



#### Media Relations

T +39 06 8305 5699  
F +39 06 8305 3771  
ufficiostampa@enel.com

enel.com

## ENEL BRINGS VEHICLE TO GRID TECHNOLOGY TO V2G HUB IN THE NETHERLANDS

- *Enel has provided 10 vehicle-to-grid (V2G) charging units to NewMotion, European supplier of smart charging solutions for electric vehicles, for its pilot V2G project located near Amsterdam*
- *The new V2G hub, which also sees the involvement of Mitsubishi Motors Corporation as provider of the vehicles, is aimed at stabilising electricity flows in the Dutch transmission grid operated by TenneT*

**Rome, October 18<sup>th</sup>, 2017** – Enel has started the installation of 10 vehicle-to-grid (V2G) charging units of 10 kW each to a pilot V2G hub in the Netherlands, launched by NewMotion, a leading European supplier of smart charging solutions for electric vehicles. This project involves the installation, near Amsterdam, of the Enel's V2G units for a total capacity of 100 kW at private and commercial locations. Other partners in the project are Japanese company Mitsubishi Motors Corporation, which will provide 10 Outlander PHEV plug-in hybrid SUVs, as well as Dutch grid operator TenneT.

When the Mitsubishi Outlander PHEV vehicles are not in use, they can be plugged in to the Enel V2G units to receive energy from and provide energy back to the national grid on demand, with the aim of stabilising electricity flows in the network. The Grid Integrated Vehicle platform GIVe™ by California-based company Nuvve controls the power flow to and from the cars, ensuring that the driver's mileage needs are always met and optimising the power available to the grid. With the Mitsubishi plug-in hybrids, dual energy flows enabled by Enel V2G chargers and managed by Nuvve's aggregation platform will turn the hub into an active participant in the Dutch energy management system.

NewMotion, a wholly owned subsidiary of global energy group Shell, is a market leader in electric car charging technology with a European network of more than 50,000 charging points across 25 countries and an app which helps electric vehicle drivers locate available charging points, giving them real-time estimates of the cost of charging their vehicle.

Enel is a partner in the first commercial V2G hub that was launched worldwide in Denmark in 2016, now composed of 24 Enel V2G units for a total capacity of 240 kW.

Enel is a multinational power company and a leading integrated player in the global, power, gas and renewables markets. It is Europe's largest utility in terms of market capitalisation and figures among Europe's leading power companies in terms of installed capacity and reported EBITDA. The Group is present in over 30 countries worldwide, producing energy through more than 85 GW of managed capacity. Enel distributes electricity and gas through a network of over 2 million kilometres, and with over 65 million business and household customers globally, the Group has the largest customer base among



European competitors. Enel's renewables arm Enel Green Power already manages around 39 GW of wind, solar, geothermal, biomass and hydropower plants in Europe, the Americas, Africa, Asia and has recently arrived in Australia.