Tramway drives urban growth and smooth everyday life in Turku

TURKU TRAMWAY

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Why a tramway?

Turku's population grows by 40 000–59 000 inhabitants by 2040*

*Source: City of Turku population projection 10/2024

Why a tram?

Supports Turku's growth and increases competitiveness and attractiveness

Increases the attractiveness, fluidity and profitability of **public transport** as the city grows

Serves citizens in an accessible, reliable and safe way

Helps expand the city's commercial centre and supports accessibility of services

Improves the appearance and cosiness of the city along the whole line

Creates sustainable urban structure by increasing land use density

Easy to move in all means of transport

When the tramway is ready, it will make moving around easier for everyone

Traffic volumes will grow in Turku

+42 %

by 2050**

On foot or by bike

Once the tramway is built, the streets and surroundings of the line will be improved to make them comfortable and accessible.

With your own car

The tramway will attract passengers and reduce congestion. This will also make car travel smoother in the growing Turku growing.

By public transport

The tramway will complement public transport in the city of Turku. It strengthens the attractiveness of public transport and makes mobility smoother.

In cities with a tramway, residents use **public transport more** than in cities without a tramway.*

* Source: Success Factors of Tramway Systems, NLRA Webinar, 2023
** Source: Turku Master Plan Traffic Forecast 2020

Improving the look of the whole city

If the tramway is built, almost all the streets along the route will be upgraded over a 12-kilometre stretch.

Footpaths will be upgraded, cyclists will be provided with quality routes and new lanes will be built for cars. In addition, there will be new traffic management, street surfacing materials and public utilities.

During the building phase, more vegetation will be added to the streets.

Now underway
the final planning phase of the tramway before possible construction

Construction can start if the Turku City Council decides to invest in the tramway. The decision can be taken once the decision-making material is ready in late 2025.

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What would a Turku tramway be like?

Ferry terminal–City centre-Varissuo tramway

12
kilometres

20
stops

7½
one minute intervals

In 2050, within 600 m
from the stops of the Port-Varissuo route:

30 %
inhabitants of Turku

46 %
jobs

42 %
residential construction

Capacity
of a Föli bus or tram:

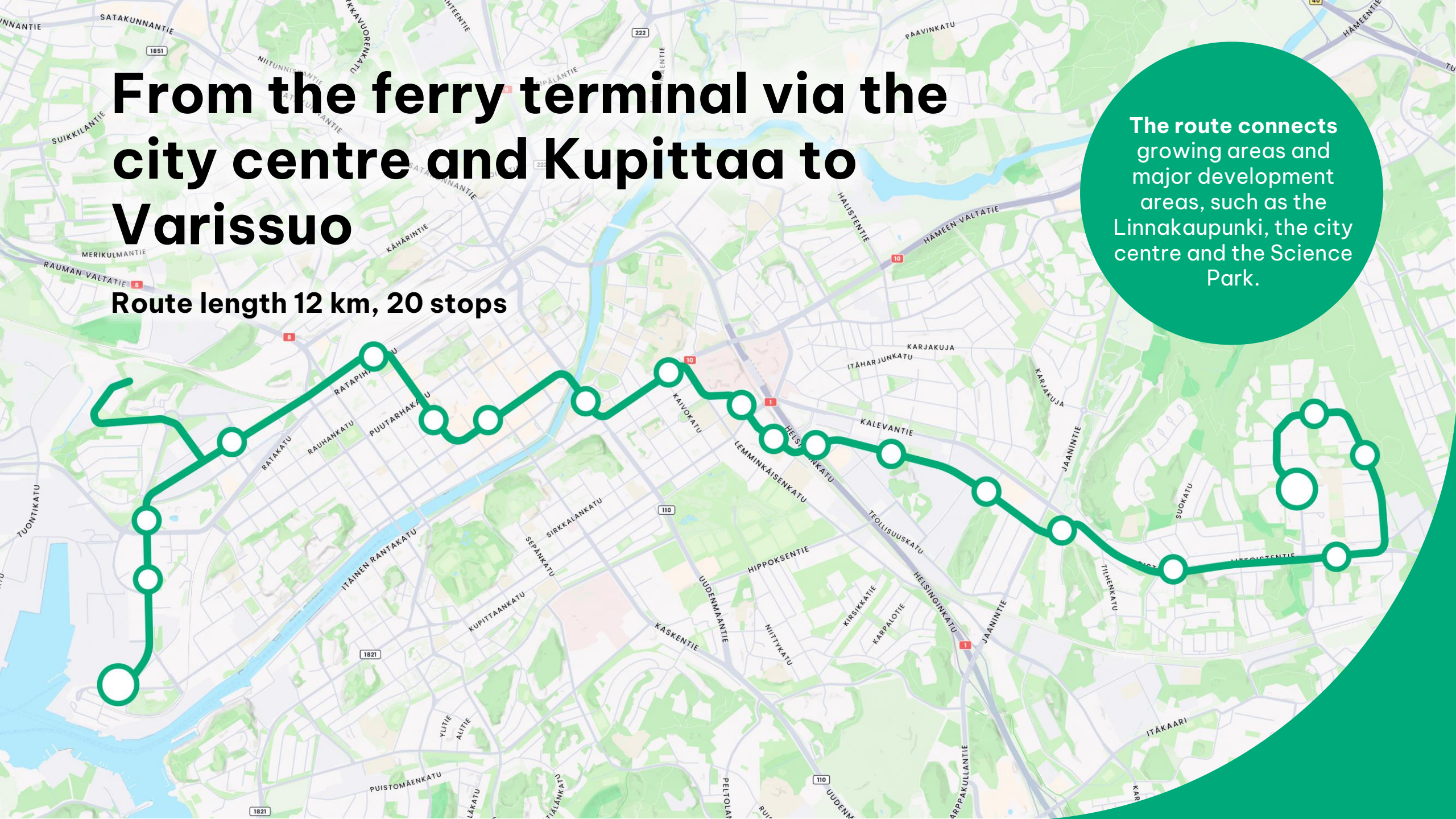
1 electric bus
90
passengers

1 tram
220-260
passengers

From the ferry terminal via the city centre and Kupittaa to Varissuo

Route length 12 km, 20 stops

The route connects growing areas and major development areas, such as the Linnakaupunki, the city centre and the Science Park.



The tramway is long-lived

Tramway infrastructure
lifespan up to

40 years

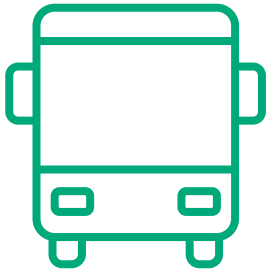
Trams'
lifespan up to

40 years

Base reinforcement
service life up to

100 years

Customers to shops and businesses every 7,5 minutes



1 electric bus

90

passengers

1 tram

220-260

passengers

Maximum capacities based on "capacity needs on Turku's tram and super bus routes" -study, where the number of seats per bus is 50 and the number of standing places is 4 persons/m2 , i.e. 40 in total. The maximum capacity of a tram is 220 persons in a 32-metre tram and 260 persons in a 37-metre tram.


Turku is growing fast and therefore public transport needs to be developed in leaps and bounds

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What are the benefits of the tram?

Benefits for business life

It is estimated that the tramway will increase the number of people living in Turku by around 18 000-20 000 in 2050* - meaning more employees and customers

Tram

- brings customers to your door every 7.5 minutes
- increase the attractiveness of the city and improves the image of Turku
- increases the area where people move around and businesses that provide services thrive
- expands the commuting area and makes commuting smoother - long-distance stations are located along the route
- ensures that mobility in a growing city remains smooth and congestion-free in the future increase the value of property along the route and stimulate construction

*Source: Turku tramway urban development reference plan

Benefits for residents

Tram

- facilitates mobility in the city by different modes of transport and reduces congestion
- makes public transport a more attractive option - frequent service and easy to use
- increases freedom of movement as the tramway is accessible - in Tampere, the tramway has improved mobility for special groups and facilitated leisure mobility for children and young people*
- is a comfortable and safe way to get around the city
- makes the urban environment more pleasant
- increases the value of housing along the route

* Source: Tampere tram consuser survey

Benefits the city of Turku

Tram

- increases the attractiveness of the city in the eyes of both residents and businesses – it is estimated that the tramway will increase the number of people living in Turku by around 18,000–20,000 in 2050*
- ensures that mobility in a growing city will continue to be smooth in the future
- increases construction along the route and raises property values
- links the eastern parts of the city more strongly into the urban fabric and prevents regional segregation
- helps to meet climate targets
- supports the development objectives of a maritime Turku
- increases freedom of movement, as the tramway is accessible – in Tampere, the tramway has improved mobility for special groups and facilitated leisure mobility for children and young people**
- makes public transport a more attractive option

*Source: Turku tramway urban development reference plan
** Source: Tampere Tramway consumer survey

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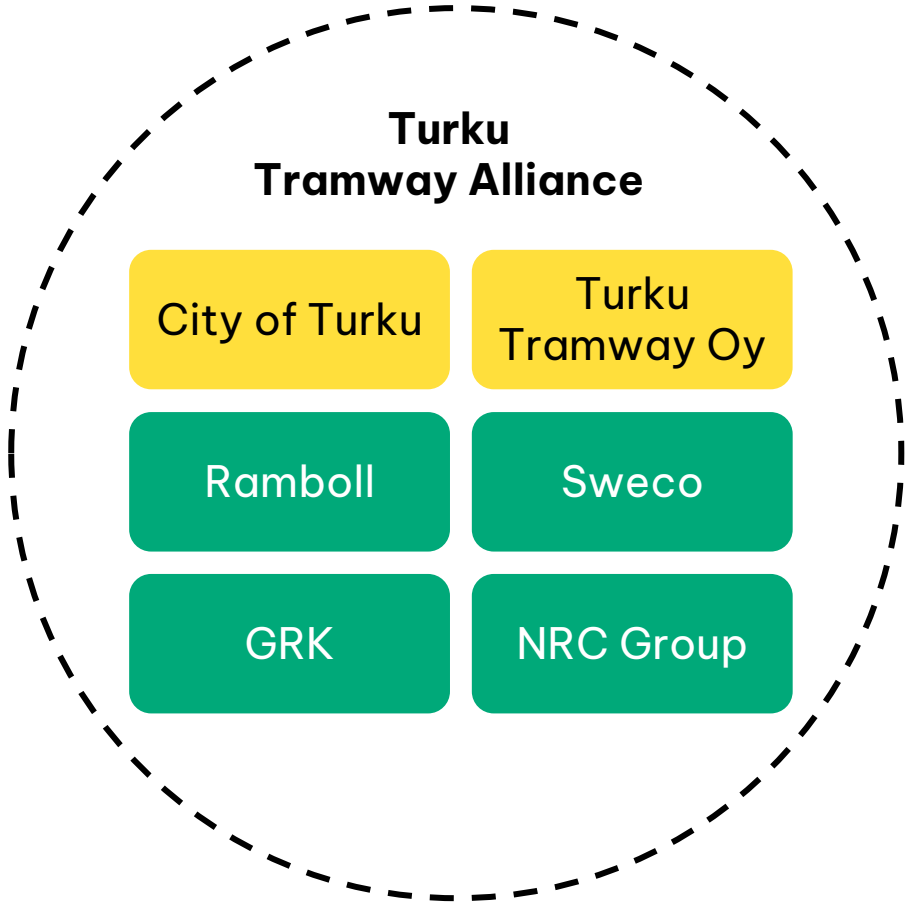
Who will build the tramway?

The tramway is built by alliance model

The planning and possible construction of the Turku tramway will be carried out by Turku Tramway Alliance, which includes

- Turku Tramway Oy
- City of Turku
- NRC Group Finland Oy
- GRK Finland Oy
- Ramboll Finland Oy
- Sweco Finland Oy

Turun Raitiotie Oy, owned by the City of Turku, is a company who is the main responsible for the implementation planning phase of the tramway.



Finland’s most knowledgeable experts make our team

Our team has extensive experience of the latest tramway projects in Tampere and the Finnish capital area.

We are designing the best possible tramway for Turku, which will serve residents and businesses for decades to come.

Multidisciplinary skills are needed to plan a tramway.

What does the alliance model mean?

- Clients, designers and contractors working together in a joint organisation to find solutions that work best for the project
- Work is based on a common agreement and jointly defined objectives
- The risks and benefits are shared among all
- The total cost estimate is binding on all parties of the alliance, i.e. if the cost estimate is exceeded, all parties are liable for it.

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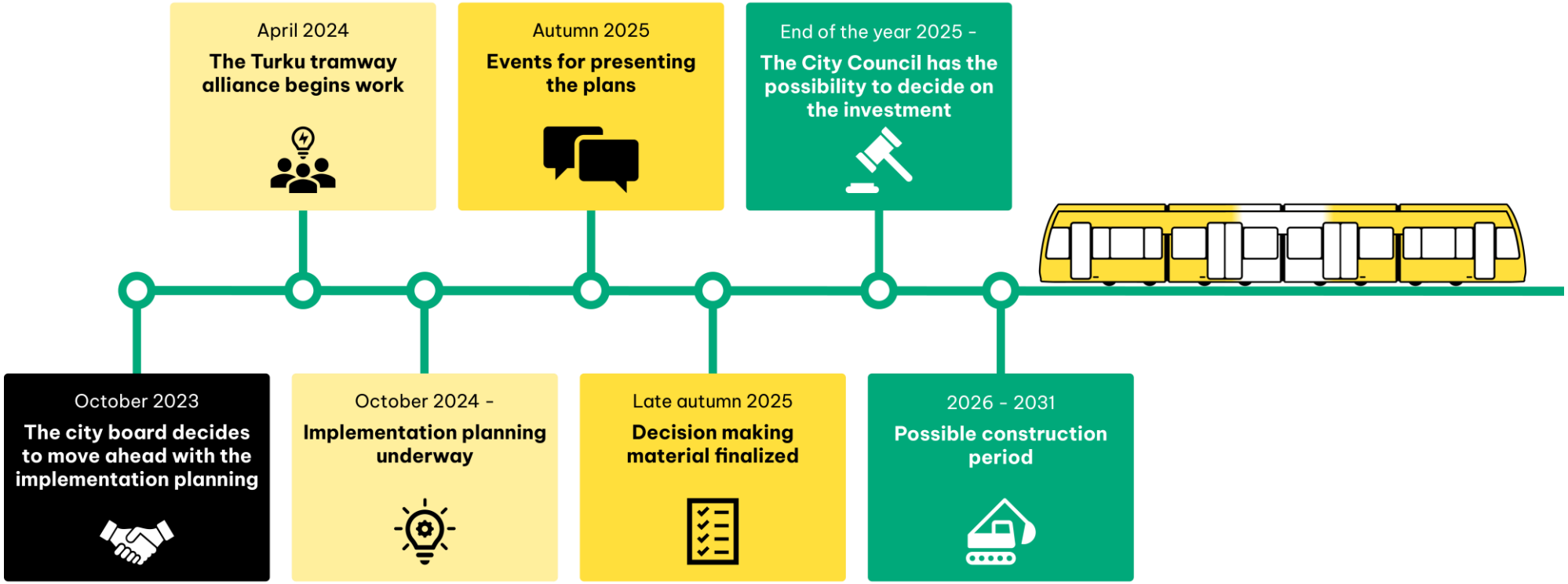
How does the project progress now?

The timetable for the tramway

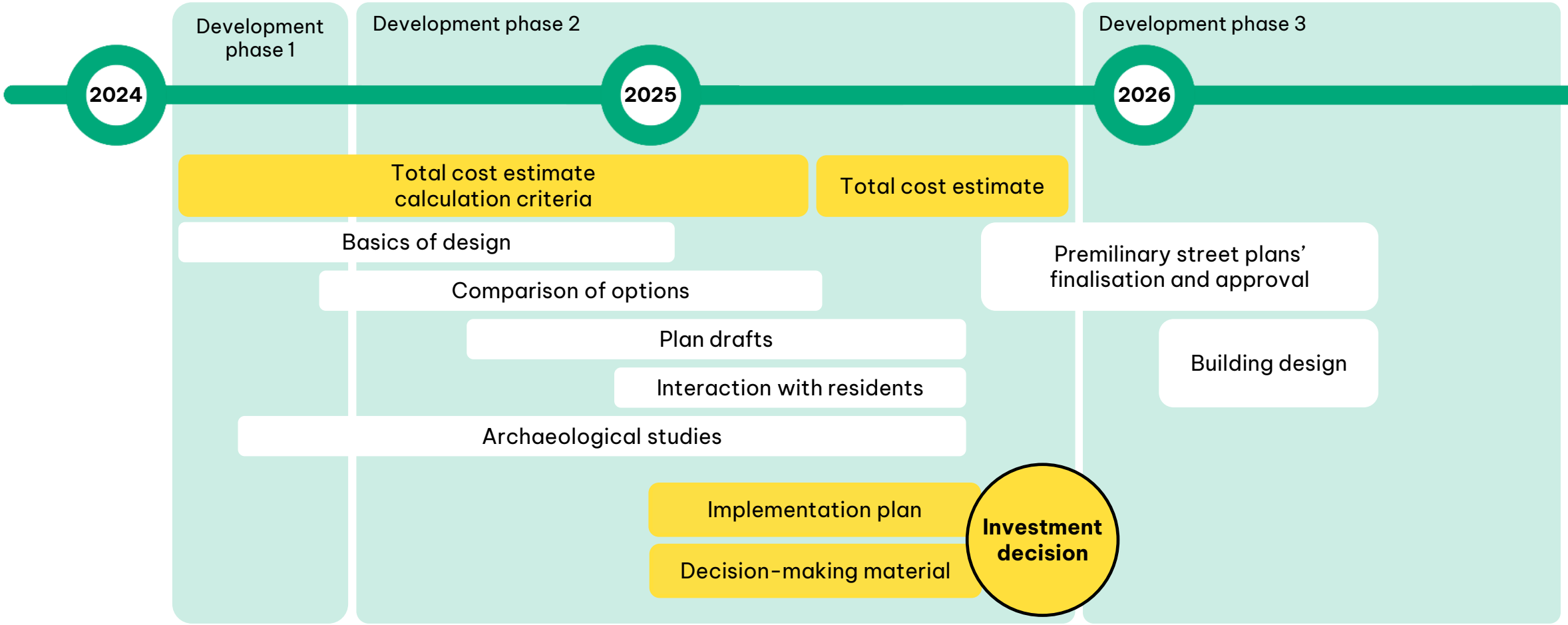


This is what we are doing now

The implementation planning phase is underway, during that we will

- Make premilinary road plans and traffic management principles
- calculate the cost of building the tramway and draw up a construction schedule
- prepare the purchase of trams
- make the necessary changes to the land-use plan and assess the effects of the tramway on a wide range of issues, including land use, the local economy and businesses.

This is how we move towards construction

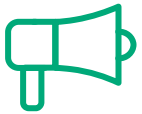


As little fuss as possible

When planning the tramway we are already taking into account the impacts of construction.

The team's work is backed by experience gained from building tramways in Tampere and the Finnish capital area.

Disturbance during construction is prevented by:



Good communication

Effective traffic management and clear signposting

Timing of construction - if possible, one stage at a time for completion

Participation and communication during the planning phase

Why a tram?

Implementation planning 2024-2025

Follow the progress of the tramway! Find out more about the tramway, keep up with the planning and learn more about why Turku is planning a tramway.

Participate and influence

Fall 2025

Participate in events, share your views and give feedback! We're taking the tram plans forward together with the residents and other stakeholders.

What do you think?

Late 2025

The tramway implementation plan and impact assessments are completed.

After this the Turku City Council will be able to decide whether to start construction of the tramway.

More and more of us are choosing public transport because it works so well

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Thank you.

www.turunraitiotie.fi