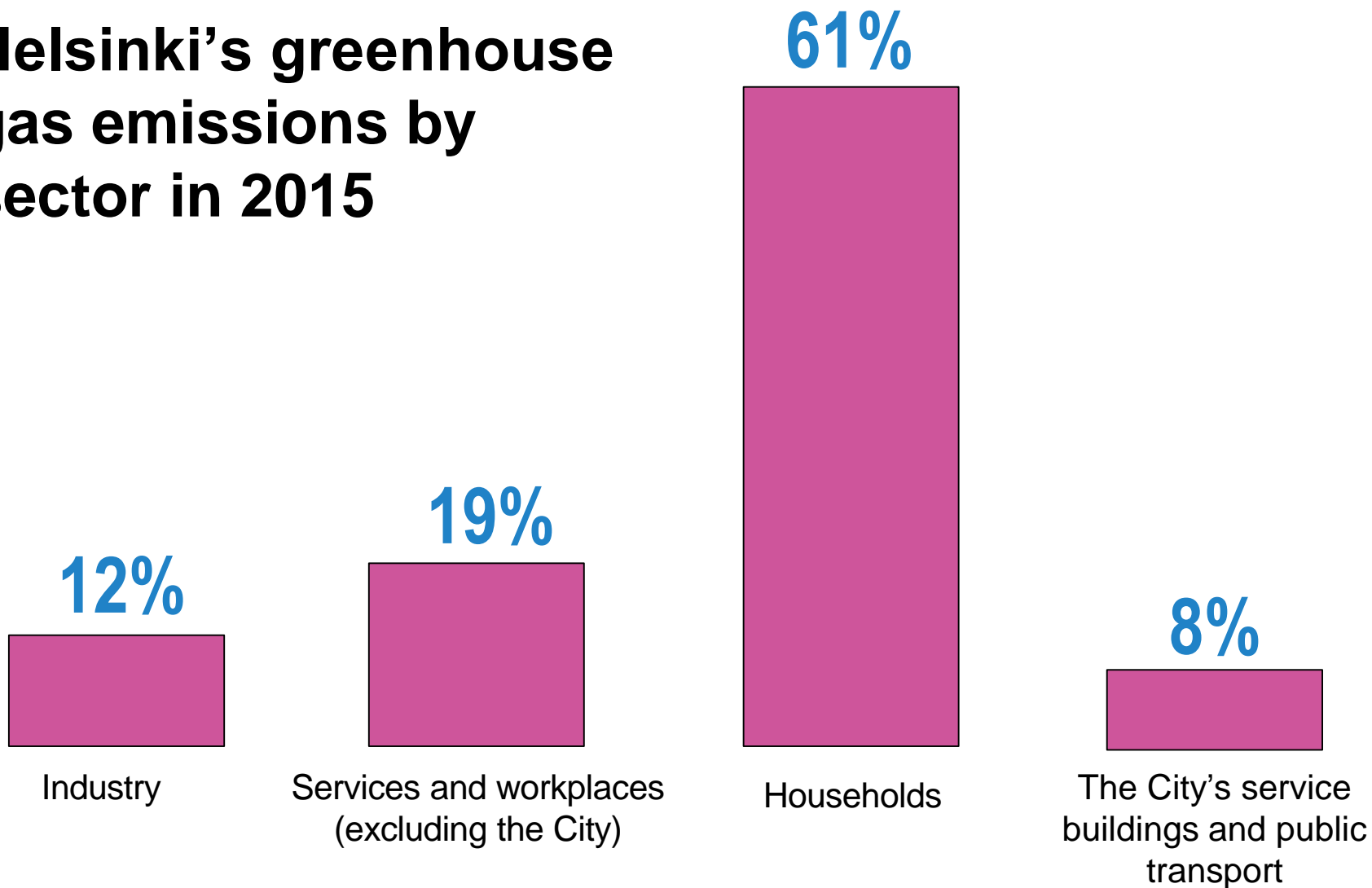


# Helsinki's greenhouse gas emissions by source in 2015





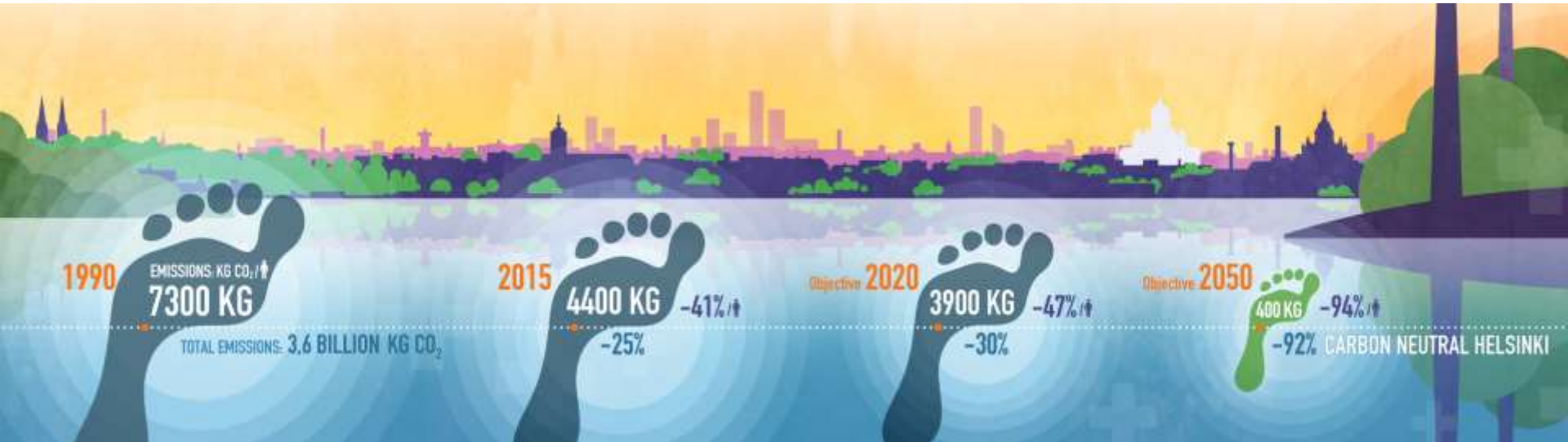
# Helsinki's greenhouse gas emissions by sector in 2015





# Helsinki's Climate Objectives

- Carbon neutral and climate resilient capital by 2050
- New targets for 2030 to be set next spring





# Impacts of Climate Change in Helsinki



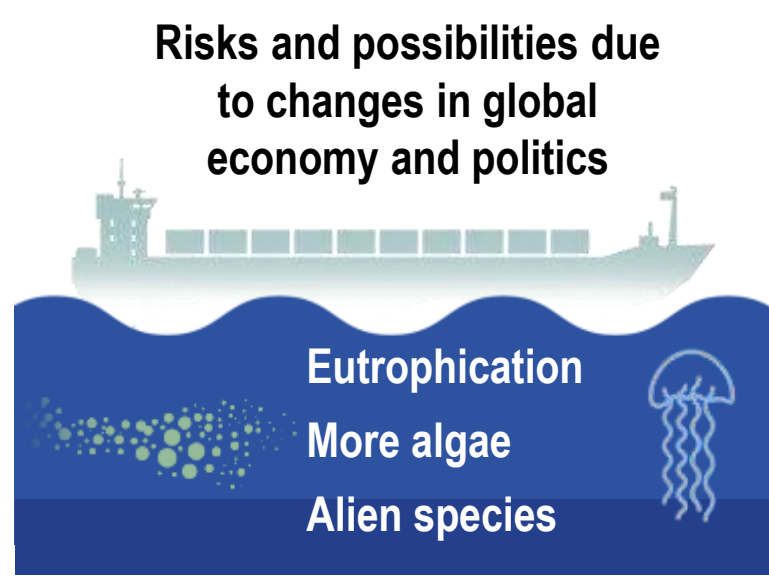
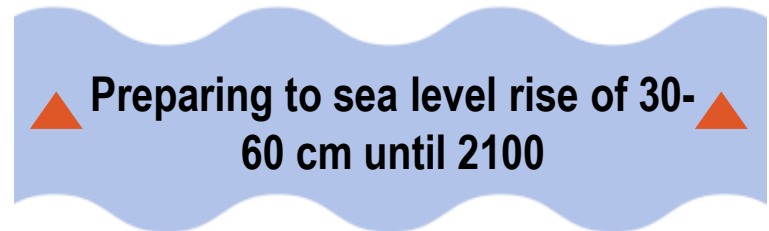
More cloudiness and rainfall



Extreme weather events



The climate at the end of 2000's will be like in modern day Germany





# Helsinki's climate actions in short

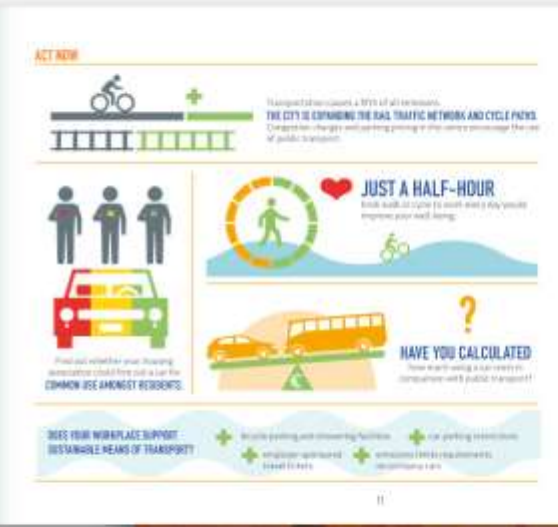
- Responsible planning for the future
- Making climate-friendly choices as easy as possible
- Climate actions making the city an even better place to live, work and visit







# Helsinki's Climate Roadmap



[Link](#)

# Positive examples (Climate Roadmap)!



We live in carbon neutral homes



Emissions-free transportation is easy and fun



Enjoying life in a sustainable way



A living city – more city and nature



Towards climate friendly services and products



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# Towards carbon-neutral energy production

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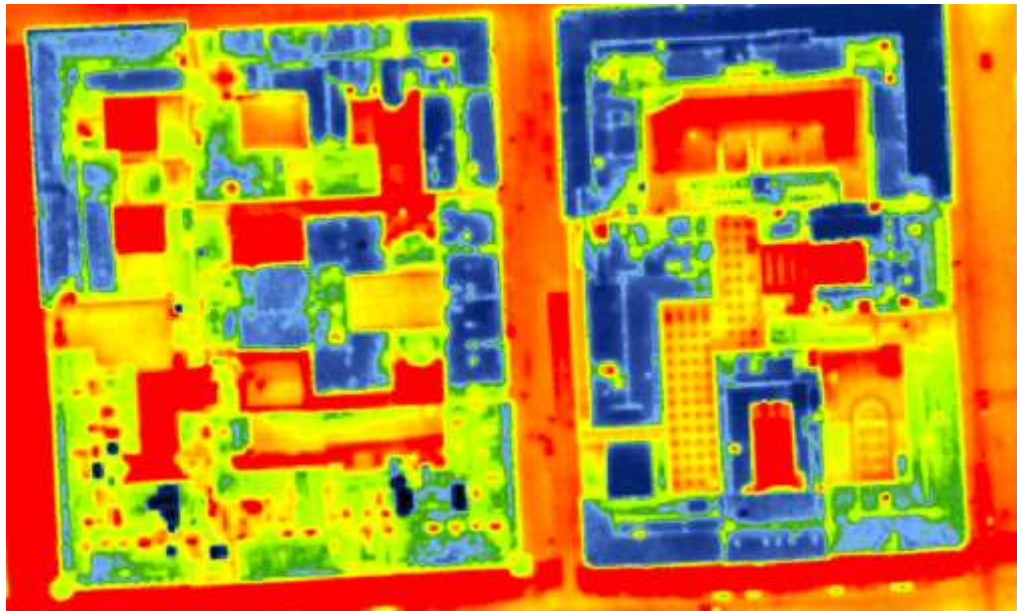




# Open climate and energy data

Heat losses of rooftops

Solar potentials of rooftops





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# Smart Kalasatama



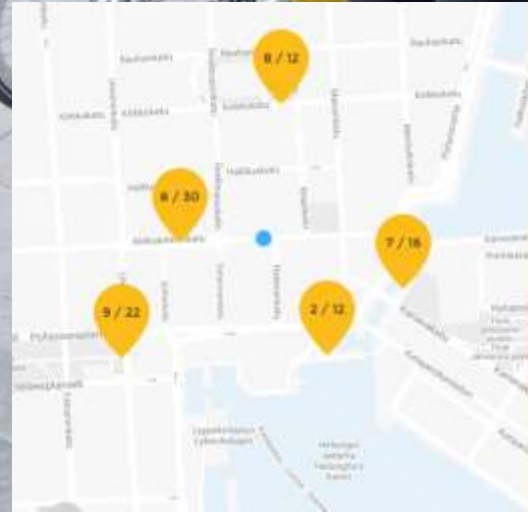


# Easy mobility by public transport





# City bikes and improvement of biking infrastructure





GENTLEMEN'S CLUB  
OPEN

THE RIFF

KAUNA  
TUNN  
LUN

SKA  
ONTO

Earth Hour





Climate Street



# CLIMATE PARTNERS





# Carbon-neutral Harakka Energy advising





Ilmastonkestävän kaupungin  
**suunnitteluopas**

Storm-water management

Green roofs





# Helsinki's Climate Network





## Next steps

- Objectives are easy to set – actual measures are what counts!
  - Measurable objectives and indicators
  - Monitoring
- Stricter targets for 2030?
- Economic incentives needed



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Thank you!

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