



# HINKU – Towards Carbon Neutral Municipalities in Finland

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3.6. Climate Change Conference, Finland

# The forerunners work to curb their greenhouse gas emissions ahead of schedule

## **GHG -80% 2030**



# Municipalities, businesses, citizens and experts devise solutions that reduce emissions and improve local welfare

HINKU was initiated in 2008 by businessmen and  
Finnish Environment Institute (SYKE)  
“Let’s surprise the society”

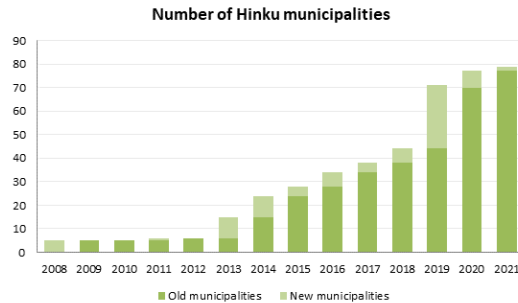


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# Large and growing group of municipalities ... and regions

- ▶ 2008
  - ▶ 5 small municipalities
  - ▶ 36 000 inhabitants
- ▶ 2021
  - ▶ 79 municipalities
  - ▶ 2 158 147 inhabitants
  - ▶ 5 HINKU regions
  - ▶ and more are coming...



# HINKU NETWORK

Hinku municipalities, SYKE,  
partners, expert & financing organisations

Company partners



**IMPROVED LOCAL WELFARE & BUSINESS LIFE**

SPREADING GOOD PRACTICES      TO OTHER MUNICIPALITIES



# Criteria required for joining HINKU

- ▶ Commitment from municipal government
- ▶ GHG emissions -80 % from 2007 levels by 2030
- ▶ GHG emission aspects in all major decision making
- ▶ Joining the energy efficiency agreement
- ▶ HINKU contact person
- ▶ HINKU working group
- ▶ Annual plan for mitigation measures
- ▶ Communication to citizens, companies, NGOs ...



# HINKU NETWORK ACTIVITIES



## ► Management group

- Decides changes in rules, annual focus areas ...
- Members: HINKU municipalities, Association of Finnish Local and Regional Authorities, key Ministries, Motiva, Energy authority, SYKE (act as a secretary)

## ► Key benefits of HINKU memberships

- Networking and biannual meetings
- Help with preparing new projects
- Knowledge and support for concrete mitigation measures
- GHG emissions calculations (SYKE produces)
- Newsletters and communication support



Lots of media visibility

- **Life IP Project -Canemure** (2019-2024) offers a so-called expert platform (SYKE as a coordinator, LUKE, FMI, TU) that can produce information, tools and services on climate change mitigation measures, and support for emission reduction road maps, scenarios, R&D studies ...

# HUNKU IN PRACTICE

- ▶ Planning and implementation with stakeholders
- ▶ Activating different actors
- ▶ Funding & practical work through projects
  
- ▶ Joint procurements (e.g. solar panels)
- ▶ Use of tools for decision makings (e.g. climatediet.fi)
- ▶ Spreading good practices ([www.energialoikka.fi/en](http://www.energialoikka.fi/en))
- ▶ Solution cards - concrete examples of low carbon investments & tech
- ▶ Hinku award



**ACTION:** Porvoo Parish Awarded for Changing Heat Source from Oil to Geothermal. Saving Up To 30 000 Litres of Oil

**LOCATION:** Porvoo Cathedral  
Porvoo

<b>IMPLEMENTATION:</b> 2018	<b>INVESTMENT:</b> 350 000 €
<b>OPERATIVE:</b> 20 years	<b>PAYBACK PERIOD:</b> 10 years
<b>INTERNAL RATE OF RETURN:</b> 8 %	<b>SAVINGS PER YEAR:</b> 35 000 €

**REDUCED EMISSIONS:**  
83 000 kg CO<sub>2</sub>e / year

**#ENERGIALOIKKA**

**EconomisE** 



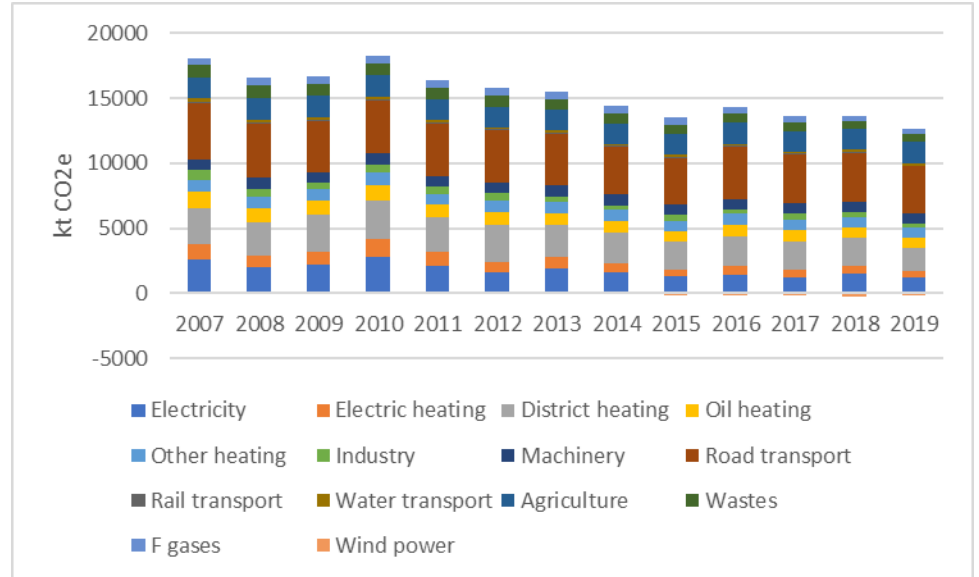
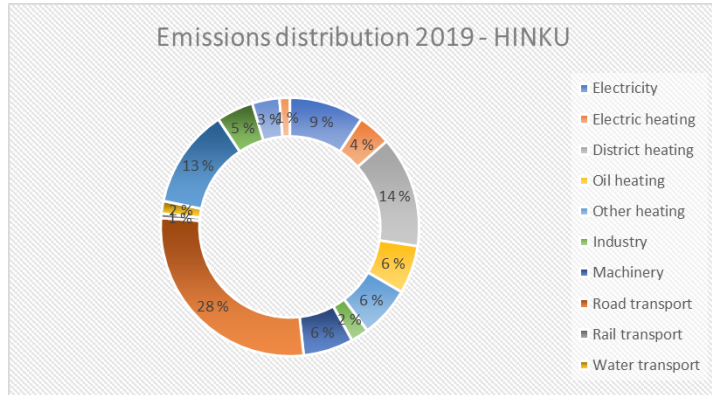
[More information](#)



# Good results – emissions are decreasing

► - 31% from 2007 to 2019

- Incl. 79 municipalities
- GHG emissions calculations (Scope 1 and 2, excl. ETS industry)



Calculations and graphs:  
SYKE

# Thank you for your attention

<https://www.hiilineutraalisuomi.fi/en-US/Hinku>

