

Workshop

Electromobility & Road Safety: challenges and opportunities

Guadalajara, 17th of October, 2022 – 14h00 to 16h00 (local time)

Asociación de Fabricantes de Muebles de Jalisco A.C. (AFAMJAL) ([map](#) here)

Av. Mariano Otero 1313, Verde Valle, 44530 Guadalajara, Jalisco, México

Registrations: <https://polisnetwork.civi-go.net/civicrm/event/register?reset=1&id=272>

What is this about?

¿De qué se trata esto?

Decarbonization of Urban Mobility is becoming a political priority for national, regional and local governments all over the world. As an essential tool to reach that goal, Electromobility is advancing fast, with public incentives and market dynamics growing the number of vehicles and expanding charging infrastructure.

But reducing vehicle emissions isn't enough – Urban Mobility must also become safe. Are you aware of the challenges and opportunities brought by Electromobility to Road Safety?

For example:

- **E-fast** – electric cars can travel at high speeds too, and they can actually reach those speeds quicker, as they have instant torque and accelerate faster. On the other hand, with an electric powertrain it's easier to implement Intelligent Speed Assistance (ISA).
- **E-silent** – the noise made by internal combustion engines helped people with visual disabilities detect the approach of cars, buses and motorcycles. Silent vehicles bring an additional challenge to unsignalized crossings and shared spaces. What can be done?
- **E-large** – with the use of electric power and the increase in engine efficiency, size matters less to reduce emissions. So, electric cars are getting bigger. The fast growth of electric plug-in SUVs and heavy-duty vehicles is a matter of special concern, as they are more dangerous for people walking and cycling.



- **E-mess** – fast market uptake of electric cars is growing their number, spatial dispersion, and demand for dedicated charging infrastructure. Keeping up with that demand must not become an additional source of problems for pedestrians, with a proliferation of chargers placed on sidewalks, or wires coming through apartment windows...
- **E-various** – because electric engines can be smaller and lighter, electromobility is expanding way beyond cars, and now powers motorcycles, mopeds, cargo bikes, standing scooters, monowheels... and whatever is coming next. This diversification of motorized vehicles is rapidly growing the number of “vulnerable road users on wheels”.

What will we be doing?

¿Qué estaremos haciendo?

In this Workshop we will map, explore and understand these challenges and opportunities, and discuss how we can best mitigate the risks, and benefit from the advantages. How can we make Zero-Carbon support Vision-Zero?

The workshop will have two parts. First, a 20-minute introductory presentation on the topic, so everyone's on the same page. Then, structured group work on the issues mentioned above (and any other which may eventually pop up from the participants' input). The session will be structured in a way that will give each participant the opportunity to learn about, and contribute to, a number of these issues.

The input collected from participants will feed the development of a **Knowledge Brief**, which in turn will support the work of ITF's [Safer City Streets Network](#), the EU Project [SOLUTIONSplus](#) (bringing knowledge on Electromobility to the four corners of the world), the [POLIS Network](#), and YOUR own work, as much as you want it to.

The Workshop will be conducted in English – but simultaneous interpretation will be available for Spanish-speaking participants.

Come aboard!

¡Vengan a bordo!

Interested? Please follow this link to register:

<https://polisnetwork.civi-go.net/civicrm/event/register?reset=1&id=272>

