



Power to the people: Nissan and ENEL launch first smart grid trials

POWER TO THE PEOPLE: NISSAN AND ENEL LAUNCH FIRST SMART GRID TRIALS

- **Electric car to become home 'energy hub', allowing renewable energy to be harnessed and stored by the car**
- **Nissan will commence Smart Grid trials in partnership with energy supplier, ENEL**
- **More than Nissan 200,000 LEAF sold worldwide**

PARIS, FRANCE, 8th December 2015: At the 21st UN Conference on Climate Change (COP21) in Paris this week, Nissan has announced the development of an innovative Vehicle to Grid system which will allow drivers to operate as individual 'energy hubs' with the ability to store, use or return electricity to the grid.

Nissan will commence Smart Grid trials in partnership with multinational energy manufacturer and distributor, ENEL.

As part of the landmark partnership, Nissan and ENEL have committed to working together, to explore:

- Introducing this revolutionary technology to the European market;
- The extended use of 'second life' electric vehicles batteries for static applications;
- Designing and evaluating potential affordable energy and mobility pack offers

Vehicle-to-Grid allows customers to take control of the type of energy they consume – avoiding peak tariffs and generating additional household income during peak times.

Using a special two-way charger and energy management system developed by Nissan in partnership with ENEL, LEAF owners can connect to charge at low-demand, cheap tariff periods, with an option to then use the electricity stored in the vehicle's battery at home when costs are higher, or even feed back to the grid to generate additional household income.

"Our customers are no strangers to great value, with the Nissan LEAF offering unbeatable value motoring from three cents per kilometre. Now, with the introduction of Smart Grid technologies, we can empower motorists to take control of their energy mix – stimulating greater use of renewable power, and offering significant financial rewards for those who make the switch to electric.

"The personal benefits of innovations like this are clear, but moreover, we believe that this technology could help guarantee a cleaner energy infrastructure for generations to come."

Nissan - the world leader in EV sales with 200,000 Nissan LEAF sold worldwide - is turning a page in zero emission mobility by unlocking the full potential of its electric vehicle batteries with the ENEL two-way charging technology.

For more information about Nissan products, services and the brand's commitment to sustainable mobility, visit www.nissan.eu/experience-nissan.html

NOTES TO EDITORS:

About Nissan in Europe

Nissan has one of the most comprehensive European presences of any overseas manufacturer, employing more than 17,600 staff across locally-based design, research & development, manufacturing, logistics and sales & marketing operations. Last calendar year Nissan plants in the UK, Spain and Russia produced more than 675,000 vehicles including award-winning crossovers, small cars, SUVs, commercial vehicles and electric vehicles, including the Nissan LEAF, the world's most popular electric vehicle with 96% of customers willing to recommend the car to friends. Nissan now offers a strong line-up of 23 diverse and innovative models in Europe under the Nissan and Datsun brands.

About Nissan Motor Co.

Nissan Motor Co., Ltd., Japan's second-largest automotive company, is headquartered in Yokohama, Japan, and is part of the Renault-Nissan Alliance. Operating with more than 247,500 employees globally, Nissan sold 5.32 million vehicles and generated revenue of 11.38 trillion yen (USD 103.6 billion) in fiscal year 2014. Nissan delivers a comprehensive range of more than 60 models under the Nissan, Infiniti and Datsun brands. Nissan leads the world in zero-emission mobility, dominated by sales of the LEAF, the first mass-market, pure-electric vehicle. It is the best-selling EV in history with almost 50% share of the zero-emission vehicle segment.