

Hi from Mapillary team

Hi there,

We have put together this deck for you who want to hold a presentation about Mapillary. Fell free to use the slides that fits your purpose.

If you are having a presentation about Mapillary please reach out to us at hello@mapillary.com so that we can send you some swag. We could also send you the presentation in a different format (ppt or key).

All the best,

The Mapillary Team

Note: If you want to include a few slides on OpenStreetMap, the iD Editor and JOSM there is an additional deck for that.

A photograph of a traditional Buddhist temple complex in Bagan, Myanmar. In the center is a large, dark brown temple with multiple tiered roofs and a prominent, pointed golden stupa at the top. The temple is set against a backdrop of a clear blue sky with some wispy clouds. In the foreground, there's a dirt path leading towards the temple, flanked by lush green trees and bushes. A few people are visible on the path, providing a sense of scale to the massive structure.

Photo Mapping the World Together



A wide-angle photograph of a stone-paved path leading up a steep, green hillside. The path is made of large, irregular stones and curves slightly to the left. The hillside is covered in dense green vegetation, with some orange and yellow flowers visible at the bottom. The sky is clear and blue.

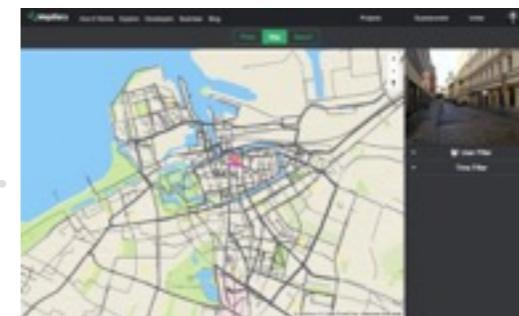
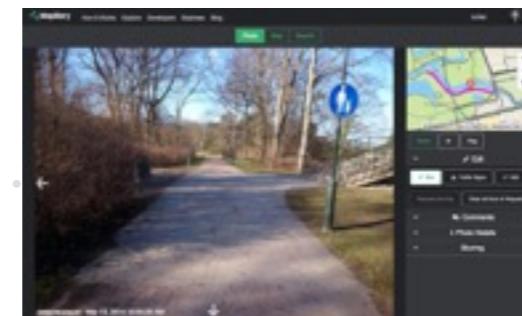
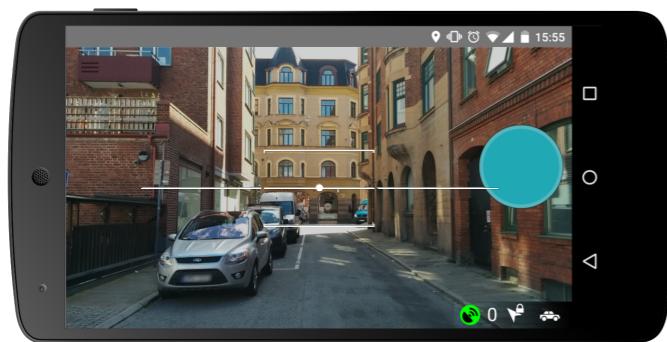
Mapillary is a service for
crowdsourcing street level photos

A new approach to street view

Mapillary creates street level photos by using computer vision to stitch together overlapping photos taken with any camera.



How it Works



Capture

Use the free Mapillary app or an action camera to take photos of your neighborhood, your everyday hiking tour or your life adventure. Anyone can do it.

Share

Upload the photos to Mapillary. They will be connected with others' and combined into a street level photo view.

Explore

Use the map to find and look at places. We connect all photos for you to explore the world in a new way.

Community

Photos are captured by people like you. Together we're photo mapping the world to understand places better.

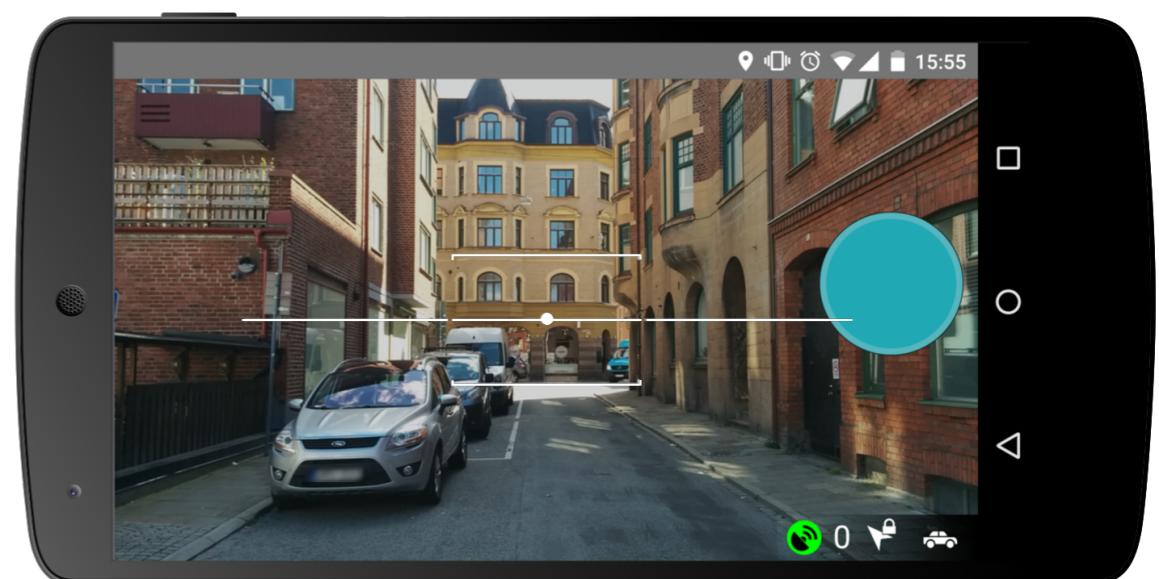
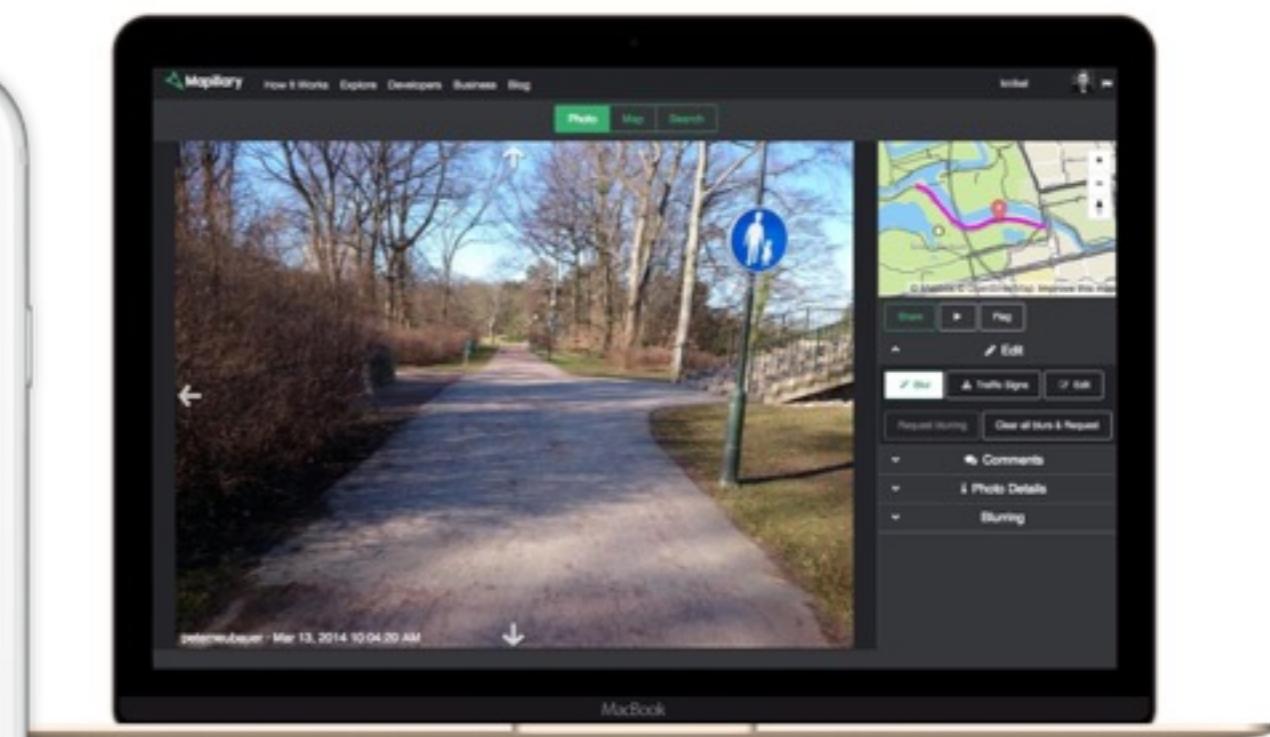
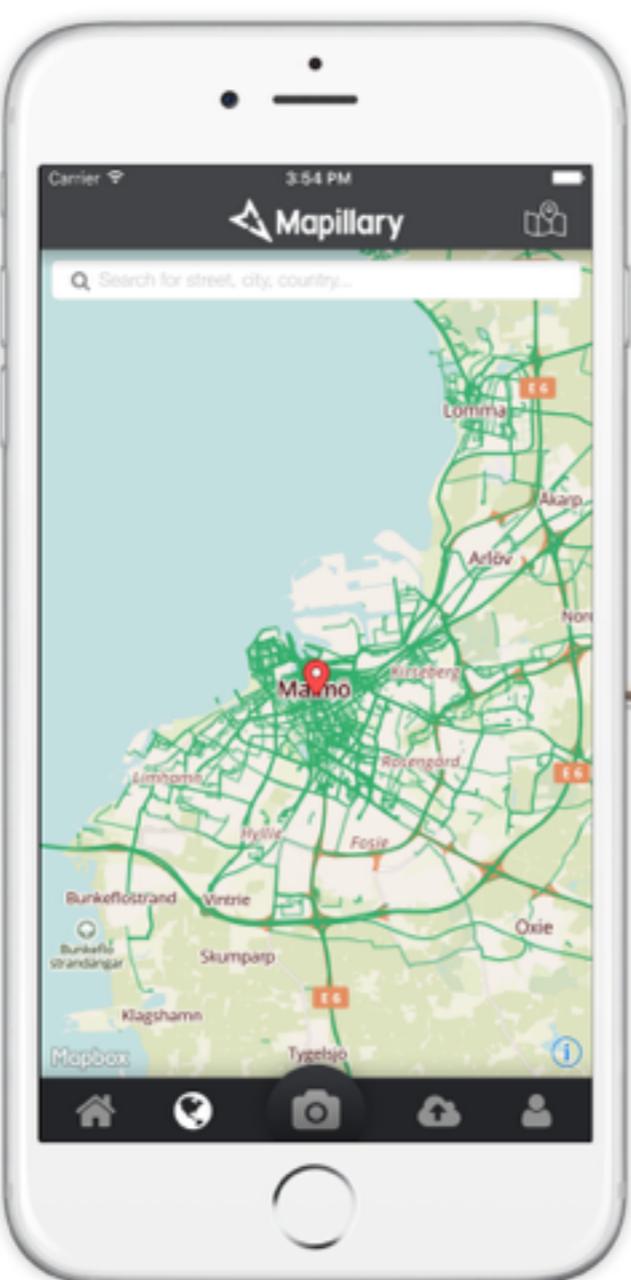
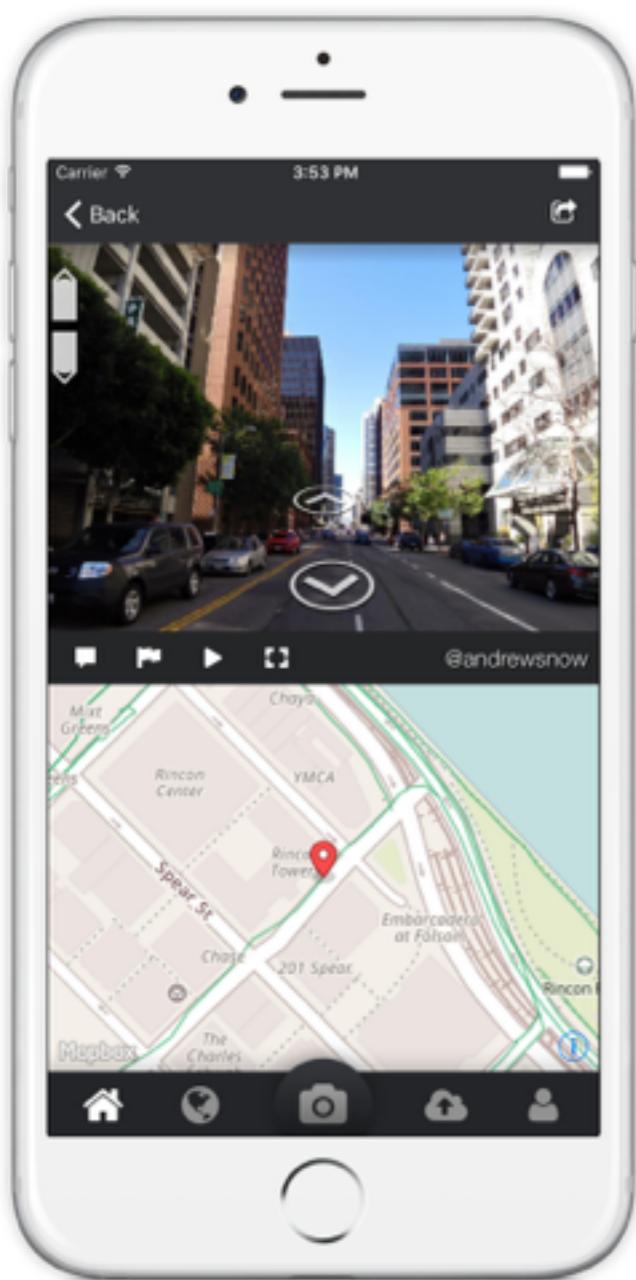
Citizen engagement meets mobile mapping

Mapillary's mission is to create a photo representation of the world – anyone with a mobile phone or camera can contribute.

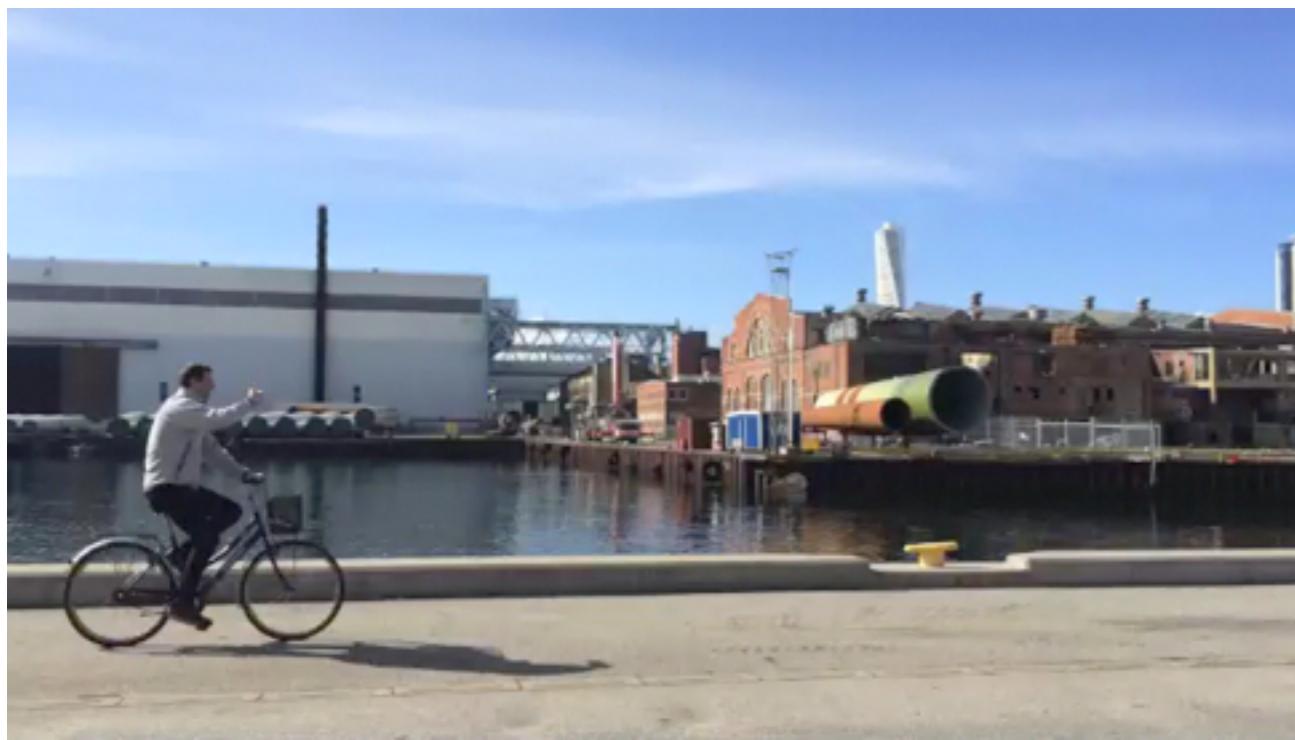


Mobile & Web

App Store, Google Play, Windows Store, and Amazon Store



Capturing

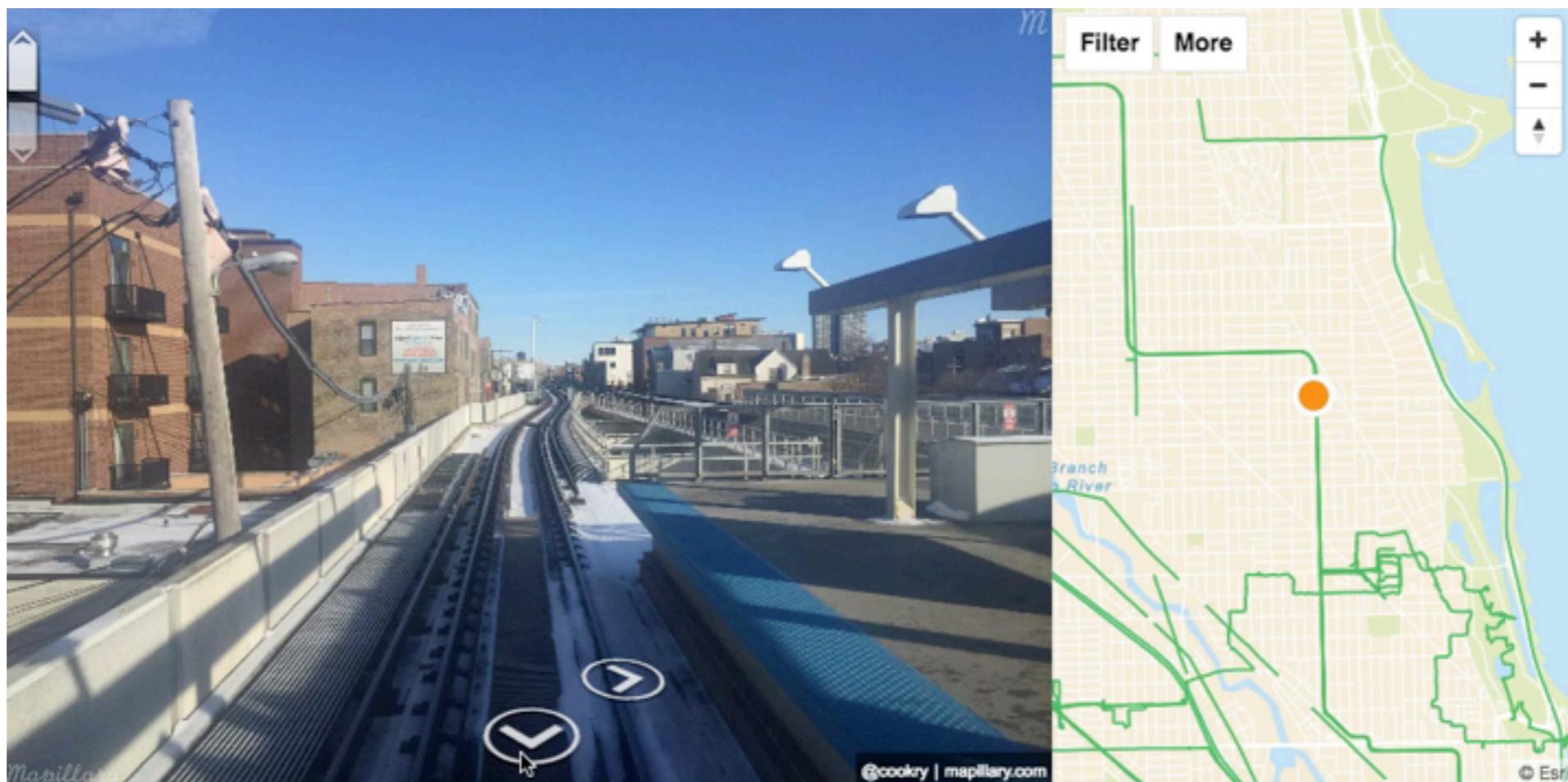


Better reach, fresher content



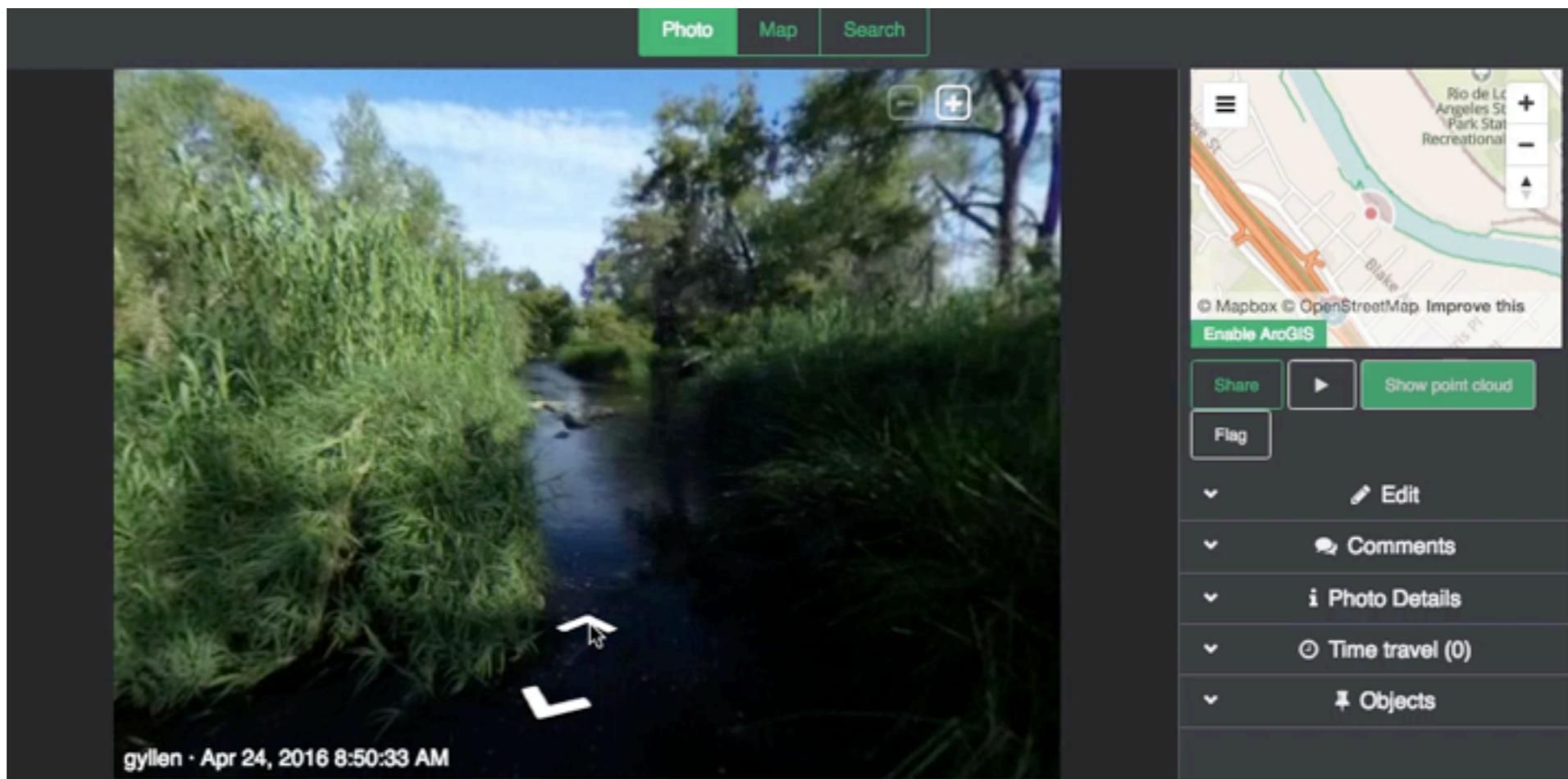
Greater Reach

People can go where Street View cars cannot – foot trails, bike paths, train tracks, waterways, and remote locations.



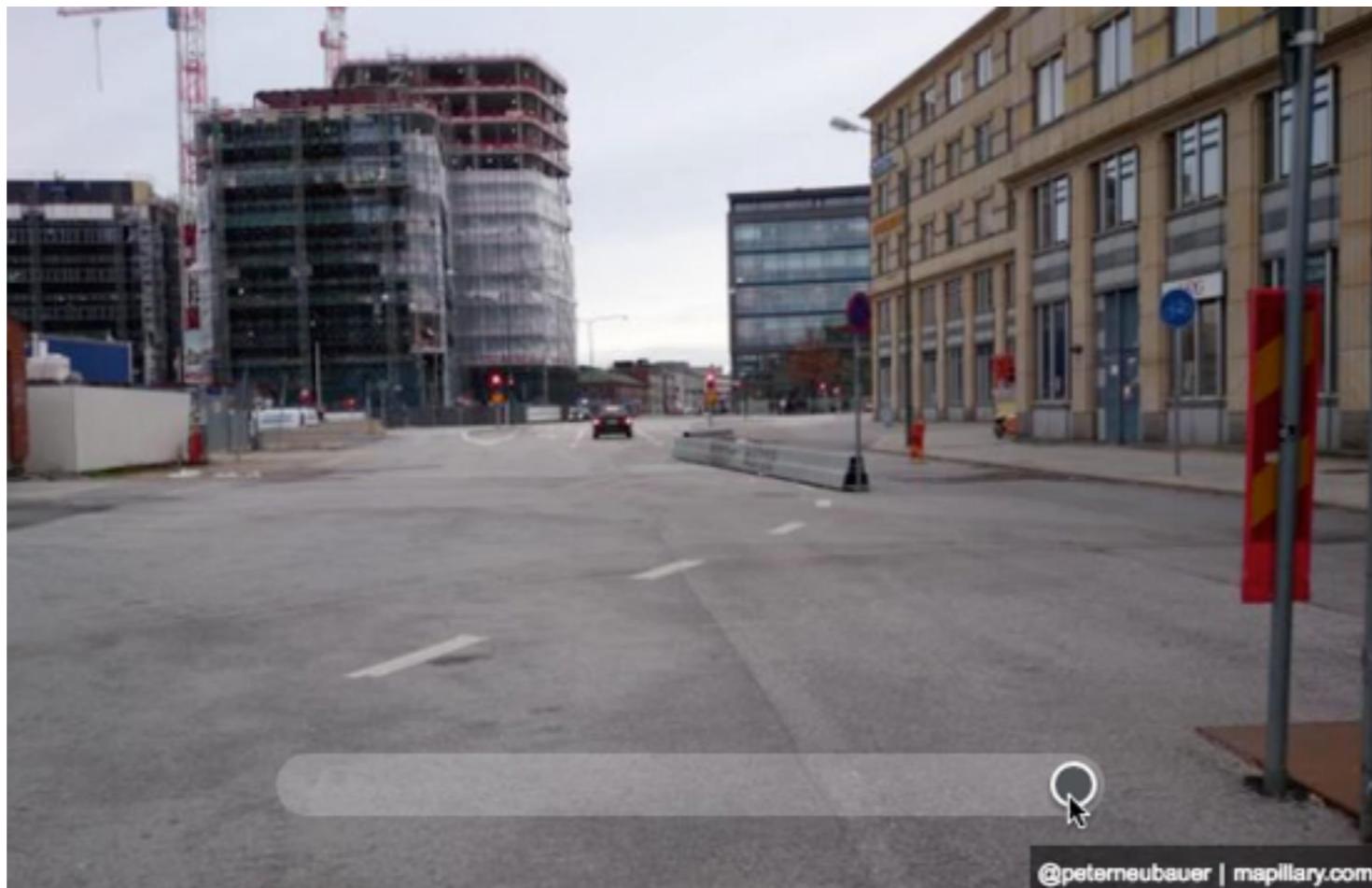
Quick turnaround

New photos are available on the map and stitched together with existing photos within hours – not months – of upload



Freshness Content

Photos can be captured as recently and as often as needed to track changes at a location.



@peterneubauer | mapillary.com

m



Behind the scenes

Image Processing

Upon upload, photos are processed immediately to blur faces and license plates, and to detect features.

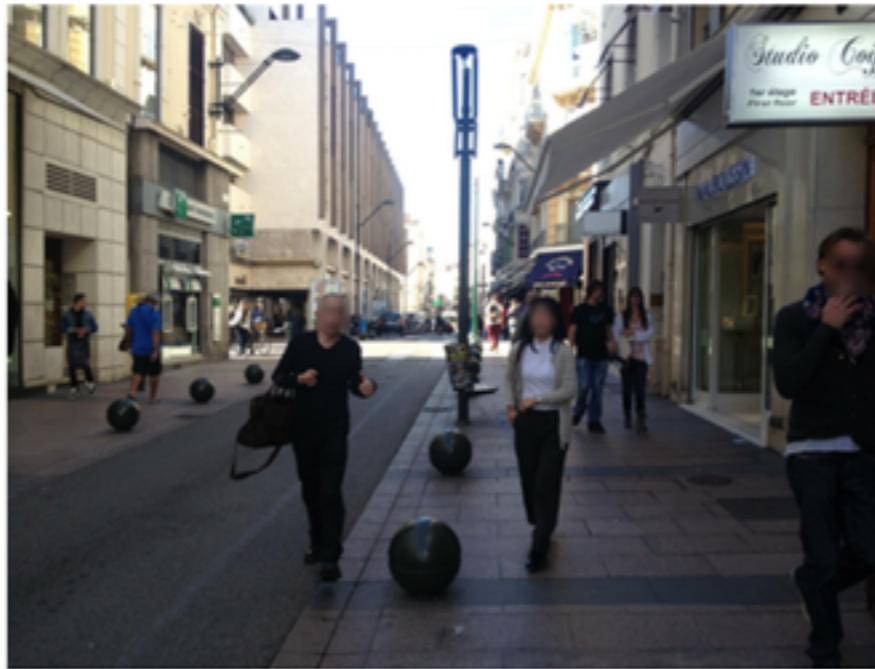


Image Matching

Photos are positioned based on their GPS information and match common points across photos.

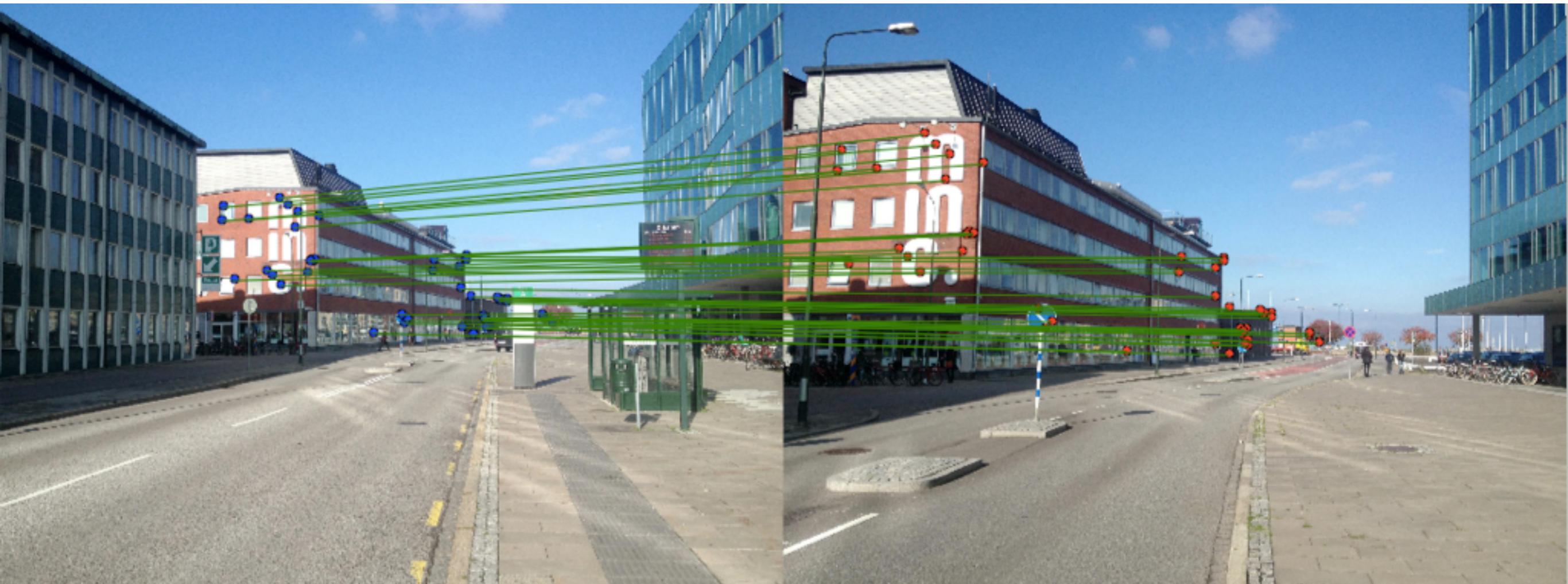
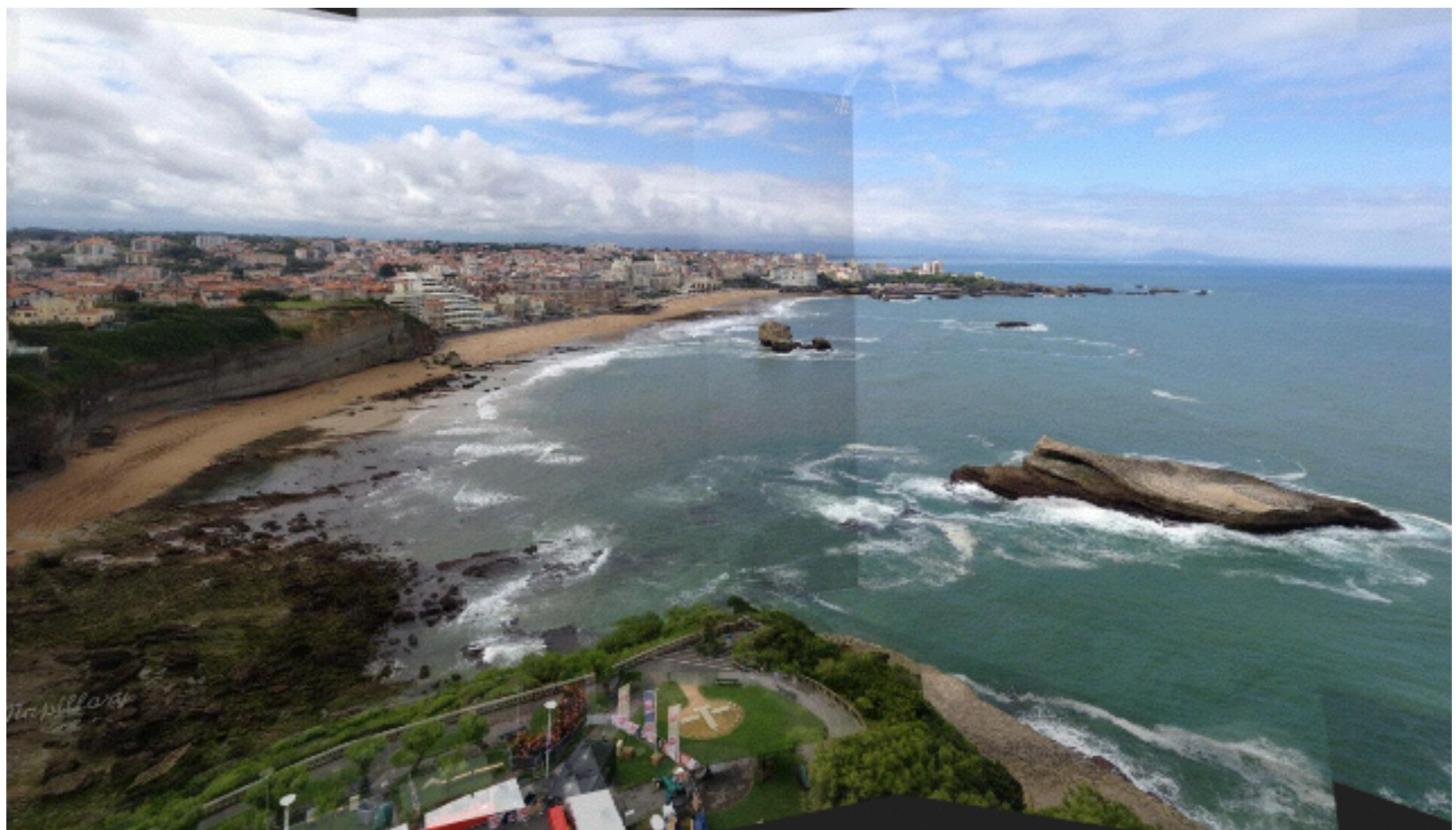


Image Stitching

Photos taken in a sequence are connected to each other, and to other sequences in the same location.

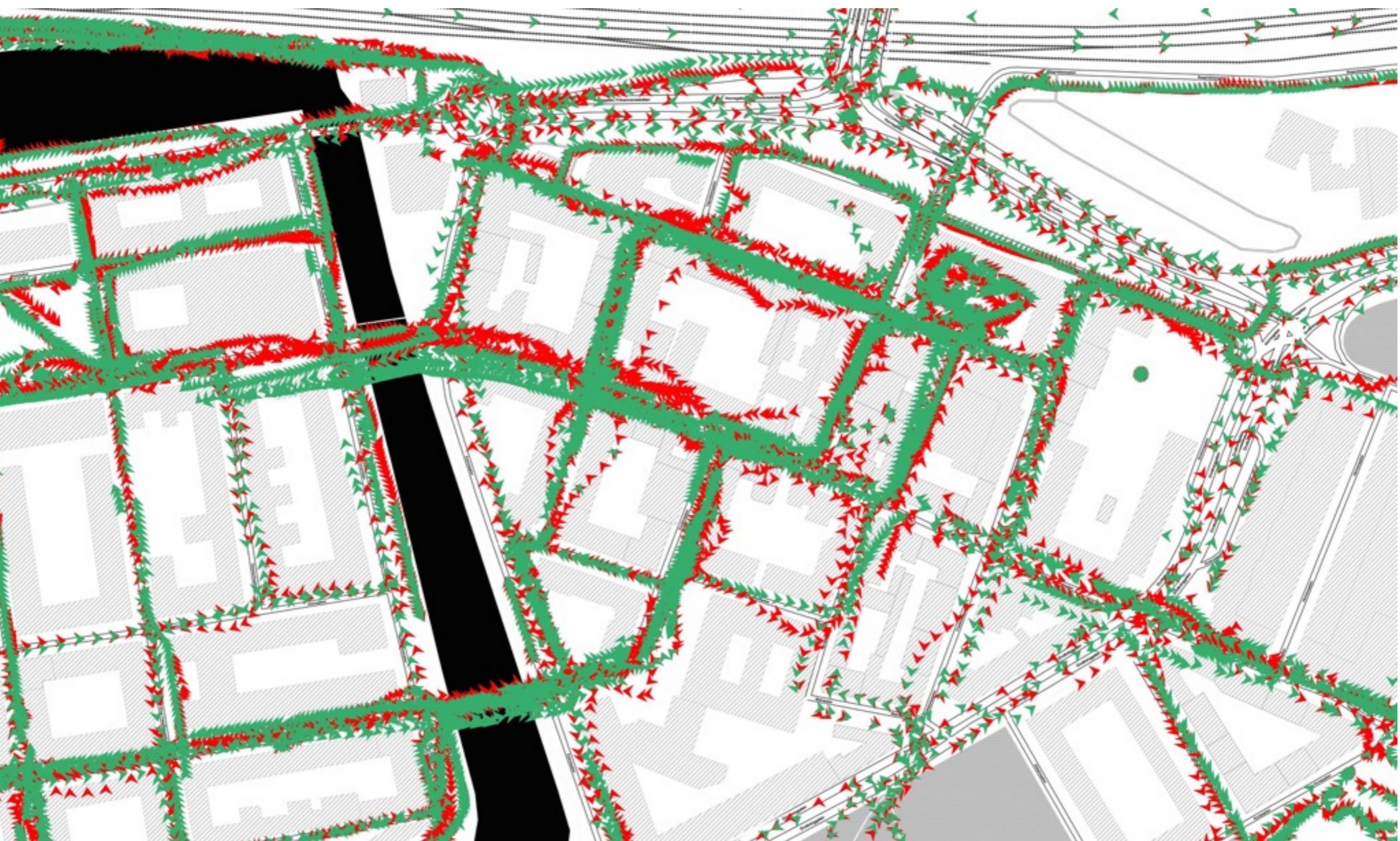


Point Clouds

The resulting 3D models enable viewers to walk through virtual scenes and extract geospatial data



Localizing with 3D

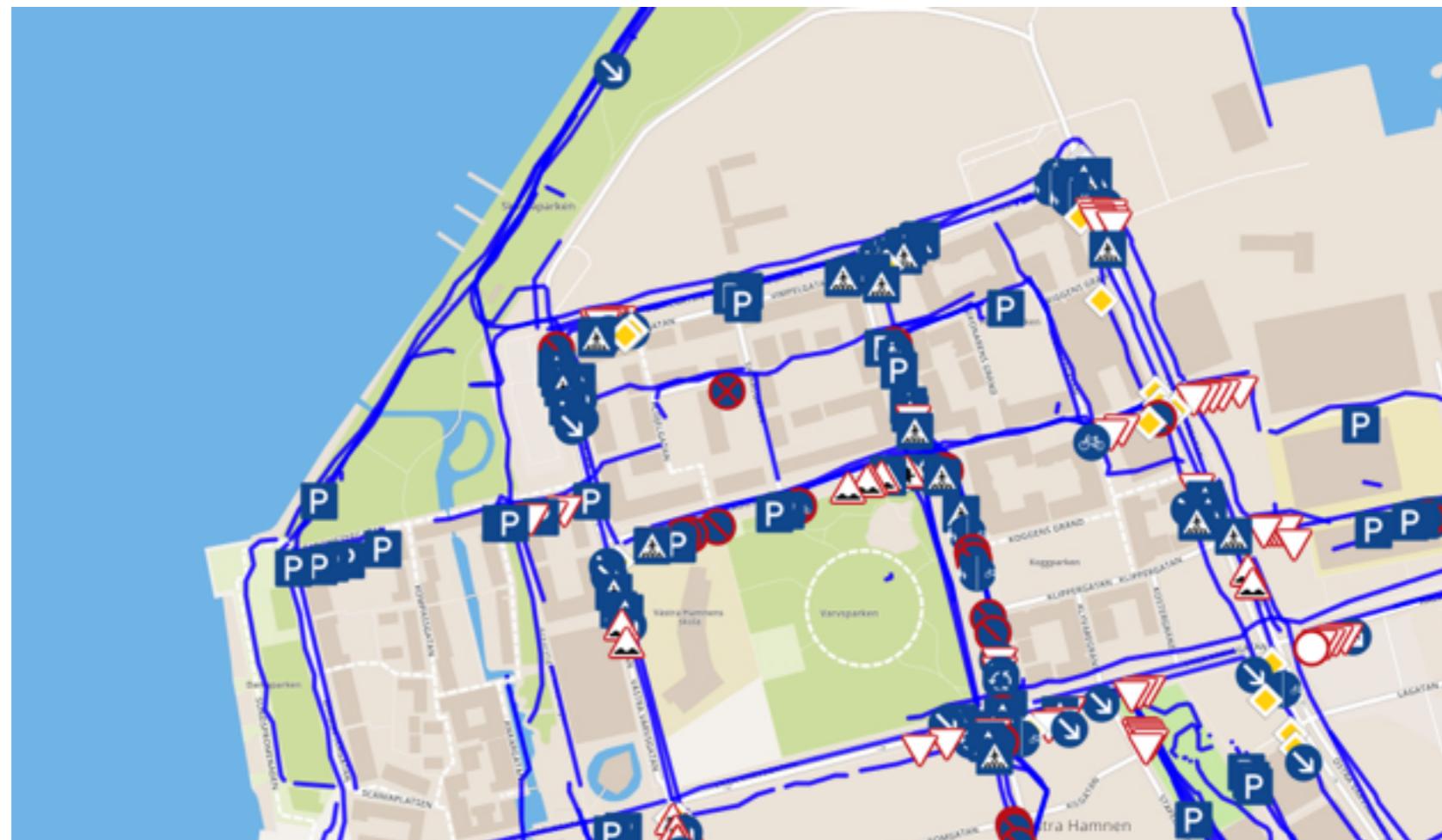


Vector Data & 3D



Traffic Sign Recognition

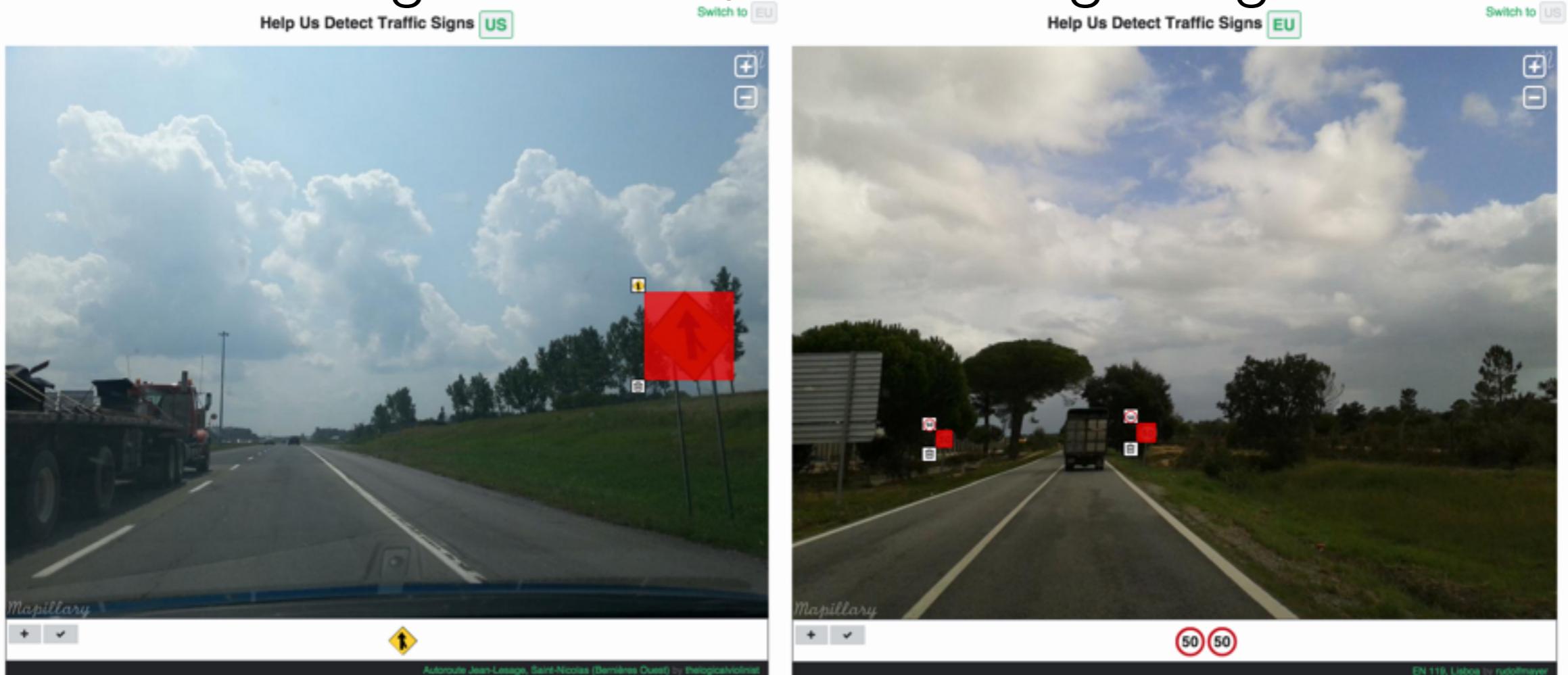
Mapillary detects and recognizes traffic signs in the U.S. and Europe based on training data from the Mapillary community.



Traffic Sign Game

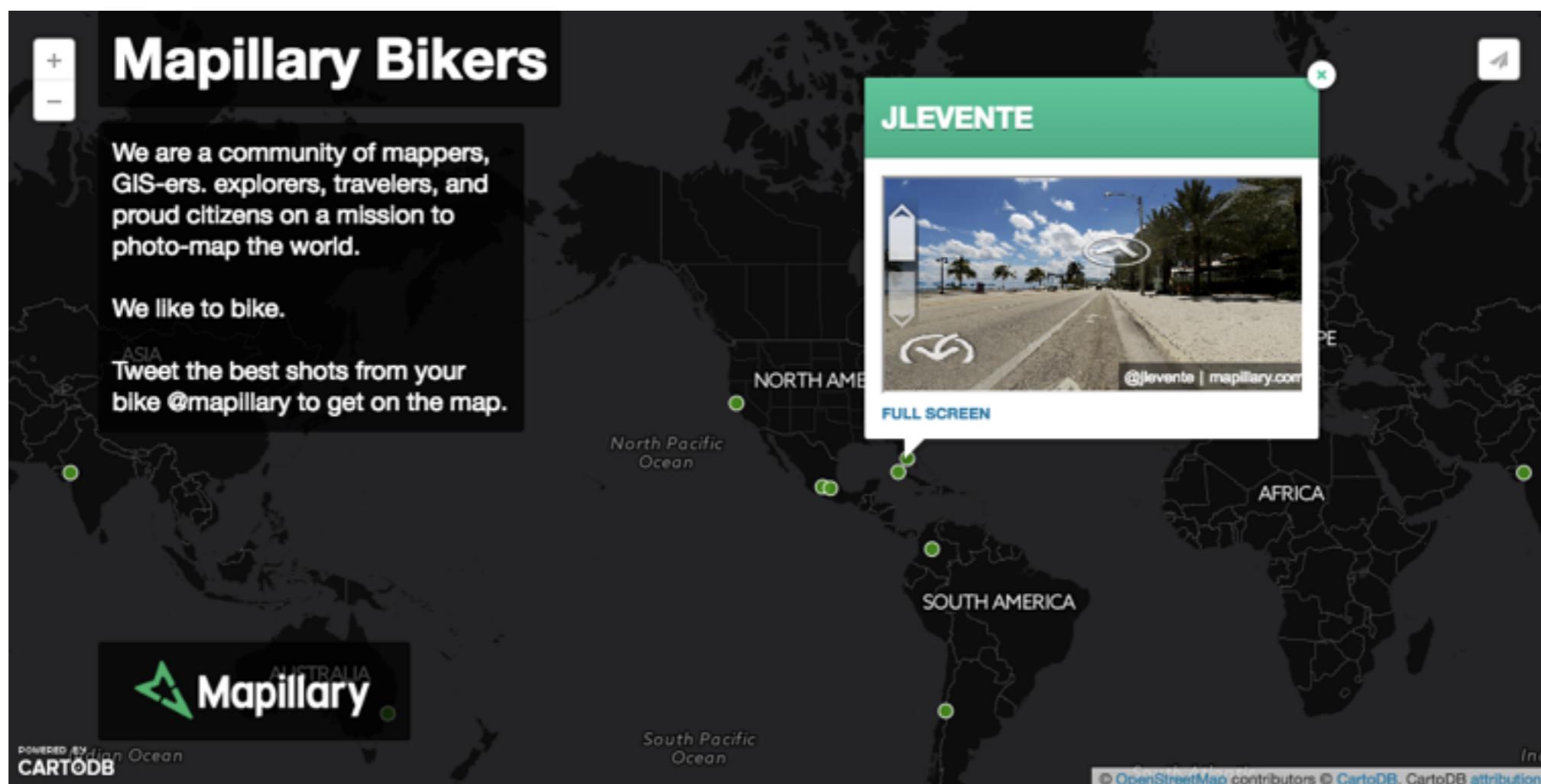
6M signs detected
EU (3.6 M), AU(1.5M), US (610K), ...

125k images verified/edited using the game



Mapillary standalone viewer

Mapillary can now be embedded in any software or service using a simple JavaScript Library



A wide-angle photograph of a rural mountain village. The village is built on a steep, rocky hillside covered in dense green vegetation, including large trees and bamboo. Several traditional stone houses with tiled roofs are scattered throughout the hillside, some appearing to be in disrepair. In the foreground, a dirt path or road is visible, composed of dirt, rocks, and gravel, leading upwards towards the village.

Community stories

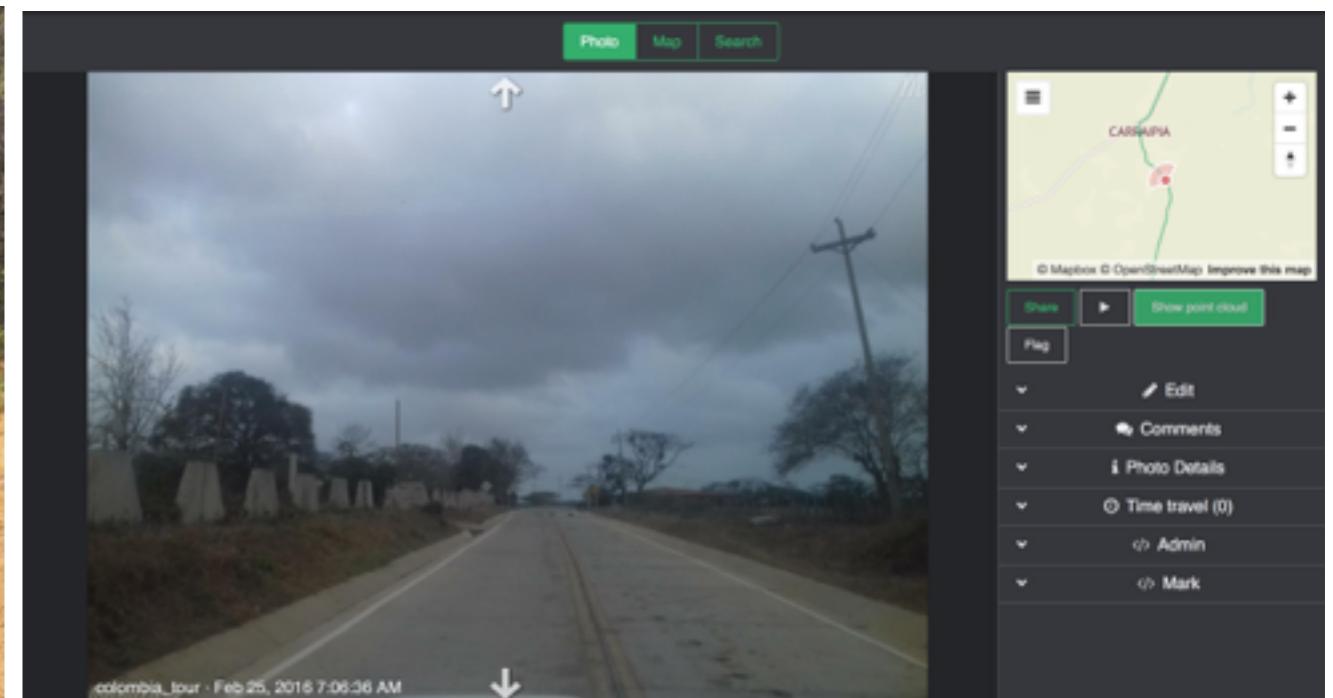
Citizen engagement

Challenged citizens to identify disabled access issues through a Pedestrian Walk event in Mexico City



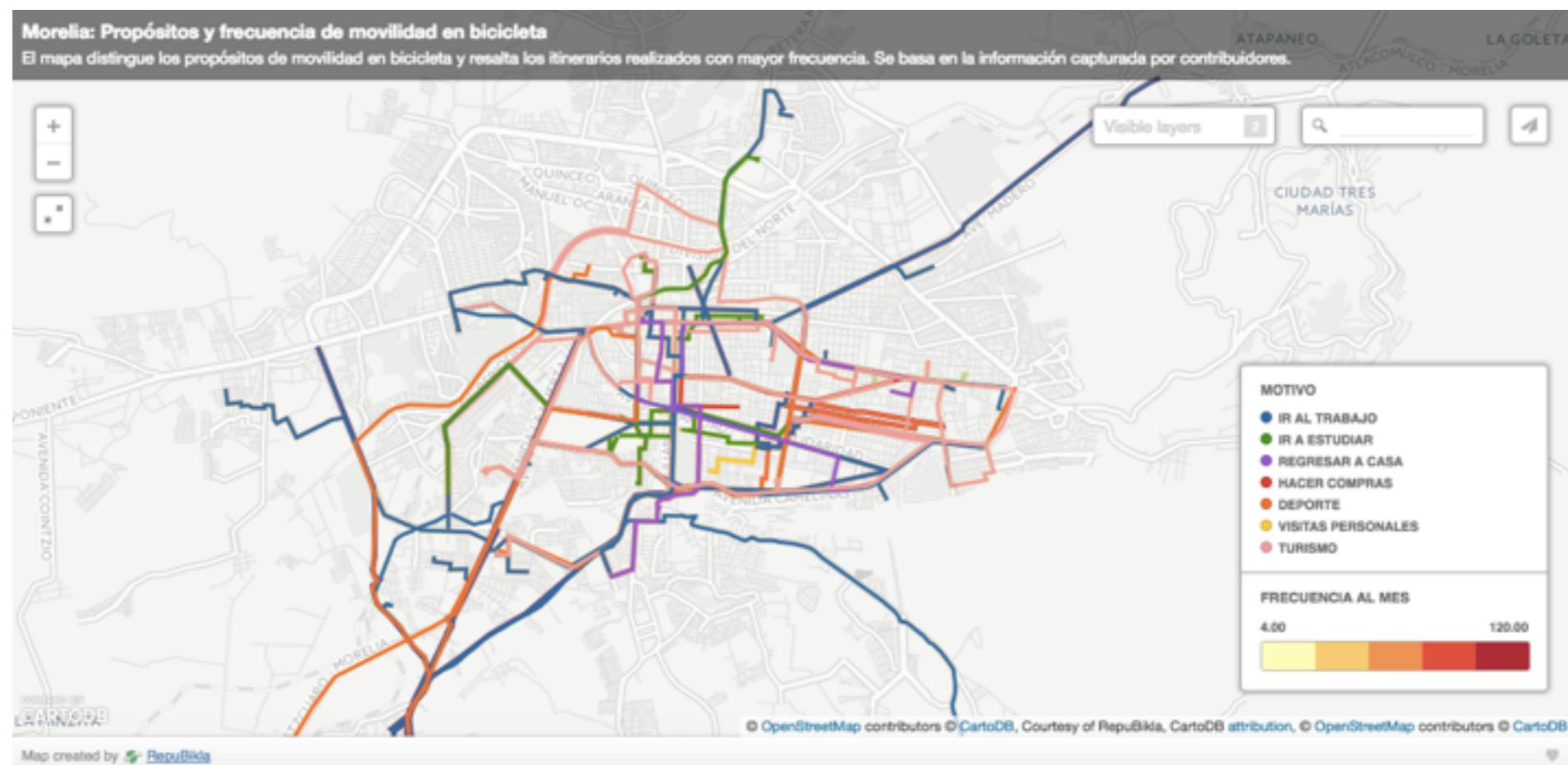
Humanitarian mapping

Collect geographical data that can provide enough information to make decisions around basic sanitation and water for the community.



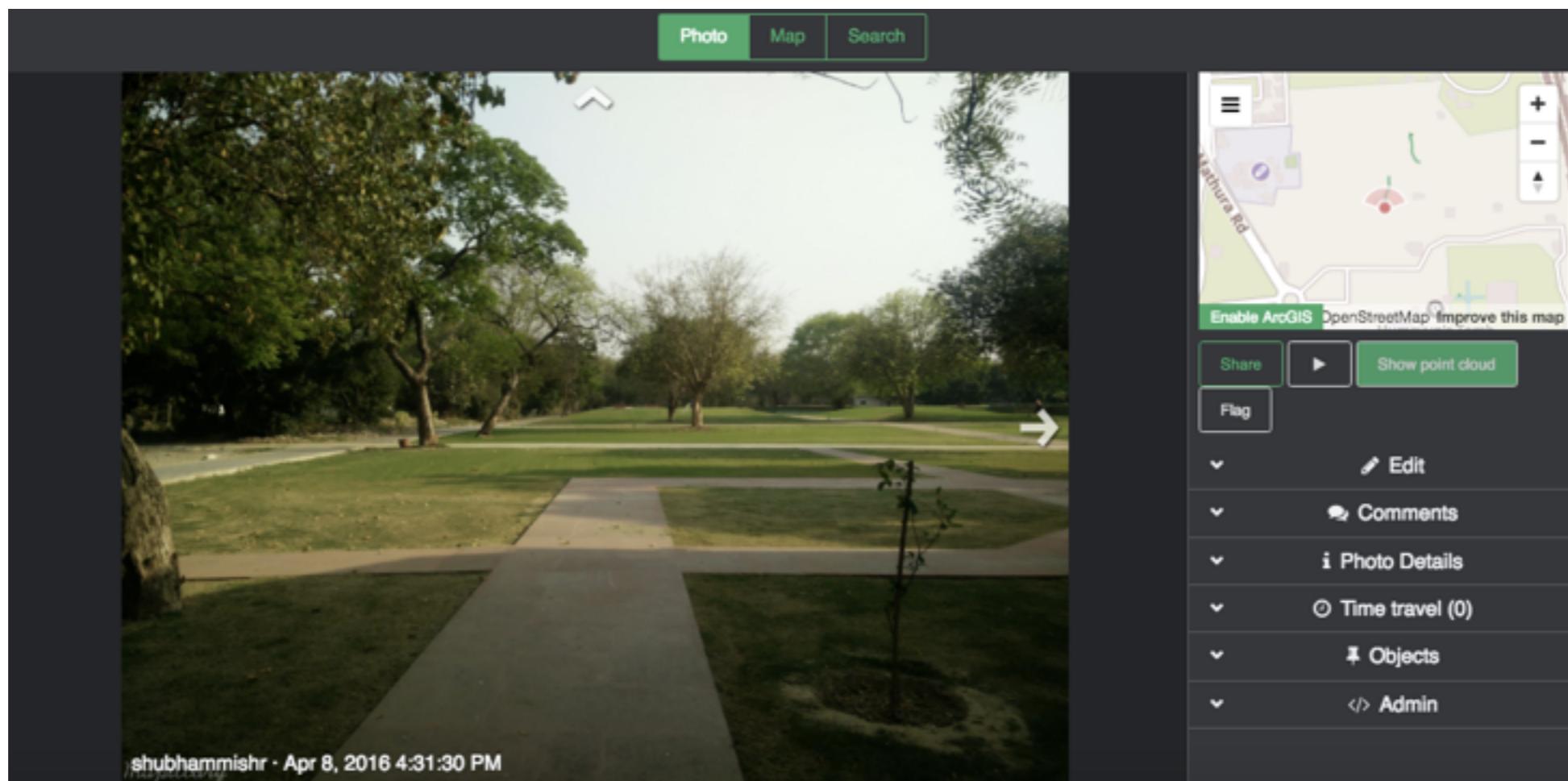
High traffic routes

Supported efforts by bike activists to document high-traffic routes in Mexico City for transit and parking planning



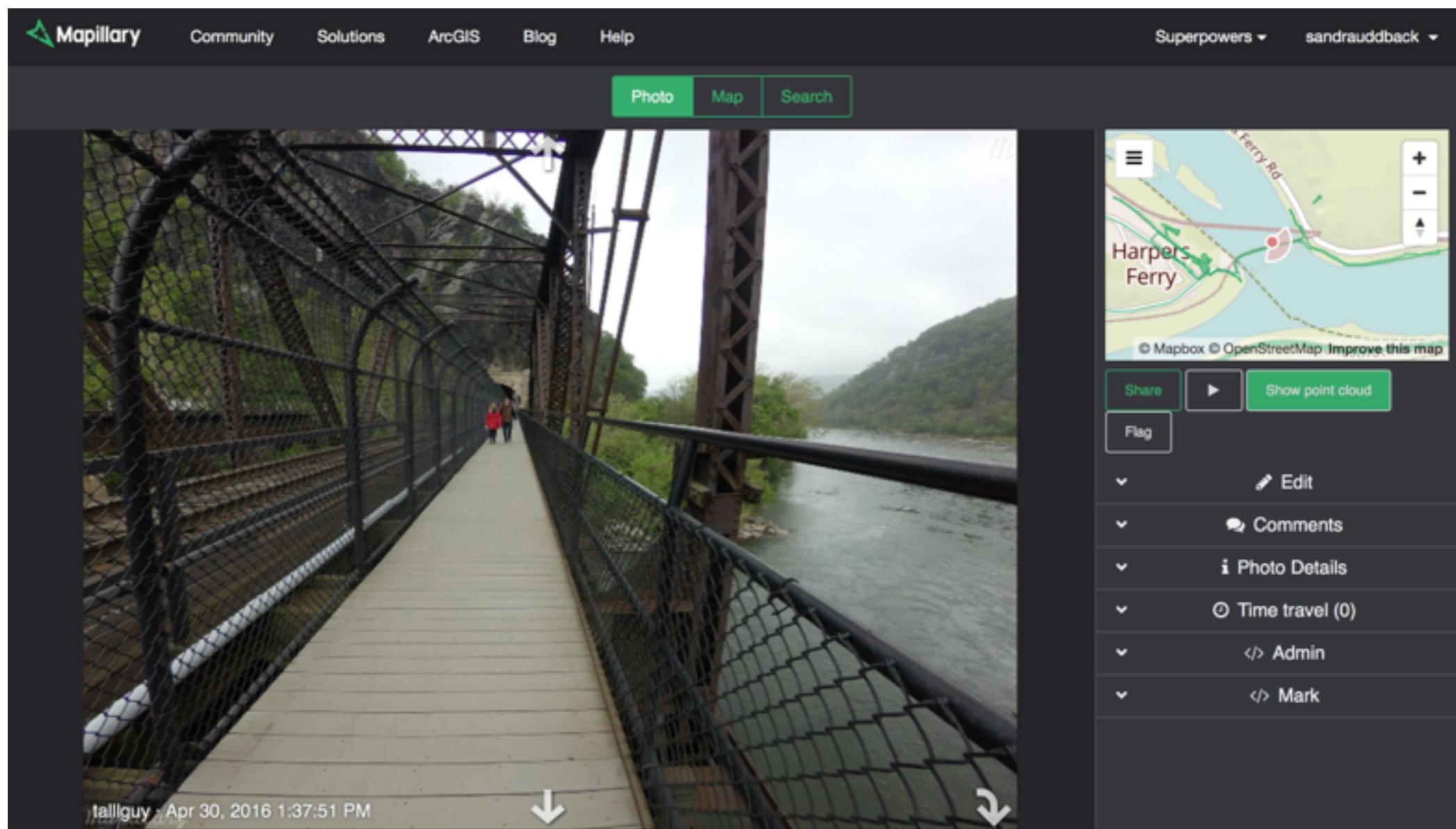
Green Cities

Showcased urban parks at the 70-acre Sundar Nursery in the middle of New Delhi



Explore the nature

Photo mapping national parks in the US





Map with us!



@mapillary



@mapillary



hello@mapillary.com