

DATA PROFILE: Helsinki Region, Finland



Population, Helsinki Region, 2008	1,020,000 ¹
Population, City of Helsinki, 2010	589,000 ¹
Jobs, City of Helsinki, 2010	408,000 ²
Unemployment Rate, City of Helsinki, 2010	8% ²
Metro GDP, 2008	48,675 € /Capita ²

¹ Source: Population Register Centre
² Source: City of Helsinki Urban Facts Department

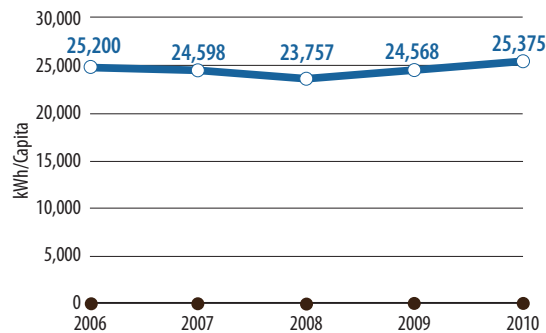
ENERGY

Governance

The City of Helsinki owns the only energy company in Helsinki, Helsingin Energia. It provides electricity, heating and cooling.

Energy Use per Capita

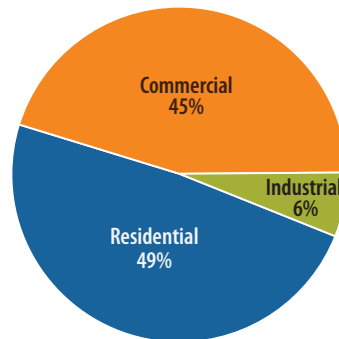
Energy Use per Capita, City of Helsinki (2006 – 2010)



Source: Helsingin Energia (Energy Company owned by the City of Helsinki)

Energy Use by Sector

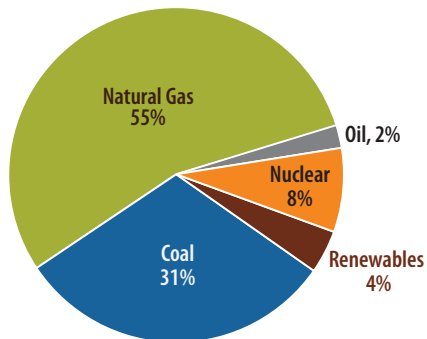
Energy Use by Sector, City of Helsinki (2010)



Source: Helsingin Energia (Energy Company owned by the City of Helsinki)

Energy Use by Source

Energy Use by Source, City of Helsinki



Source: Helsingin Energia (Energy Company owned by the City of Helsinki)

Energy Pricing

Electricity	12.84 c/kWh
Heat	46.1 €/MWh

Source: Helsingin Energia (Energy Company owned by the City of Helsinki)

Greenhouse Gas Emissions

CITY OF HELSINKI, 2010

Total	3.2 million tons CO ₂ -equivalent	(Target: 20% below 1990 levels)
per Capita	5.5 tons CO ₂ -equivalent	(Target: 4.3 tons by 2030)

Source: Helsinki Region Environmental Services Authority

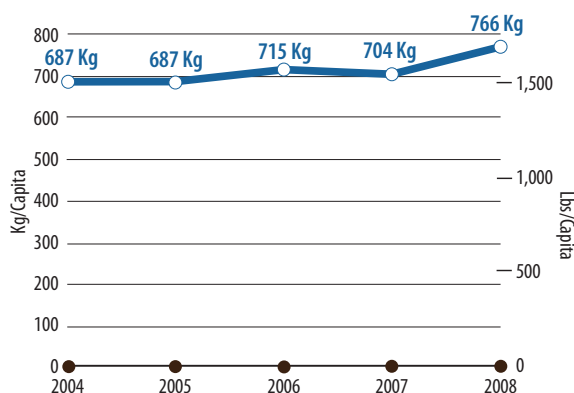
WASTE

Governance

HSY Waste Management is owned by the cities of Helsinki, Espoo, Kauniainen, and Vantaa and organizes the waste management for residential buildings and the properties of the public administration throughout the metropolitan area. It is responsible for the collection of recyclable materials and hazardous wastes, as well as providing the waste management regulations guiding the sorting of wastes.

Solid Waste per Capita

Annual Solid Waste per Capita, Helsinki Region (2004 – 2008)

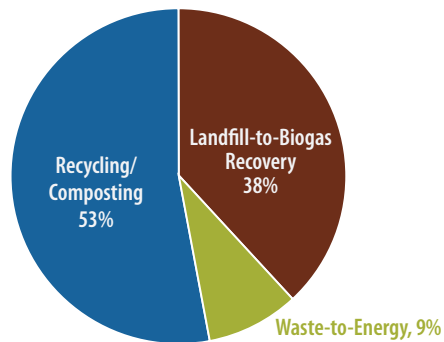


Source: Helsinki Region Environmental Services Authority

The target for the Helsinki region is to reduce per capita solid waste generation to 2007 levels of 704 kg/capita (1549 lbs) by 2020.

Solid Waste Disposal

Solid Waste Disposal, Helsinki Region (2008)



Source: Helsinki Region Environmental Services Authority

Helsinki Region's 53% recycling rate is above the national target of 50%. The region's target is to increase recycling and waste-to-energy to 90% of solid waste disposal by 2020.

Waste Management Pricing

PRICE FOR 240 LITER (63.4 GALLON) CONTAINER

Mixed Waste	6.56 €
Bio Waste	6.56 €
Waste-to-Energy	6.04 €

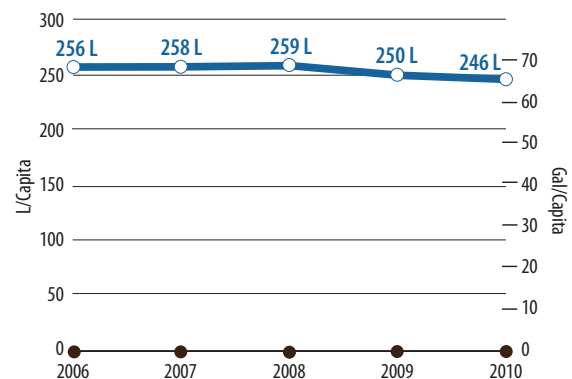
WATER

Governance

HSY Water produces drinking water at its water treatment plants in Helsinki (Pitk koski and Vanhakaupunki) and Espoo (D mman). Municipal and industrial wastewater is treated in the Viikinm ki wastewater treatment plant in Helsinki and the Suomenoja wastewater treatment plant in Espoo. HSY Water also builds and repairs the water pipe and sewer network, whose length is 7,138 km. It is owned by the cities of Helsinki, Espoo, Kauniainen and Vantaa.

Water Consumption per Capita

Daily Water Consumption per Capita, City of Helsinki (2006 – 2010)



Source: Helsinki Region Environmental Services Authority

Water Quality Targets

When Helsinki Water was still owned by the city of Helsinki (it is now part of HSY Water) the city had targets for emissions to sea:

- nitrogen emissions to sea <500 tons/year
- phosphorus emissions to sea <30 tons/year

Source: Helsinki Region Environmental Services Authority

Drinking Water Pricing

- Water Rate: (VAT 23%) 1.02 €/m³ (0.0039 €/gallon)
- Wastewater Rate: (VAT 23%) 1.44 €/m³ (0.0055 €/gallon)

Source: Helsinki Region Environmental Services Authority

The information in this data profile was compiled by the City of Helsinki with edits and modifications by the IRBC Secretariat for space and content. For any questions regarding the information provided here, please contact:

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