



The city's infrastructure has been designed and planned considering nature-based solutions that help mitigate the impacts of climate change – for example enough natural areas are left for flood drainage. Parks, trees and green areas inside the city provide ecological corridors, foster biodiversity, and protect citizens from heat waves. The city's structure provides enough space for people, businesses and nature.

Buildings are designed to be carbon sinks and producers of energy. Buildings with wood and environmentally friendly materials are preferred. All the **construction sites** are carbon-neutral and electrified operating with circular economy principals and generating no emissions nor waste.

The city centre is vivid for business and designed for pedestrian use only. Moving around the city is convenient with tram, electrified busses, walking or bicycling. The city-bike and electric scooter network covers the whole city and sharing economy in transport is common. **Air quality** is excellent as vehicles are mostly operating with locally produced biogas or electricity.

Energy production is based on distributed renewable energy sources such as wind, solar and geothermal energy and biomass solutions. **Water cycles** are operating with circular economy principles and generating no waste, instead energy is produced from wastewater. **Food production** is technologically advanced and sustainable, providing local food and plant-based innovation foods for the region and for export. Water-food-energy nexus is using the natural resources in a sustainable way.

Local businesses and industries are forming large circular economy clusters that provide new business opportunities and employment. Turku is internationally known for its climate friendly business solutions. **Local emission trade** is protecting large areas of forests as carbon sinks – and emissions that can't be offset by industries and organizations are compensated locally. These carbon sink forest areas are turned into recreational areas for citizens and serve as biodiversity spots for nature.

Sustainable development goals are a base for city's strategy and actions. Climate impacts are evaluated in all **public procurement**. Civil society, communities and businesses are in active dialogue with decision makers to develop together a climate positive and climate resilience city.