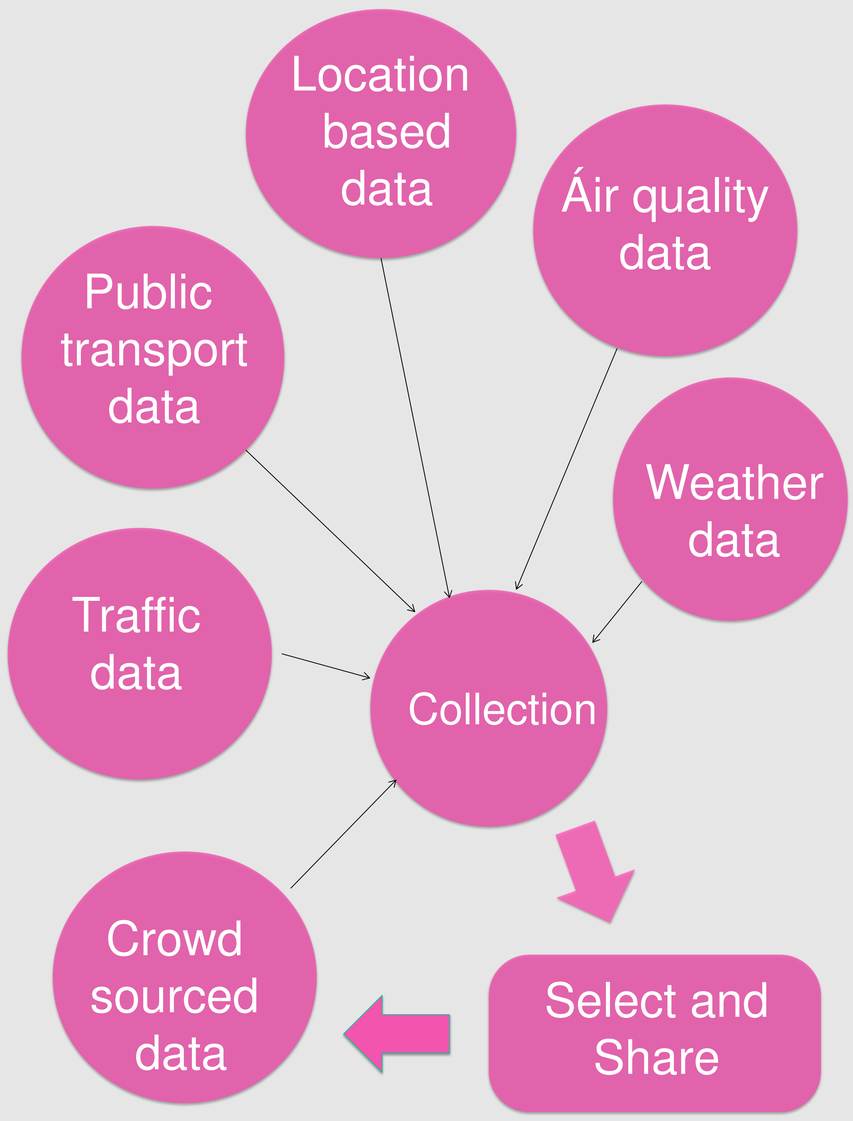
GeoSmartCity

Turku pilot: Green Energy Scenario

GeoSmartCity contributes to the Smart City implementation by establishing a cross-platform, re-usable and open hub able to publish open geographic information and to provide specialized open source services based on open standards.

The GeoSmartCity toolkit allows integration of third-party data as well as crowd-sourced data. This will be demonstrated through 11 pilot cases in two scenarios: Green-Energy and Underground scenarios



Turku:

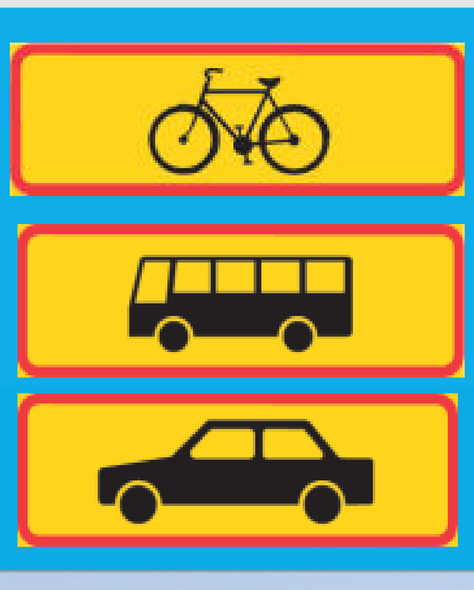
- Area: 306,36 km2
- Population ~182 200
- Population density: 742 as/km2

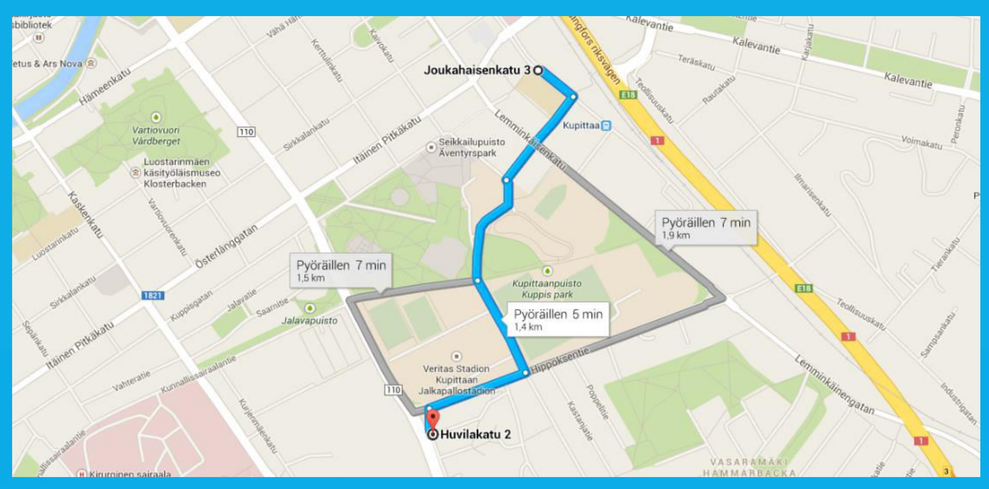
Over 300 000 citizens in the surrounding area.

Job market growth outpaces the population growth which will lead to increasing commuter traffic to and from the city proper.

Goals:

•to guide citizens to use renewable energy sources and reduce emissions in traffic
•to collect real-life information from citizens





Data sources:

•Public transportation routes
•Weather information
•Air quality information
•Emission information (cars, busses)
•Parking spaces information (for low emission and electric cars)
•Electric and hybrid bus routes and schedules

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