

Isochrones and services accessibility in Vienna

Digital Data Collection Methods

20/02/2025

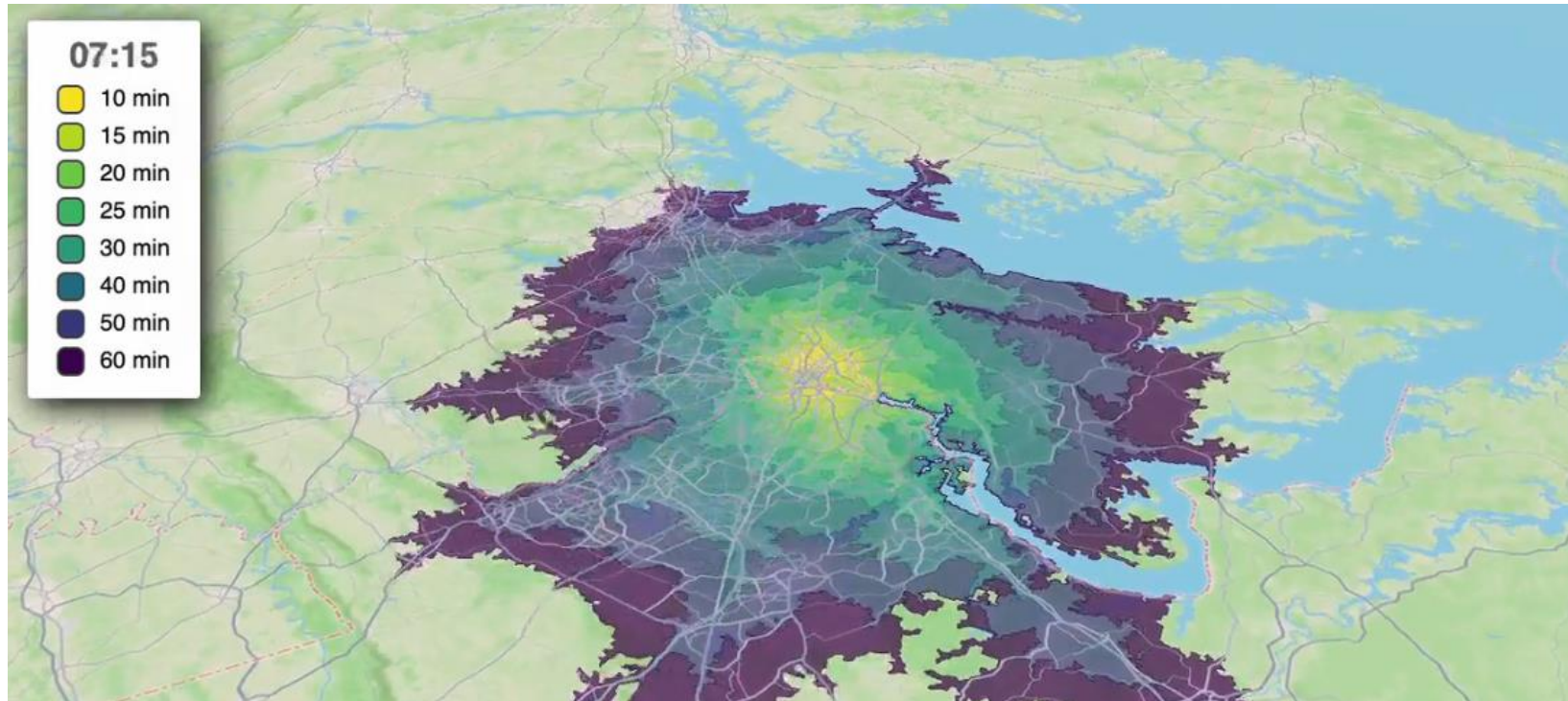
Piero Birello & Mariia Karnaukh

Urban planning and human mobility

- Increasing interest in urban planning and its connection to **cities livability, equal opportunities and sustainability**.
- The proposed concept: **proximity-based cities**.
- How does this work? How feasible is it? Are there drawbacks?

Let's start from the beginning.

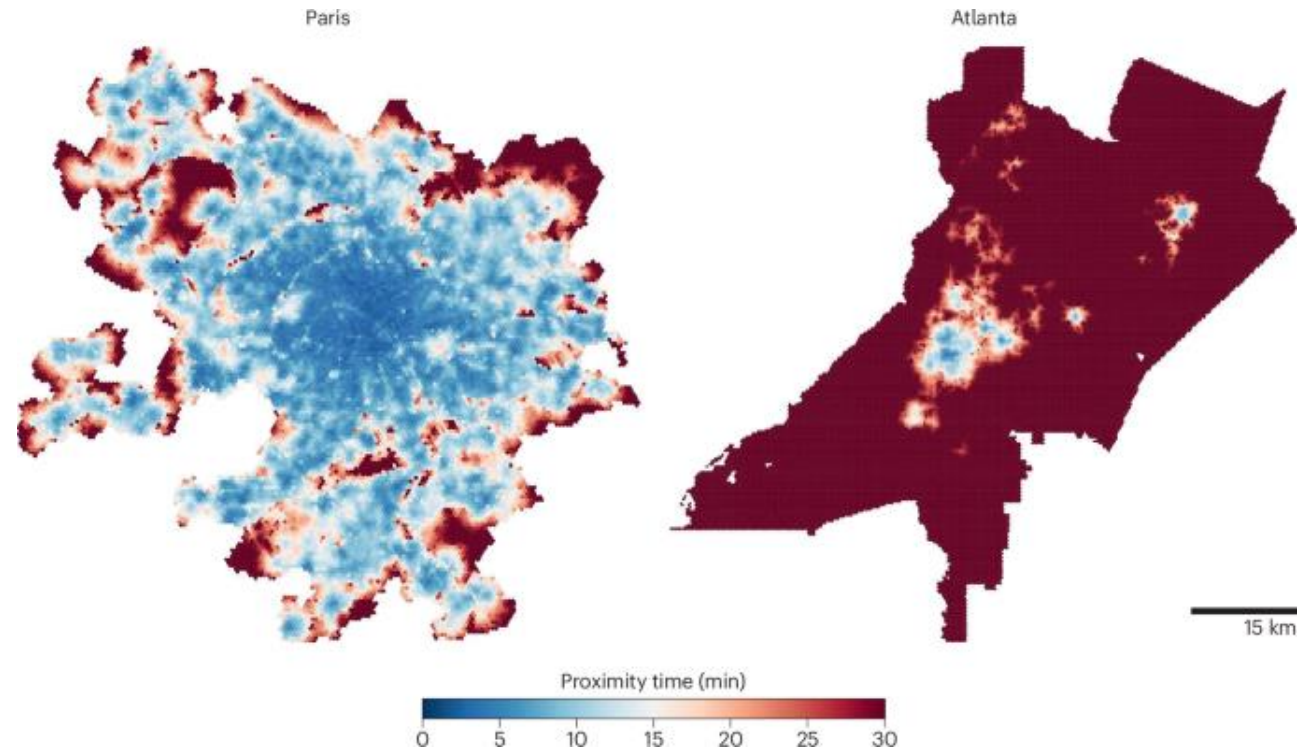
Isochrone maps



Maps that depict the area accessible from a point within a certain time threshold.

Selected source: **isochrone API by mapbox.**

Services accessibility



What is the time it takes you to reach the nearest location offering some service?

We will distinguish for mode of transport and service category.

Selected source: **OSM + OSM Routing**.

Thanks!

Any suggestions / ideas?