Helsinki’s Climate Roadmap to carbon neutral city by 2050

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Climate goals of Helsinki

- GHG total emissions -30% 1990-2020
- Increase energy efficiency by 20%/capita 2005-2020
- Increase renewable energy in production to 20% by 2020
- Carbon neutral energy production and City by 2050

![Emissions and scenarios graph]
City boulevards (Master plan 2050)

Image: 3D Render / Helsinki City planning department
Tram bridge to Kruunuvuori (2020’s)

Jokeri Tram (2020’s)

West metro line (2017)

Airport train (2015)
Towards Sustainable Construction

Case Eco-Viikki

Photo: Helsinki City planning department

Case Honkasuo

Image: Helsinki City planning department / Kaipainen Architects

Case Smart Kalasatama

Image: Helsinki City planning department
Towards carbon-neutral energy production
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Energy renaissance of suburbs
Retrofitting potentials
Climate steering group

Climate network of experts
Energy advising in Kontula suburb (housing associations)

Climate info (inhabitants and SME’s)

Carbon-neutral Harakka Energy advising (Schoolchildren and inhabitants)
Climate Street Platform for Smart solutions
Heat loss and solar potential

[kartta.hsy.fi](http://ilmastokatu.fi/helsingin-ilmastokatu/)
From smart pilots to common practises
Financing energy renovation

Kokonaissäästö 34 172 €

Laitteiston SCOP 3.66

Image: Enermix Oy
Financing energy renovation

Image: Tengbom Eriksson Arkkitehdit Oy/City of Helsinki mediabank
Thank you!

More info at [www.stadinilmasto.fi/en/](http://www.stadinilmasto.fi/en/) or petteri.huuska@hel.fi.