

CO-FOUNDER SAFECAST

SEAN BONNER

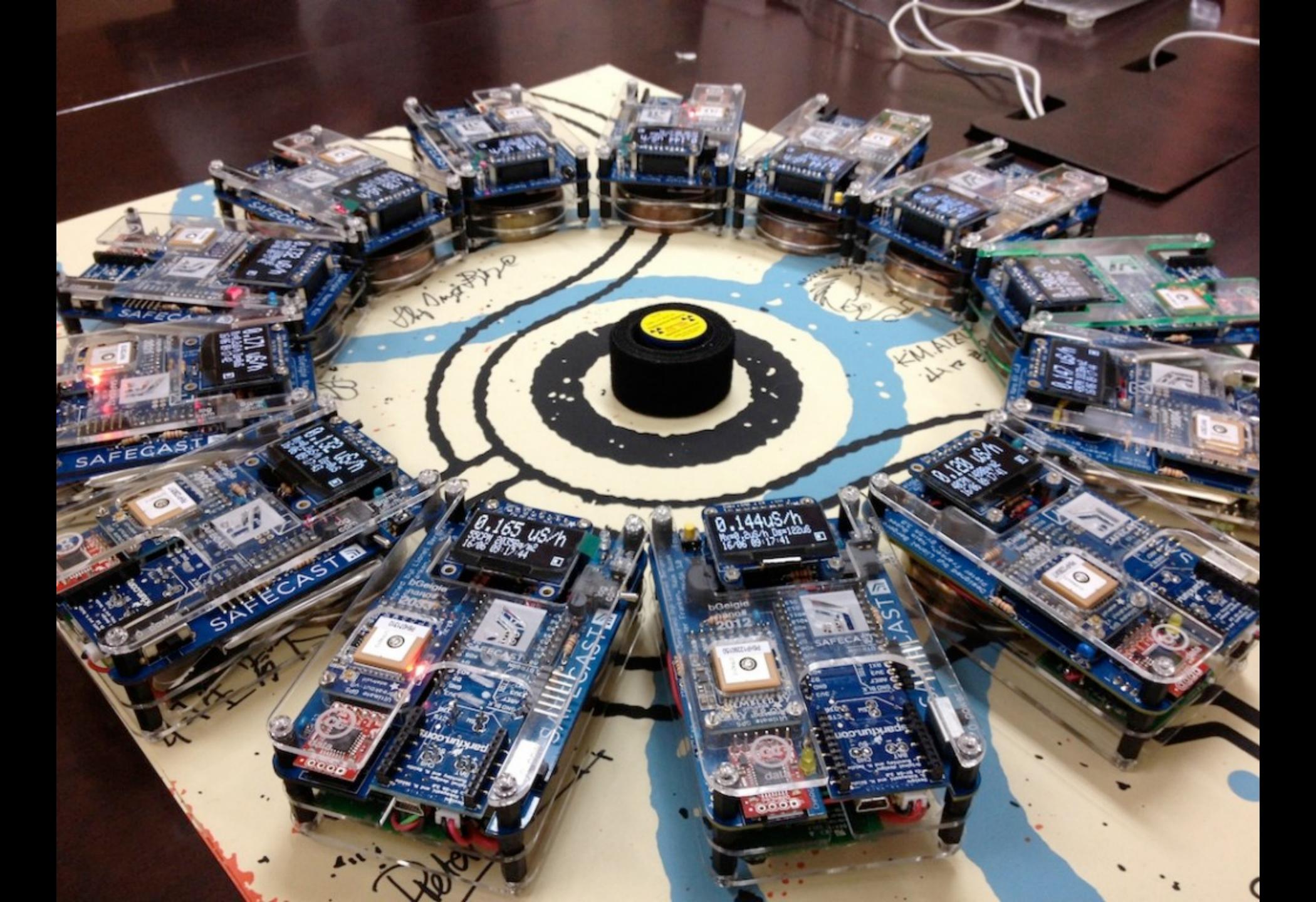
ASSOCIATE PROFESSOR, KEIO UNIVERSITY ASSOCIATE RESEARCHER, MIT MEDIA LAB // @SEANBONNER

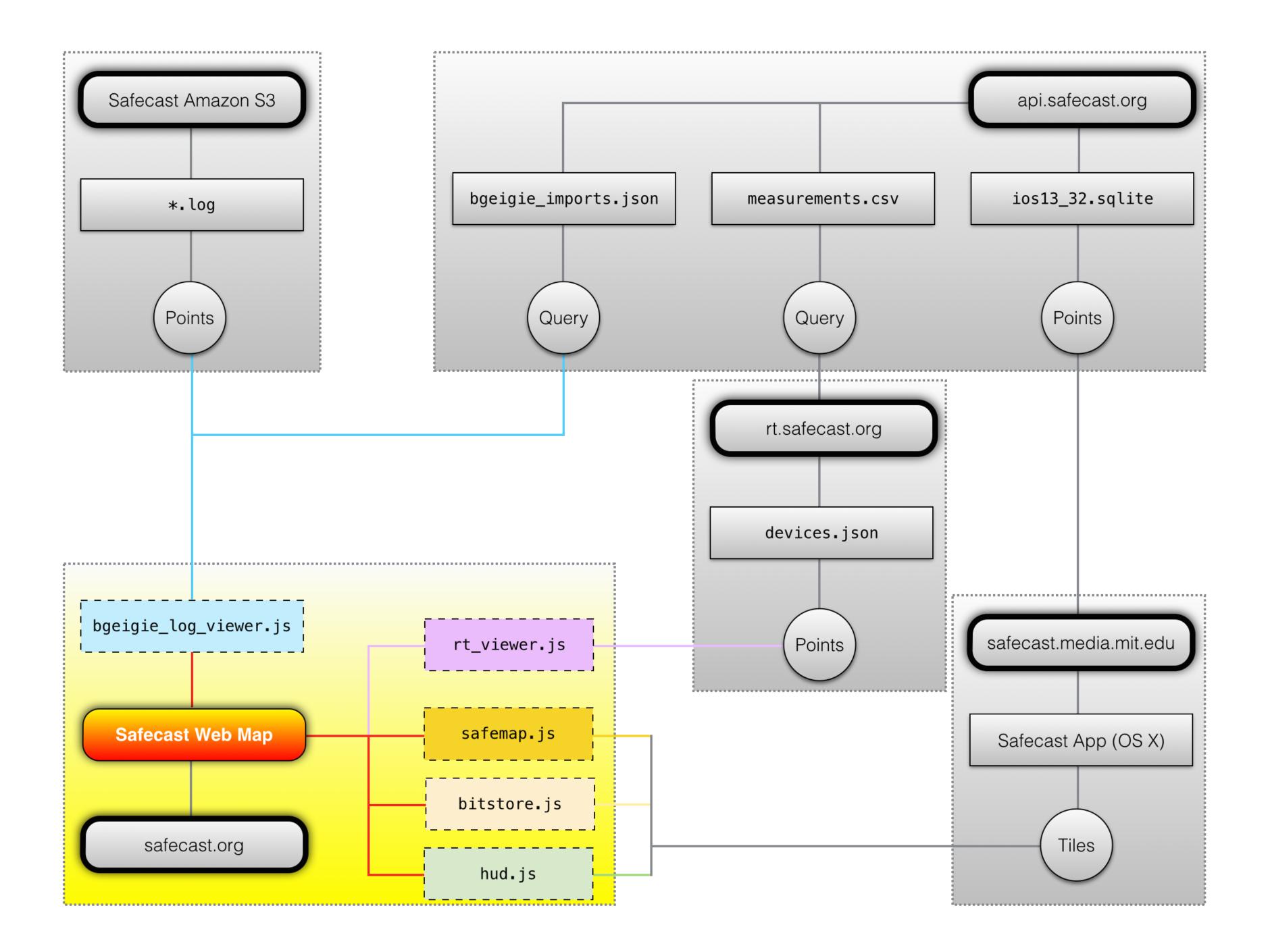
"THE MOST SUCCESSFUL CITIZEN SCIENCE PROJECT YET."

CITIZEN SENSING MAY BE MORE ACCURATE

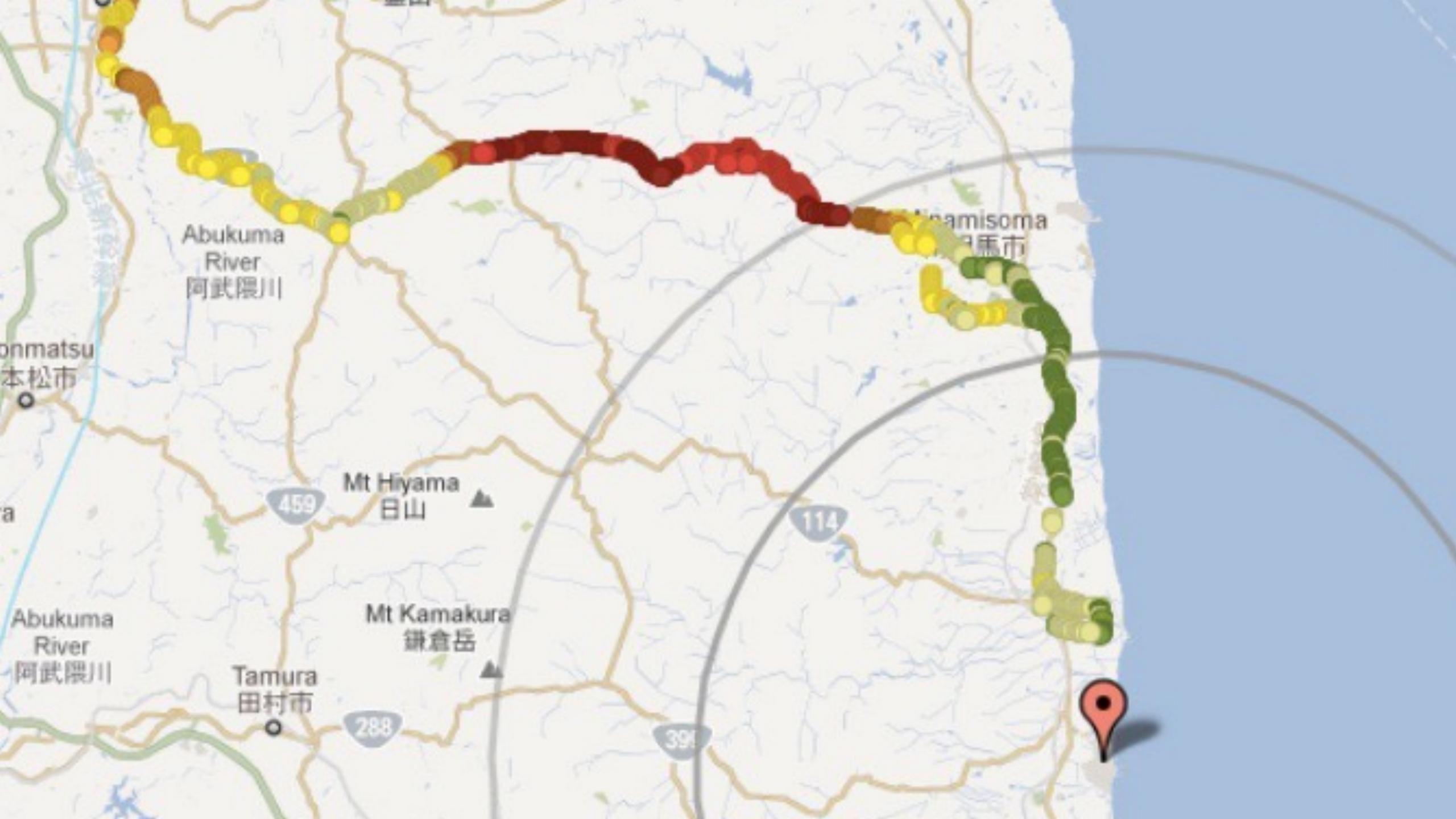
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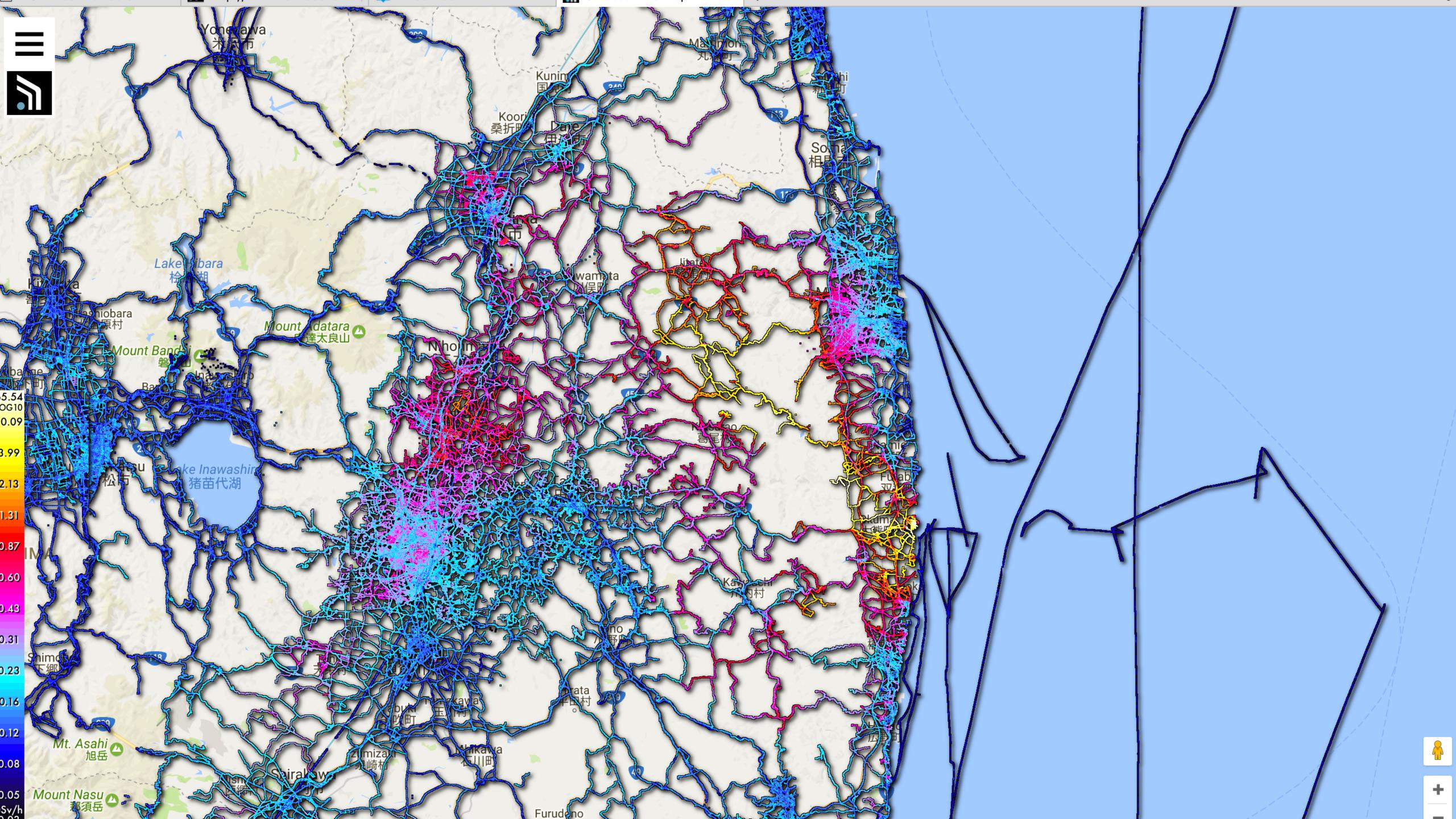


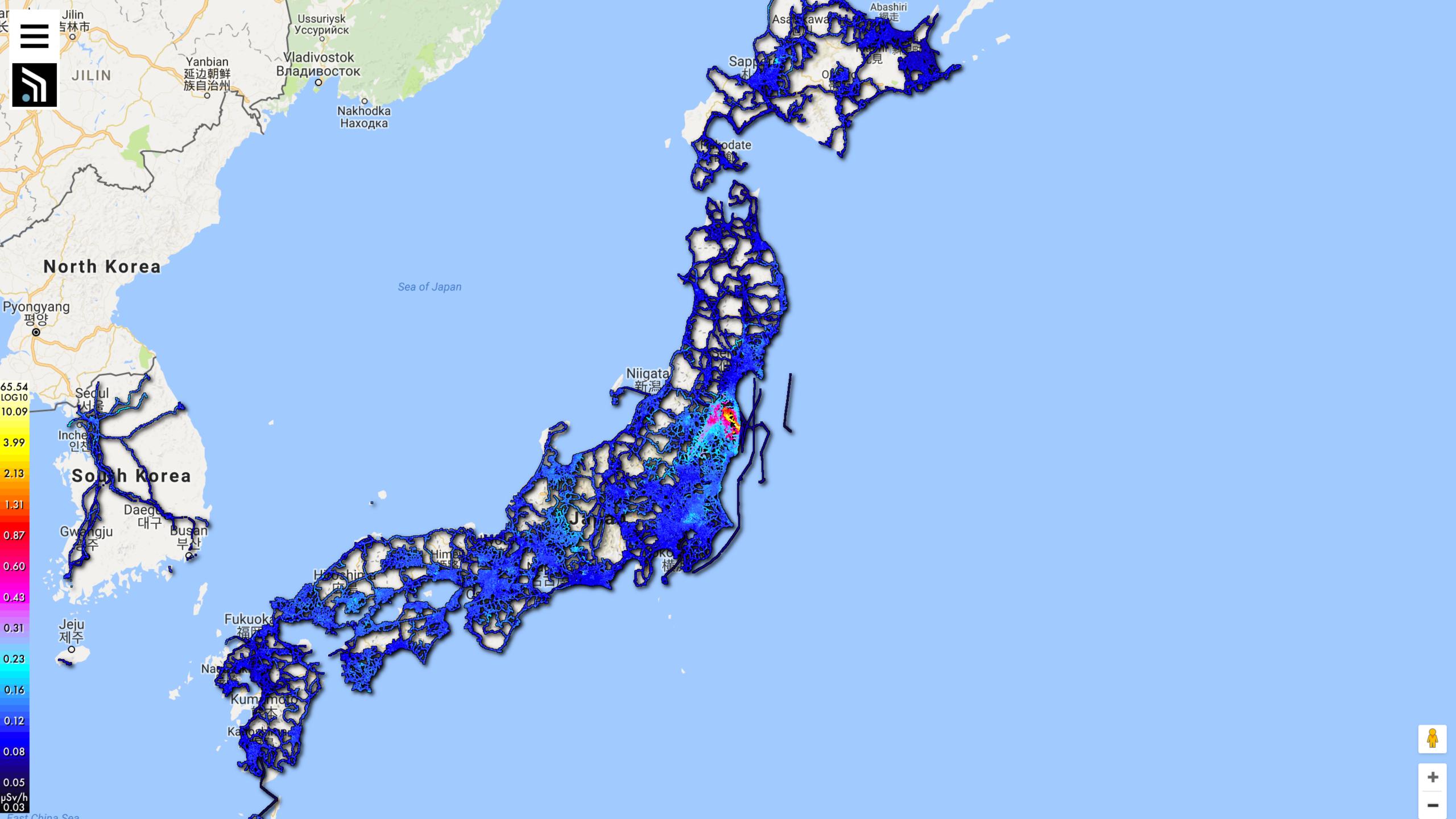


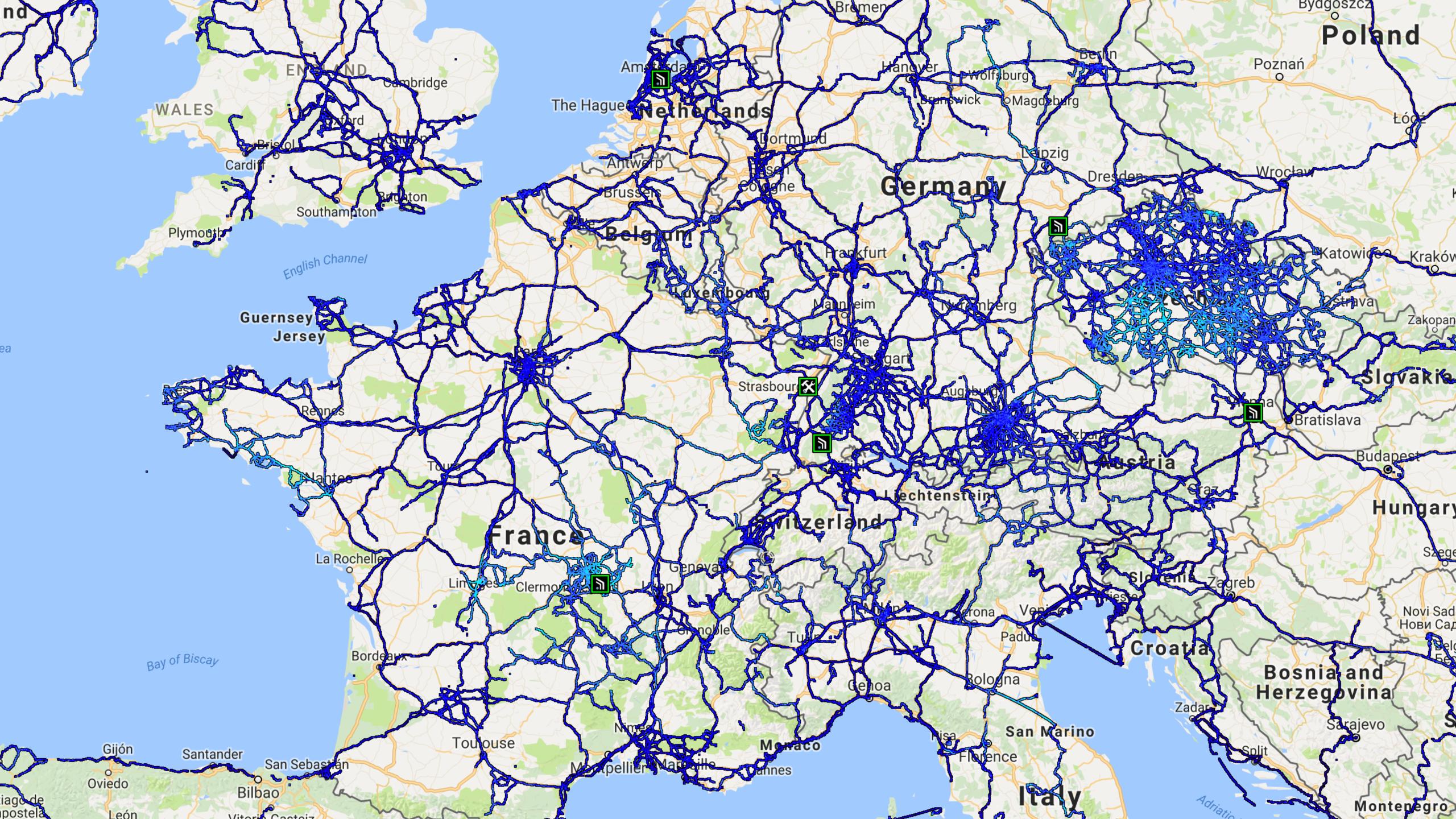


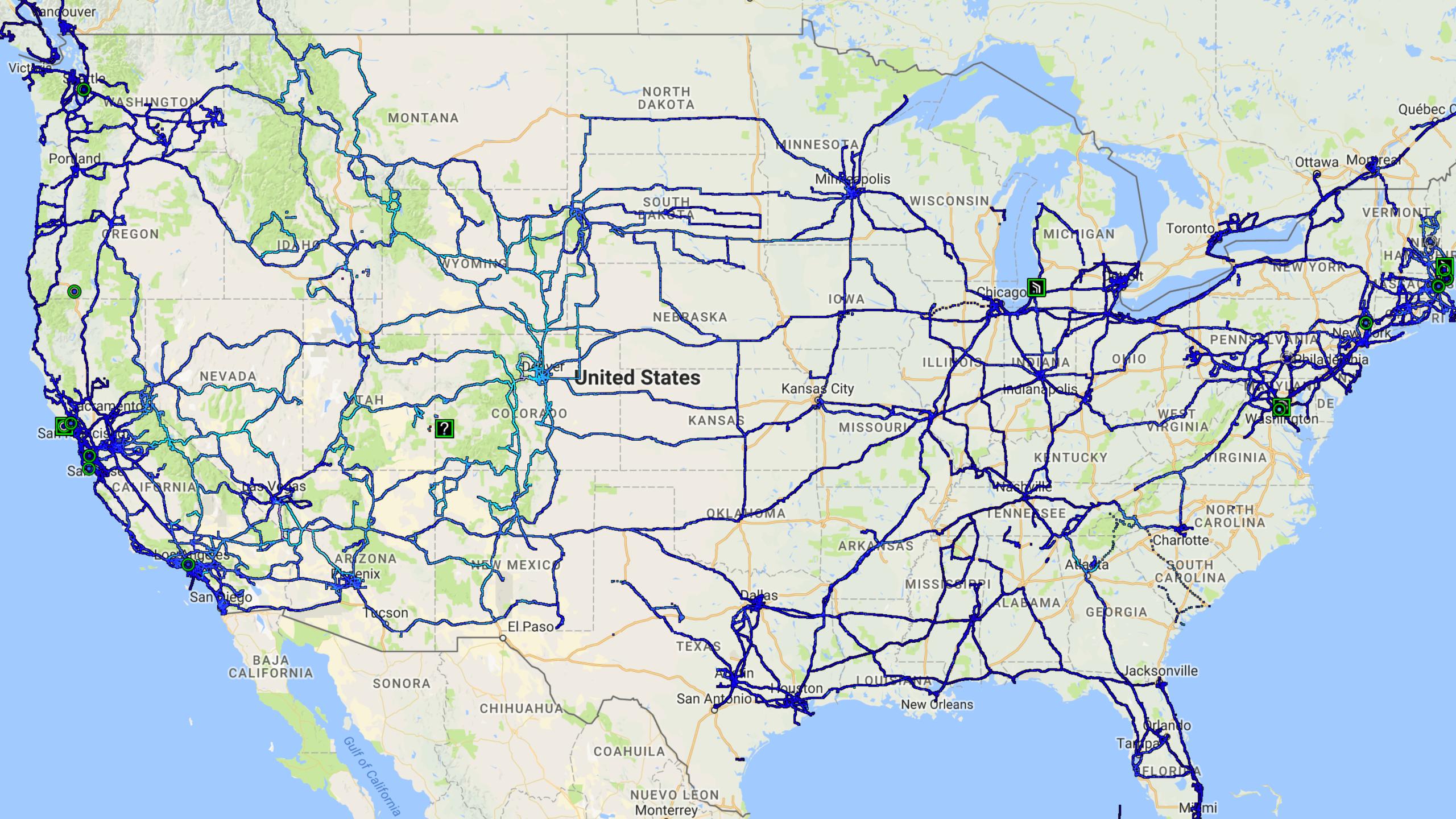


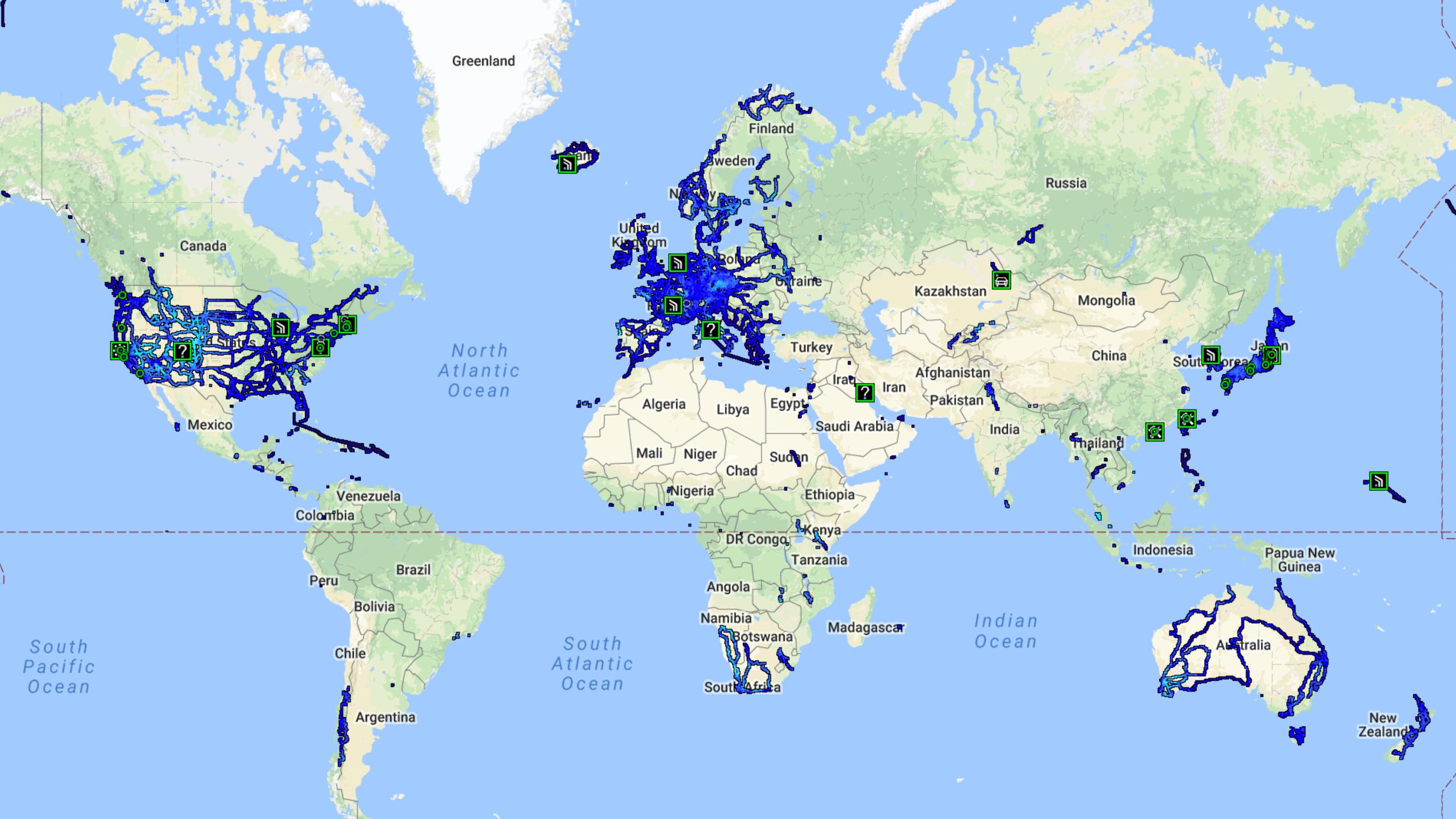








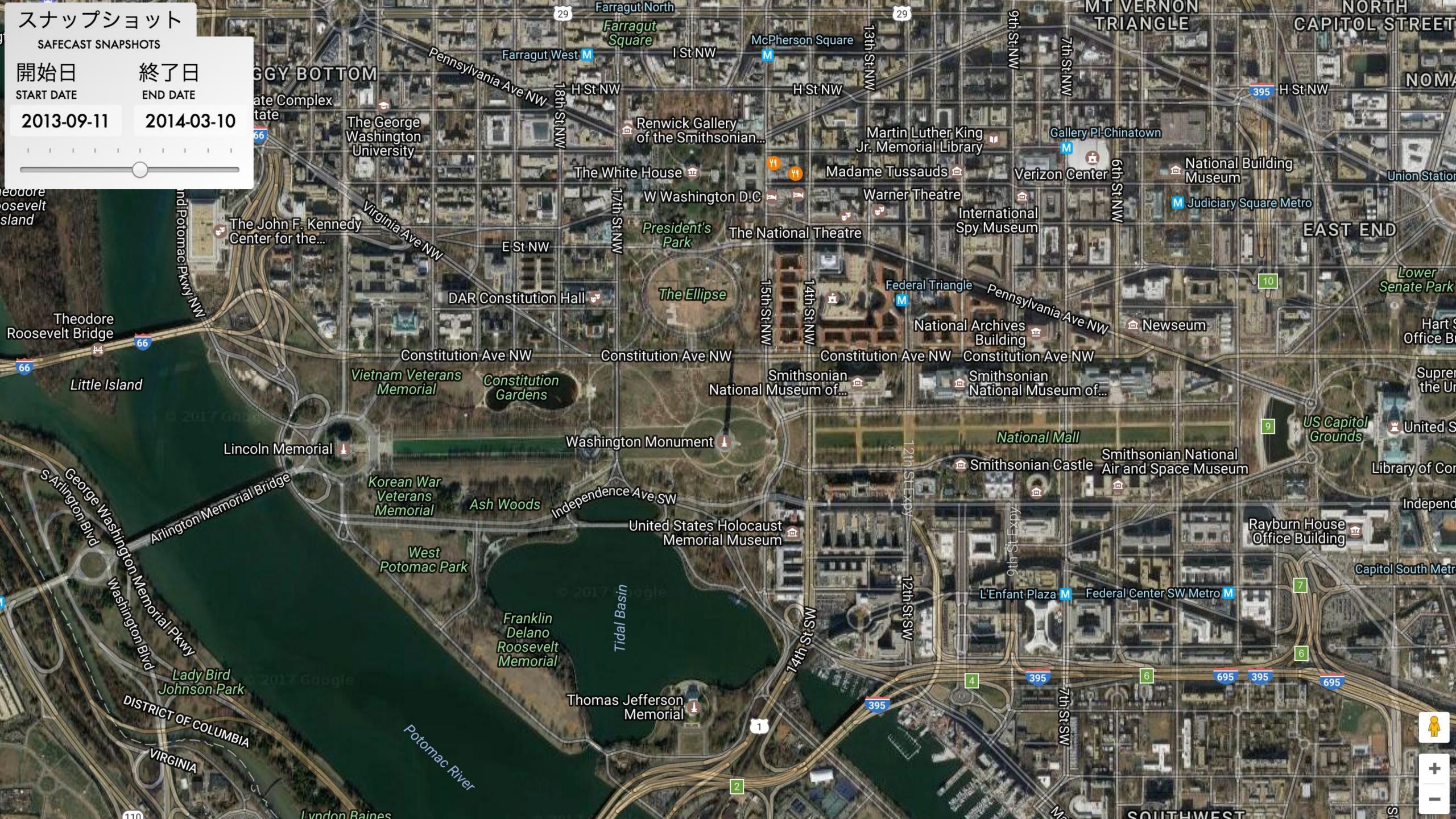


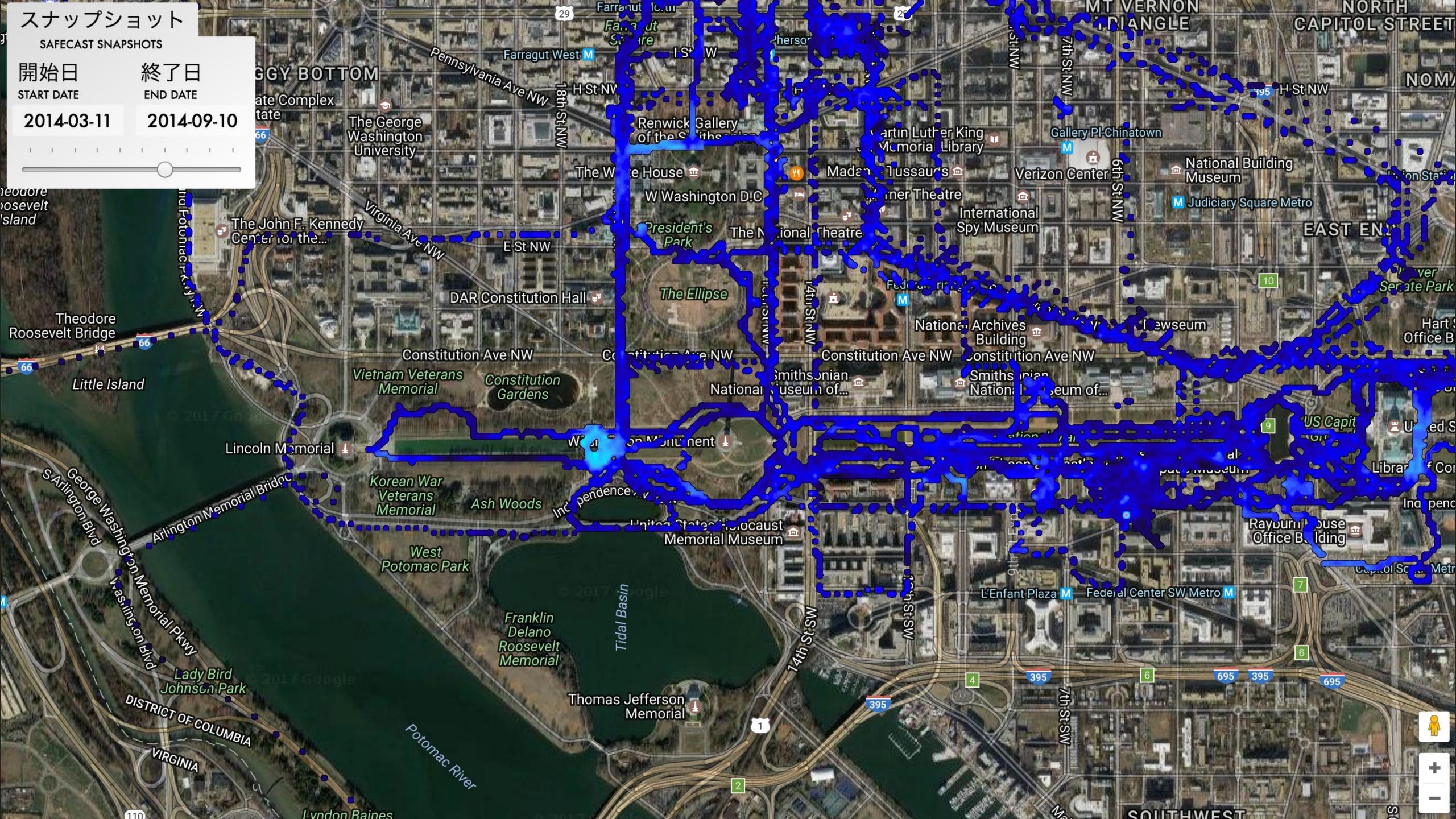


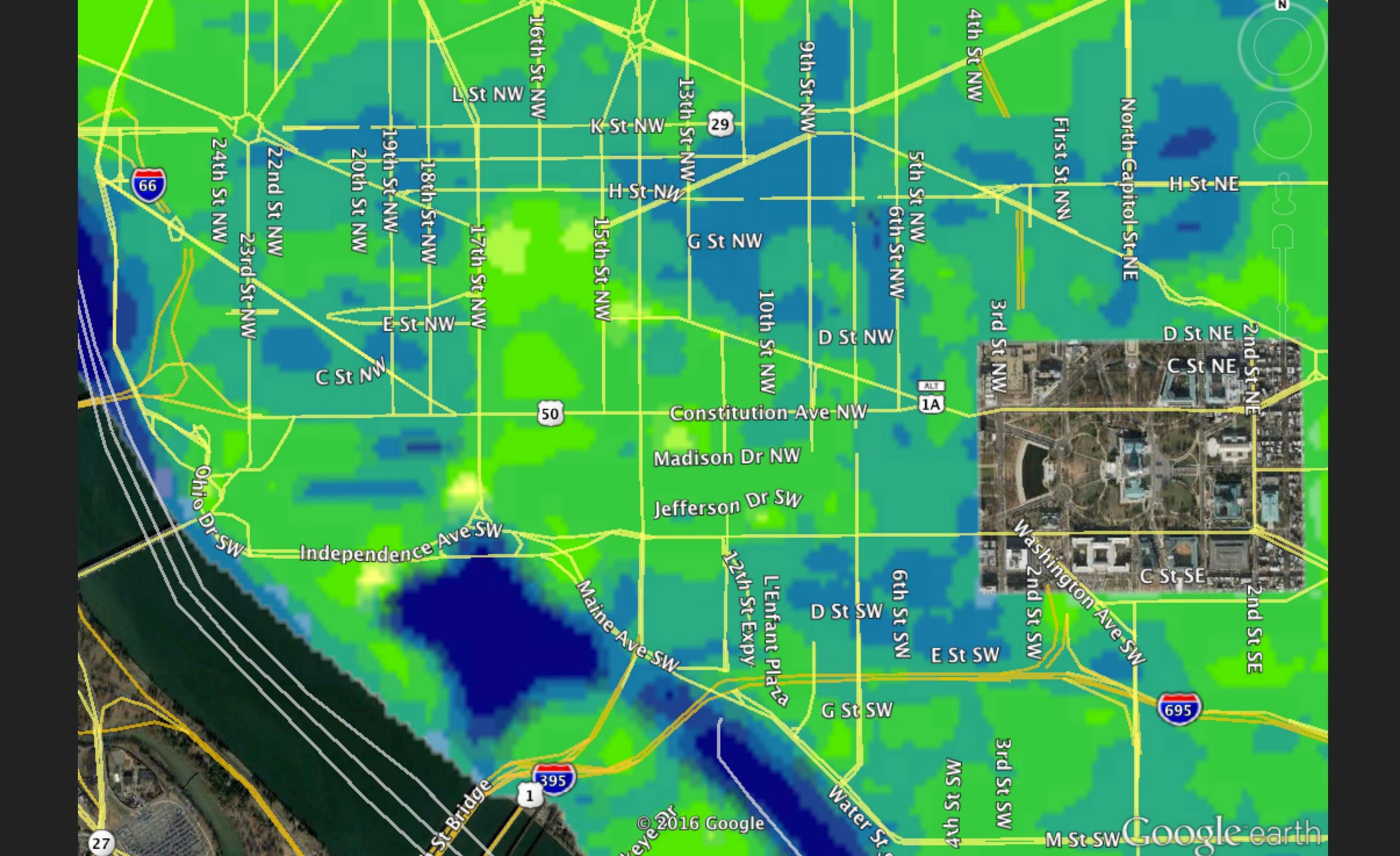


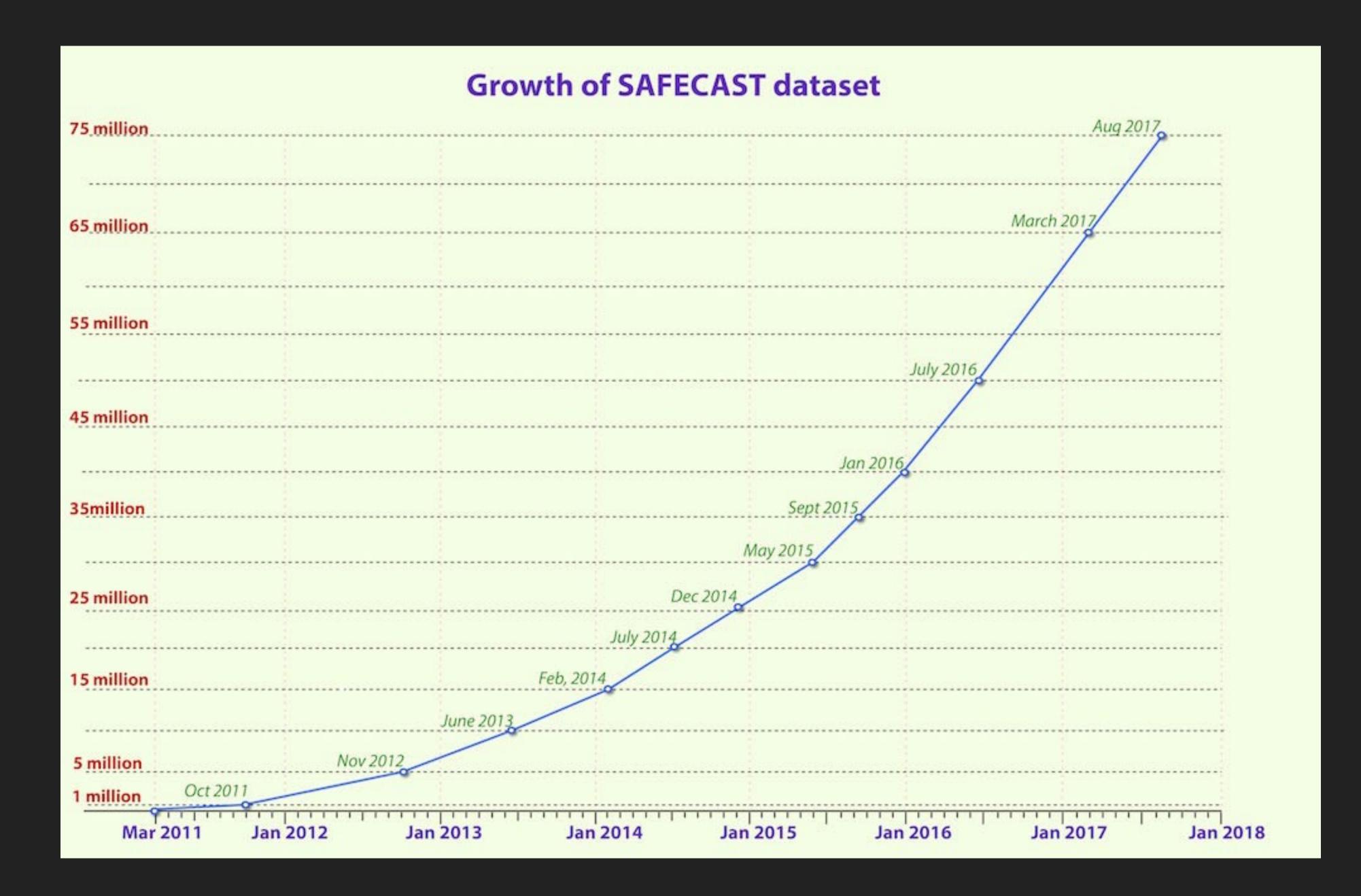












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100% PUBLIC DOMAIN

LARGEST EVER

THOUSANDS OF DEVICES

THOUSANDS OF VOLUMENTEES

THOUSANDS OF PROJECTS OPEN STANDARDS HOPEN DATA

SINGLE. GOVT SOURCES? CLOSED NATA + METHORS?

CAN I TRUST THE DATA? WHAT DOES THE DATA MEAN? CAN I ACCESS MY OWN DATA?

Concerned Citizen

Start a project

For you







#AirQualityEgg

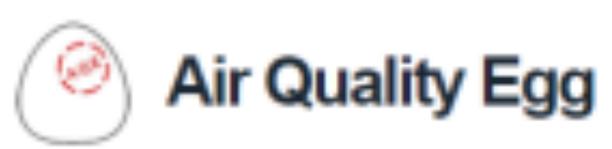


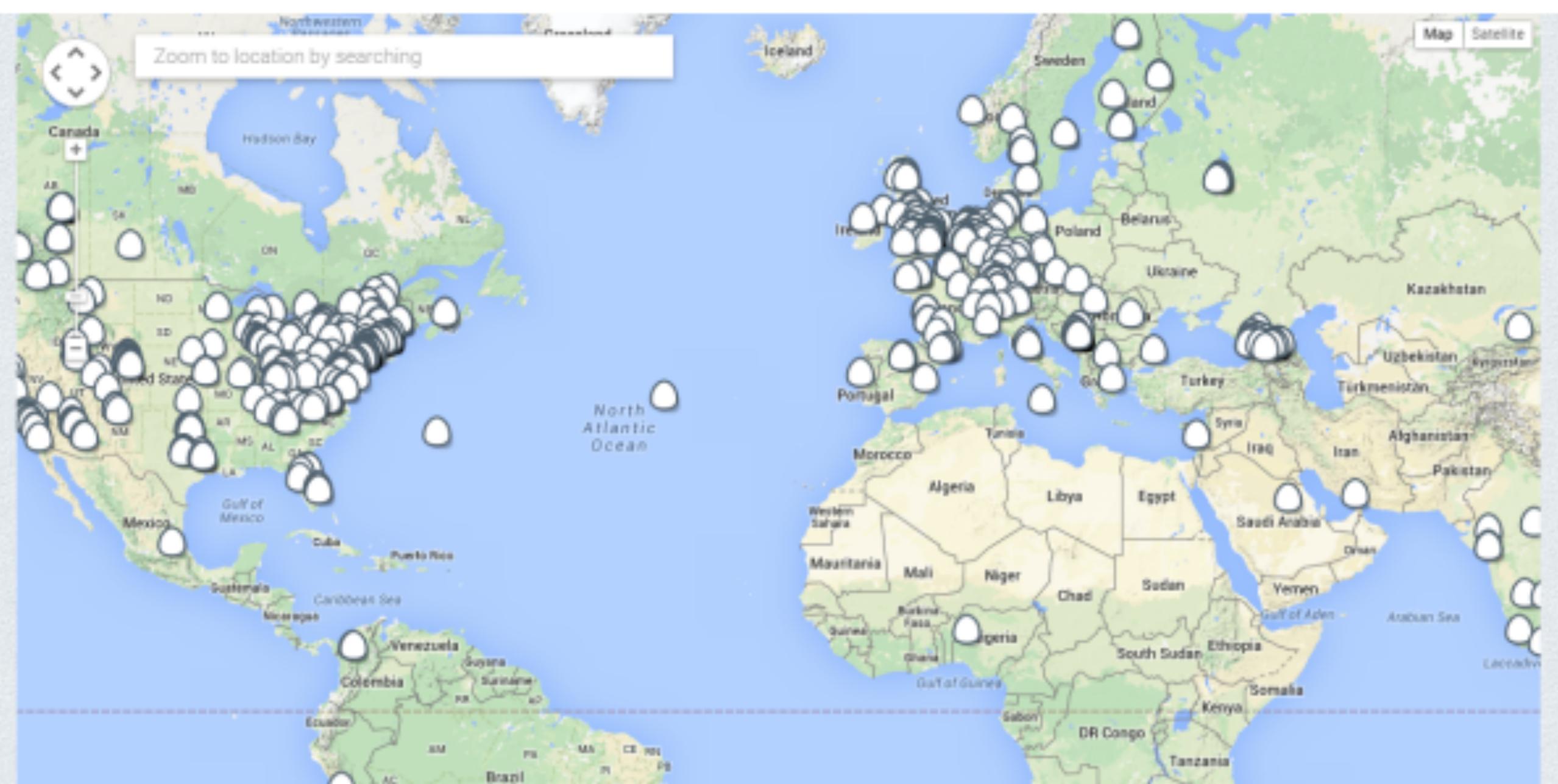
A community-led air quality sensing network that gives people a way to participate in the conversation about air quality.

Created by

#Sensemakers

927 backers pledged \$144,592 to help bring this project to life.





MARKETING AND SALES MASQUERADING AS "CITIZEN SCIENCE"

"AIR QUALITY EGG" DAMAGED TRUST IN CITIZEN SCIENCE



XIVELY IOT PLATFORM NAVIGATING IOT CUSTOMERS PARTNERS

FREE TRIAL

RESOURCES

purifier a connected product.

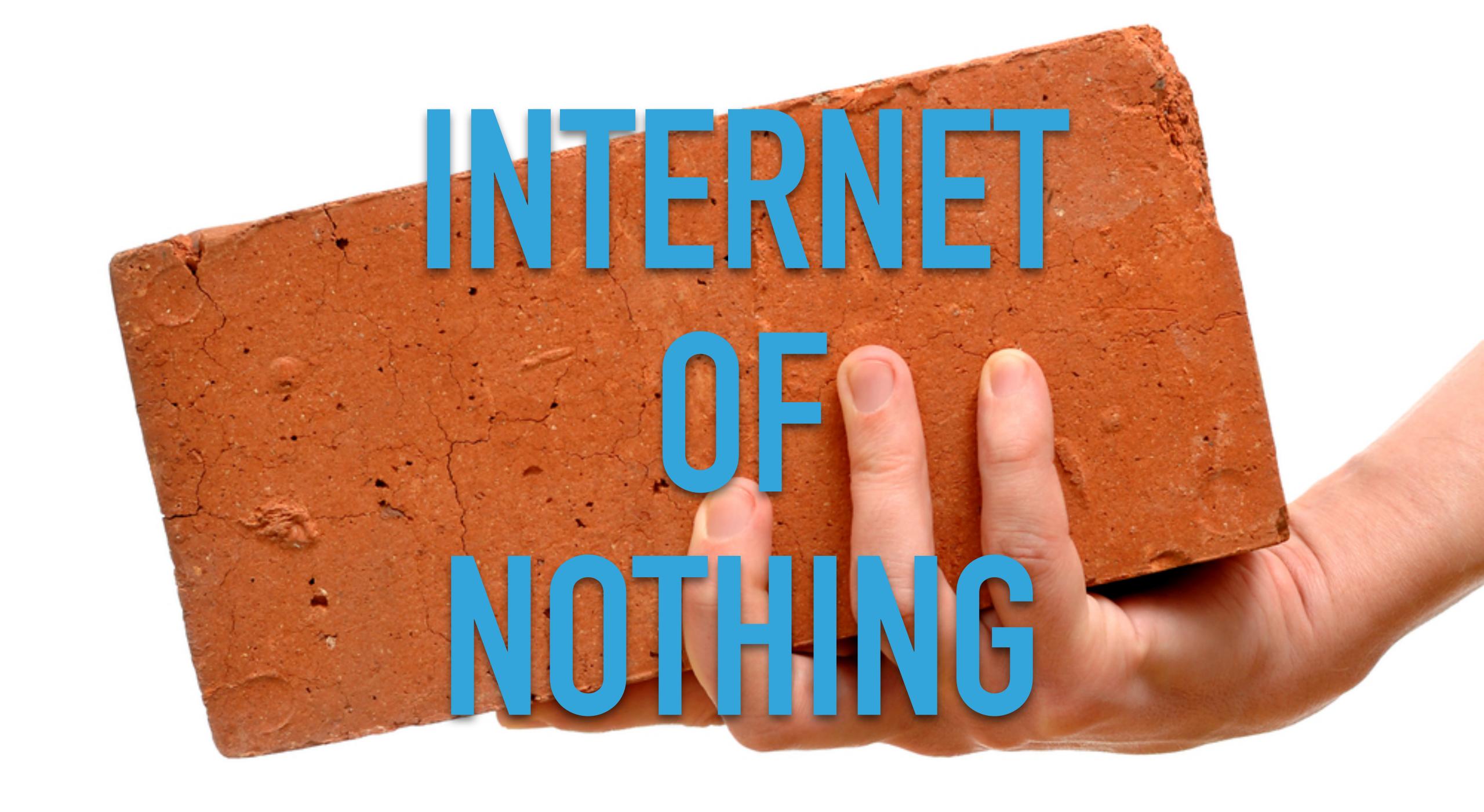
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by **Jeff Foust** — April 11, 2017



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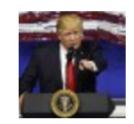
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By Chris Mooney and Juliet Eilperin April 28 at 9:19 PM



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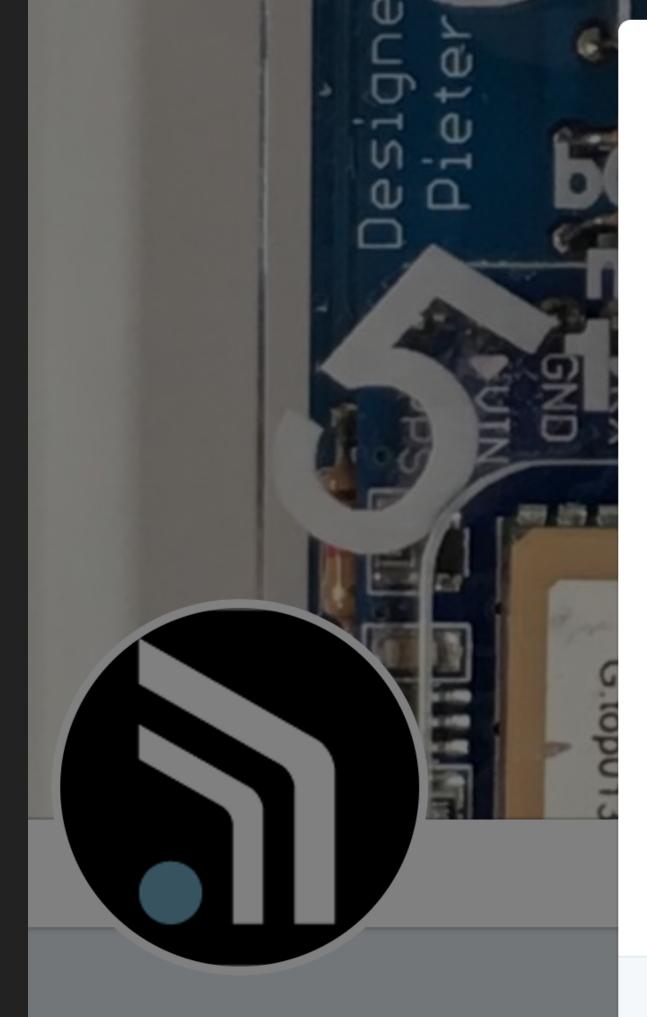








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The wake of #hurricaneirma is already ugly, so how #TurkeyPoint will handle it is something we need to keep a close eye on. #safecastchat



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Emily Michot - emichot@miamiherald.com

HURRICANE

Two South Florida nuclear power plants lie in Irma's path. Are they ready?

Robbins said the plant's reactors are encased in six feet of steel-reinforced concrete and sit 20 feet above sea level. Turkey Point has backup generators, extra fuel and, as a "backup to the backup," replacement parts and materials can be flown in from Tennessee.

The St. Lucie Nuclear Power Plant is equally protected, Robbins said, and can withstand severe flooding from storm surges. St. Lucie's nuclear plant survived Hurricanes Frances and Jeanne in 2005 and Wilma the year after.

When the eye of Andrew passed over Turkey Point, some facilities around the reactor buildings took a beating. Ultimately, the state's oldest nuclear plant suffered \$90 million in damages, including to systems that were supposed to be hurricane-proof.

One of the 400-foot smokestacks for the old oil-burning power plant was cracked in half, even though it was rated to survive 235-mph winds. Andrew blew down all but six of the 41 warning sirens within 10 miles of the plant. The storm left the plant running on backup generators for more than a week to cool the shut-down reactor. A main access road was blocked by debris.

"It handled Andrew as it was designed to," Robbins said. "It's one of the safest and most robust structures in the state, of not the country."

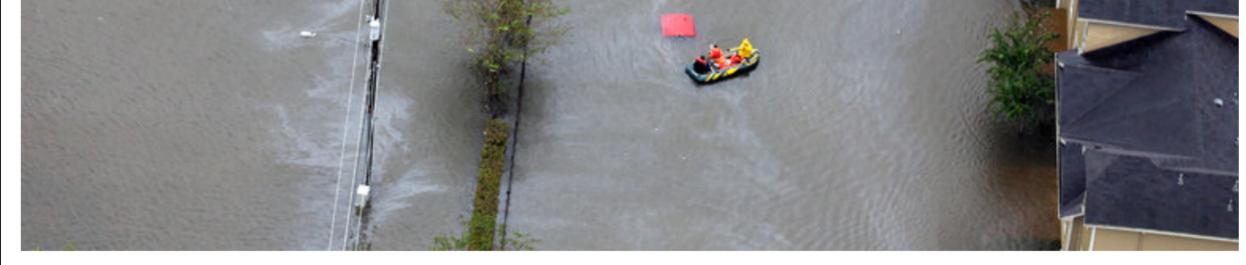


By HIROKO TABUCHI and SHEILA KAPLAN AUG. 31, 2017



Porfirio Villarreal, a spokesman for the <u>Houston Health Department</u>, said the hazards of the water enveloping the city were self-evident.

"There's no need to test it," he said. "It's contaminated. There's millions of contaminants."



Navigating floodwaters brought by Harvey on Tuesday in Houston. David J. Phillip/Associated Press



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AP EXCLUSIVE: Toxic waste sites flooded in Houston area

By JASON DEAREN and MICHAEL BIESECKER

Sep. 03, 2017



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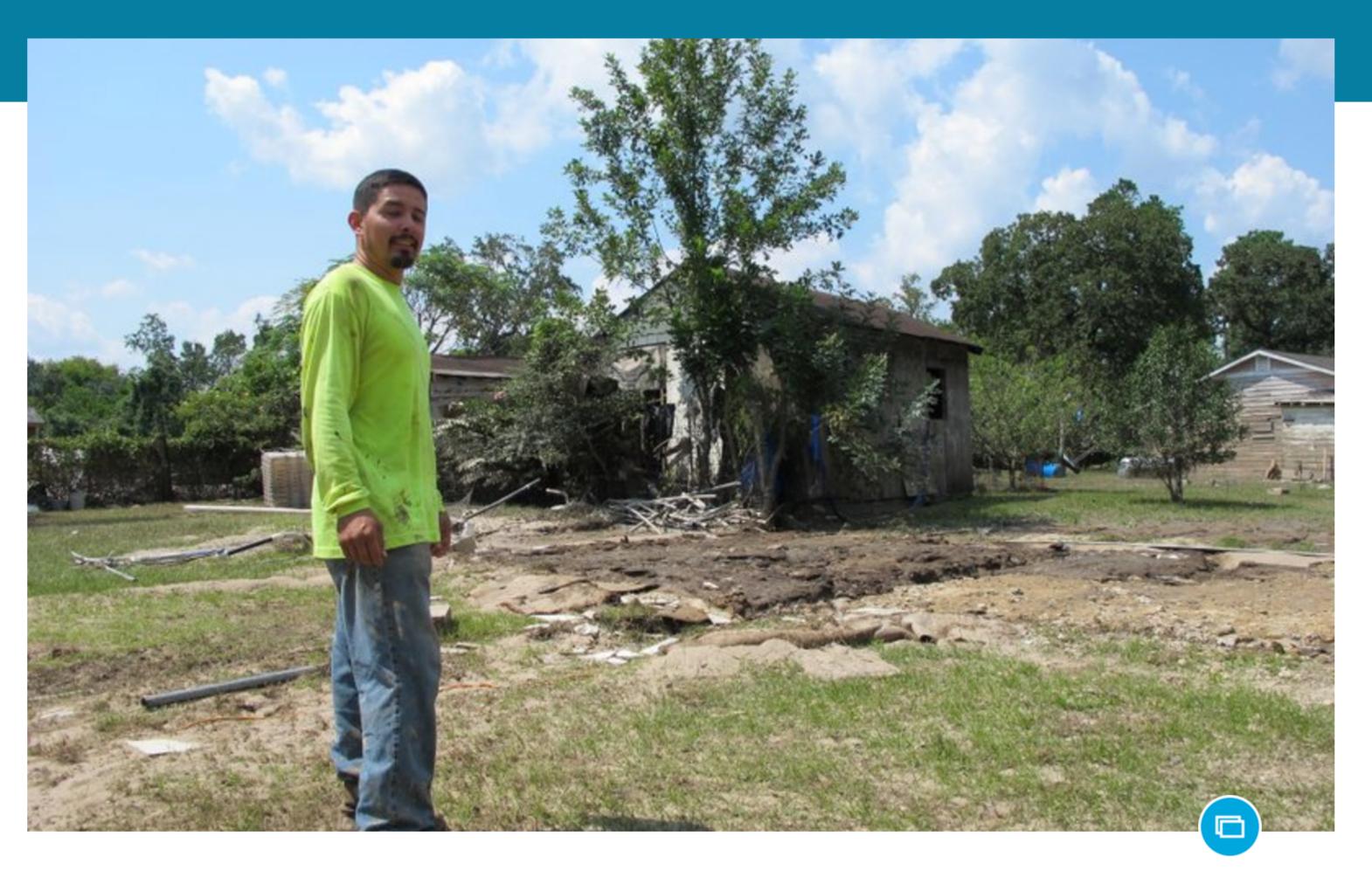
Hurricane Harvey

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HIGHLANDS, Texas (AP) — As Dwight Chandler sipped beer and swept out the thick muck caked inside his devastated home, he worried whether Harvey's floodwaters had also washed in pollution from the old acid pit just a couple blocks away.

Long a center of the nation's petrochemical industry, the Houston metro area has more than a dozen Superfund sites,



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EPA Response To The AP's Misleading Story

09/03/2017

Good afternoon -

Yesterday, the Associated Press' Michael Biesecker wrote an incredibly misleading story about toxic land sites that are under water.

Despite reporting from the comfort of Washington, Biesecker had the audacity to imply that agencies aren't being responsive to the devastating effects of Hurricane Harvey. Not only is this inaccurate, but it creates panic and politicizes the hard work of first responders who are actually in the affected area.

Here's the truth: through aerial imaging, EPA has already conducted initial assessments at 41 Superfund sites – 28 of those sites show no damage, and 13 have experienced flooding. This was left out of the original story, along with the fact that EPA and state agencies worked with responsible parties to secure Superfund sites before the hurricane hit. Leaving out this critical information is misleading.

Administrator Pruitt already visited Southeast Texas and is in constant contact with local, state and county officials. And EPA, has a team of experts imbedded with other local, state and federal authorities, on the ground responding to Harvey - none of which Biesecker included in



abc NEWS

AP defends itself after EPA attacks 'misleading' report on Superfund sites

By STEPHANIE EBBS • Sep 4, 2017, 3:26 PM ET







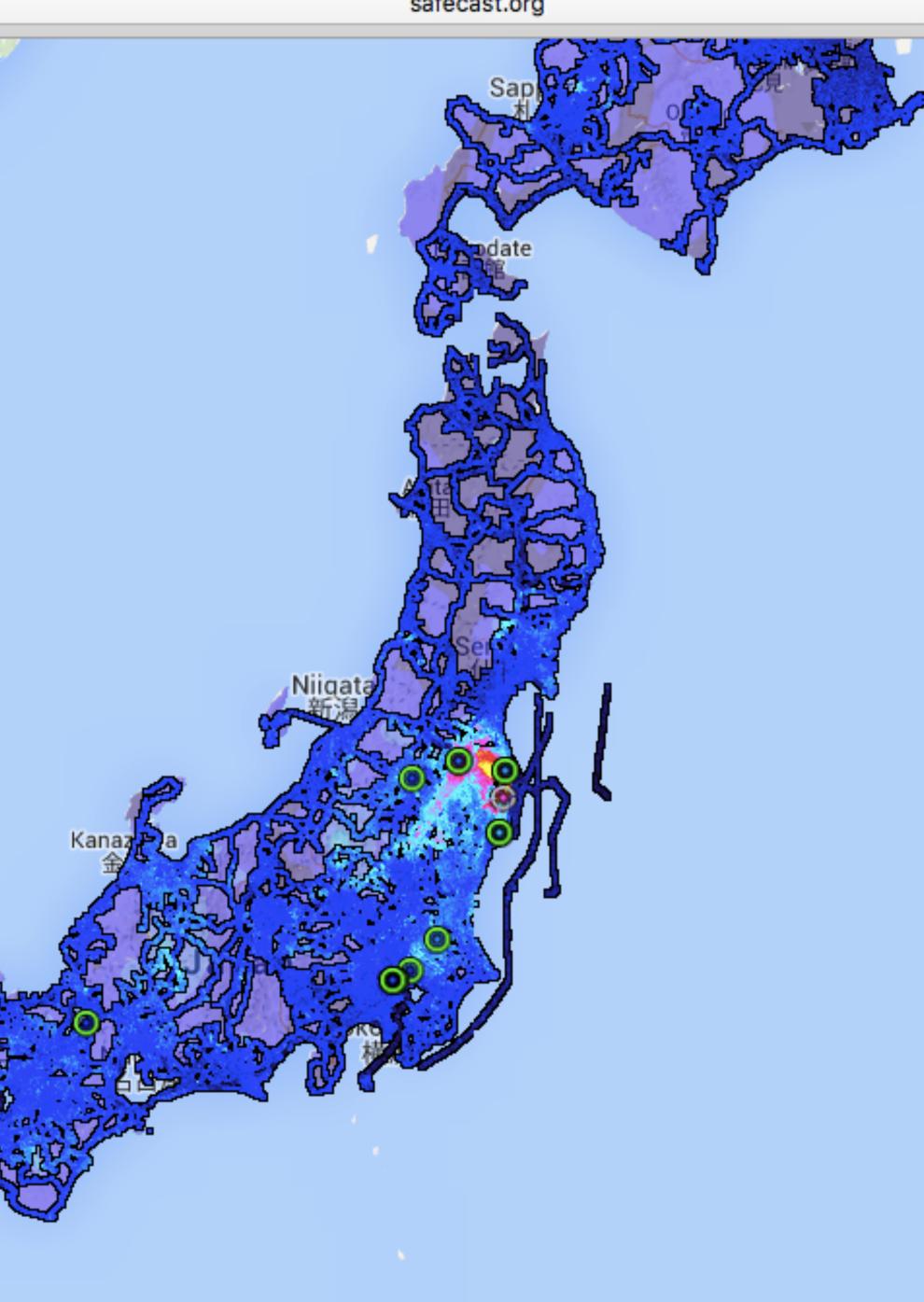
The No Trespassing sign on the barbed-wire fence encircling the 3.3-acre Superfund site barely peeked above the churning flood water from the nearby San Jacinto River...more +



The Associated Press is defending itself after the Environmental Protection Agency called its reporting on so-called Superfund sites in Texas into question over the weekend, criticizing one journalist for "reporting from the comfort of Washington."



Hurricane Harvey has damaged or flooded at least 13 sites identified by EPA as contaminated by possibly dangerous materials, raising concerns that the materials could spread and pose a



PRU DATA

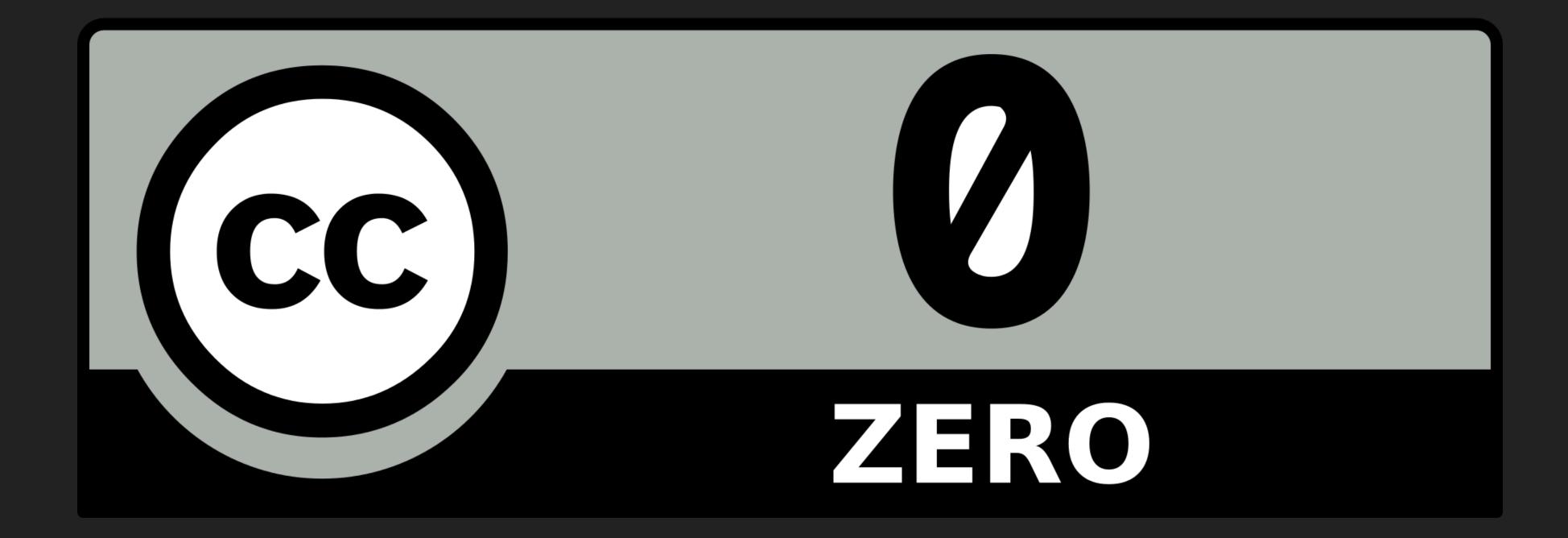
DATA = BASELINE

"RIGHT TO KNOW"

DATA REMOVES BIAS

DATA DRIVES ACTION

ALWAYS OPEN



DEPLOY OR DIE

"to <u>innovate</u> you need to reduce the <u>cost</u> of <u>failure</u>" Joi Ito

PULL OVER PISH

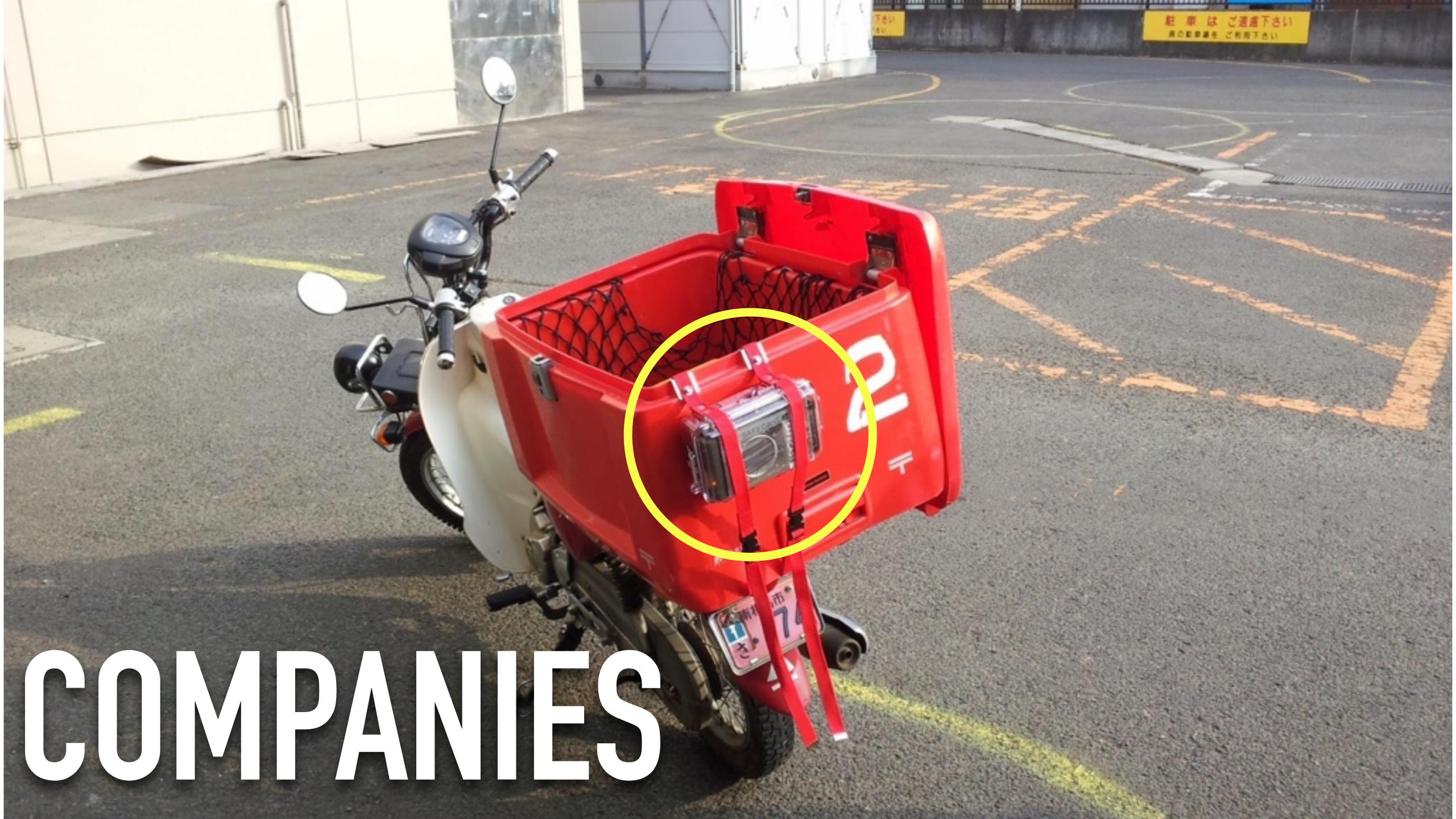
COMMUNITY CENTRIC





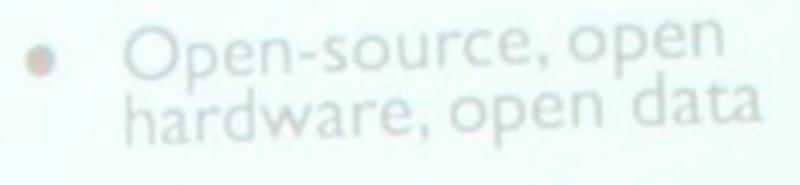








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Journal of Radiological Protection



PAPER • OPEN ACCESS

Safecast: successful citizen-science for radiation measurement and communication after Fukushima

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Azby Brown^{1,3}, Pieter Franken^{2,3}, Sean Bonner^{2,3}, Nick Dolezal³ and Joe Moross³ Published 6 June 2016 • © 2016 IOP Publishing Ltd Journal of Radiological Protection, Volume 36, Number 2



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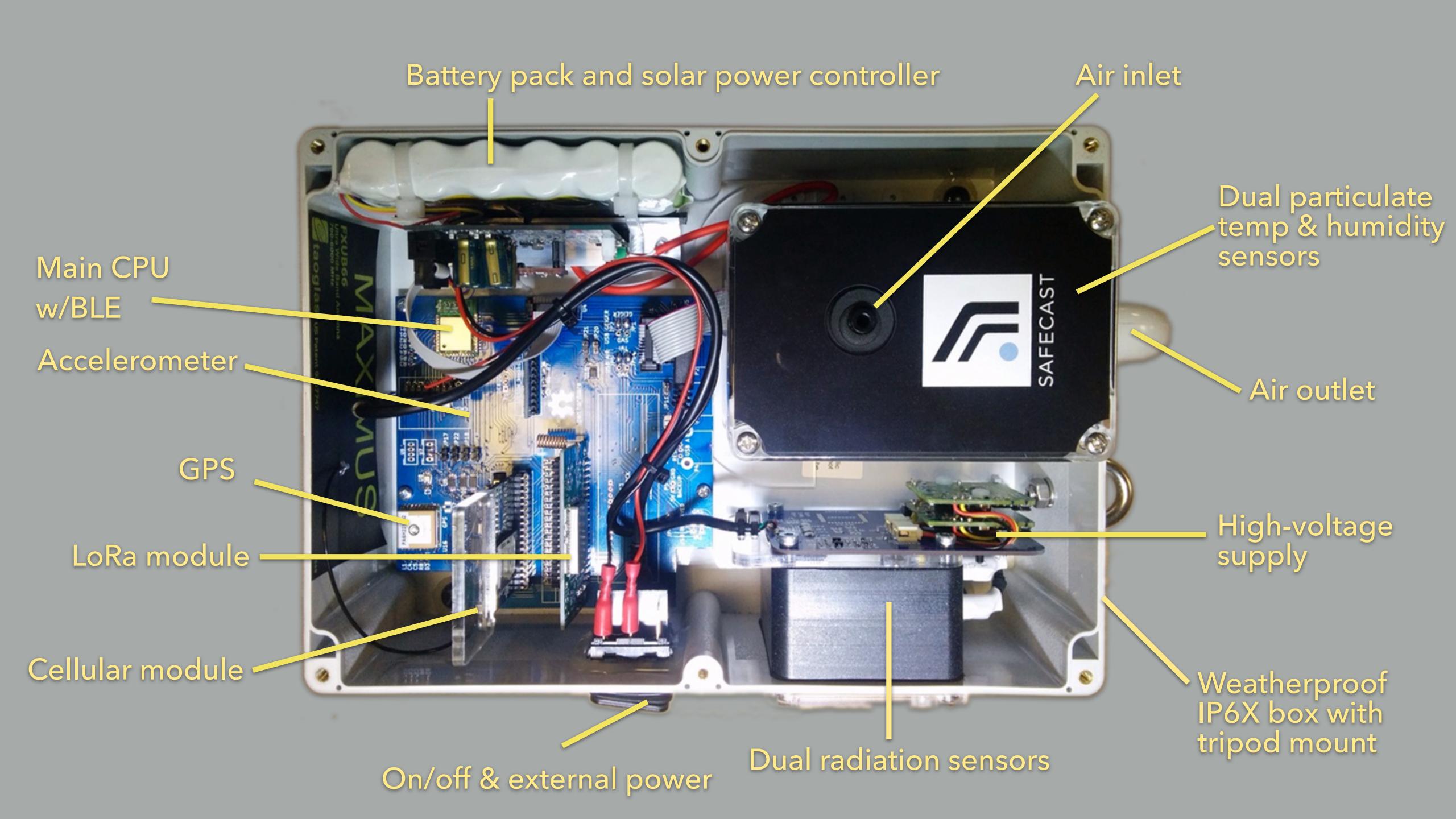
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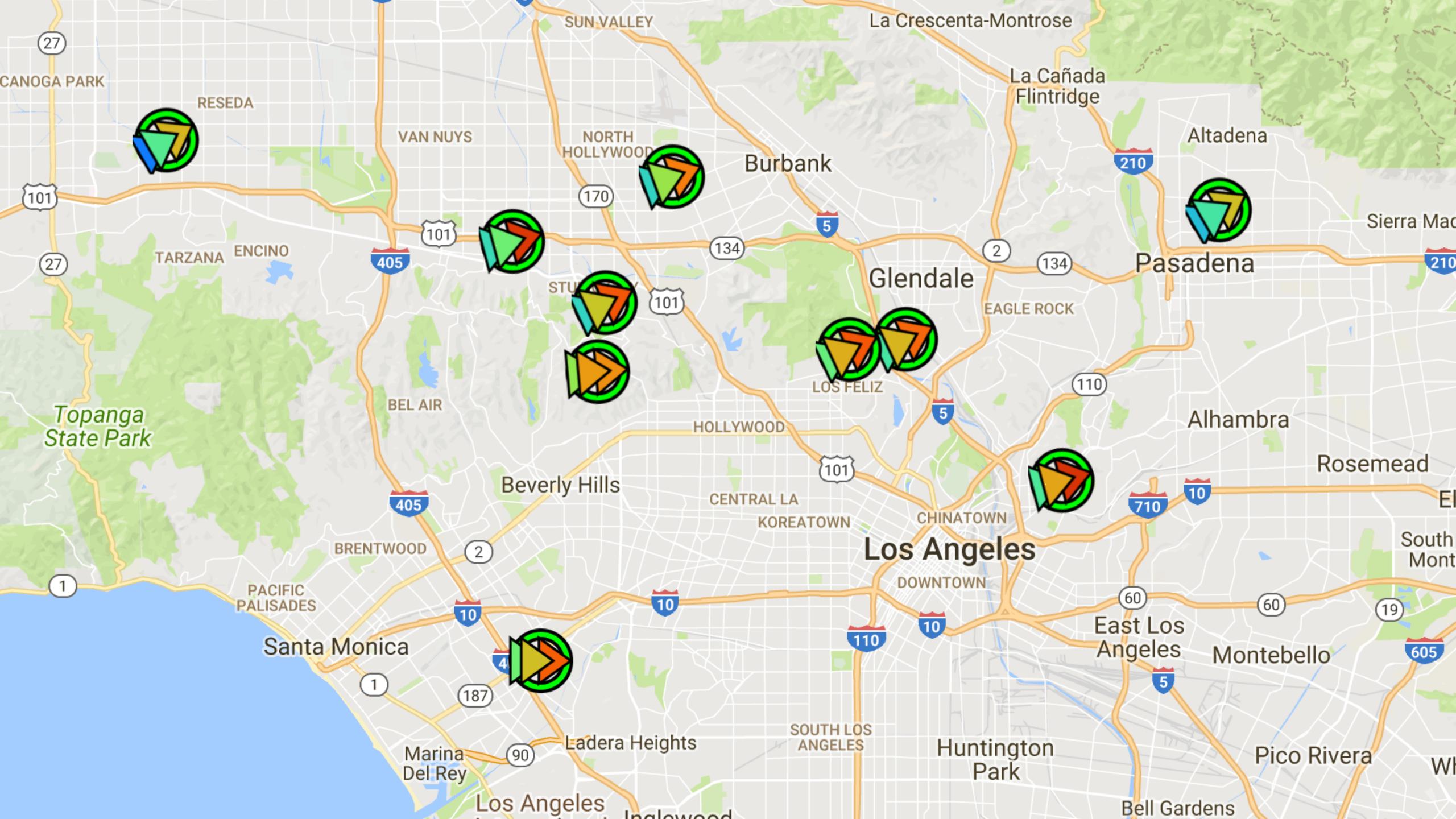


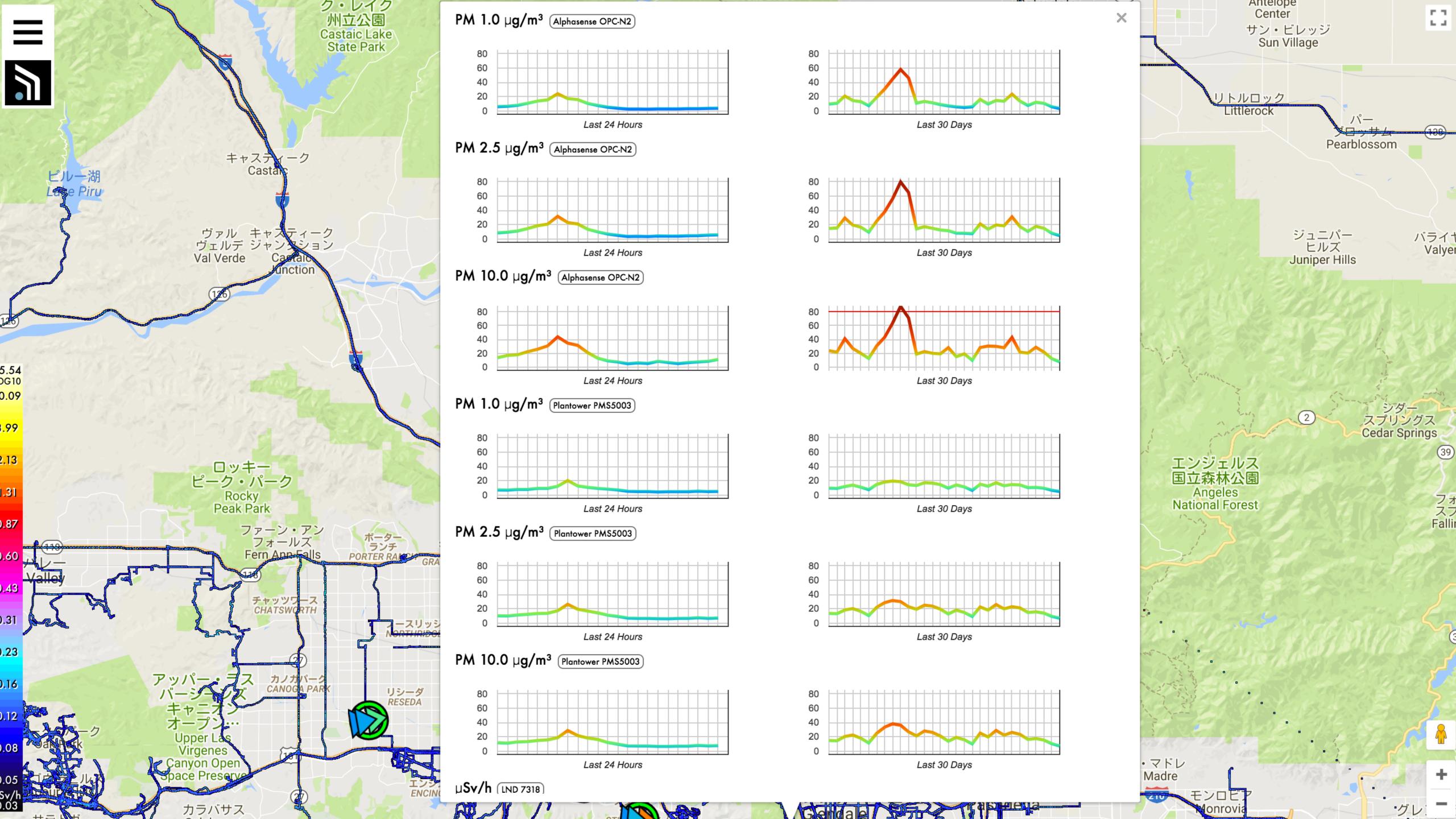
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