



Becoming climate neutral ...and smarter

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Climate Change is happening right now

More common?



Arrives earlier



Flower earlier



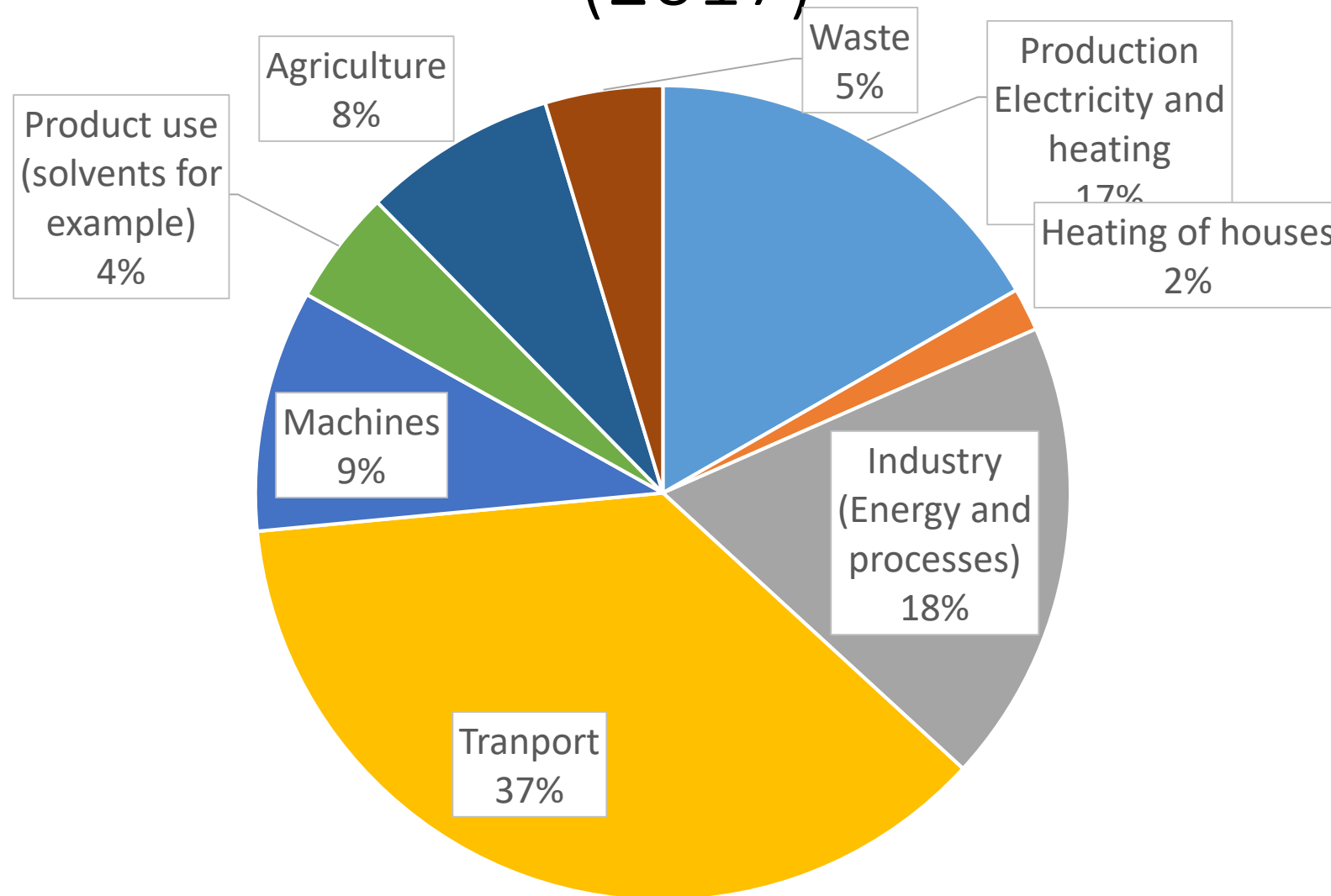
More

Fewer



HELSINGBORG

Emission sources within Helsingborg, (2017)



Helsingborg should be a role model and align with Paris Agreement



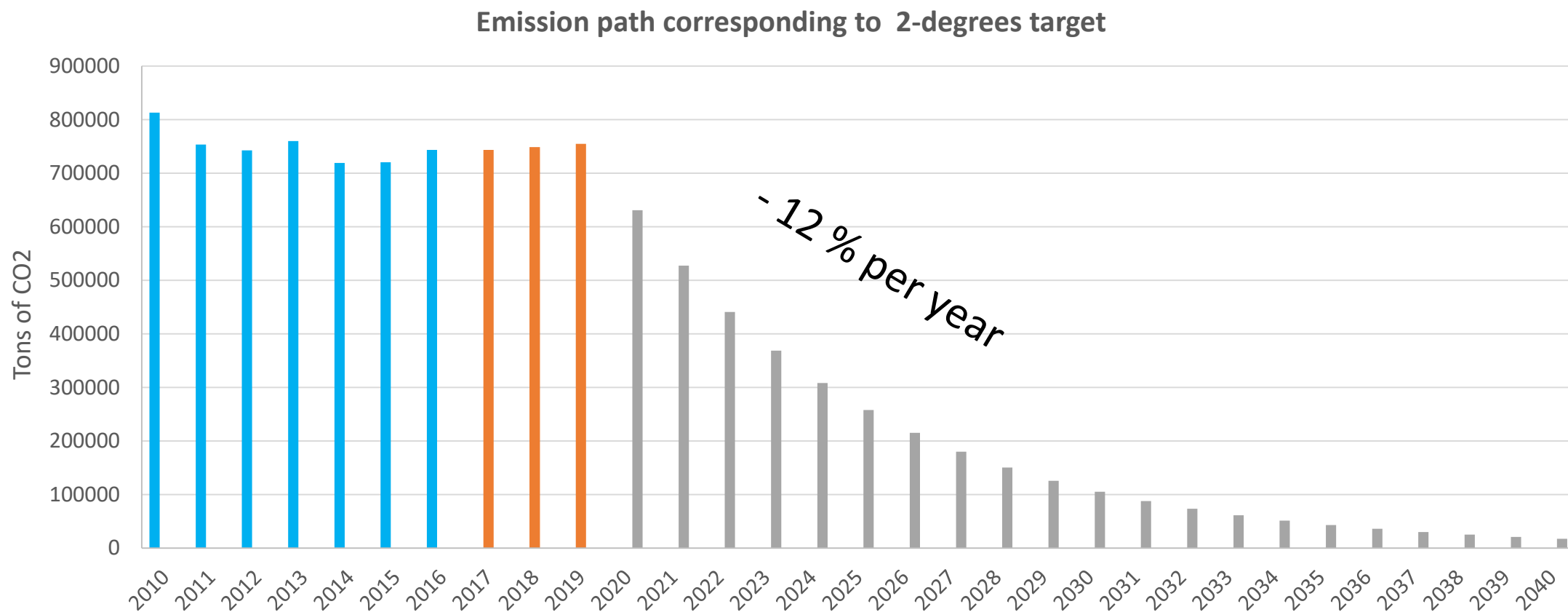
Climate and Energy plan 2018 - 2024

Climate neutrality

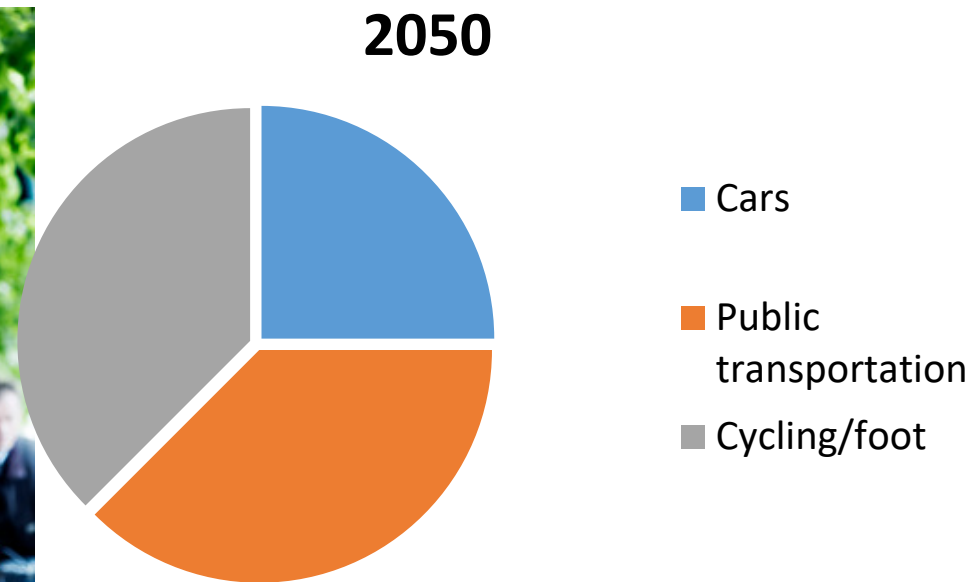
- Net zero emissions of greenhouse gases in Helsingborg 2035
- Sustainable consumption based emissions 2045
- Sustainable ecological footprint 2045



Emission path Helsingborg



Reduced emissions from road transport by 80 %



50 % reduction of emissions in food sector



No fossil plastic in the residual waste 2035



10 % of the electricity demand from
solar panels by 2035



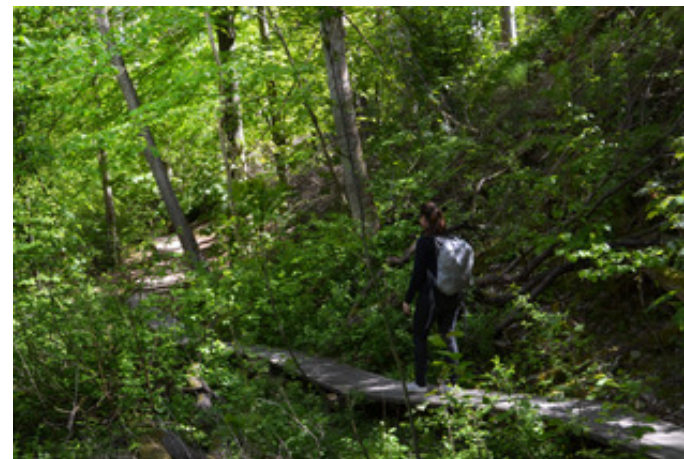
Increase the use of biogas



Sustainable financial management



Carbon sinks



The making of a Smarter city

H22 - City Expo 2022
City of Helsingborg

International city expo

We are inviting the world to join us in the making of a smarter city and to participate in our city expo 2022.





This is where an embedded H22 clip normally is played. Can be viewed on: <https://youtu.be/XmfwbW14euw>



H22

A welfare initiative for the future

Innovative solutions for urban development and welfare

Improving quality of life for our citizens

Reinventing city governance





Objective

In 2022 Helsingborg
will be one of
Europe's most
innovative cities





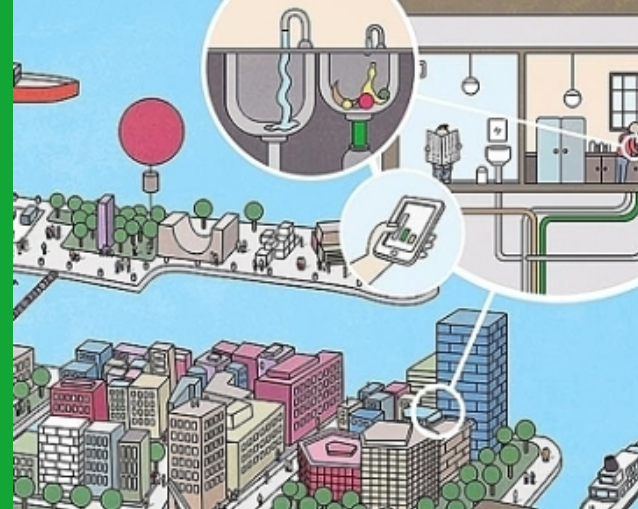
Helsingborg is **investing a quarter of a billion** (SEK) **in innovation** of smarter and more sustainable welfare- and urban solutions.

A historic investment

SEK 132 million (≈ EUR 13,5 million) for the municipality boards.

SEK 118 million (≈ EUR 11,5 million) for the city expo “H22 – A Smarter City”.

Meeting place

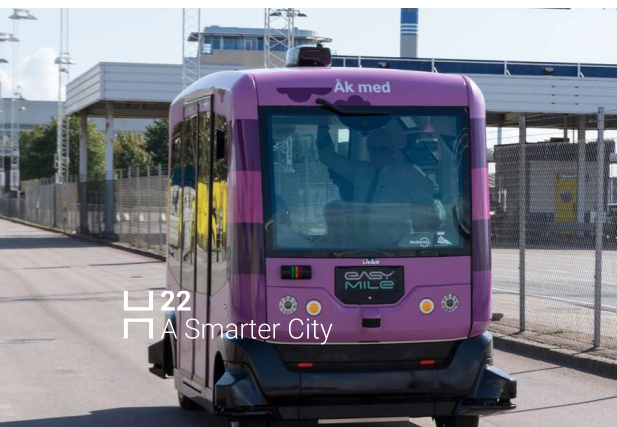


Testbed

PORT OF HELSINGBORG

Self-driving container transport in Port of Helsingborg

Self-driving car technology is advancing every day, and it's only a matter of time before fully driverless vehicles appear on the public streets. But what...



22
A Smarter City



NSR, NSVA, ÖRESUNDSKRAFT AB

Three pipes circular sewer system

A unique source separation circular sewer system for nearly 2000 people in a new central district in Helsingborg. Separating black water, grey water and...

CITY OF HELSINGBORG

LAlban – The preschool robot

LAlban is a simple AI that sits on the wall of the preschool's cloakroom. The robot can answer the children's questions about weather and...

Innovation platform

CITY OF HELSINGBORG, VINNOVA

3D printed food

Since June last year, the city of Helsingborg, along with several other project members, is part of the Vinnova-funded (Sweden's innovation agency) project "Framtidens..."

What's up now (according to myself)

- The Helsingborg Agreement 2020
 - gathering all stake holders
 - communicates that climate neutrality is impossible to reach without joint effort
 - using the momentum of climate activism
- Communicative!
- Digital?
- Smart!
- To be launched in autumn 2020?

Thank you

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Environmental Committee

City of Helsingborg

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