



**TURKU**

**Zero Carbon City International Forum 17-18 March 2021**

**PANEL 2: Integrated management of regional energy and resources - Promotion of local production and local consumption**

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# Objective

An aerial photograph of a city at sunset. A river flows through the center, with buildings and trees on either bank. The sky is a mix of orange, yellow, and blue. In the background, a prominent church spire is visible against the sky. The overall mood is serene and urban.

**Turku will be  
carbon-neutral by  
2029 and resource-  
wise by 2040**

Turku City Strategy

**Sustainable  
use of  
natural  
Resources  
(2040)**

**No  
Waste  
(2040)**

**No  
Emissions  
(net zero 2029)**

# In 2020, Turku was selected as the best mid-sized climate city in Europe

The European Commission made the choice based on information in the Covenant of Mayors system.

*CITY OF TURKU IS A WINNER OF THE*

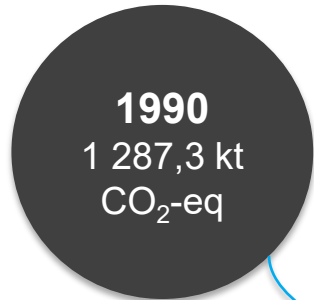


As part of the European Covenant of Mayors movement, our city is taking climate and energy action to secure a better future for us all.



# Turku on schedule to become Climate-positive by 2029

Our baseline



Now we are here!



*48% reduction*

**Turku Climate Plan 2029**  
City Council 11 Jun 2018 § 142

## Our timeline:

2019 – 35%

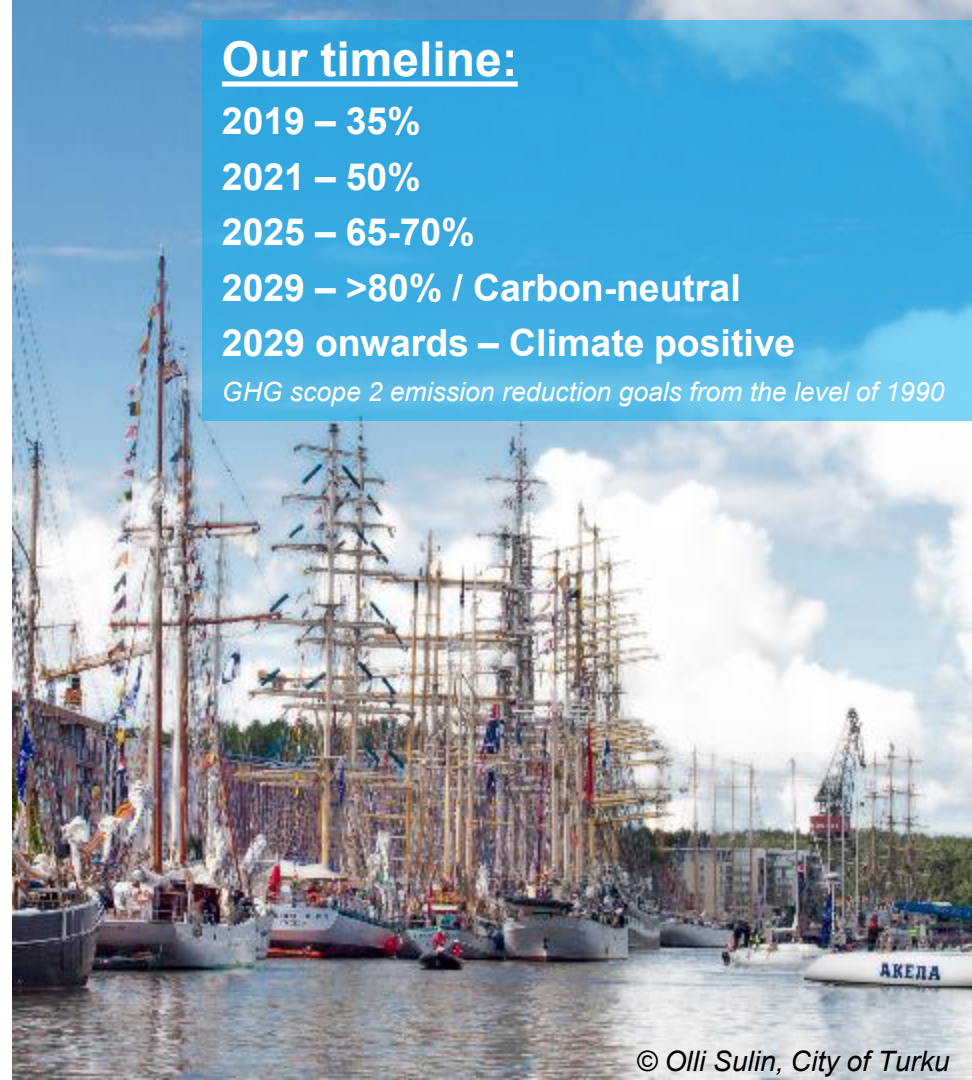
2021 – 50%

2025 – 65-70%

2029 – >80% / Carbon-neutral

2029 onwards – Climate positive

*GHG scope 2 emission reduction goals from the level of 1990*



# Turku is changing the climate for the better

and helping us  
all do the same

Sustainable  
mobility

Mitigation and  
adaptation

Circular  
economy  
and  
resource  
wisdom

Sustainable  
urban  
structure

Strengthening  
carbon sinks

1.5-degree  
lifestyle

City  
organisation's  
climate  
responsibility

Carbon-  
neutral  
energy  
system

Nature-based  
solutions and  
biodiversity

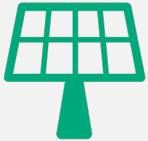
Ways of  
achieving  
carbon  
neutrality  
in 2029.

# Turku is an **international pioneer in sustainable development and circular economy**



1

**Material  
circulation**



2

**New clean energy  
sources**



3

**Strengthening  
carbon sinks**

**Circular economy  
can reduce  
emissions  
effectively and  
generate new  
business.**

Turku, ICLEI and their partners are preparing a regional road map to accelerate the transition to circular economy.

Further information:

<https://www.turku.fi/en/carbon-neutral-turku/circular-turku>

# Smart Green Growth in Integrated Waste Water and Energy Production



Sludge



- Biogas \$
- Heating \$
- Cooling \$
- Biomaterials \$



**For all steps there is an economically sound solution.**

**Increasing local energy production based on renewables.**

# The Boldest city in Finland.