



TELEPAY

Travel information in the city of Turku

Pertti Heinonen
Turku City Public Transport Office

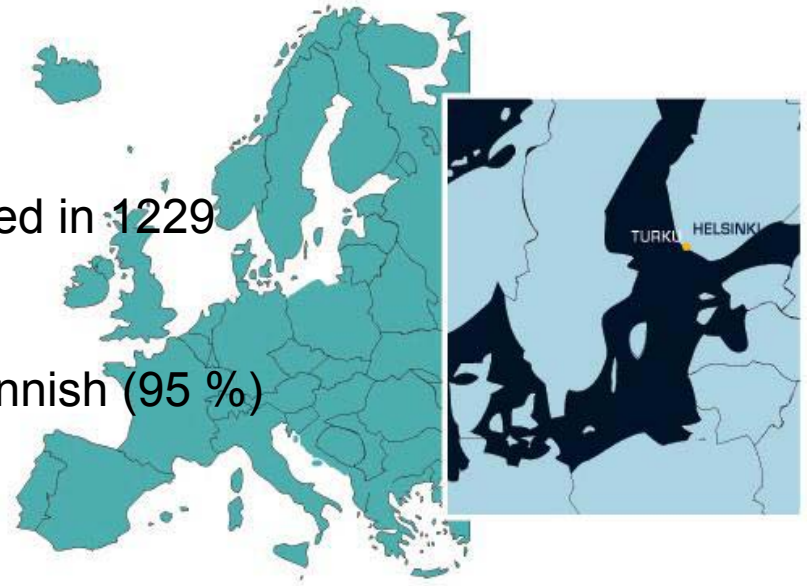




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Turku City Background

- the first capital of Finland
- situated on the south-west coast
- the oldest town in Finland, founded in 1229
- 175 000 inhabitants
- region 306.3 km²
- two official languages spoken, Finnish (95 %) and Swedish (5 %)





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History

- 1890 Horse-drawn trams taken into use
- 1908 Electric trams taken into use
- 1972 Use of trams ended, busses taken into use
- 1994 New organisation

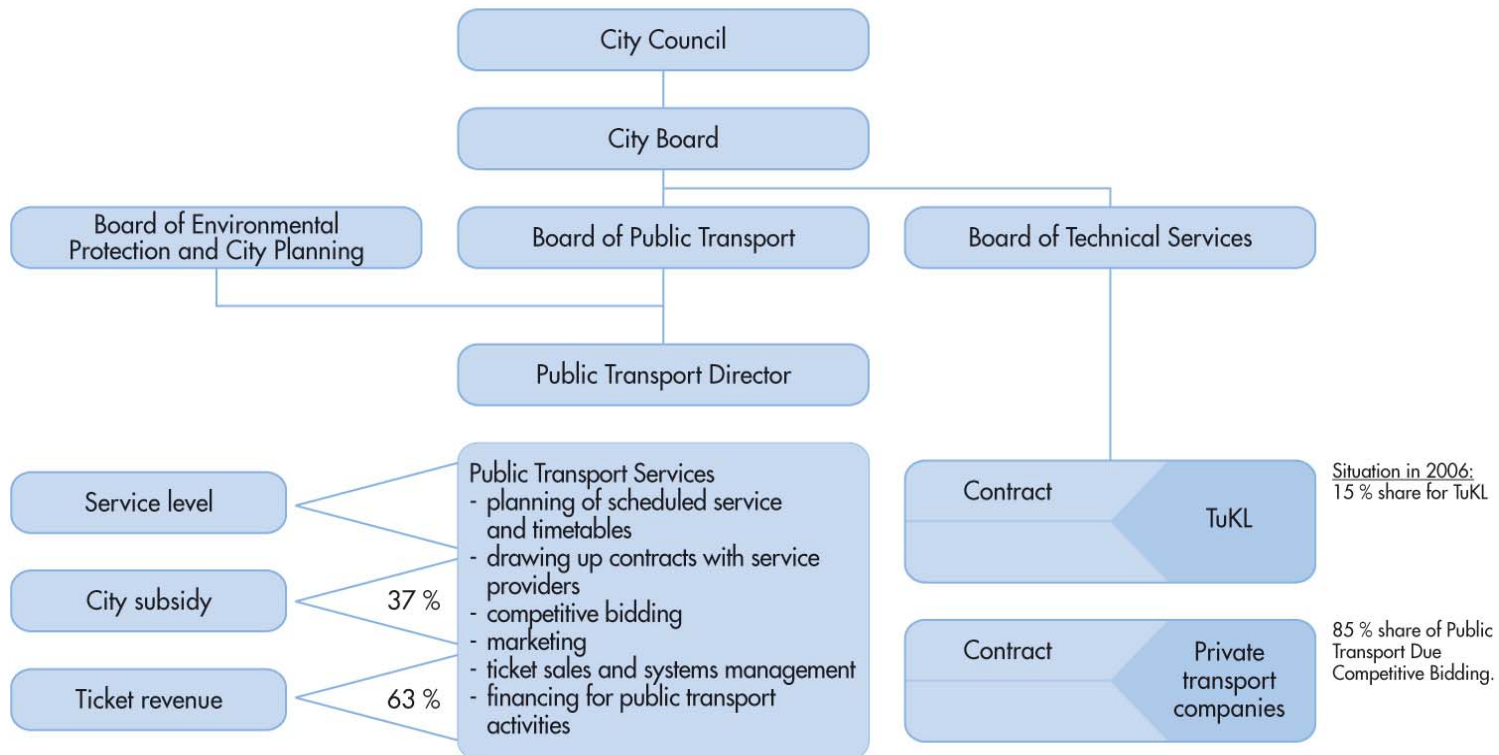




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New Organisation since 1994

Purchaser / Supplier





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Current technologies





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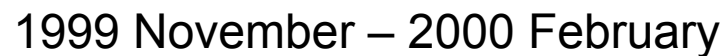
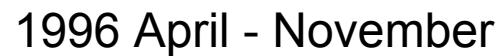
Information service

Timetables for every home





1991 December





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A 24 h travel ticket by text message



LIPPU24 VAHVISTA.
Lipun osto tulee vahvistaa.

Valinnat

Poistu

Lähetä LIPPU24
VAHVISTA tai tämä viesti
muuttumattoma
numeroon 16246. Lipun
hintaa 4,70 euroa.

Valinnat

Poistu

Bussilippu on voimassa
12:46 02.04.2003 asti
Turun sisäisessä
bussiliikenteessä.

Valinnat

Poistu





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BRAHE-passenger information system

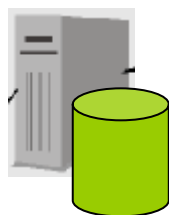
Requirements for the real time passenger information system

- It should cost less than 1/10 of the solutions taken in use in past years in Finland,
- The solution must be based on the new ticketing machines which are going to be taken in use during 2006 - 2007
- The primary media to present real time passenger information are mobile phones and internet
- Time table display to be introduced in 2007->



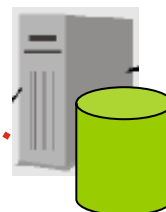
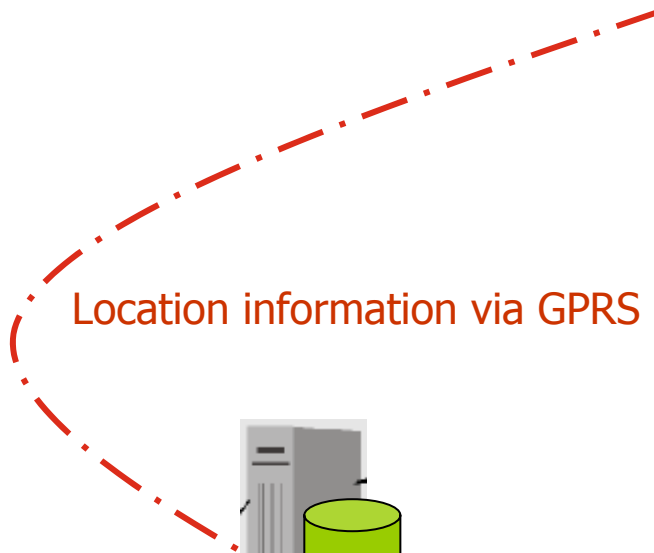


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Western Route
back-end system

Location information via GPRS



r
TRAVELLER



Seasam
TRAVELLER

Forecast

Option



**Virtual
TRAVELLER**



**Display
TRAVELLER**





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BRAHE-passenger information system

Features of the BRAHE virtual monitor www-version

Available at <http://bussit.turku.fi/traveller/matkainfo>
 and via link at www.turku.fi. Launched for the public on April
 2006.





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BRAHE-passenger information system

Features of the BRAHE virtual monitor www-version



The screenshot shows a web browser window with the address bar displaying "brahe.turku.fi". The page title is "Brahe matkainfo" with a bus icon. The main heading is "Kauppatori" and the time is "13:05". Below is a table with bus schedule information.

Aika	Linja	Määränpää	Pysäkki
13:30	102	Kontionkatu	Kauppatori
13:40	101	Kasarminkatu	Kauppatori
14:00	103	Terveysasema	Kauppatori
14:30	102	Kontionkatu	Kauppatori
14:40	101	Kasarminkatu	Kauppatori
15:00	103	Terveysasema	Kauppatori
15:40	101	Kasarminkatu	Kauppatori
07:30	102	Kontionkatu	Kauppatori
08:00	103	Terveysasema	Kauppatori
08:30	102	Kontionkatu	Kauppatori

BRAHE virtual monitor provides an unique feature to start the internet-browser in Full Screen Mode.

The system updates automatically after 15 second. Real time correction from Seasam rTRAVELLER.





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BRAHE-passenger information system

Features of the BRAHE virtual monitor mobile-versio

Requires mobile phone with Java-support.

Can be downloaded by sending sms-message to receive download-link.

Launched for the public on April 2006.

All the same features than www-version except full screen.





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Mobile phones serve as payment cards





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Thank you!

Pertti Heinonen

Administrative Director

City of Turku Public Transport Office

GSM +358-400-827 212

pertti.heinonen@turku.fi

