By being in close collaboration with European EV initiatives, equipment manufacturers, service providers, utilities and industrial networks, COTEVOS seeks a unified EU approach to the EV interoperability and smart charging

Concepts, Capacities and Methods for Testing EV systems and their interoperability within smart grids

Developing Capacities for Electric Vehicle Interoperability Assessment

1 September 2013 / 29 February 2016

Coordinated by:

For more information please visit www.cotevos.eu

Printed: 6 March 2014
Objectives

- Integration and alignment of testing methods with standards
- Communication and information management
- Unified test facilities
- Development of tests and testing procedures

COTEVOS aims to establish the optimal structure and capacities to test the conformance, interoperability and performance of all systems making up the infrastructure for the charging of Electric Vehicles (EV).

The COTEVOS Project

COTEVOS verifies the functionalities different systems require to manage EV charging and the associated smart grid infrastructure. Based on the partners’ complementary experience, a decade of collaboration on facilities, standardisation and research infrastructures for DER, COTEVOS addresses such key issues as:

- assessment of the interoperability of systems for the integration of EV in the grid
- design of procedures and tests according to the relevant use cases
- coherence with the Smart Grid Architecture Model
- cross-national collaboration and transparency

The main goal is to help reduce the time-to-market of the equipment and to ensure its availability along with the market arrival of Electric Vehicles.

Technical Fields of Work

- Integration and alignment of testing methods with standards
- Communication and information management
- Collective test facilities
- Development of test and testing procedures
- Business model analysis

External laboratories are invited to participate in round robin tests and in the development of new testing procedures

Workflow

Basic Facts

- Duration: September 2013 – February 2016
- 11 partners from 9 countries
- Profile: OEM, DSO, system manufacturer, laboratories
- Wide international network and collaborations
- Awarded with the EEGI Label
- Coordinator: TECNALIA

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