GROUPE RENAULT

COMMUNIQUÉ DE PRESSE 2016-10-27

SECOND LIFE BATTERIES: RENAULT IS PARTNERNING THE ELSA PROJECT TO DEVELOP A UNIQUE ENERGY STORAGE SYSTEM

The EU project *"Energy Local Storage Advanced system"* (ELSA) held its midterm conference on the 27th of October 2016 at La Maison des Travaux Publics in Paris. At the conference, the ELSA consortium presented first insights of trialling its stationary energy battery storage system based on second life electric vehicle batteries provided by Renault and Nissan.

The two main objectives s of the EU-Project ELSA are: to enable an increasing local production of renewable energy and to accelerate the Smart Grid transition. Launched in 2015, the three-year ELSA project is realised by an interdisciplinary consortium of 10 members from five EU countries.

"With ELSA, we bring distributed storage solutions to maturity" said Eric Portales, coordinator of the ELSA project from Bouygues Energy & Services. The ELSA energy storage system is based on second life batteries from the electric vehicle lines at Renault Kangoo Z.E. and Nissan Leaf. An ELSA system is built from several batteries without previous dismantling of the individual battery packs. That way, ELSA does not only give additional life to electric vehicle batteries before they are recycled, but also creates stationary storage solutions that comply with the high safety standards required for electric vehicle batteries in a cost-effective manner. ELSA proposes energy storage solutions for factories, large office and residential buildings and districts. ELSA develops innovative Information and Communication Technology (ICT) to operate a storage system that incorporates batteries of differing source, capacity and quality.

At the ELSA midterm conference titled, *"The ELSA battery storage system – safe, scalable and green,"* the consortium presented first insights of trialling the ELSA system at six pilot sites across Europe. Michael Lippert, Vice-President of the European Association for Storage of Energy (EASE), opened the event.

About ELSA

ELSA addresses existing development needs by combining 2nd life batteries with an innovative local ICT-based Energy Management System in order to develop a low-cost, scalable and easy-to-deploy battery energy storage system.

The ELSA consortium consists of 10 members from five EU countries: Bouygues Energies & Services, Renault SAS, Nissan West Europe SAS, RWTH Aachen University, United Technologies Research Centre Ireland Limited, Engineering Ingegneria Informatica S.p.A., B.A.U.M. Consult GmbH, ASM Terni S.p.A., Gateshead College and the Allgäuer Überlandwerk. The project receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646125.

Find out more about ELSA

Contact

Janina Schneiker
B.A.U.M. Consult GmbH
Gotzinger Str. 48-50
81371 München
contact@elsa-h2020.eu

Pour Plus D'informations:

Astrid DE LATUDE
Attachée de presse corporate
+33 (0)1 76 83 18 84
astrid.de-latude@renault.com
GROUPE RENAULT
PRESS OFFICE
Tel.: +33 (0)1 76 84 63 36
renault.media@renault.com

Sites web: www.media.renault.com - www.group.renault.com

Follow us on Twitter : **@Groupe_Renault**