



White Book Gives Recommendations on Business Opportunities and Interoperability Assessment for EV Integration

3 April, 2017. Kassel, Germany – The COTEVOS project presents an updated version of the [COTEVOS white book “Business Opportunities and Interoperability Assessment for EV Integration”](#) aiming to raise the awareness on the integration of Electric Vehicles (EV).

Business Opportunities for Interoperability Assessment of EV Integration



COcepts, capacities and methods for **TE**sting **EV**
systems and their inter**OP**erability within **Sm**art grids



EV emerge as a great challenge for the electricity distribution network infrastructure, but they also offer outstanding business opportunities under the smart grid and future transportation umbrellas.

A key factor in enabling EV integration is interoperability. This feature allows different systems from the same or different vendors to exchange information and subsequently use it to perform required functions and/or services. Implicit complexity of information exchange among components and actors and the associated barriers are crucial factors in the assessment of interoperability.

Interoperability between EV and electric power system is one of the major topics examined in the white book. Among the others are the technologies for EV integration, potential business models, and the EV system architecture. The publication also outlines a roadmap for interoperability assessment and interoperability test development. The best practices presented

in the white book are a valuable insight for industry actors into future EV development, and for researchers - into ways of enhancing their ICT testing capabilities.

COTEVOS evaluated all domains including stakeholder interactions within the broad diversity of services, business models and regulatory schemes. In order to overcome the challenges in EV business development, the white book gives several recommendations to different stakeholders in regards to: business models and standards development, plug-test events for standards validation, strategies to develop a pan-European interoperable testing infrastructure, and control strategies for the cost-efficient grid integration of EVs and other distributed energy resources.

You can find the COTEVOS white book available for free download at www.cotevos.eu

Funded by the FP7 of the European Commission, the COTEVOS (**CO**ncepts, **CA**pacities and **M**ethods for **TE**sting **EV** Systems and their inter**OP**erability within the **Sm**art Grid) project ran from September 2013 until February 2016 and involved eleven partners, including DERlab, and three external parties. Led by TECNALIA, COTEVOS developed optimal structures and capacities to test the conformance, interoperability and performance of all systems making up the infrastructure for the charge of EV.

Press release by DERlab e.V.

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