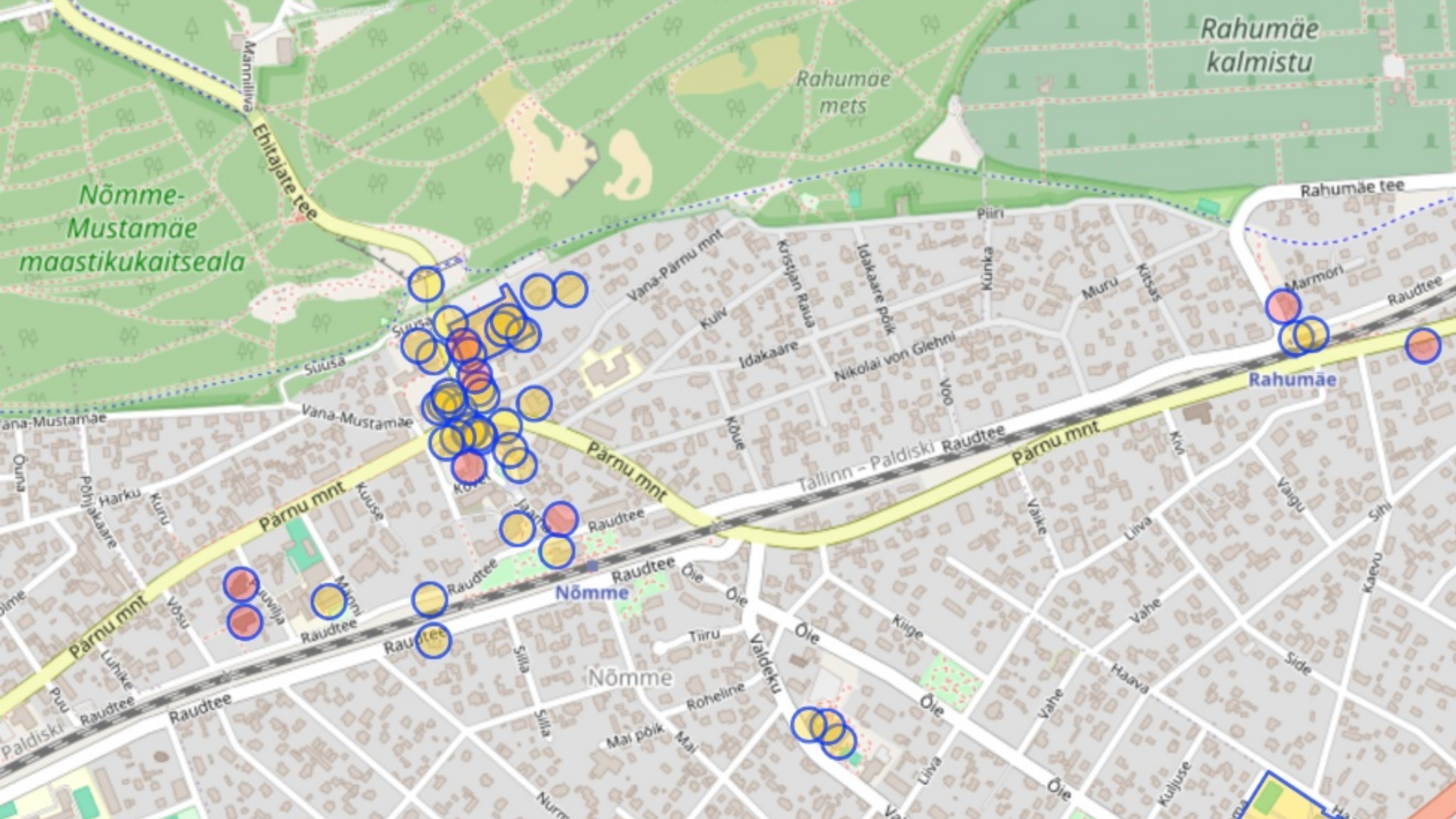
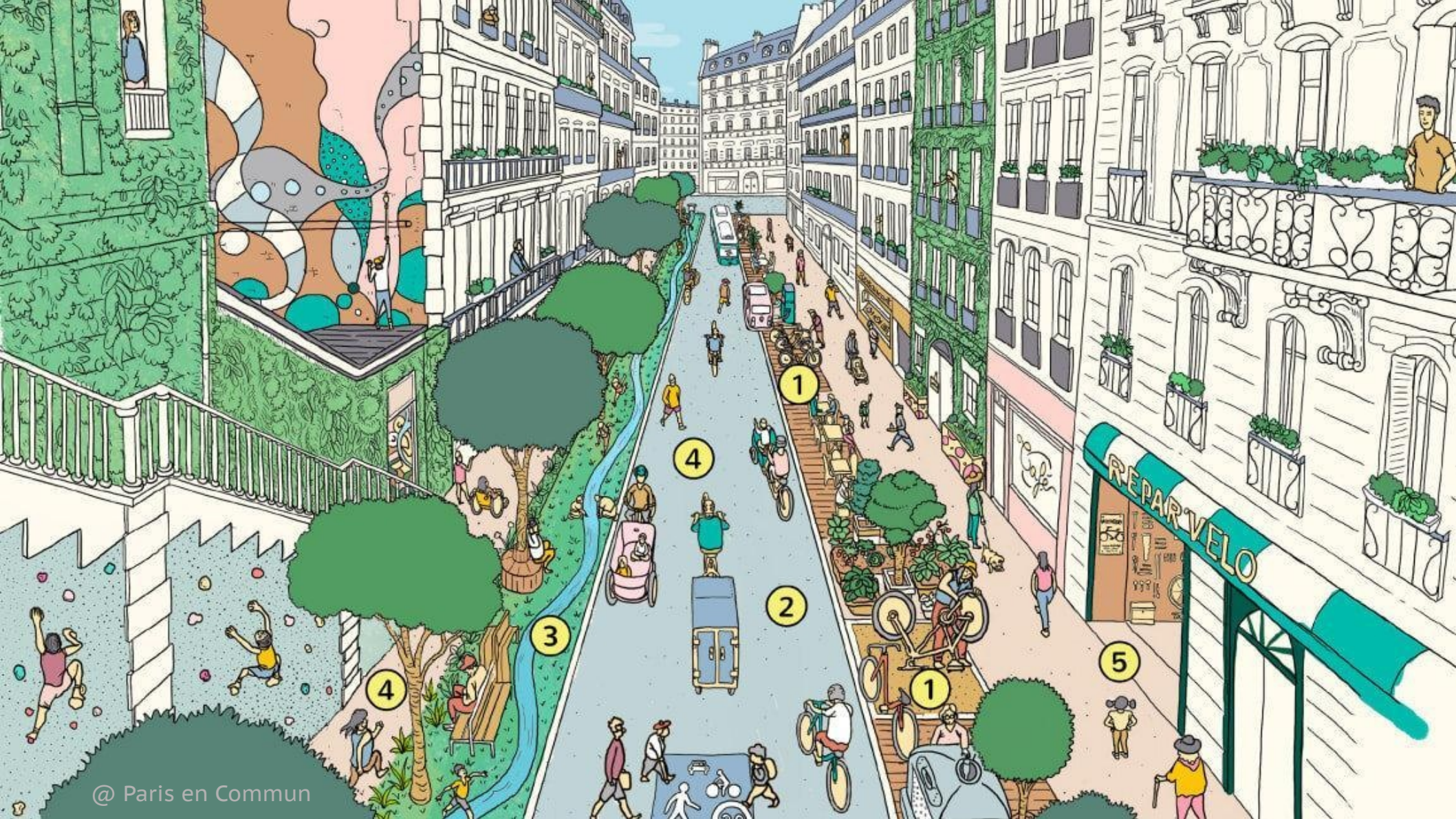


15 minute city in 15 minutes

Ilya Zverev
FOSDEM 2025







a Pelican Book



The Death and Life of Great American Cities

The Failure of Town Planning
Jane Jacobs



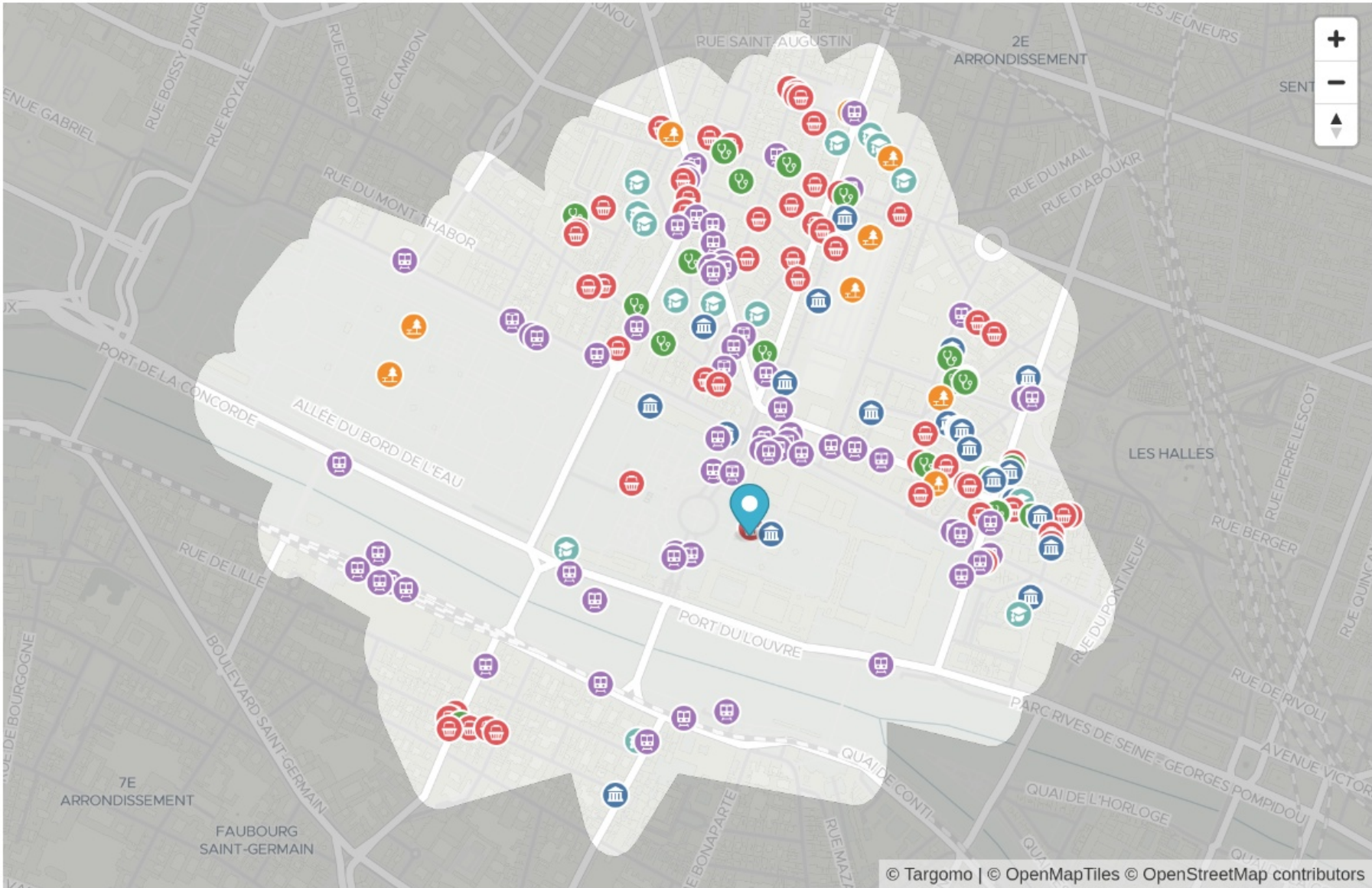







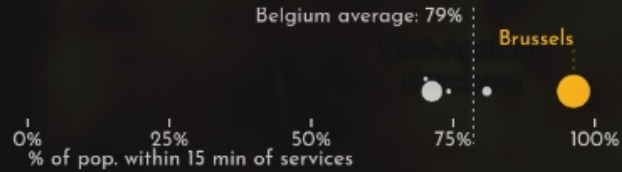
15 minute city

- cityaccessmap.com
- 15mincity.ai
- whatif.sonymcsl.it/15mincity
- observablehq.com/@targomo/exploring-the-15-minute-city
- app.developer.here.com/15-min-city-map



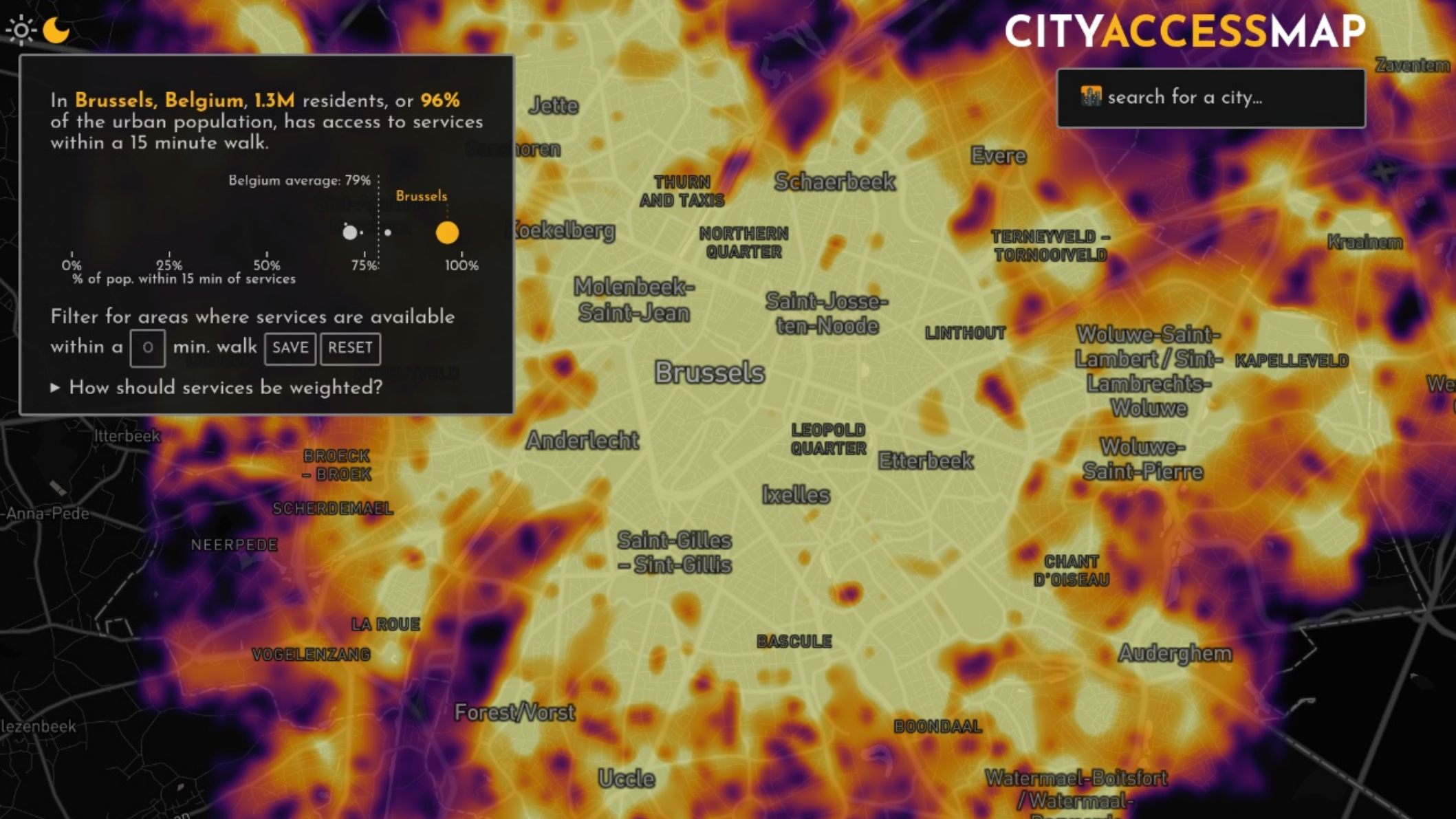
 search for a city...

In **Brussels, Belgium, 1.3M** residents, or **96%** of the urban population, has access to services within a 15 minute walk.



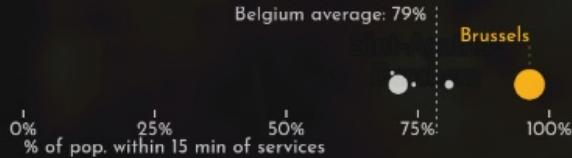
Filter for areas where services are available within a min. walk

► How should services be weighted?



🏠 search for a city...

In **Brussels, Belgium, 1.3M** residents, or **96%** of the urban population, has access to **these** services within a 15 minute walk.



Filter for areas where services are available within a min. walk

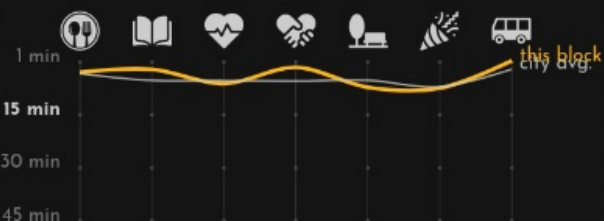
▼ How should services be weighted?

<input type="checkbox"/> Public transit stations <input type="checkbox"/> Parks, stadiums and gyms <input type="checkbox"/> Libraries and community centers <input type="checkbox"/> Restaurants, food trucks, and supermarkets <input type="checkbox"/> activate tooltip	<input type="checkbox"/> Cinemas, nightclubs, and theatres <input type="checkbox"/> Pharmacies, clinics, and hospitals <input type="checkbox"/> Education facilities <input type="button" value="APPLY"/> <input type="button" value="RESET"/>
---	---

[Download data](#)



Accessibility to urban services for the **53** residents of this area is **AVERAGE**



Watermael-Boitsfort / Watermaal-Bosvoorde

COIN DU RAIAL



Premium ^{BE}

zverev points of interest



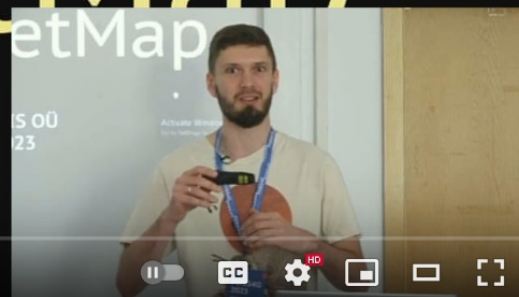
+ Create

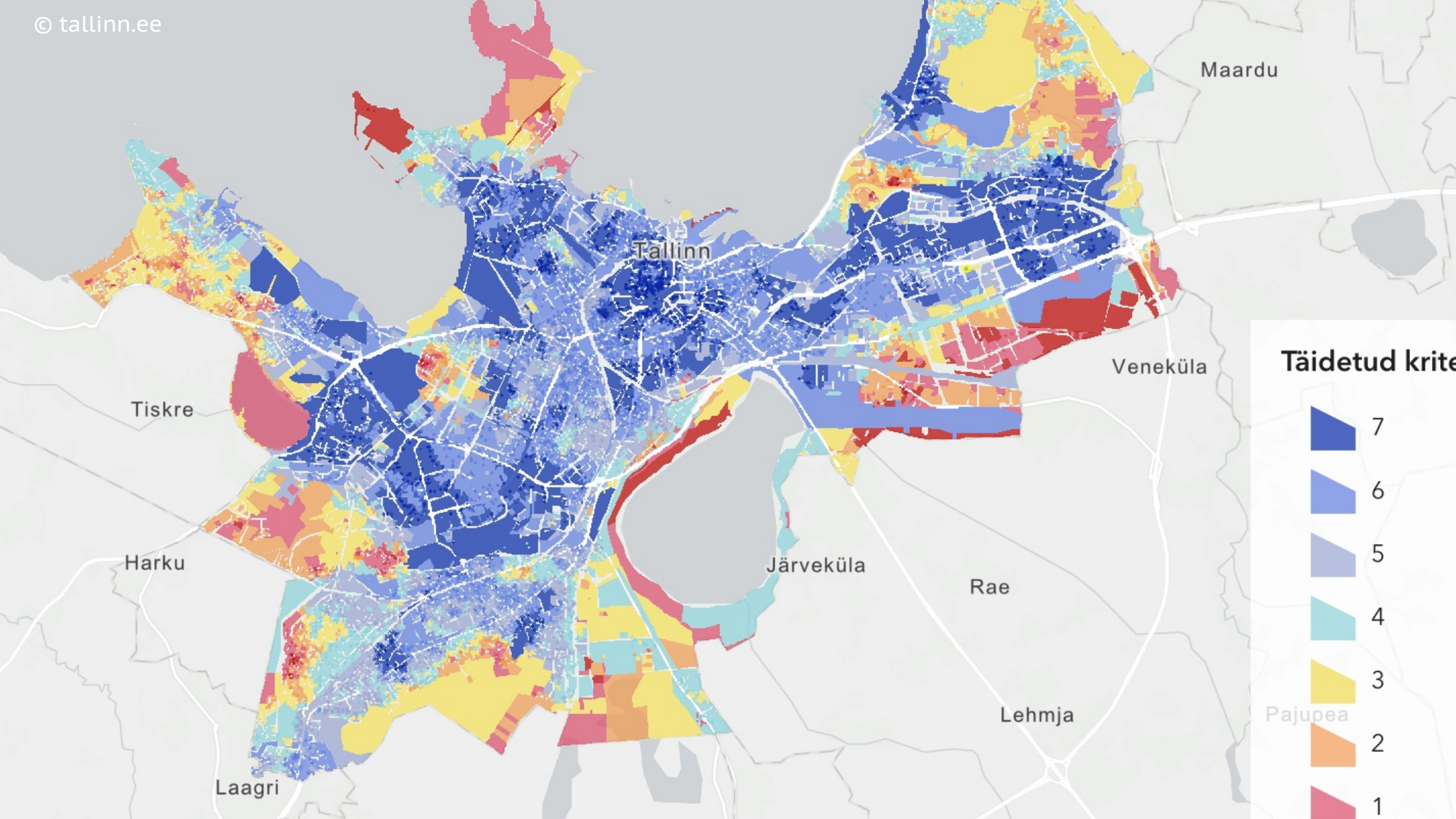


How to get points of interest from OpenStreetMap

Ilja Zverev, NextGIS OÜ
SotM Baltics 2023

0:30 / 19:42





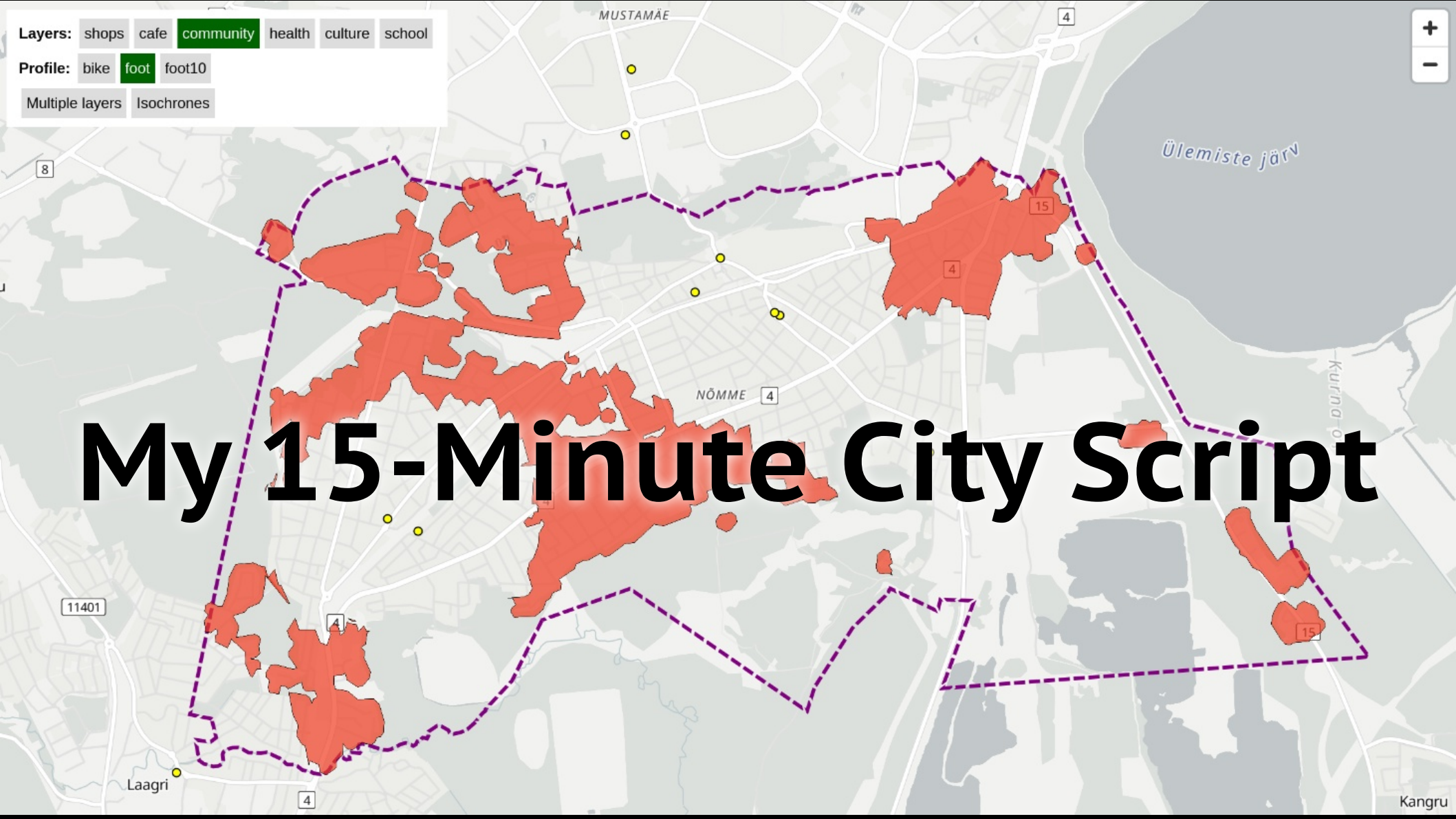
Layers: shops cafe **community** health culture school

Profile: bike **foot** foot10

Multiple layers Isochrones



My 15-Minute City Script



Open Source FTW

- openstreetmap
- geofabrik extracts
- osmium-tool
- pyosmium
- shapely
- pyproj
- qgis
- graphhopper
- maplibre gl js
- turf.js



Ilja Zverev

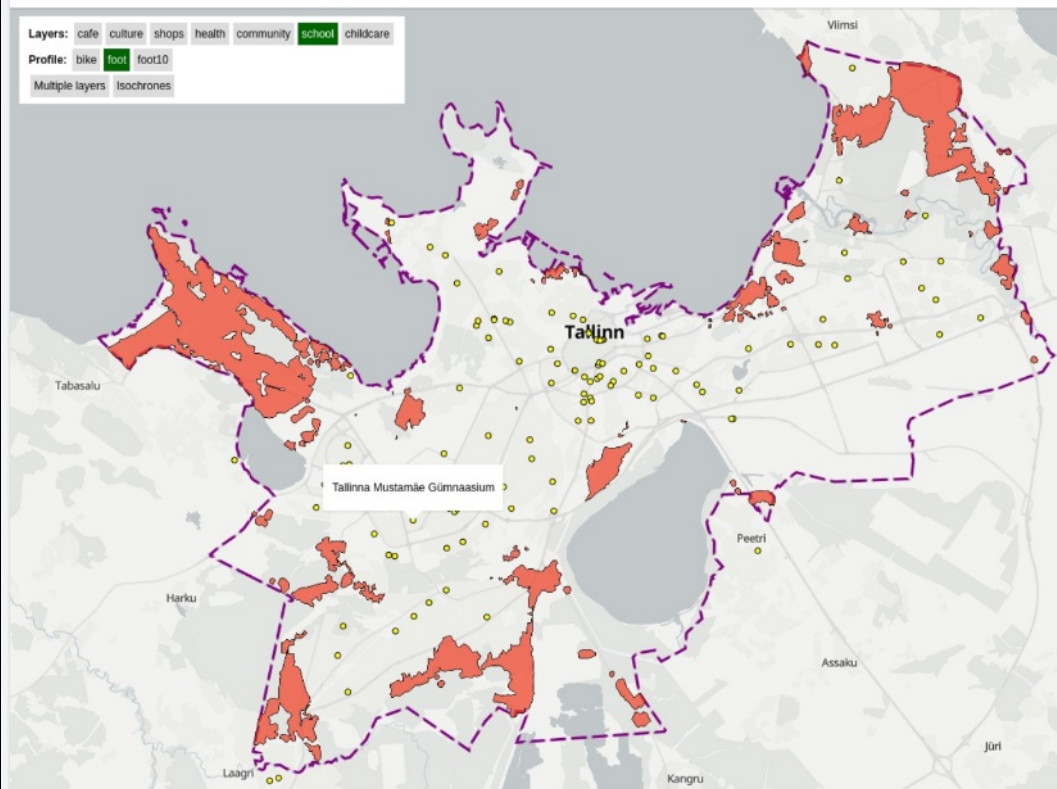
Top contributor · November 18, 2024 · 🌐



15-minutine linn. Olen teatud skripti mis laeb värske andmeid alla ning valmistab interaktiivset kaarti. Punased alad on majad kust ei saa jalgsi minna kooli 15 minutiga.

Kaardil on nupud erinevade kihtide jaoks, ning "profile": foot = jalgsi 15 min, foot10 = jalgsi 10 min, bike = rattaga 10 min.

<https://zverik.github.io/15minute/?tallinn...>



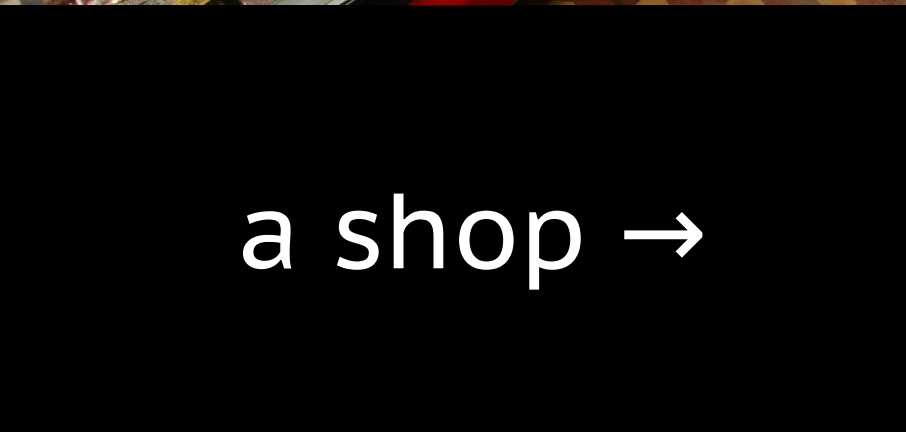
Piret Dahl, Tormi Tabor and 195 others

99 comments 17 shares





← a shop



a shop →









1. Do The Thing



Thank you!

github.com/Zverik/15minute

Ilya Zverev
FOSDEM 2025

