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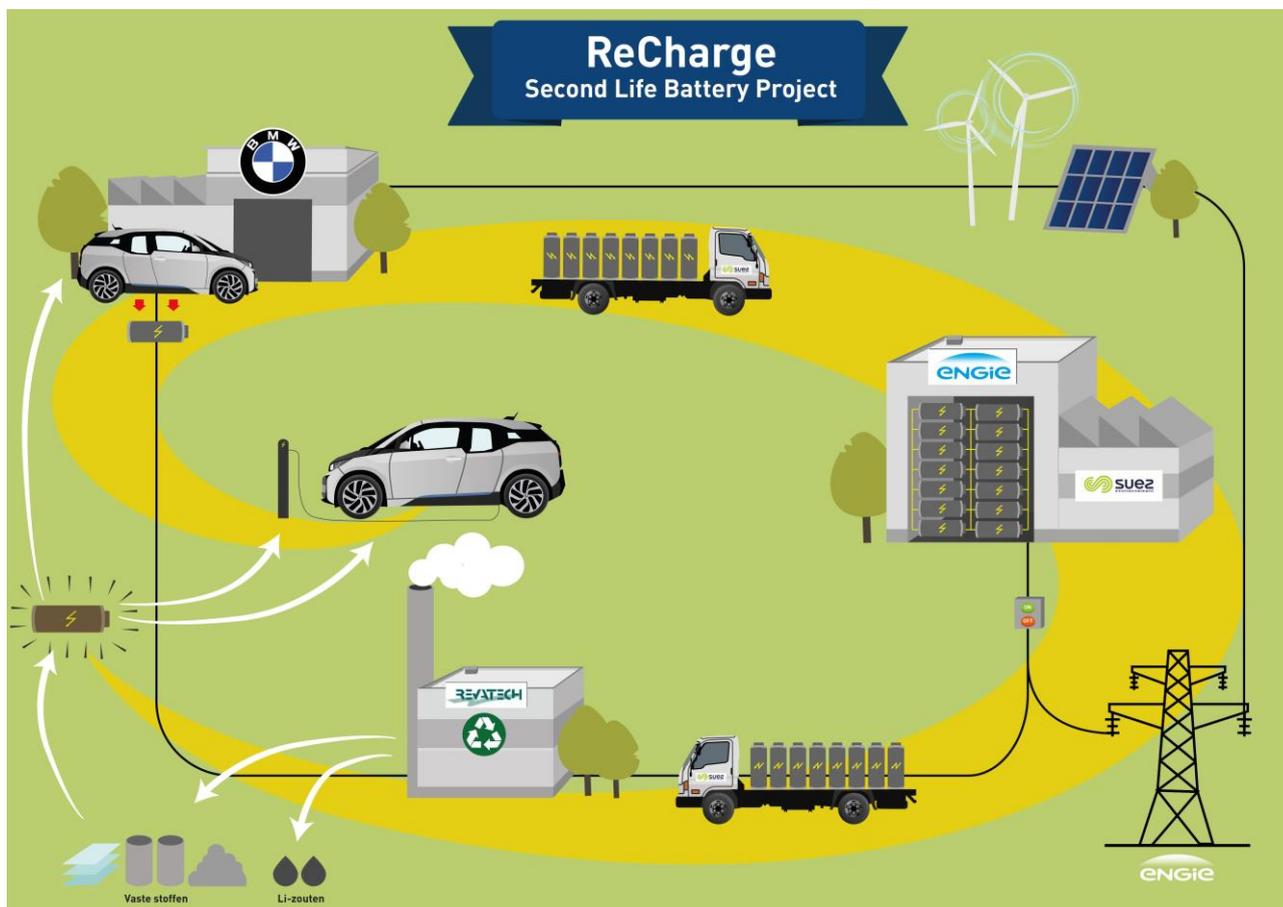
SUEZ AND ENGIE SERVICES TEAM UP FOR A FEASIBILITY STUDY IN THE NETHERLANDS: A SECOND LEASE OF LIFE FOR CAR BATTERIES

In the Netherlands, SUEZ and ENGIE Services are joining forces in a study called “ReCharge” that will look into the possibility of reusing used car batteries in the energy chain. The project calls on the activities of SUEZ and ENGIE Services to collect and process batteries, and then to examine the possibility of using them to store other energy sources. This nationwide project is the first study of the possible reuse of the batteries that equip electric vehicles. This feasibility study should produce its results by the end of the year.

Does reusing car batteries by returning them to the energy chain make technological, legal, structural and economic sense? This is the question that SUEZ and ENGIE Services intend to answer through this feasibility study, supported by the government agency “De Rijksdienst voor Ondernemend Nederland”. The study will look at traditional car batteries and the batteries used in electric vehicles. In 2015, there were almost 90,000 hybrid and electric vehicles in the Netherlands, and this figure is constantly increasing. But the batteries in these vehicles are still not recycled. In terms of energy consumption, they represent more than 750 megaWatts, or the equivalent of one power station. What is more, the electric and hybrid vehicles market continues to grow, thanks to the favourable tax laws passed in 2015.

“The ReCharge study will show us whether car batteries can be reused, from both the technical and economic standpoints. For example, the batteries can be used as “reservoirs” that store excess energy, which can be used later when the demand for power rises,” explains Mascha van Vuuren-Sanders, Managing Director of ENGIE Services Infra & Mobility. “ENGIE Services intends to remain the leading developer of smart energy solutions. We are hoping that this study will open up some interesting new perspectives.”

“It is important to look for creative and specific solutions in order to meet the demand for energy in the future. In a circular economy, waste becomes the raw material for new products. This is the reason why we want to see whether we can recycle car batteries and use them in the form of new products that will act as storage units for renewable energy”, stated Jean-Marc Boursier, Senior Executive Vice President of SUEZ in charge of the Recycling and Waste Recovery division for Europe.



CONTACTS

Press

Isabelle Herrier Naufle
isabelle.naufle@suez-env.com
 +33 1 58 81 55 62

Analysts

+33 1 58 81 24 05

SUEZ

We are at the dawn of the resource revolution. In a world facing high demographic growth, runaway urbanization and the shortage of natural resources, securing, optimising and renewing resources is essential to our future. SUEZ (Paris: SEV, Brussels: SEVB) supplies drinking water to 92 million people, delivers wastewater treatment services to 65 million, collects waste produced by almost 50 million, recovers 14 million tons of waste each year and produces 5,138 GWh of local and renewable energy. With 80,990 employees, SUEZ, which is present on all five continents, is a key player in the sustainable management of resources. SUEZ generated total revenues of €15.1 billion in 2015.