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Electric motosharing for public workers (E-MOB)

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Webinar: E-Mobility V – E-vehicle Sharing

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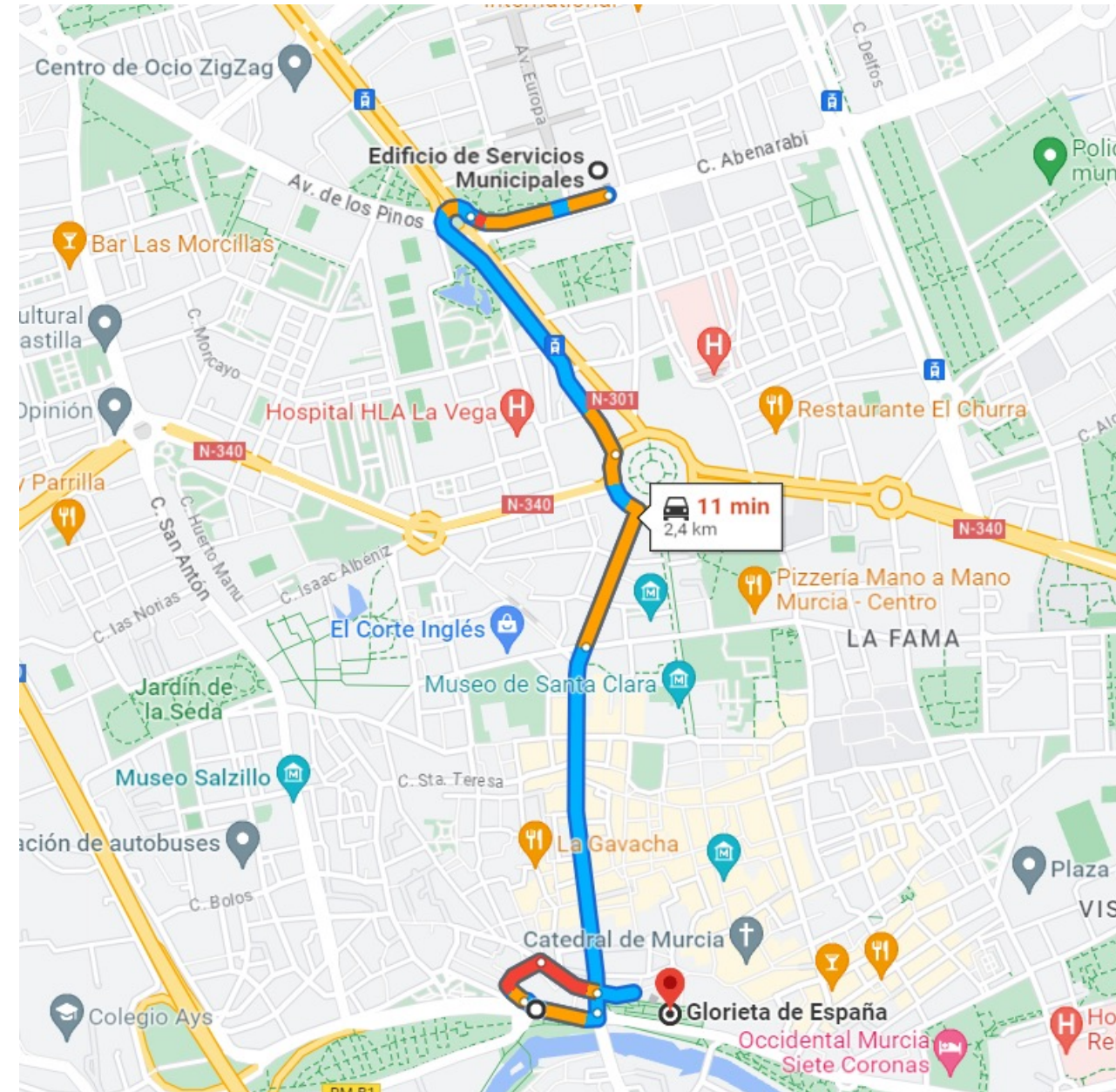
General Description

- Implemented in 2018
- 8 e-motorbikes & 3 charging points in 1 location
- IT system
- Individual Application



Context

- ≈400 municipal vehicles
 - Note: Skewed comparison
- Murcia, Climate
 - Low precipitation, high temperatures
- Distances
 - Large Municipality 881,86 km²



Challenges

- Economic investment: Procurement of the 8 motorcycles and the chargers, key cabinet set-up.
- Maintenance and Supervision (civil servant)
- Generating a change in mentality.
- The project progressed thanks to **political support**.
- Expansion

compartemoto

Servicio gratuito de motocicletas eléctricas compartidas
para personal del **Ayuntamiento de Murcia**

Impact of the practice

- Photovoltaic system on the roof
- Dec 22, $\approx 34,500$ km = reduction of 3.61 tCO₂.
- Average km/year (installed implementation), until 2030 min 12.26 tCO₂ reduction.
- IT system: average 3 users per day per e-scooter.
- Expansion of the programme



Key lessons

- Establish usage rules
- Location, Location, Location
- Base study
- Parameters are scalable, being able to start with small pilots that are easy to expand.



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Thank you!

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