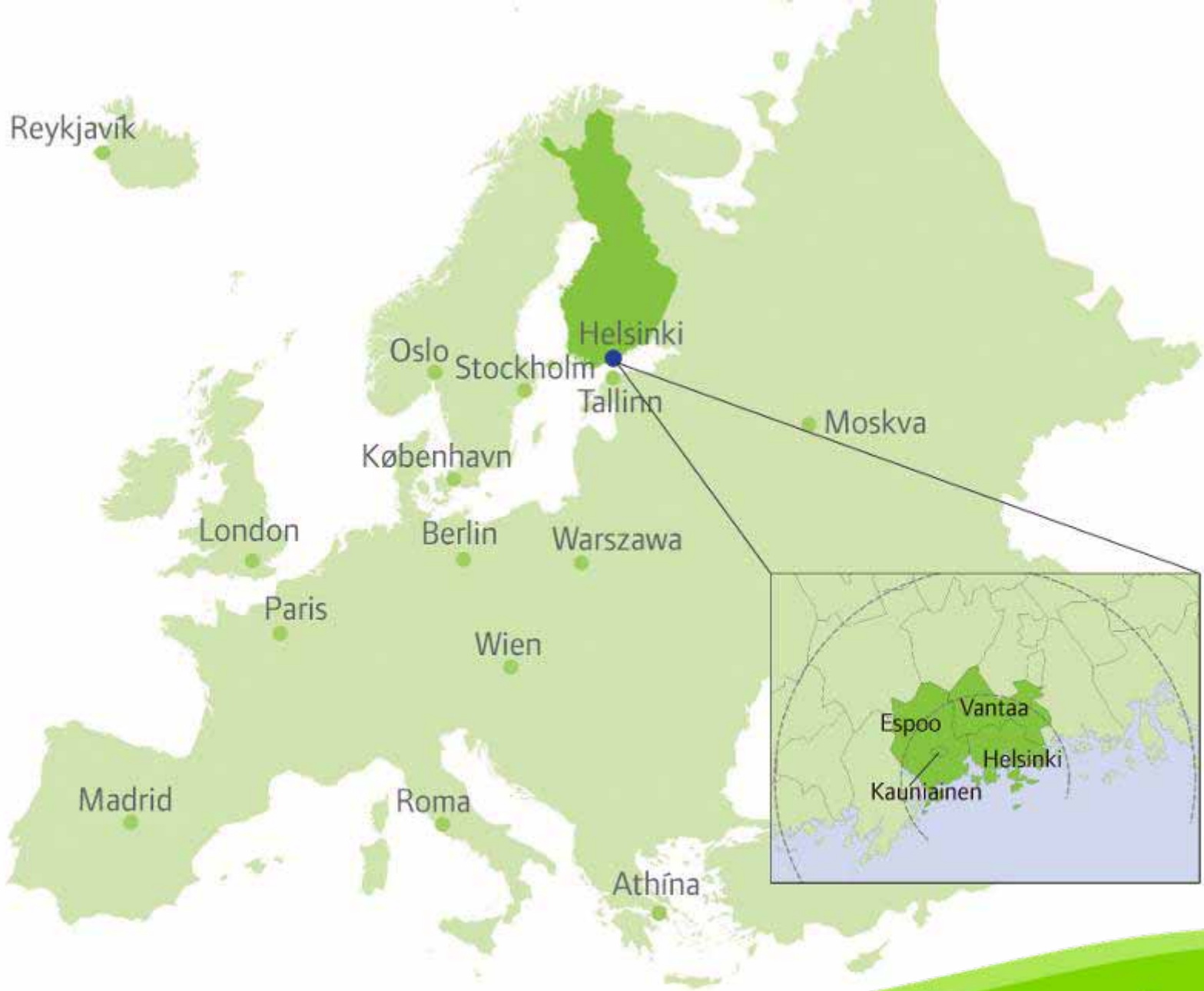




Climate Strategy for the Helsinki Metropolitan Area

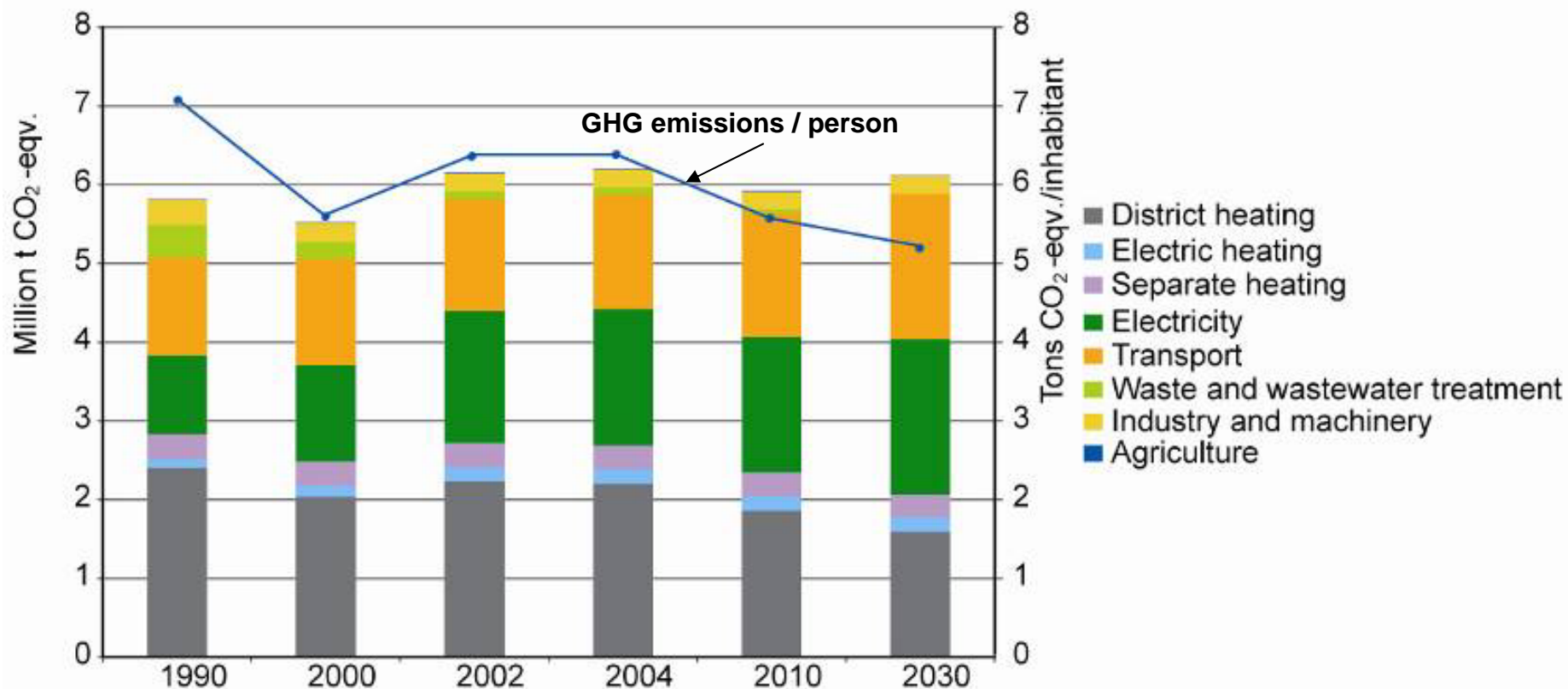


European Union targets are challenging



Global atmospheric warming not to exceed 2°C

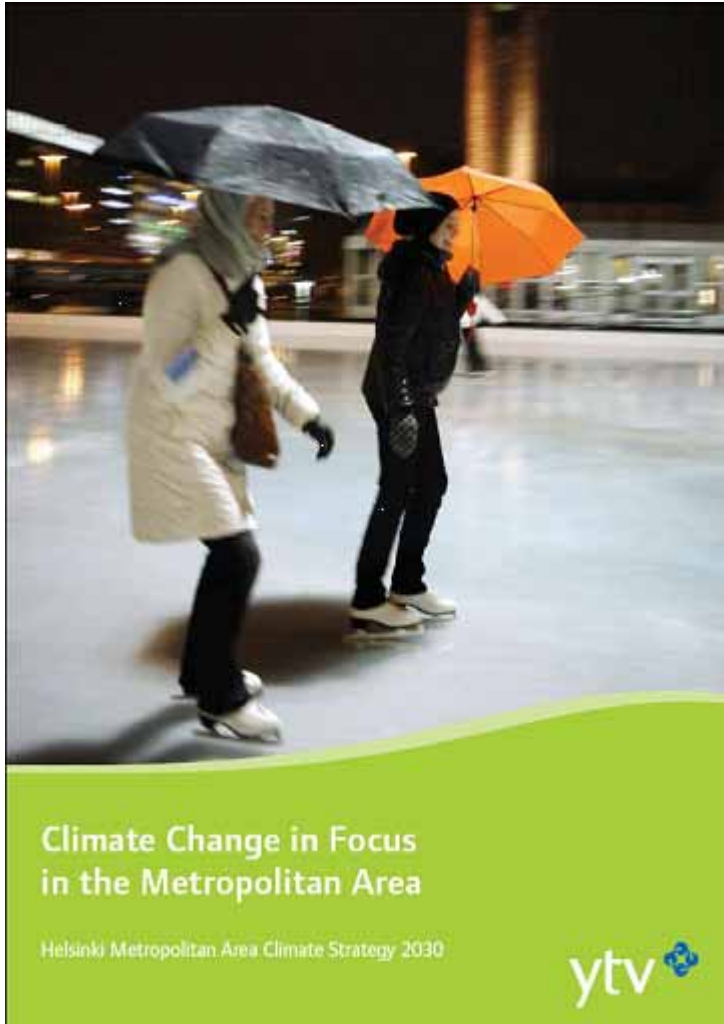
Consumption-based greenhouse gas emissions in the Helsinki Metropolitan Area



The main sources of emissions are:

Heating 43%, electricity consumption **28%** and traffic **23%**

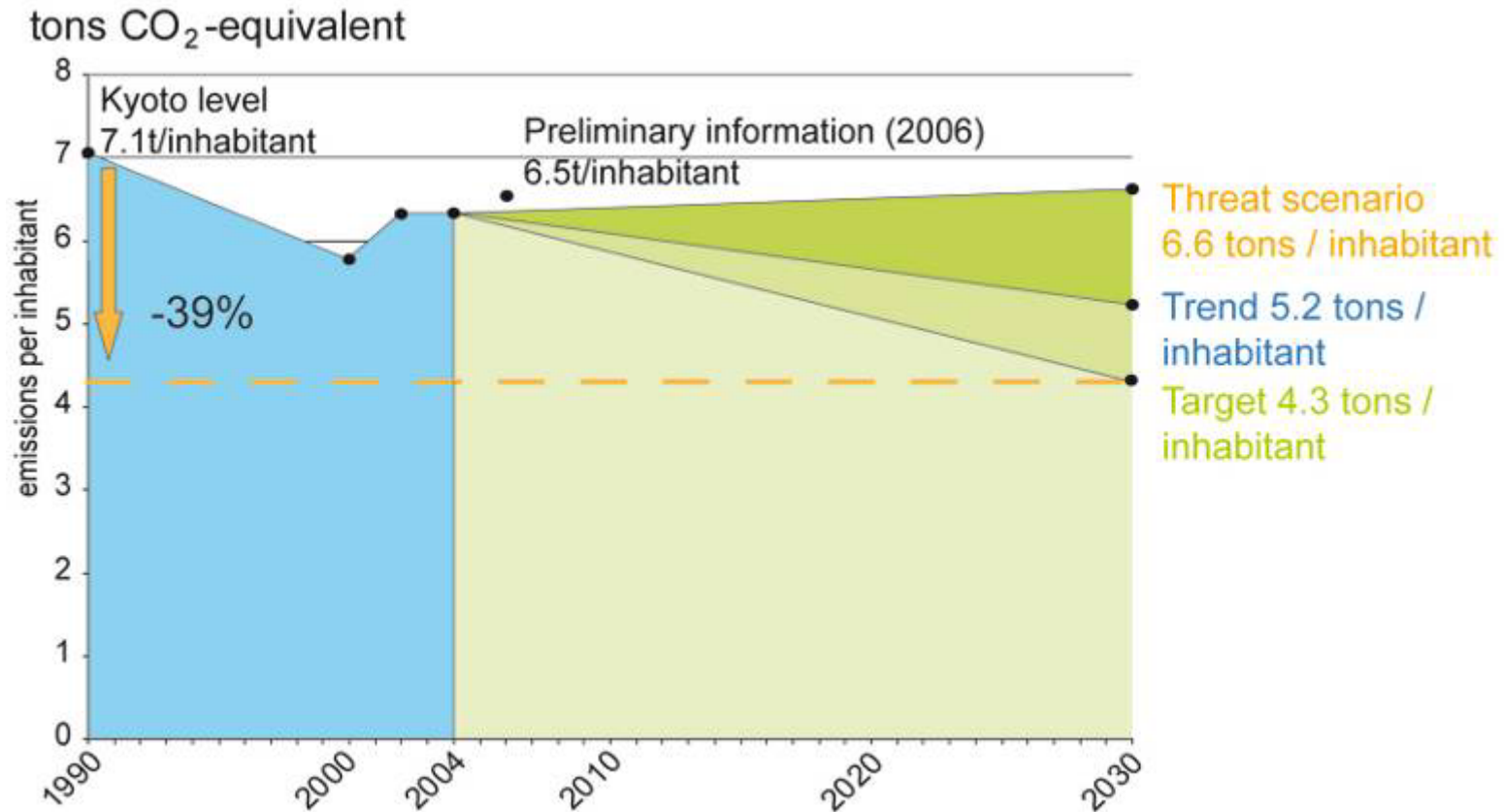
Climate Strategy for the Helsinki Metropolitan Area



Focus of the strategy work:

- **Sectors generating the greatest amount of GHG emissions**
- **Measures within the cities' own authority or control**
- **Focus on reducing energy consumption**

Trends in greenhouse gas emissions in the Helsinki Metropolitan Area

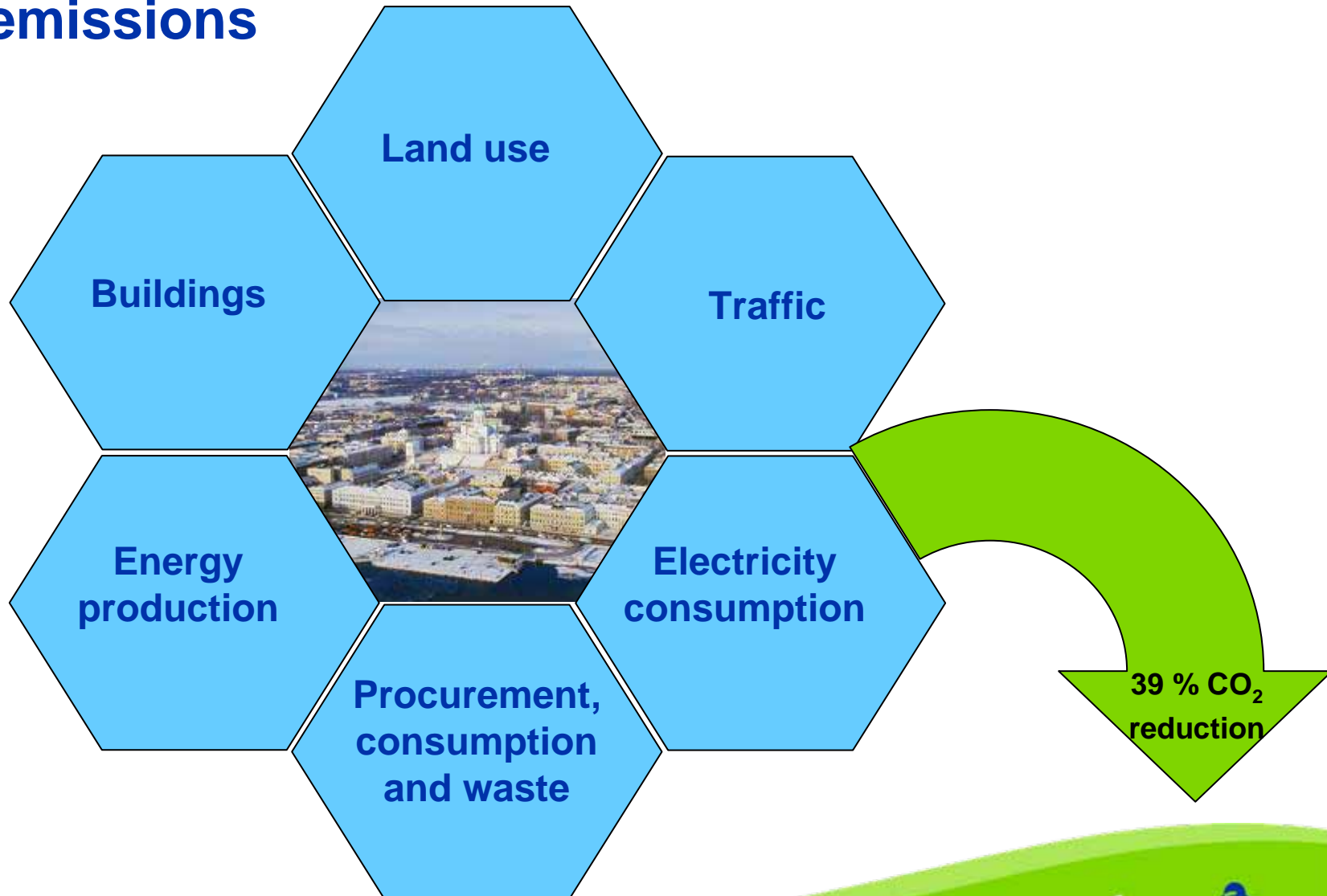


The climate vision for the Helsinki Metropolitan Area

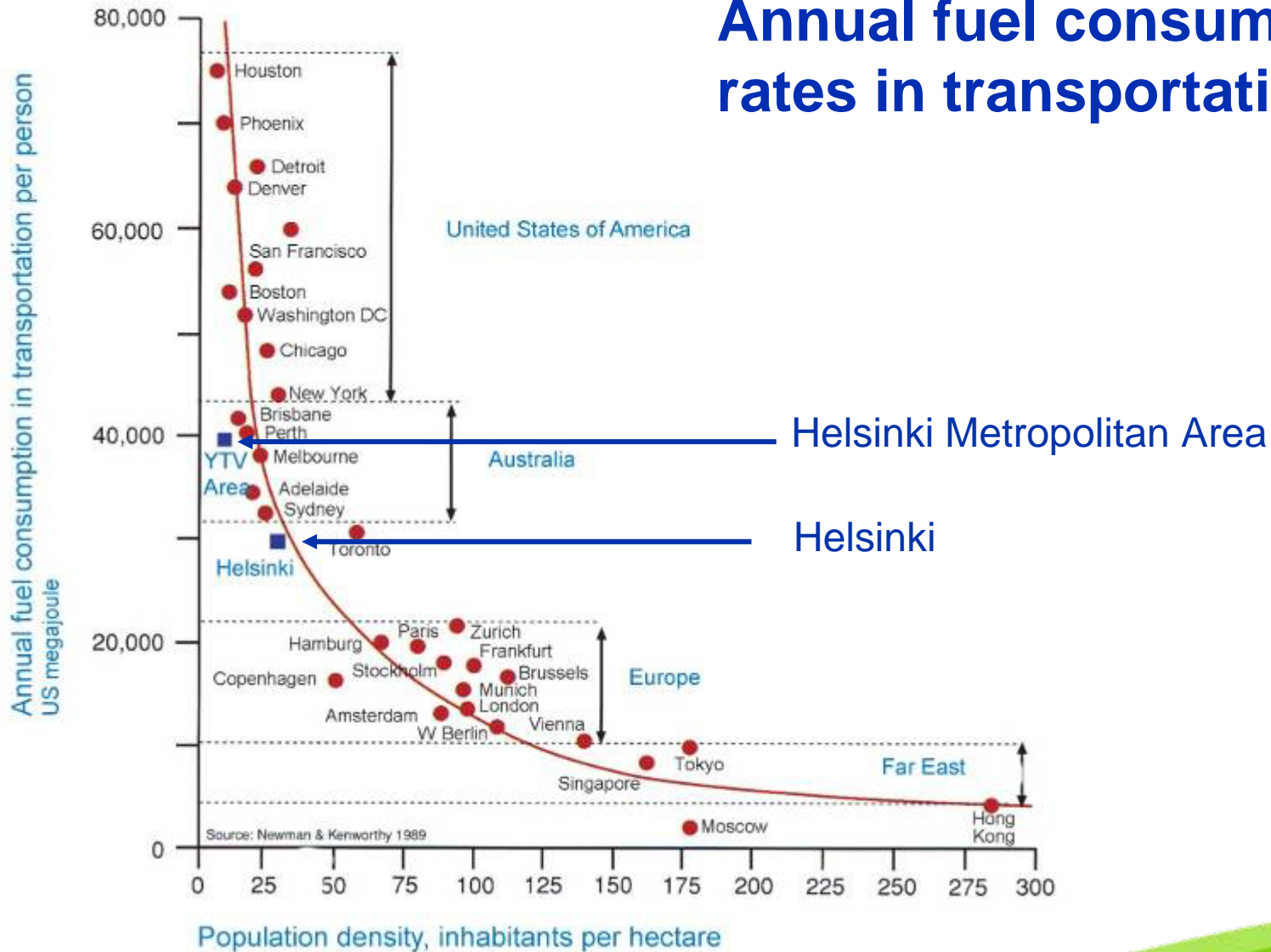
Improved energy efficiency and the economical use of natural resources will lead to reduced greenhouse gas emissions and enhanced competitiveness in the region.



Actions that have the greatest impact on greenhouse gas emissions

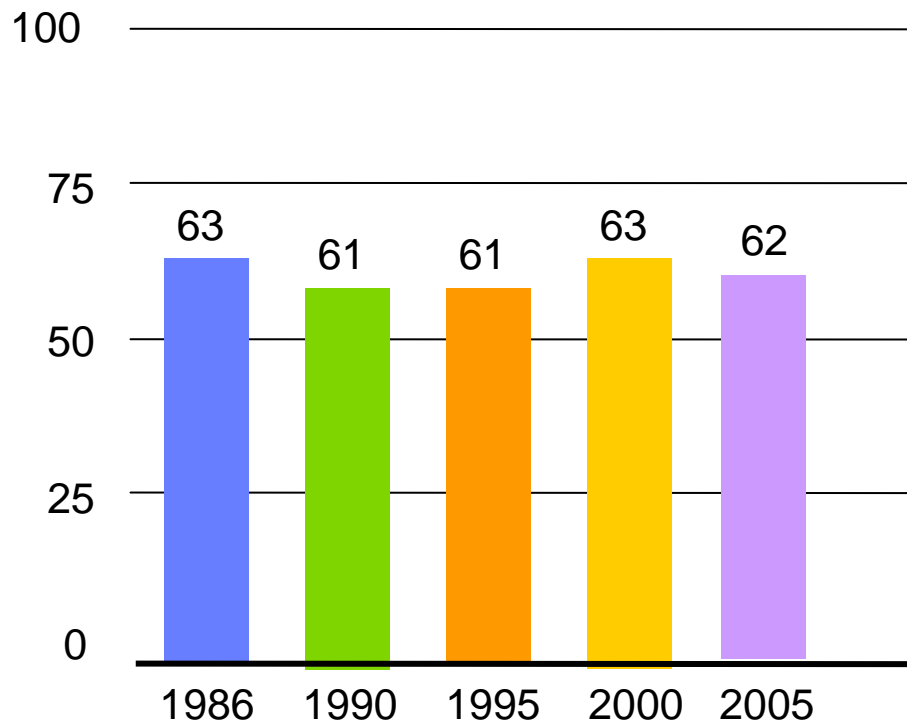


Annual fuel consumption rates in transportation

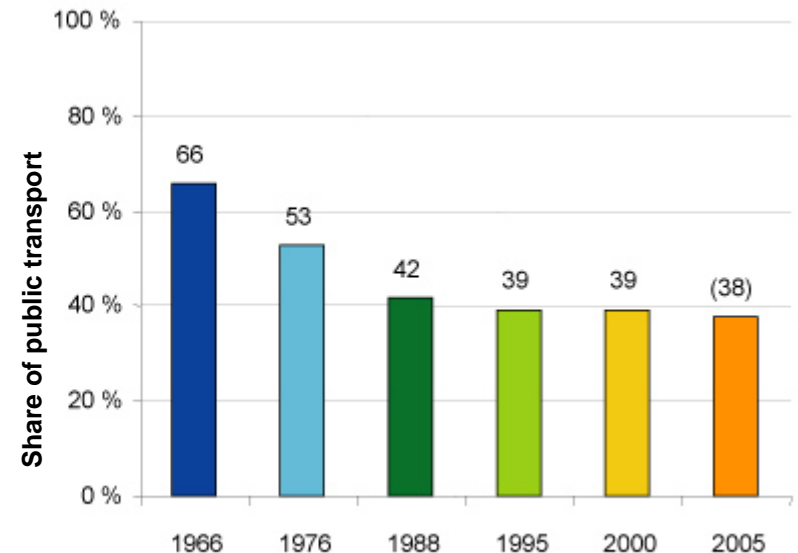
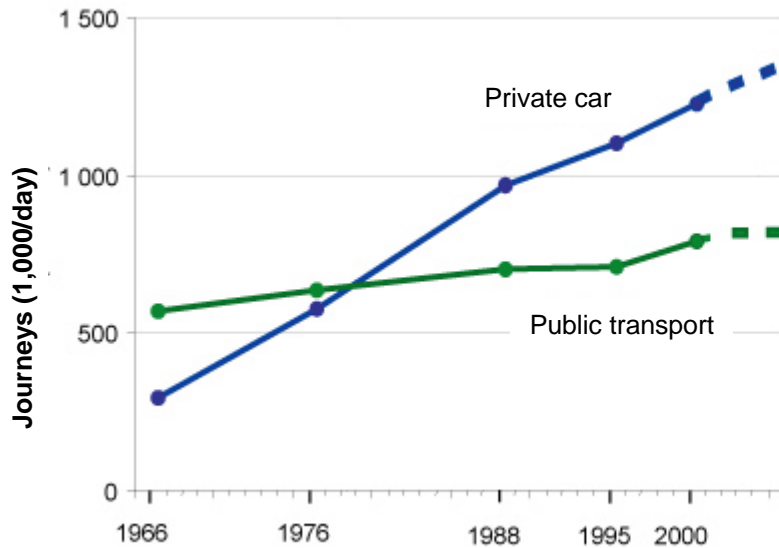


Source: Towards an Urban Renaissance, Urban Task Force 1999 and YTV

Share of public transport in journeys made in the centre of Helsinki



Public transport market share has to be increased

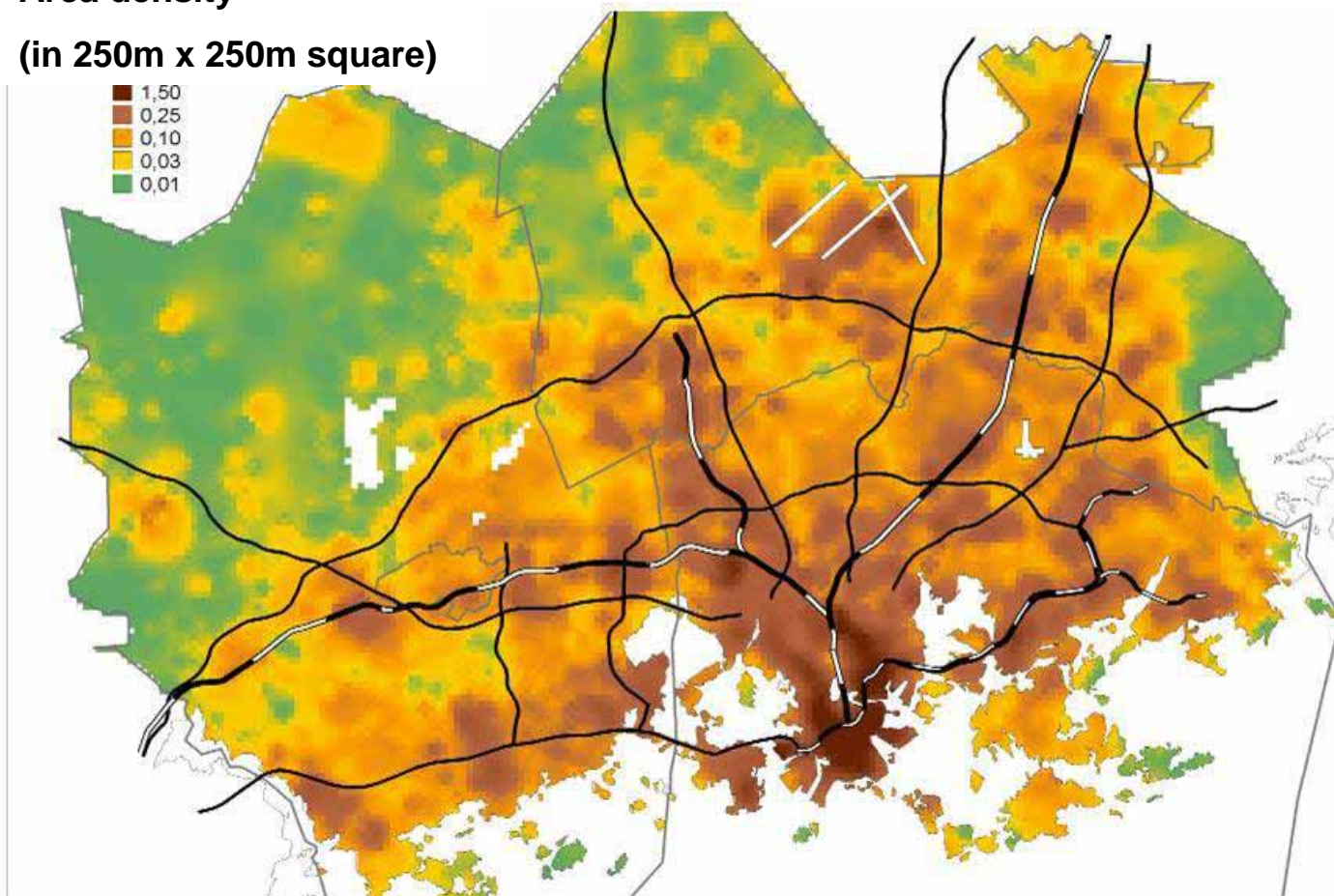


A 1 % increase in the modal share of public transport reduces traffic-related greenhouse gas emissions by approximately 0.6 %

Urban sprawl in the Helsinki Metropolitan Area (YTV)

Area density

(in 250m x 250m square)



Traffic

Improving the status and service level of public transport, walking and cycling

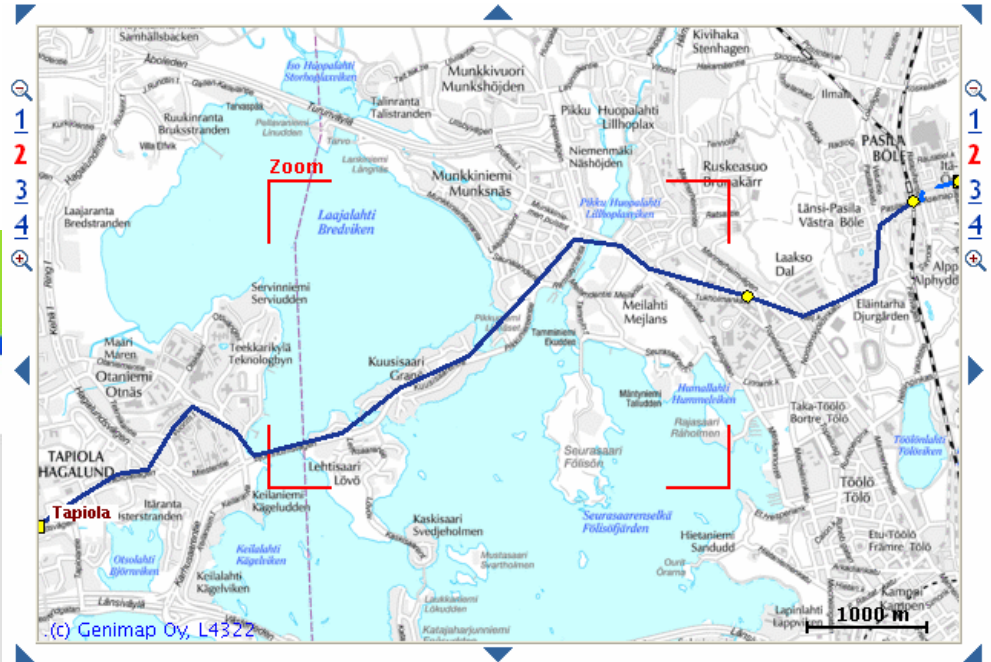
- **Traffic pricing to encourage use of public transport**
- **Defining and establishing low-emission standards as procurement criteria**
- **Removal of parking fees for low-emission vehicles and offering other benefits for low-emission vehicles**
- **Giving up the free parking spaces for city employees**

YTV Journey Planner



Frontpage > Transport > Journey Planner [New search](#)

From [Change](#) [Save location](#)
To [Change](#) [Save location](#)
Time : Departure Arrival
Date / /



suggestions: Opastinsilta 6 - Tapiola Tuesday 22.04.2008

NOTICE! The search results are based on estimated travel times. We can not guarantee that the suggested connections will always be successful.

[↑ Earlier](#) [↓ Later](#) [Now](#) [Save connection](#) [Return connection](#)

Show	Start	From stop	Arrival	Total time	Total walking	Vehicles used	Map
<input checked="" type="checkbox"/>	16:17	16:24	16:53	35 min	0.8 km	- E - 550 -	Show route
<input checked="" type="checkbox"/>	16:24	16:31	17:02	37 min	0.5 km	- 58 - 195 -	Show route
<input checked="" type="checkbox"/>	16:31	16:38	17:08	36 min	0.8 km	- Y - 550 -	Show route

[SHOW SELECTED ROUTES](#)



YTV Journey Planner for cycling

[Suomeksi](#) | [Svenska](#)

[Feedback](#) | [Instructions](#) | [FAQ](#)



Journey Planner for Cycling

[Frontpage](#) > [Traffic](#) > [Journey Planner for Cycling](#)

[Print route](#) | [Print view](#)

From (e.g. Kaivokatu 2)
YTV
YTV service point, Helsinki
To (e.g. Pasila)
Kellalahdentie 4, Espoo
 Prefer cycle paths
SEARCH

Search result

From: YTV service point, Helsinki
To: Kellalahdentie 4, Espoo
Length: 8,6 km
Speed: km/h
Duration: 30 min
Route: Itä-Pasila
Keski-Pasila
Länsi-Pasila
Ruskeasuo
Laakso
Meilahdi
Vanha Munkkiniemi
Kuusaari
Lehtisaari
Otaniemi

Points of Interest

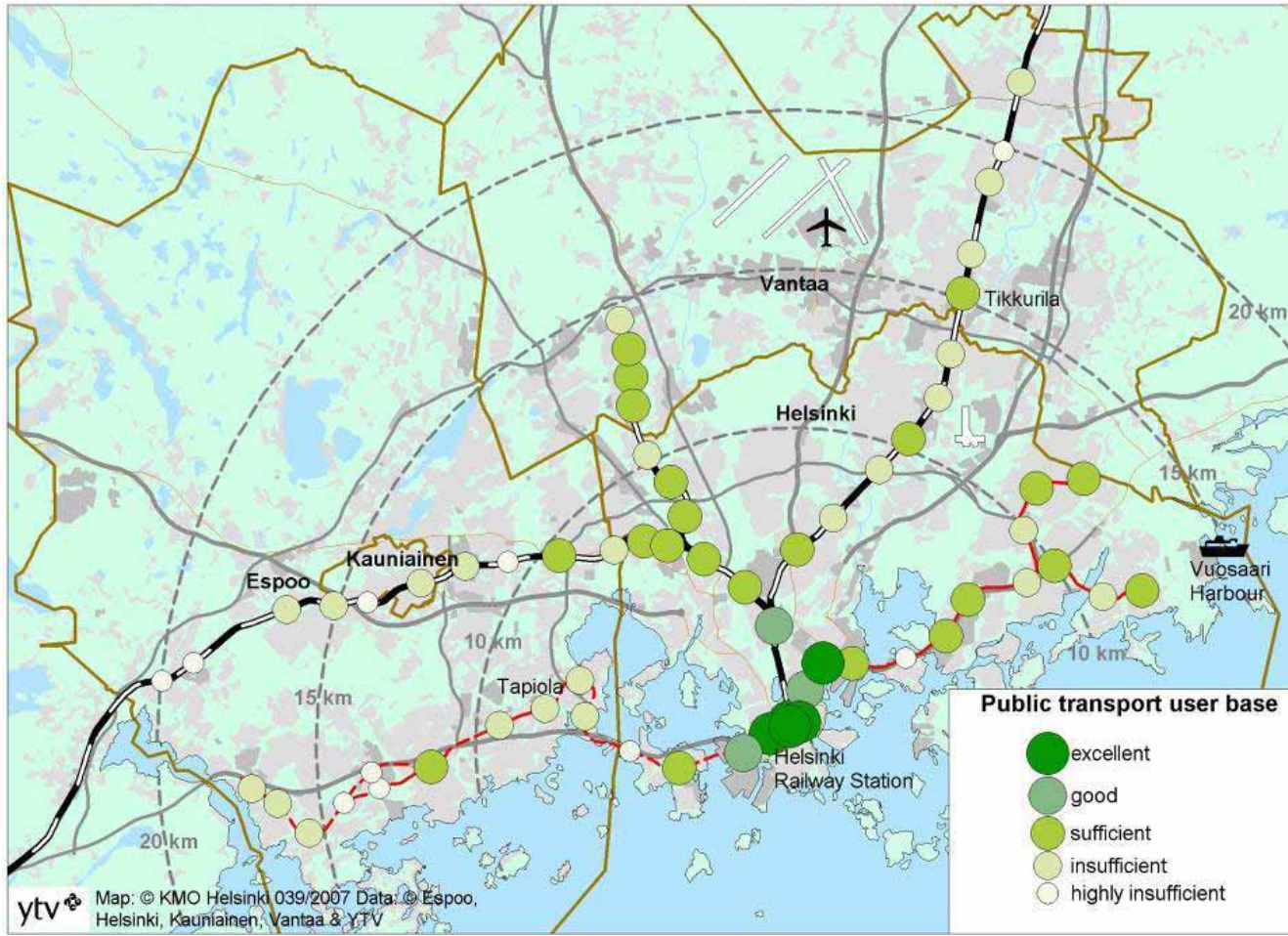
City Bikes



= Cycle path (tarmac) = Cycle path (sand) = Cycle path = Street [Key to Symbols](#)



Jobs and inhabitants per square kilometre (within a radius of one km from a railway / metro station)



Public procurements

Material and energy efficiency and low-emission standards are promoted in city procurement

Common procurement instructions for cities

The value of all procurements in the cities of the Helsinki Metropolitan Region in 2005:

All together

\$ 4.1 billion

Possible Top 10 measures

Assessing the impacts of the measures stated in the draft climate strategy

- Reducing energy consumption and GHG emissions in the metropolitan area municipalities
- Procurement procedure
- Replacing coal with recovered fuel and eco-electricity
- Promoting energy efficiency at all levels
- Rail traffic and biofuels
- Heating systems for single-family houses
- Information measures
- Motivation measures
- Life cycle approach and low-energy housing areas
- Monitoring and compiling statistics

Question of will

- **Including the Climate Change Strategy in cities' own strategies, programs and management systems**
- **Creating a joint will of different administrative lines in order to reduce CO₂ -emissions and develop co-operation between the cities of the region**

**More information:
www.ytv.fi/climatechange**

