

Digitransit

An open source journey planning project

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digitransit



What is Digitransit

- Open source multi-modal journey planning project founded in Finland around 2014
- Replaced legacy proprietary journey planners
- Funded by three transportation authorities
- User interfaces
- Backend services and open APIs

Backend services

- Routing and much more (OpenTripPlanner)
- Geocoding (Pelias)
- Maps (hsl-map-server, tilelive-gl, OpenStreetMap)

Where to?

Enter origin

Enter destination

Leaving now

Add home

Add work

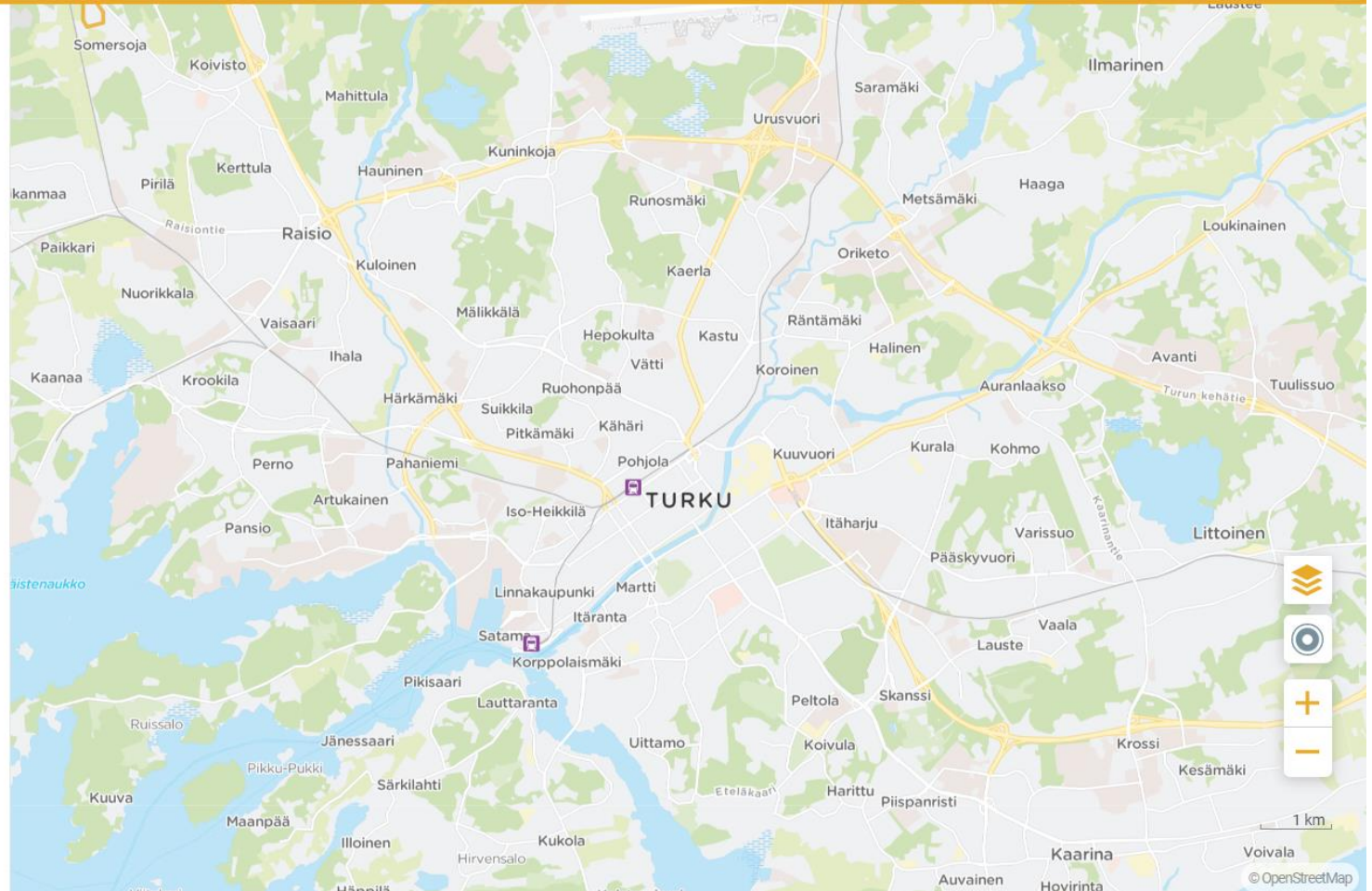


Timetables and routes

Buses and nearby stops on map

The closest ferry piers

Search stops and routes



Itinerary suggestions

Kivikko, Helsinki

Helsinki, Kaartinkaupunki, I

Departure 08:20 Settings

59 min 13.0 km 36 min 1.4 km 42 min 16.0 km

Earlier departures

08:24 - 09:10 46 min

14 54 P 10

Leaves at 08:38 from stop Kivikontie, platform 1

08:23 - 09:10 47 min

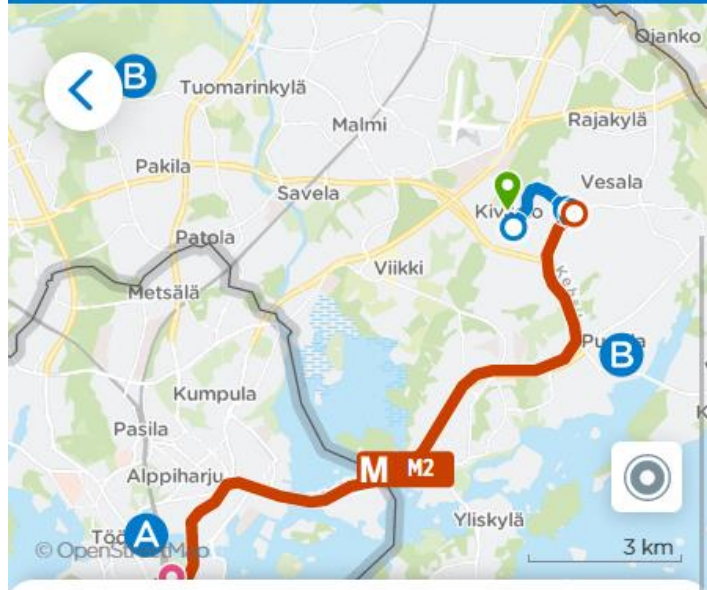
5 94A M2 8

Leaves at 08:28 from stop Kurkimäentie

08:25 - 09:15 49 min

14 560 K 10

Leaves at 08:39 from stop Kivikontie, platform 1



47 min 17 min 1.1 km

Mo 30.1. 08:23 - 09:10

Required ticket: AB

- 08:23 Kivikko Helsinki
- Walk 5 min (350 m)
- 08:28 Kurkimäentie

Bus stops near you

Search bus routes or stops

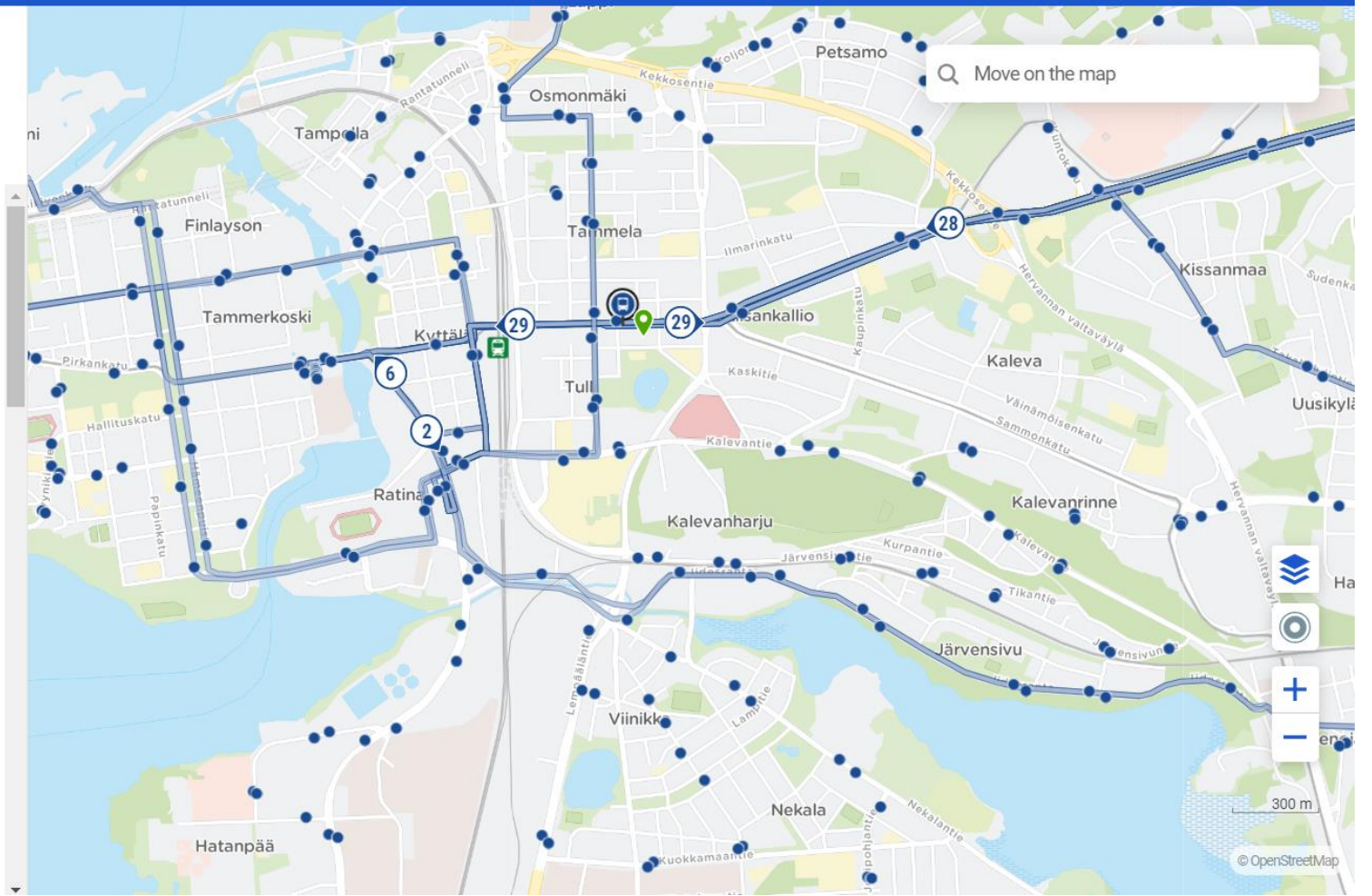
Sorsapuisto 0510 A

6	Vatjala	6 min	21:40
90	Terälahti		21:54
6	Vatjala		22:00
29	Risso		22:03
28	Ruutana		22:13

[More departures](#)

Sorsapuisto 0511 A

28	Ylöjärvi	2 min	21:36
6	Länsi-Hervanta	6 min	21:40



Where are you going?

Leaving now ▾

Try the new map views showing nearby stops
Real-time timetables for nearby stops and vehicles on map.

Nearby stops and routes



[Changes and disruptions](#)

Travel farther and cheaper than ever.

Get the ABCD ticket and travel farther and cheaper than before

[Read more](#)



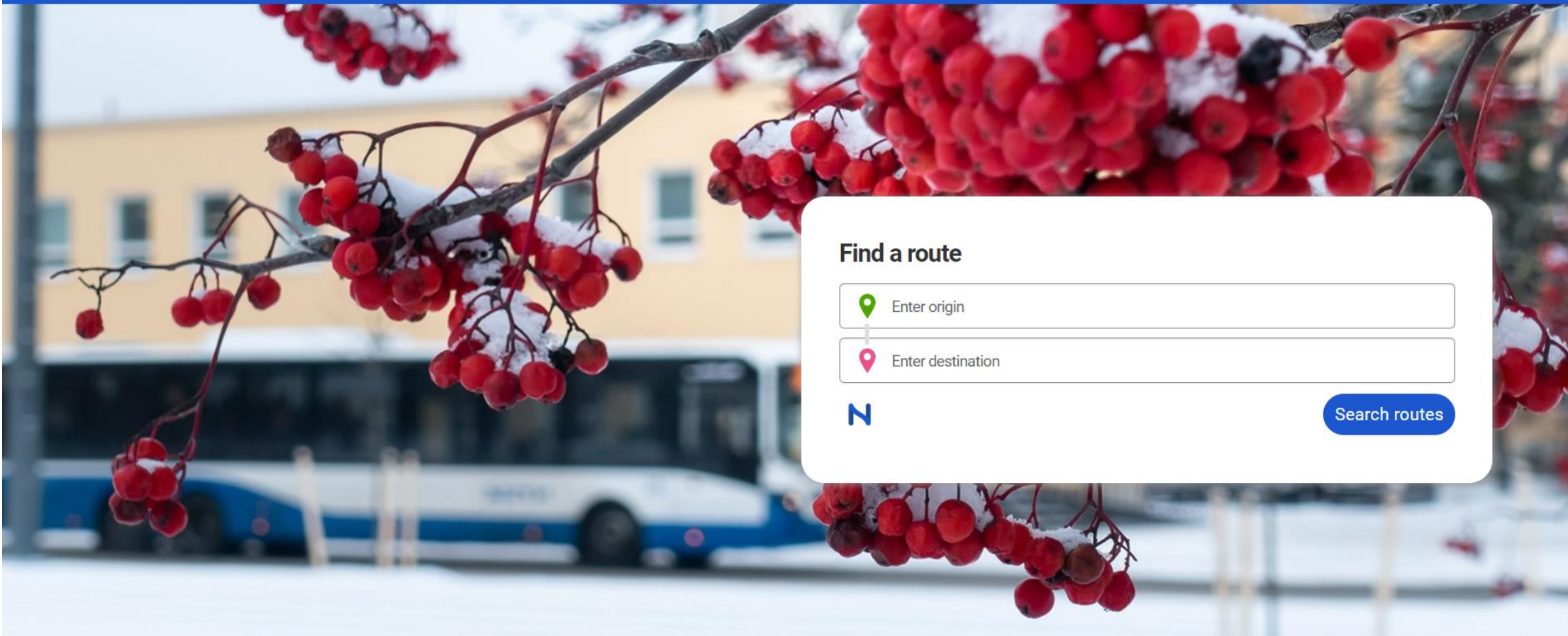
 Schedules and routes

 Tickets and fares

 Customer service

 More

FI EN



Find a route



Enter origin





Enter destination



Search routes


Create a stop display


Direction of the display  

Languages FI SV EN


Layout
Double view





Add stop

Layout  4+4


Duration / language - 





Left column - EN

Airport 

 **Lentoasema**
Vantaa V5330   

Right column - EN

Metro 

 **Kamppi**
Helsinki H0017   

[Add new stop view](#) [Preview](#) [Create view](#)

yhteistyössä / I samarbete



Airport



09:37

Route	Destination	Time/min	Route	Destination	Time/min
600	Rautatientori	~7	570	Mellunmäki M	~10:07
570	Mellunmäki M	~9	600	Rautatientori	~10:15
600	Rautatientori	~09:55	570	Mellunmäki M	~10:17
570	Mellunmäki M	~09:57	562	Itäkeskus M	~10:17
562	Itäkeskus M	~09:57	600	Rautatientori	~10:25
600	Rautatientori	~10:05	570	Mellunmäki M	~10:27

Changes to the timetables for bus routes 415N, 431/B/N and 436N from 6 Feb.

What's next

- Better support in UIs for using OpenTripPlanner version 2
- Possibility to have a map view in stop monitor
- First and last mile services

For more information

- <https://digitransit.fi/>
- <https://github.com/hsldevcom/>
- digitransit@hsl.fi