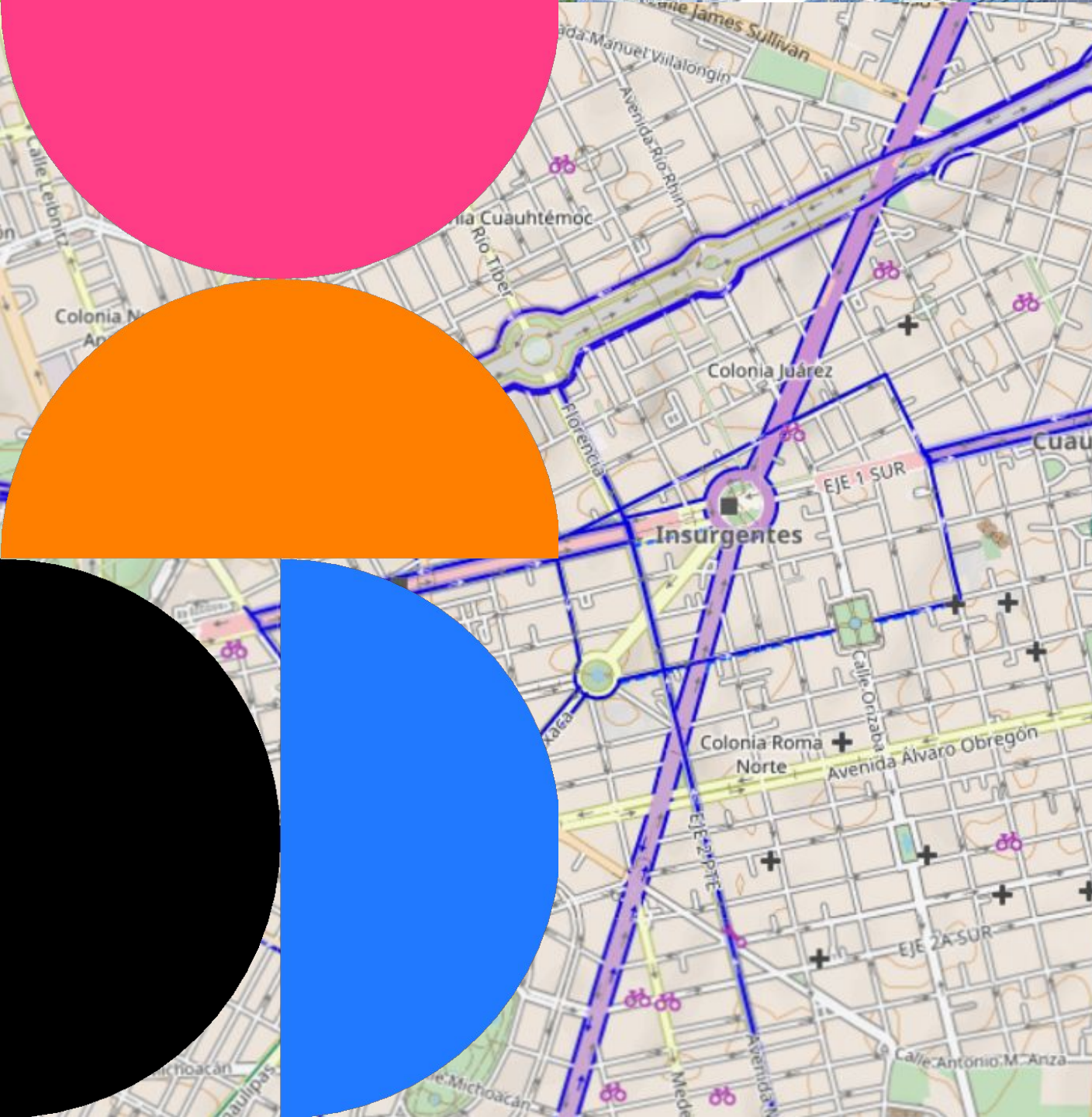


#CyclingCities25

Why Open Data Matters for Cycling: Visualizing a Cycling City

March 22, 2022

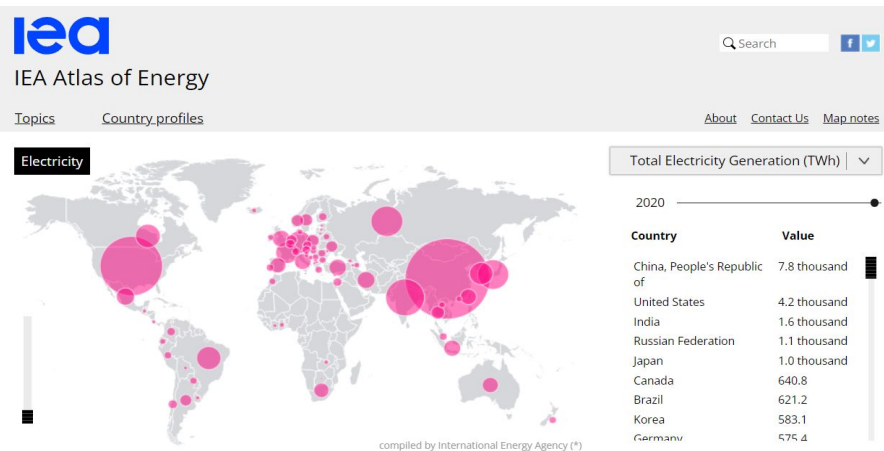
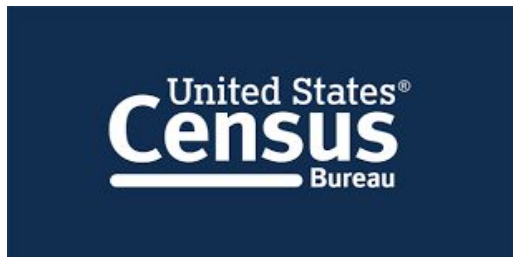
 **Cycling Cities** |  ITDP



WHAT IS OPEN DATA?

You are free:

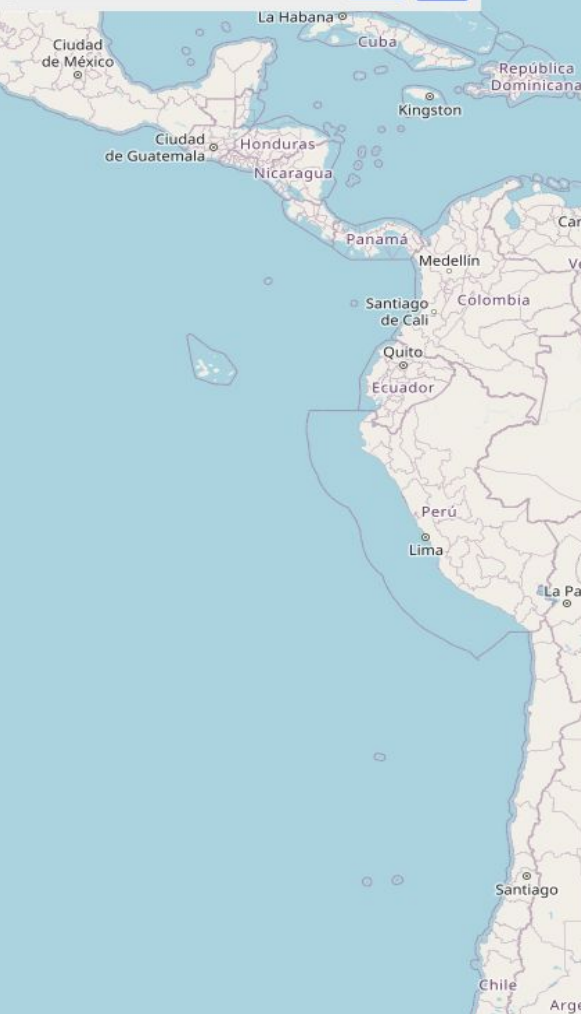
- *To share*: To copy, distribute and use the database.
- *To create*: To produce works from the database.
- *To adapt*: To modify, transform and build upon the database.



What is OpenStreetMap?

- Crowdsourced mapping platform
- Transparent, neutral data about what's on the ground
- Provides data for major companies (Microsoft, Apple, Facebook)
- Supports city planning and humanitarian efforts





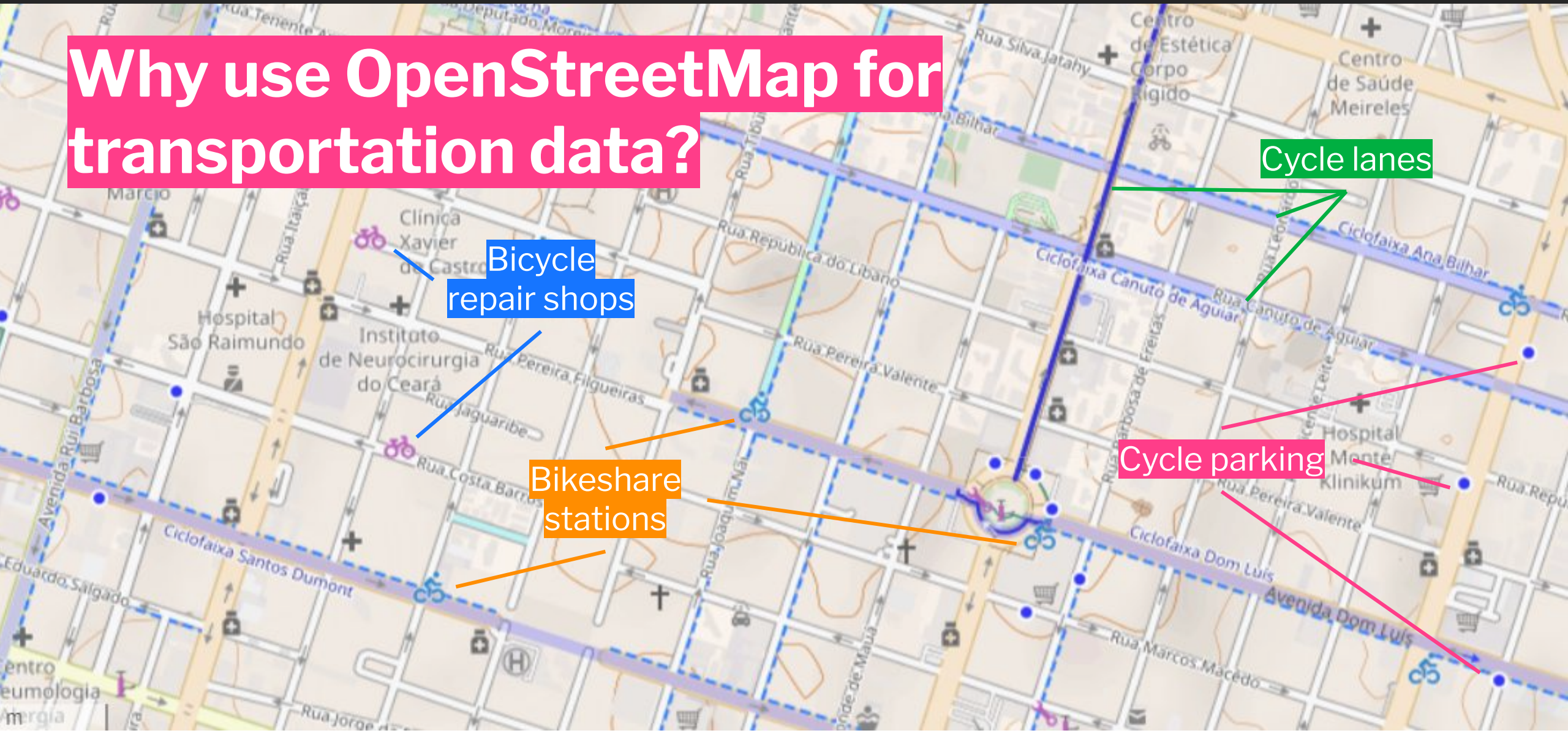
You can think of OSM in several ways:

- A distributed community of mappers contributing information about the geography of the world to a common repository
- A free web map hosted at <https://www.openstreetmap.org/>
- A loosely affiliated collection of free and open source tools for mapping the world
- A real-time stream of instructions representing how to add, change, or remove cartographically projected geometries and associated metadata based on a prior state
- ...Google Maps, but openly licensed

It's hard to get people to agree on what exactly OSM is, but almost everyone agrees on one thing: it's extraordinarily valuable and important.

Joe Morrison, *OpenStreetMap is Having a Moment*, Nov. 18 2020

Why use OpenStreetMap for transportation data?

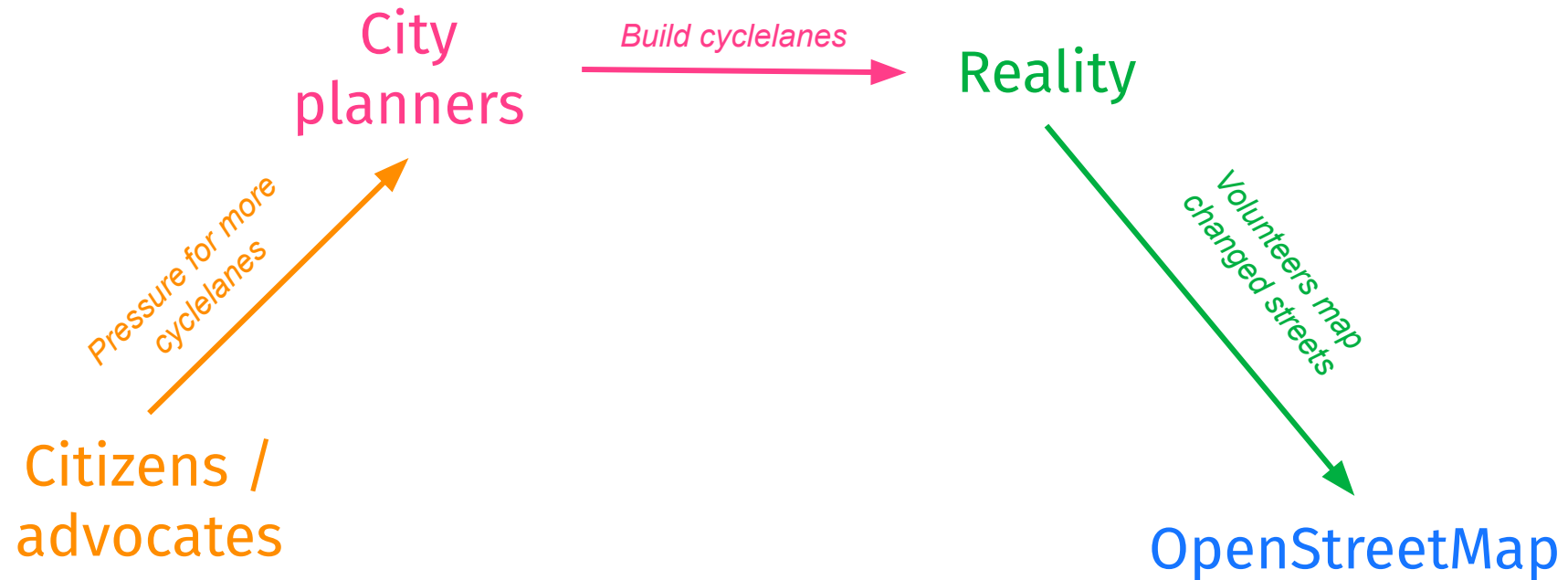


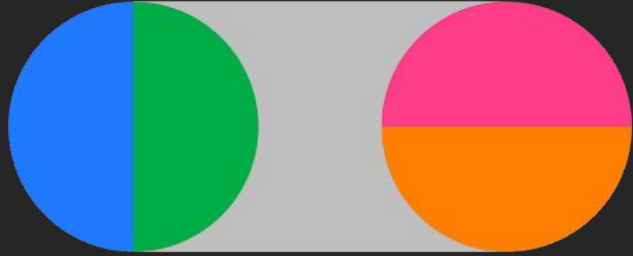
Cycle lanes

Bicycle repair shops

Bikeshare stations

Cycle parking





Cycling Cities



**25 million more
people near safe
cycle lanes by 2025**

[#CyclingCities25](https://twitter.com/CyclingCities25)



People Near Protected Bike lanes (PNpB)

people within 300m of protected lane

Total city population

Cycle lane locations - OpenStreetMap




Population density data - GHSL



Legend

- Protected bikeways
- People within 300m walk of protected bikeways

25 million more people near safe cycle lanes = 28 cohort cities ↑ PNpB by 25% pts

	Bogota	Los Angeles	Santiago	Glasgow	Istanbul
 Current PNpB	44%	5%	17%	33%	4%
 Target PNpB by 2025	69%	30%	42%	58%	29%
 km KM increase by 2025 (approximate)	160	480	330	105	475

