

Development of 9 Key National Standards for E-Vehicle Charging Infrastructure



PROJECT SNAPSHOT

Country: Vietnam

The widespread adoption of electric vehicles (EVs) hinges on a comprehensive framework for charging infrastructure. However, a critical gap currently exists: a lack of standardized protocols.

Standardization is essential for ensuring compatibility between chargers and vehicles, safety for users, and efficiency in system operation. To bridge this gap, this project will embark on a collaborative effort to develop comprehensive EV charging infrastructure standards.



ETP'S CONTRIBUTION

This project is paving the way for a robust electric vehicle (EV) ecosystem in Vietnam by establishing the essential groundwork: official standards for EV charging stations. These standards will ensure compatibility between chargers and vehicles, prioritize user safety, and optimize the efficiency of the charging network. By laying this critical foundation, the project empowers Vietnam to embrace the future of e-mobility with confidence.

KEY OUTPUTS

- Development of 9 key national standards for e-vehicle charging infrastructure
- Organize workshops to disseminate the national standards to the policymakers, policy executors and relevant stakeholders (local and international manufacturers, importers, automobile producers, VCCI and professional communities)
- Ensure that the standards are announced to the general public and applied during the production and import of products

CONNECT





ENERGY
TRANSITION
PARTNERSHIP

STRATEGIC OUTCOME 1

Policy Alignment with Climate Commitments

IMPLEMENTATION PARTNERS

Bao Loc Technology Joint Stock Company
(BLT. Cert)

STAKEHOLDERS

SMEs Development Support Center 2
(SMEDEC 2)

PROJECT DURATION

May 2023 - June 2024



IMPACT

→ Creating 9 communication standards between charging stations and the electricity grid to enable installation and licensing by station owners which directly aids green transport growth in Vietnam



OUTCOME

→ The national standards for e-vehicle charging stations establish the foundation for the long-term development of the green transport sector, reduce emissions and accelerate the energy transition



OUTPUT

→ Developing e-vehicle charging infrastructure standards and disseminating national standards to industry and stakeholders

CONTACT DETAILS

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