Let's Map Las Alpujarras!

2025 - Las Alpujarras - Andalusia - Spain
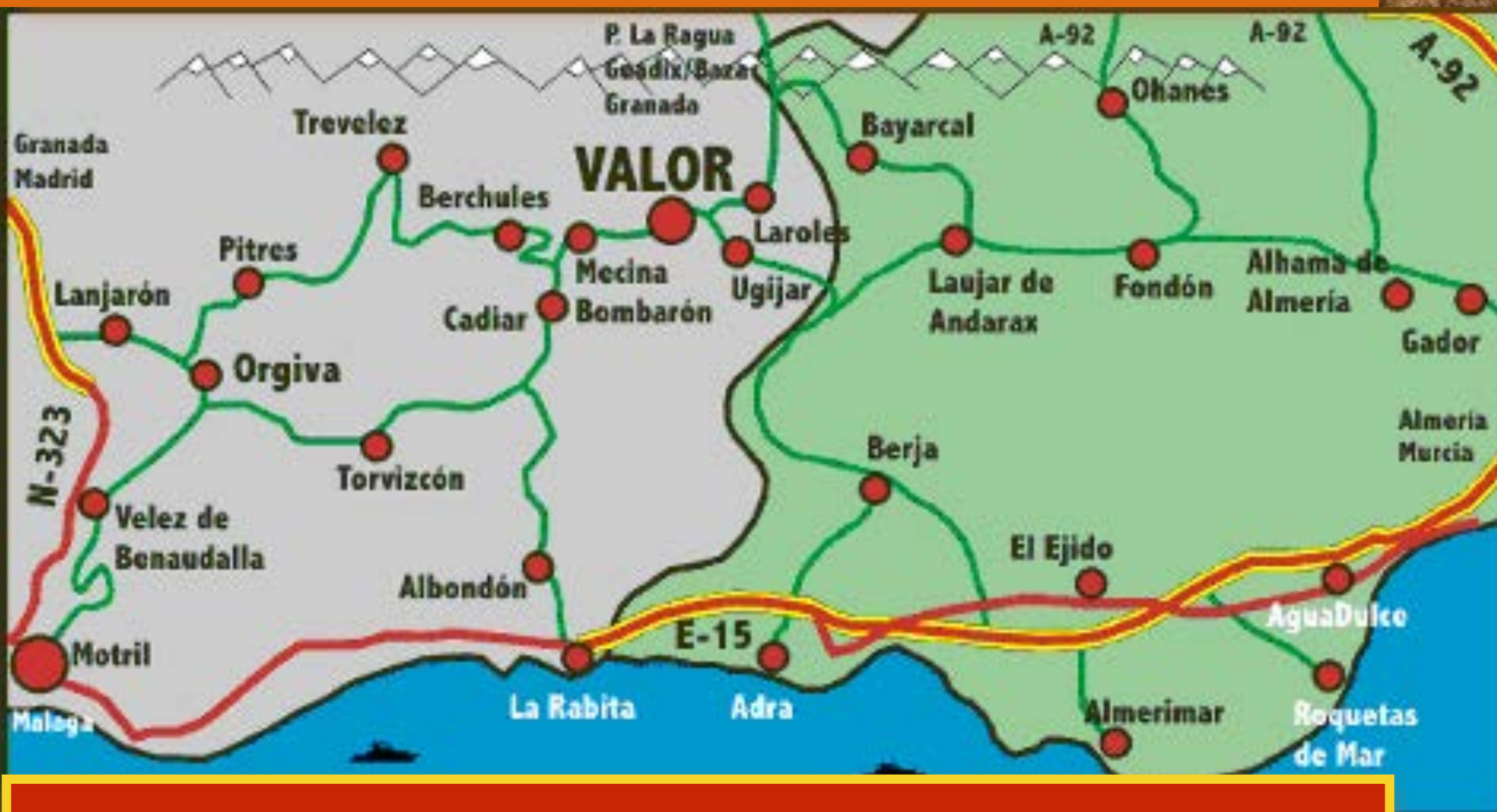
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Just Objects

About Me

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GeoQoS

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1. Intro
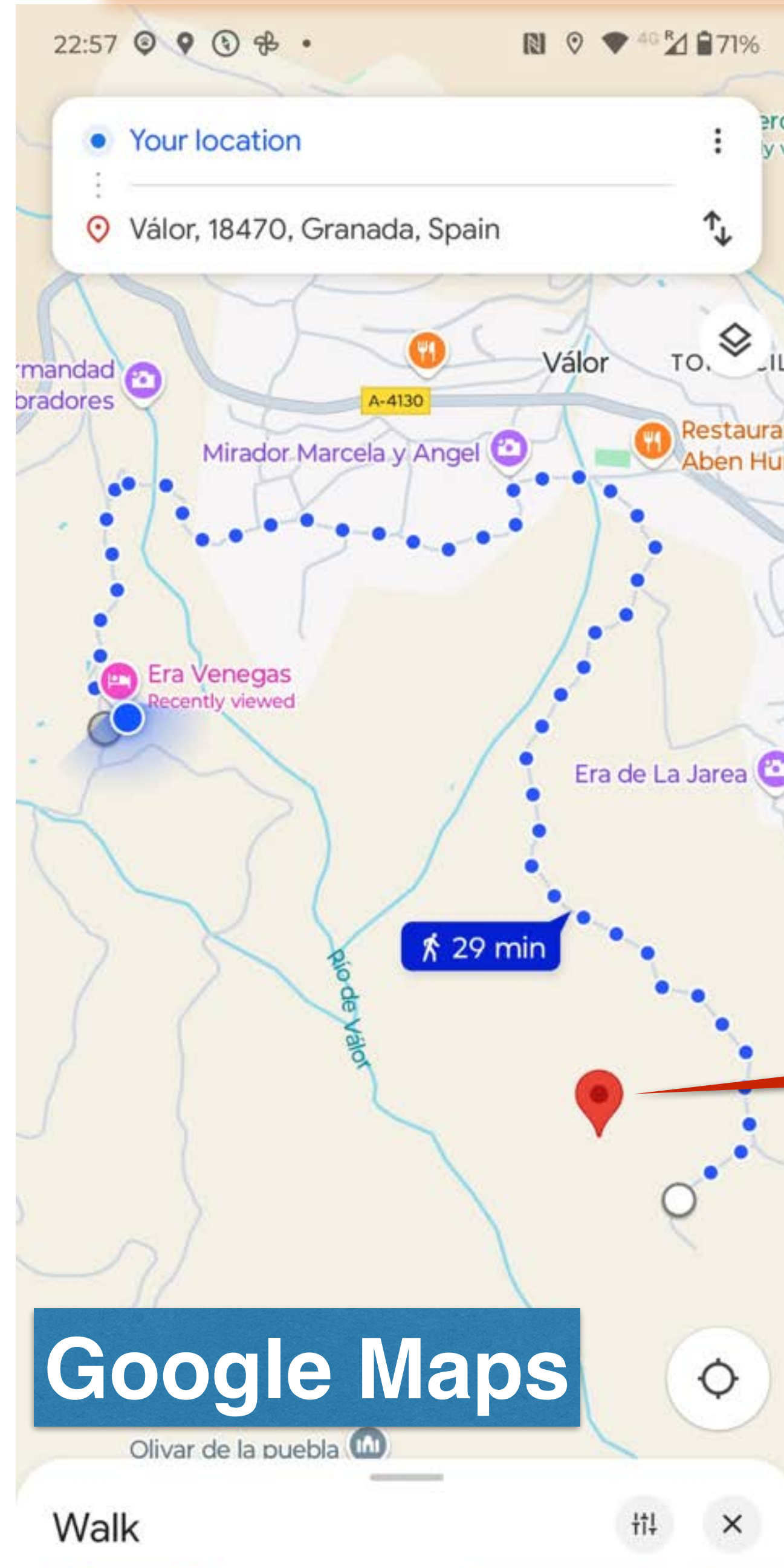
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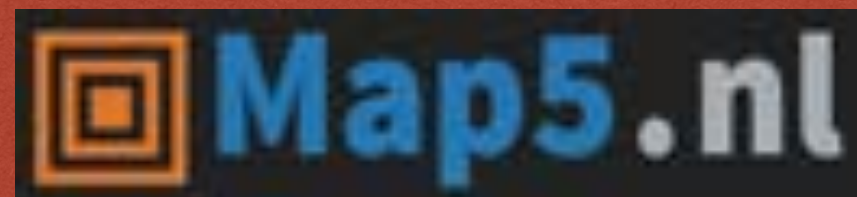
What is OpenStreetMap?

- **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."

Why?

Pedestrian Routing - Google Maps vs Organic Maps (OSM)

"Take me to G&T"

Google Maps

Organic Maps

Why OpenStreetMap Matters

- Open Data: All map data is freely available for use, modification, and sharing.

- Community-Driven: Built and maintained by volunteers worldwide.

- Customizable: Tailored for local needs, from urban planning to disaster management.

Key Features of OSM

- Global Reach: Covers urban and rural areas worldwide.

- Niche Details: Includes footpaths, bike trails, and local businesses.

- Frequent Updates: Real-time contributions keep maps current.

Benefits for Local Communities

Local Knowledge

· Contributors can map their own neighborhoods, highlighting underrepresented areas.

· Enables local businesses, landmarks, and trails to gain visibility.

Capacity Building

· Community mapping initiatives improve digital skills and geographic literacy.

· Encourages collaboration among residents.

Support for Development Projects

· Enhances urban planning, disaster response, and public health initiatives.

· Maps underserved areas for better resource allocation.

Real-Life Examples

Disaster Response

- Haiti Earthquake (2010): OSM provided critical maps for rescue operations.

- DANA Valencia (2024): OSM played a crucial role in mapping flood-affected areas during the Mediterranean "Depresión Aislada en Niveles Altos" (DANA) event. Volunteers quickly updated maps with flooded zones, blocked roads, and safe evacuation routes, aiding emergency services and community recovery efforts.

Local Advocacy

- Cycling Networks: Communities map bike trails to advocate for safer cycling routes.

Rural Development

- Tanzania: Villages mapped for better access to healthcare and education resources.

- Organic Maps: Offline navigation and travel maps 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.

- StreetComplete: Simple app to answer map-related questions and impro
  map details.

- EveryDoor: Mobile tool to add or edit businesses, amenities, and more.

- Vespucci: Advanced OSM editor for detailed mapping contributions.

- Organic Maps: Allows direct edits to OSM data within the app.

How Communities Can Start Using OSM

- 1. Get Involved: Organize a local mapping party.

- 2. Learn: Use OSM's free tools and tutorials to start contributing.

- 3. Collaborate: Partner with local governments or NGOs to map priority areas.

Tools and Resources

- OSM Website: www.openstreetmap.org

- Map Editing Tools: iD Editor, JOSM (Java OpenStreetMap Editor).

- Community Support: Local OSM groups and forums.

Call to Action

Join the Movement!

- Help map your local community.

- Empower others by sharing knowledge.

- Together, we can make a difference with OpenStreetMap!

Thanks!
Questions?

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Mastodon: https://mapstodon.space/@justb4
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OSM Workshop: alpumapa.xyz
Apps:
  https://organicmaps.app/