

SOLUTIONSplus Replication Actions **Regional E-Mobility Training Hubs**

The SOLUTIONSplus project, supported by the European Union's Horizon 2020 program, aims to foster transformational change towards sustainable urban mobility by integrating innovative electric mobility solutions. As part of its capacity-building strategy, the project proposes the establishment of regional e-mobility training centers. These centers are designed to serve as hubs for education, training, innovation, and industry engagement in the e-mobility sector across various global regions.

Objective

The objective of these training centers is to develop skilled professionals in e-mobility and to facilitate the exchange of knowledge and technology between academia and industry, thereby accelerating the development and adoption of e-mobility solutions in the respective regions.

Training Modules and Curriculum

Reflecting on the diverse needs and strategic focus areas from the SOLUTIONSplus living labs and demonstration cities, the curriculum at each center will include:

- **Technology and Innovation:** Leveraging insights from living labs, such as those in Hanoi and Quito, to cover last-mile connectivity solutions and the integration of multimodal transport systems.
- **Policy and Regulatory Frameworks:** Incorporating learnings from global policy exchanges facilitated by SOLUTIONSplus, ensuring that training aligns with local regulatory environments and international best practices.
- **Practical Skills Development:** Hands-on modules in vehicle maintenance, charging infrastructure setup, and battery management systems, informed by industry partnerships.
- **Sustainability and Impact Measurement:** Using tools and methodologies developed within SOLUTIONSplus for assessing the environmental and social impacts of e-mobility projects.

Expected Outcomes

- **Skilled Workforce:** Training of professionals equipped to lead the expansion of e-mobility in their regions.
- **Industry-Academia Collaboration:** Strong partnerships resulting in innovation and contextual adaptation of technologies.
- **Policy Impact:** Development of local policies that support sustainable e-mobility ecosystems.
- **Sustainable Urban Mobility:** Promotion of low-carbon, efficient, and inclusive transportation options.

The regional e-mobility training centers envisioned by SOLUTIONSplus will be part of the Urban Living Lab Center and will be actively supported in the co-development and delivery of trainings.