





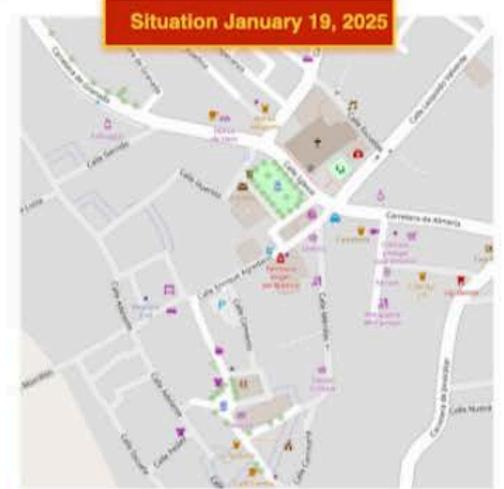
Workshops in Spain



So let's Map Ugijar - Results workshop January 16, 2025 + kapazao edits



openstreetmap.org









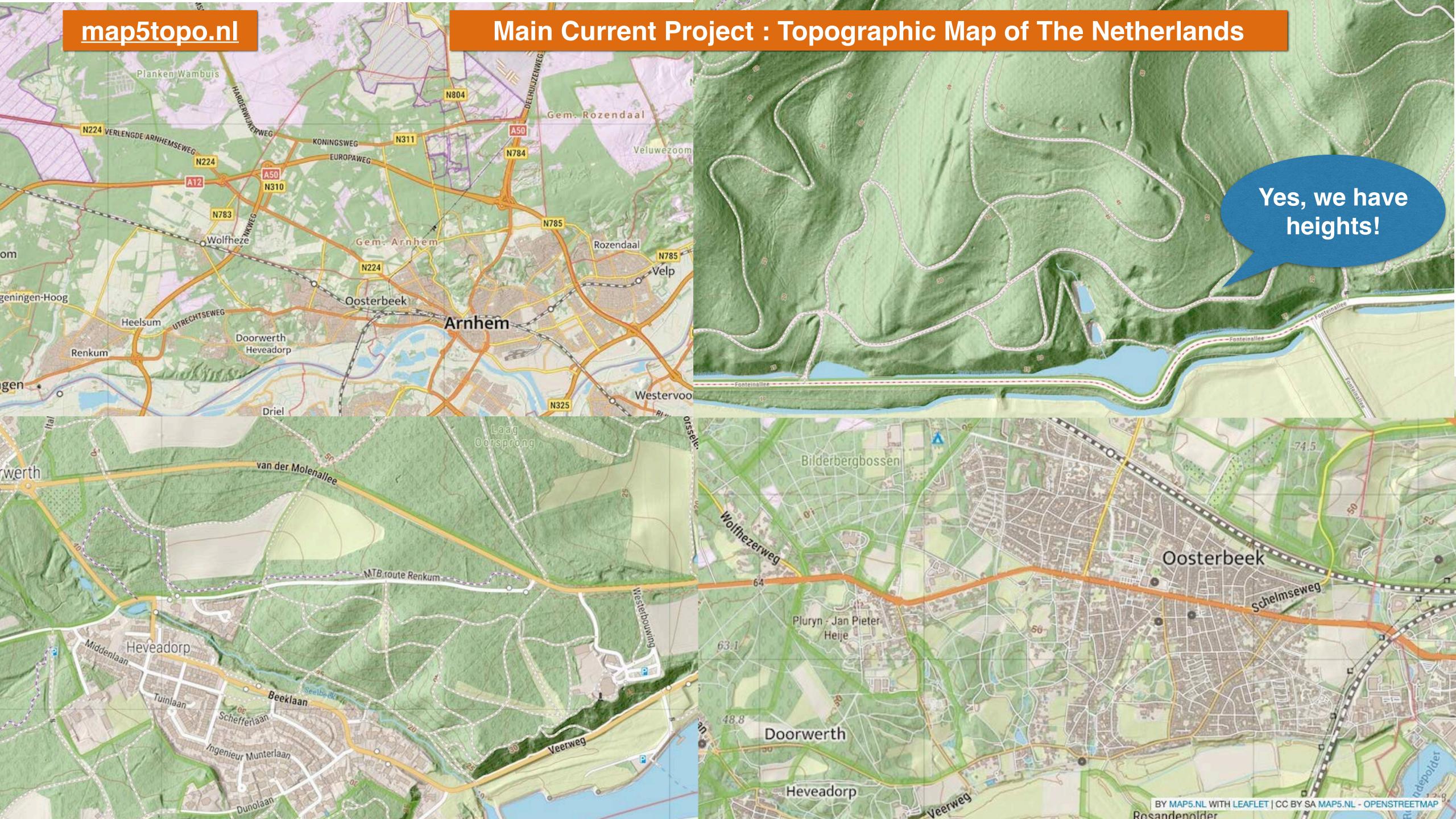
Agenda

- Introduction (presentation slides)
- Workshop via <u>alpumapa.xyz</u>
 - create account on openstreetmap.org
 - learn, install and configure apps
 - go on the streets to map! OR remain inside (armchair mapping)

 BE CAREFUL WHILE LOOKING AT PHONE AND WALKING!
 - return here for looking at results & evaluation

OSM Website: openstreetmap.org





What is OpenStreetMap?

- Definition:
 - A free, open-source, and collaborative mapping platform where anyone can contribute, edit, and use map data.
- Mission:
 To create and provide free geographic data to everyone.
- Fun Fact:
 Often referred to as "the Wikipedia of maps."

OSM Website: <u>openstreetmap.org</u>





文A Translate to English





Pinned Message #1

Bienvenida/o al grupo de mensajería instantánea...





El en Corral-Rubio lo has puesto 2 veces.



https://www.msn.com/en-us/news /technology/pok%C3%A9mon-go -saves-stranded-group-after-google -maps-fails-them/ar-AA1w5Wf3

Nombran a OSM muy de pasada, pero sí, OSM es útil de muchas maneras que no podemos ni llegar a imaginar.

MSN

Pokémon Go saves stranded group after Google maps fails them

A small group of tourists found themselves lost in a forest in Spain and were struggling to find their way back to civilization. When they realized that Google Maps wouldn't be of any help, one of them had the idea of...







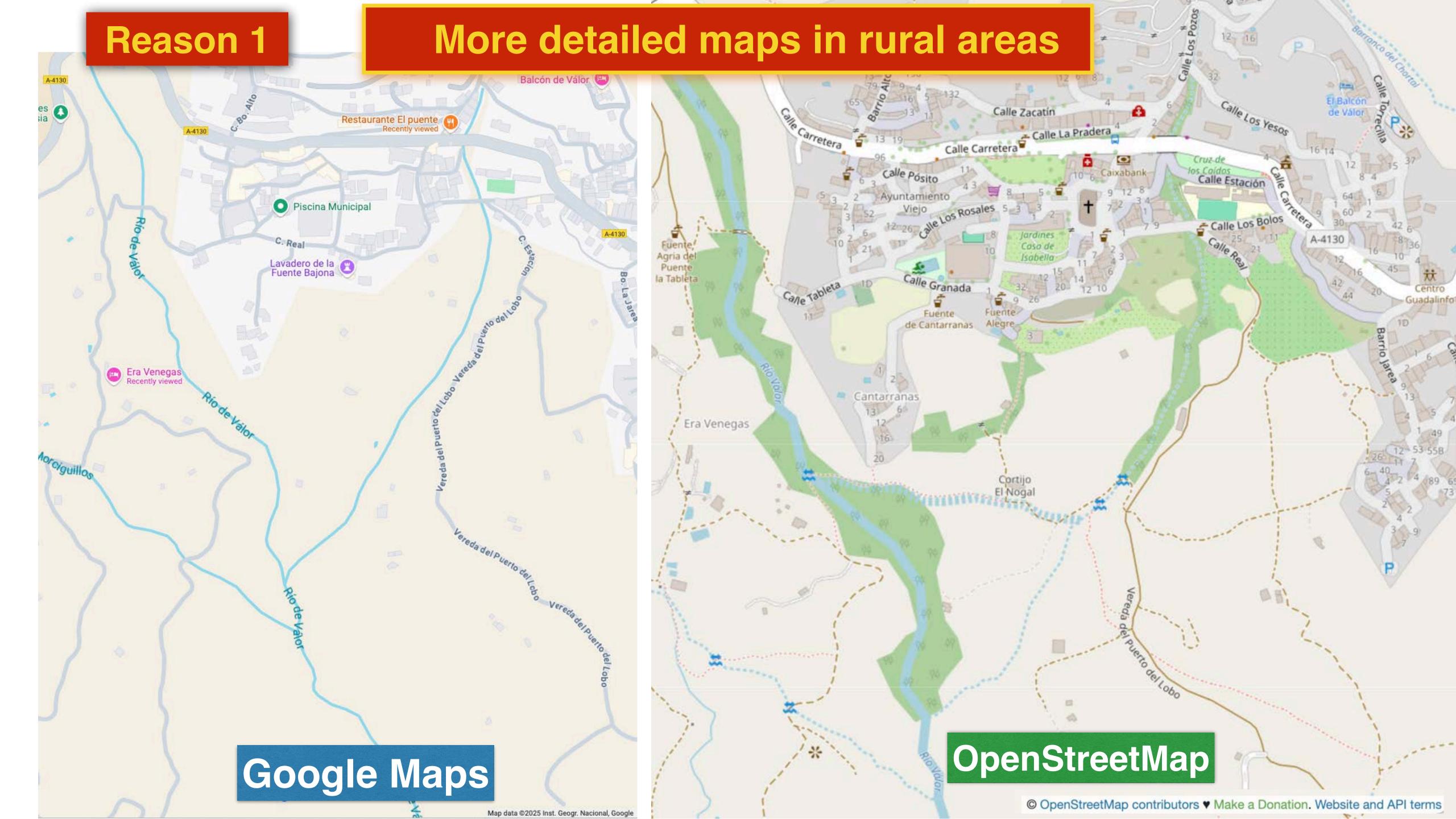




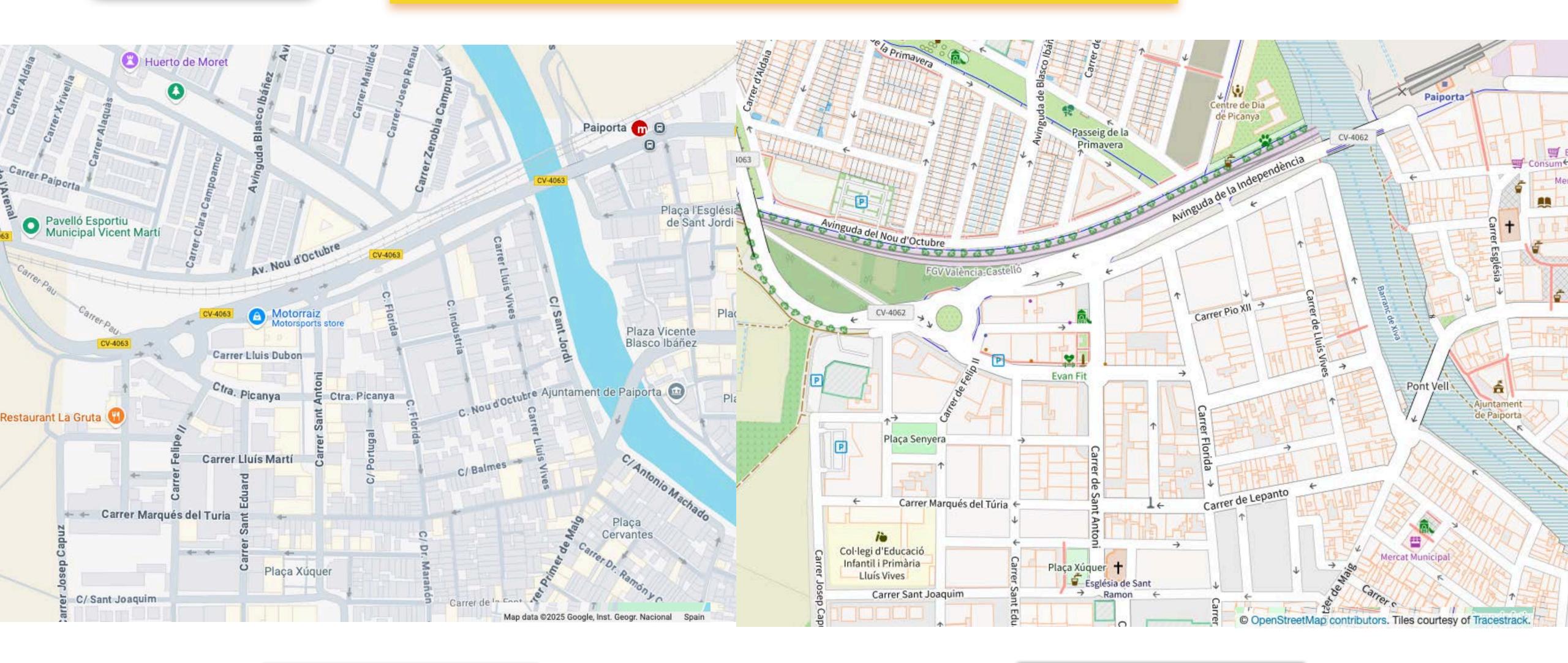
5 2 09:40

Why? Por que?

Three Reasons Tres Razones



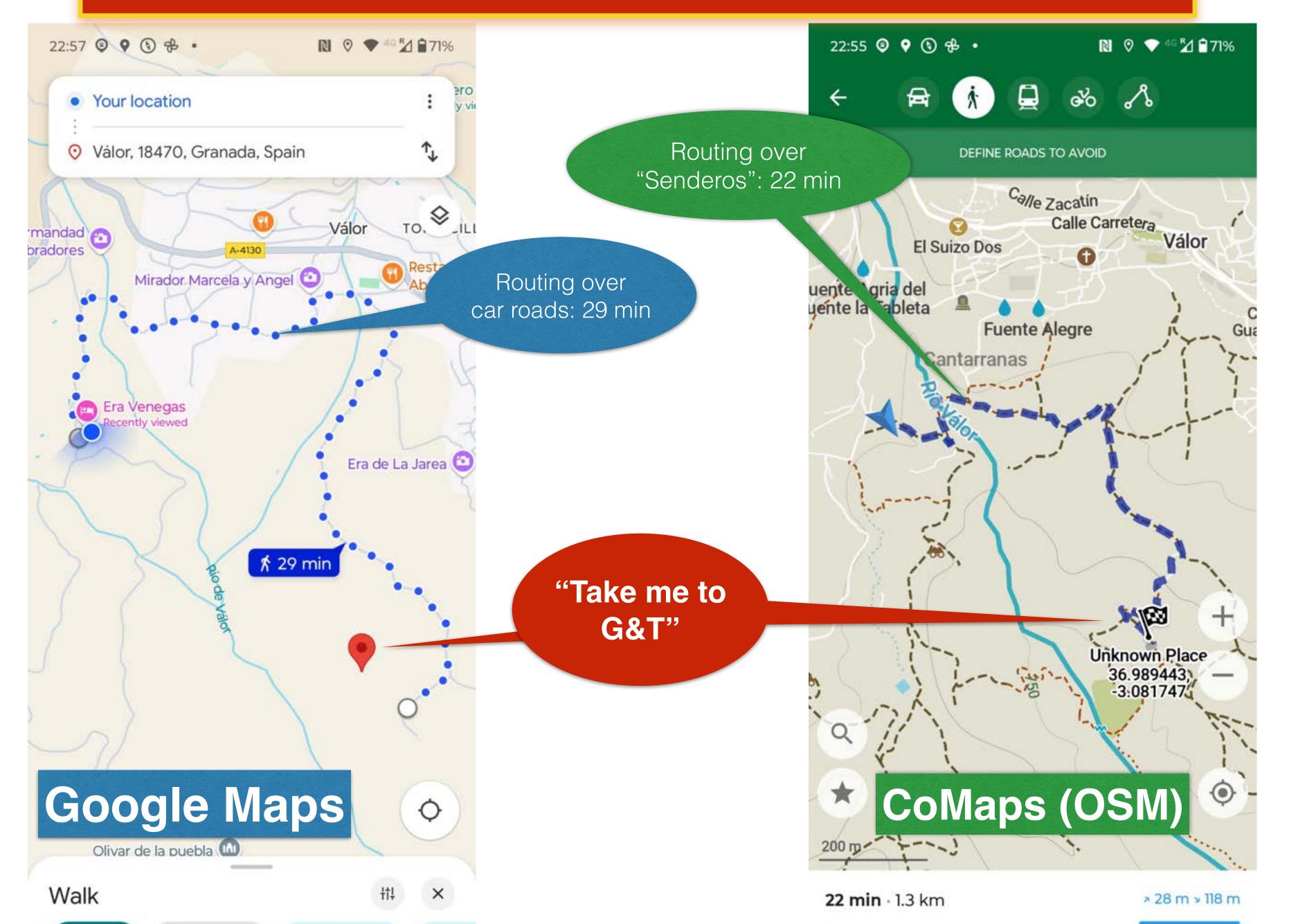
More detailed maps in general



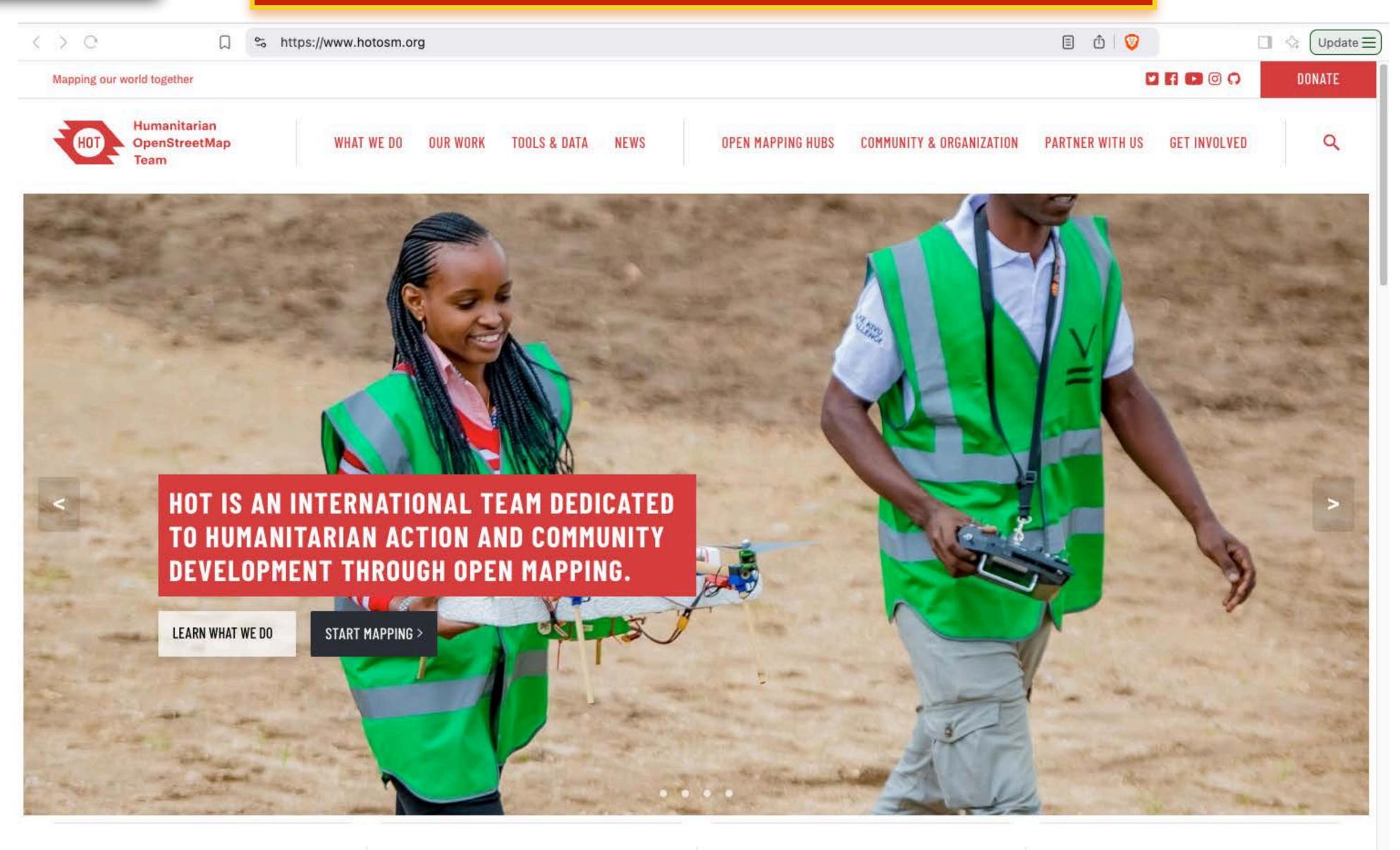
Google Maps

OpenStreetMap

Pedestrian Routing - Google Maps vs CoMaps (OSM)



Disaster Response and Humanitarian Mapping



491K
Total Mappers®

260M Total Map Edits⁽¹⁾ 156.4M Buildings Mapped[®]

3.4M
Roads Mapped (KM)

Disaster Response and Humanitarian Mapping



#OSM Community, we urgently need your help to map roads and pathways in **#Valencia** and other affected municipalities due to severe flooding from **#DANA** Your contributions can make a huge difference in the response efforts! Let's map: http://bit.ly/SPNFloods24

URGENT ACTIVATION





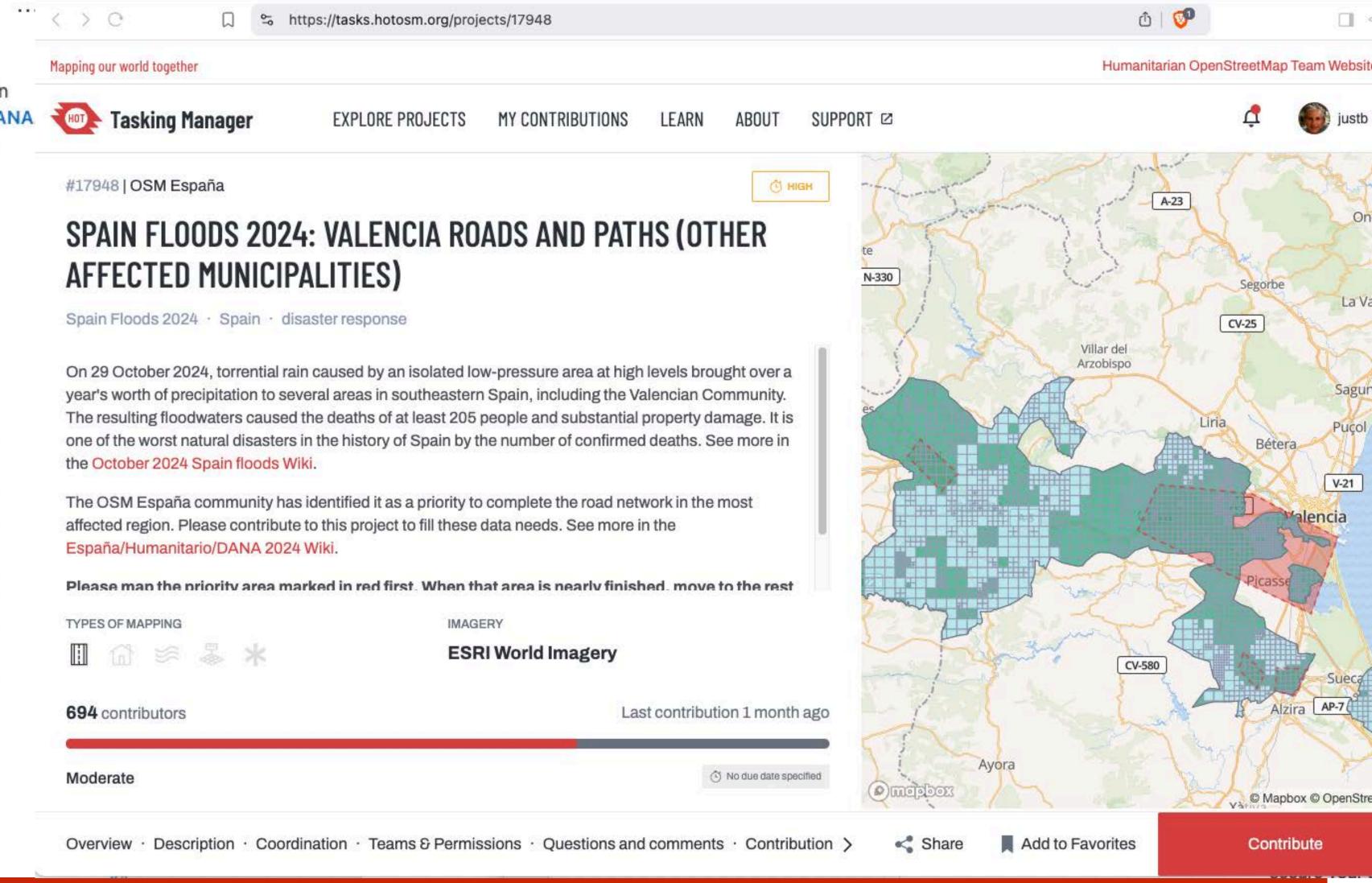
Photo: @2024 NASA

We require your urgent support mapping.

CAMPAIGN

bit.ly/SPNFloods24

Spain Floods 2024 | tasks.hotosm.org



DANA Valencia (2024): OSM played a crucial role in mapping flood-affected areas

Telegram

Real-Life Examples - DANA Valencia - Oct 29 2024

OSM España

516 members, 71 online

Pinned message #1

Bienvenida/o al grupo de mensajería instantánea de la Comunidad de OpenStreetMap en España NORMAS DEL GRUPO: 0- Este grupo es para hablar...

AV Translate to English



...

21:41

21:42

21:50

21:53

21:54

21:54

21:54

22:02

22:24

121:47

W 41.00

Q ...

(tres toros, que comcidencia:)



Gente!! Activemos nuestro propio "HOT". A causa de la DANA varios puentes han caído y otras carreteras han desaparecido y van a tardar en volver. Especialmente zona de Valencia/Albacete



La pasarela de Picanya ya la he quitado yo.

Si conocéis otra zona no dudéis de actuar sobre puentes y otros elementos que tardarán en volver, yo he añadido destroyed al bridge=yes quedando destroyed:bridge=yes



He ido aquí ...pero no he visto nada. ¿No había una página con todas estas etiquetas? https://wiki.openstreetmap.org/wiki/Disaster-specific_tags



Jordi M

Yo solo he encontrado información útil en la página de 'destroyed' (https://wiki.openstreetmap.org/wiki/ Key:destroyed:*)

Por cierto, 'destroyed:*' también debe de ponerse en la etiqueta highway, ¿no?



así lo he hecho, he dejado el nombre solo

la V-30 estará fuera de servicio algún día pero yo no la modificaría a no ser que se cayera algún puente

Tenemos trabajo. Id siguiendo las indicaciones de los vídeos

https://www.levante-emv.com/videos/camp-turia/2024/10/29/puente-vilamarxant-completamenteagrietado-limite-110838782.html

Levante-EMV

El puente de Vilamarxant, completamente agrietado y al límite de derrumbarse



Si conocéis otra zona no dudéis de actuar sobre puentes y otros elementos que tardarán en volver. yo h...

Yo hice esto mismo en 2 sitios por la dana del año pasado por el centro, luego lo arreglan y se quita el prefijo

Bienvenida/o al grupo de mensajería instantánea de la Comunidad de OpenStreetMap en España NORMAS DEL GRUPO: 0-



AV Translate to English

MIC

X () @ & @apuntnoticles | apuntmedia.



Jose Luis Infante admin

Así se ve desde el aire el destrozo que ha provocado la DANA en el by-pass | Las Provincias https://www.lasprovincias.es/comunitat/aire-destrozo-provocado-dana-bypass-20241031111747-nt.html

Las Provincias

Así se ve desde el aire el destrozo que ha provocado la DANA en el by-pass | Las Provincias

El Ministro Óscar Puente describió este punto como «crítico» por su situación



Esto lo tenemos?

01 November 2024

Lo estoy mirando

Jose Luis Infante Esto lo tenemos?

Editado: https://www.openstreetmap.org/way/1317611449 y https://www.openstreetmap.org/way/1317611451

OpenStreetMap

Way: Autovía del Mediterráneo (1317611449)

OpenStreetMap is a map of the world, created by people like you and free to use under an open license.



Matrix Telegram Bridge

Nukeador: Hola, comentaba con Jordi M como podemos ayudar en la zona del DANA, si usando el https:// tareas.openstreetmap.es/explore para coordinar mapeos

Bienvenido Nuke. Reenvío tus mensajes para que la gente sepa que ya te has presentado en el grupo valenciano de OSM:



Jordi M

Forwarded messages

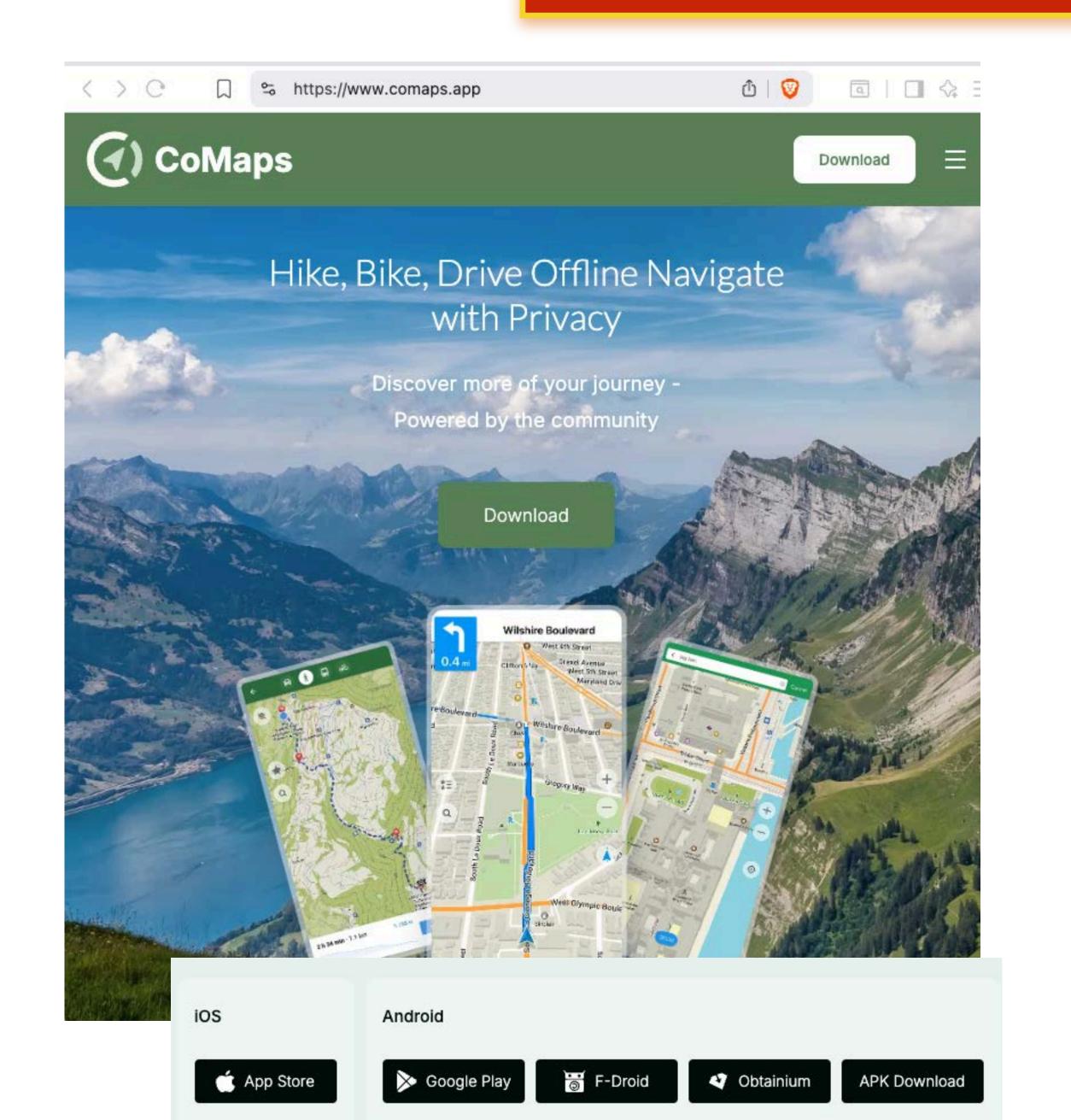
Nuke 1/11/24

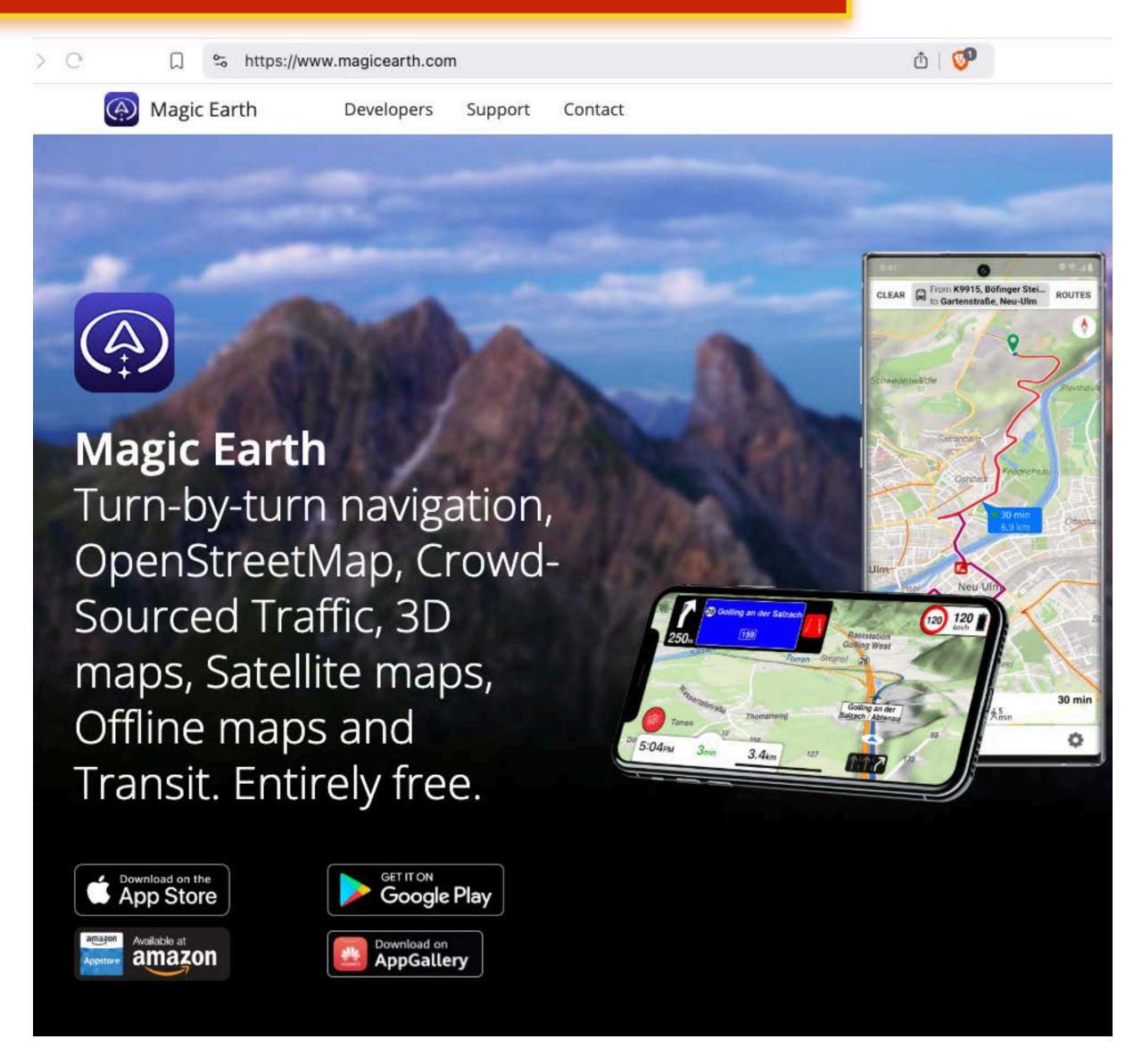
<u>alpumapa.xyz</u>

OpenStreetMap Apps as Big Tech Alternatives

- · People moving away from "USA Big Tech Apps"
- Switch to alternatives
 - from Twitter/X/FaceBook to Mastodon
 - from WhatsApp to Signal
 - from Instagram to PixelFed
 - etc
- · OpenStreetMap fits in this trend
 - from Google Maps to CoMaps, MagicEarth, OSMAnd...

OpenStreetMap Apps as Big Tech Alternatives

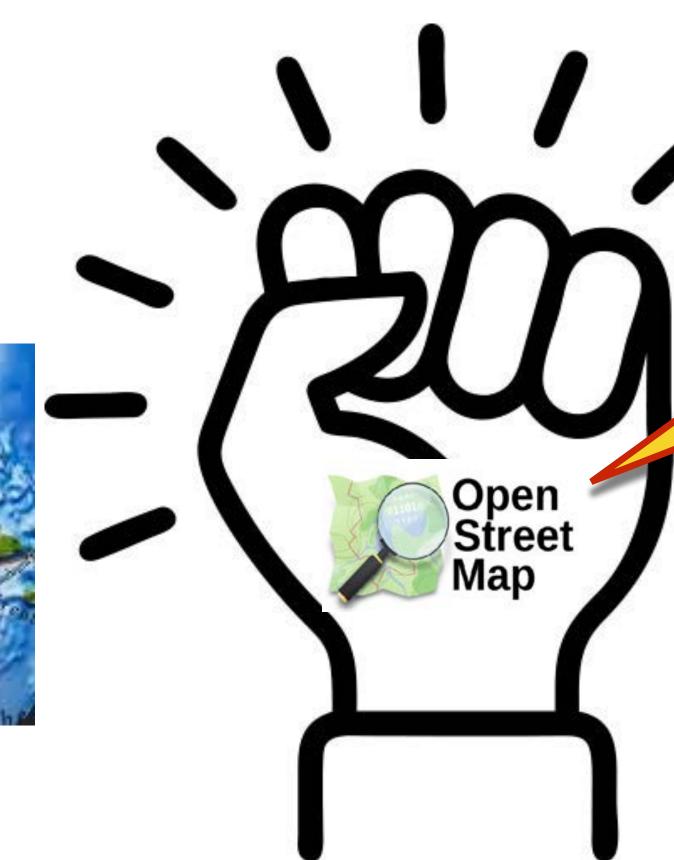




So?

"Gulf of America" has a beautiful ring to it

Three Reasons - One Word

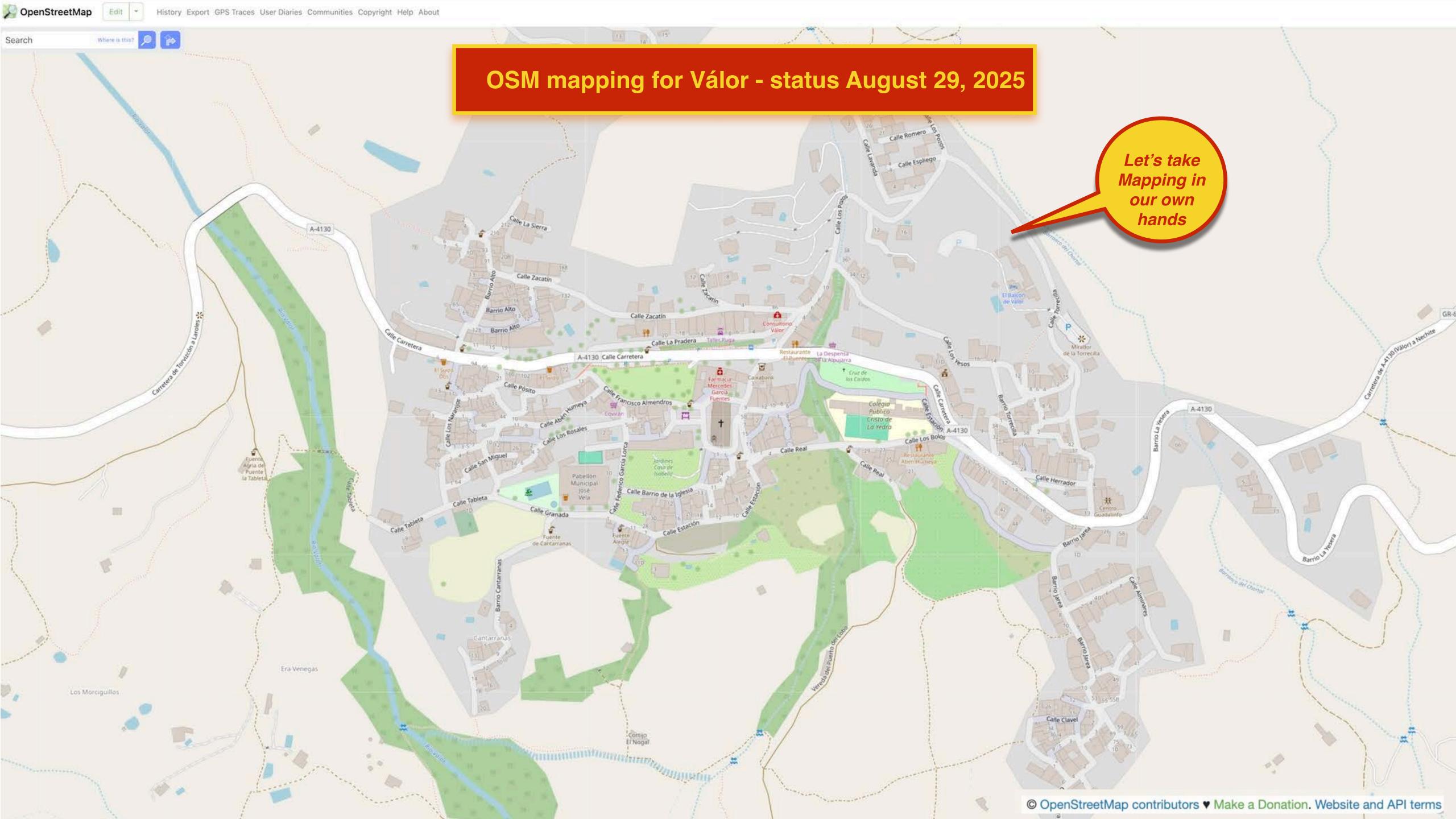


Never mind the \$*@*%,
Let's take Mapping in our own hands



Empowerment - Empoderamiento





Outdoor Apps Using OpenStreetMap

- · CoMaps: offline maps with navigation for hiking and cycling
- Komoot: route planning for outdoor activities like hiking and biking
- AllTrails: provides trail maps and reviews for hiking and running
- Wikiloc: trail sharing and GPS navigation for outdoor enthusiasts
- · OsmAnd: Offline maps with navigation and rich outdoor features

Editing and Contributing to OSM with Smartphone Apps

- EveryDoor <u>every-door.app</u>
 add or edit businesses, amenities, and more
- StreetComplete <u>streetcomplete.app</u>
 improve map by answering map-related questions
- CoMaps comaps.app
 also allows direct edits to OSM data
- · Many more like Vespucci, Go Map, MapComplete...,,

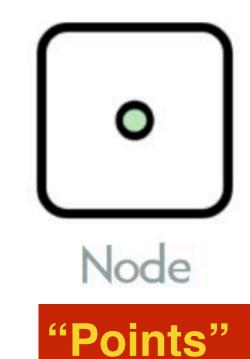
OpenStreetMap Inner Workings

- IT IS ALL ABOUT DATA! could have called project *OpenGeoData*
- OSM DATA IS IN ONE BIG DATABASE
 maps like openstreetmap.org made with this data
- ECOSYSTEM OF "APPS" TO EDIT OSM DATA like Id, JOSM, EveryDoor, StreetComplete etc

Diving Deeper - How is OSM Data Structured?

Also Closed
Ways: Areas like
Orchards,
Buildings,...









Church,
Restaurant,
Bench etc

Roads, Paths, Tracks, etc

Busline, Hiking Route

Examples:

wiki.openstreetmap.org/wiki/Beginners_Guide_1.3

Nice Overview: jakobmiksch.eu/post/openstreetmap_overview/

Diving Deeper - How is OSM Data Structured?

2. Tagging

The Elements Nodes, Ways, Relations have "Tags"

Tags are textual key-value pairs that describe properties of an Element

An element can have tags. A tag is a key=value pair describing what the element is. For instance, mapping a mobile phone store can be done by creating a node, and adding the following tags: shop=mobile_phone. name=John Smith's phone centre.

Here are some more examples:

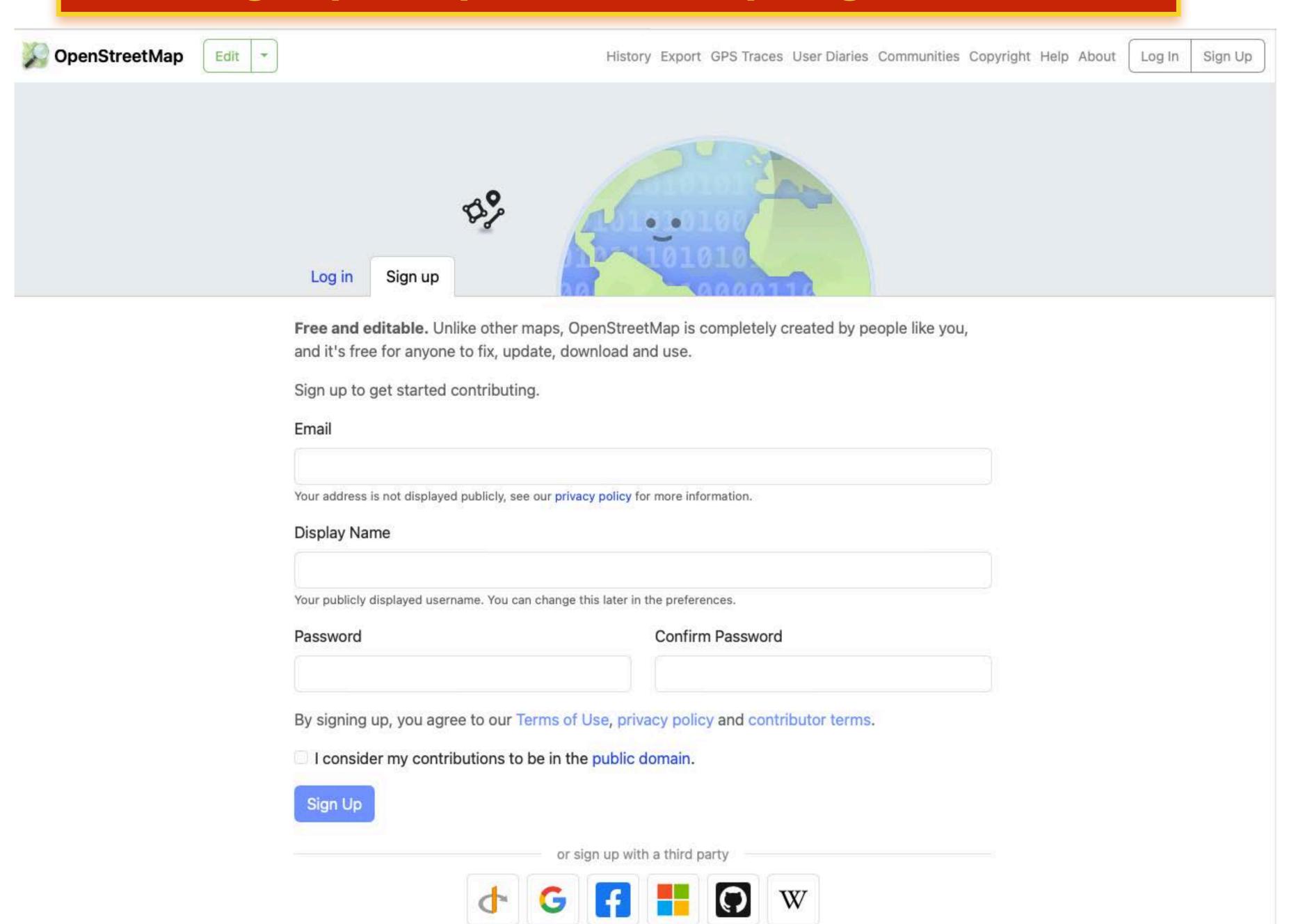
building = yes 0

- A parking lot can be a closed way tagged with amenity=parking
- A building can be a closed way tagged with building=yes
- A residential road can be a way tagged with highway=residential.
- · A McDonald's branch can be a node tagged with amenity=fast food, brand=McDonald's, name=McDonald's

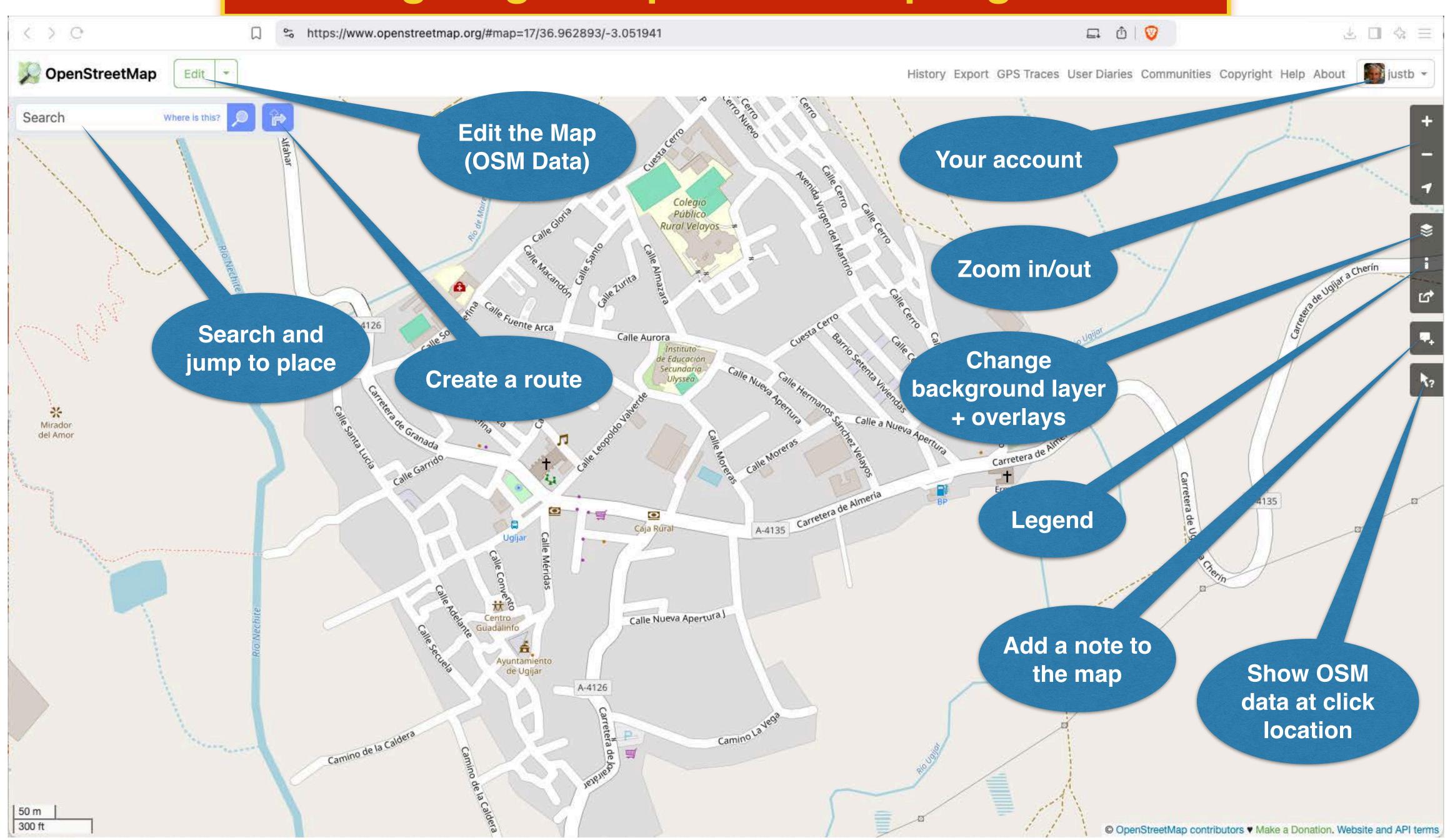
wiki.openstreetmap.org/wiki/Beginners_Guide_1.3

Nice Overview: jakobmiksch.eu/post/openstreetmap_overview/

Signup at <u>openstreetmap.org/user/new</u>



Navigating the openstreetmap.org website



ON TO THE WORKSHOP

GO TO alpumapa.xyz

Thanks! Questions?

Home: <u>justobjects.nl</u>

Mastodon: mapstodon.space/@justb4

LinkedIn: linkedin.com/in/justb4/

OSM Workshop: <u>alpumapa.xyz</u>