



EV Second Life Batteries for Stationary Storage System

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An OEM in the ELSA project

- Why Renault & Nissan are co-developing Electricity Storage Systems?
- Why using 2nd Life Batteries for Stationary Storage Systems?



Automotive industry: A new player in the energy market







350,000 Electric Vehicles sold by Nissan & Renault

10 gaz power plants 2000 wind turbines

City of Paris consumption during 9 days



Automotive industry: a Plug & Play solution







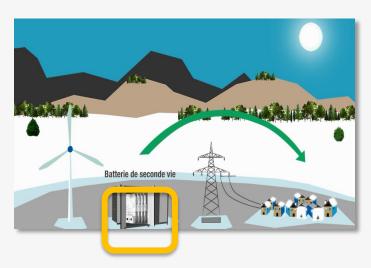




6, 22, 33, 41 kWh

Automotive industry: a mass market product

A simple modular concept for Buildings or Grid applications











GRID with an Aggregator Platform

BUILDING Energy Mgt System

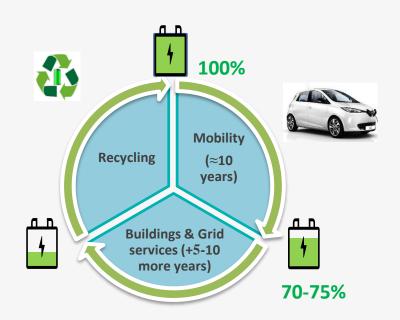






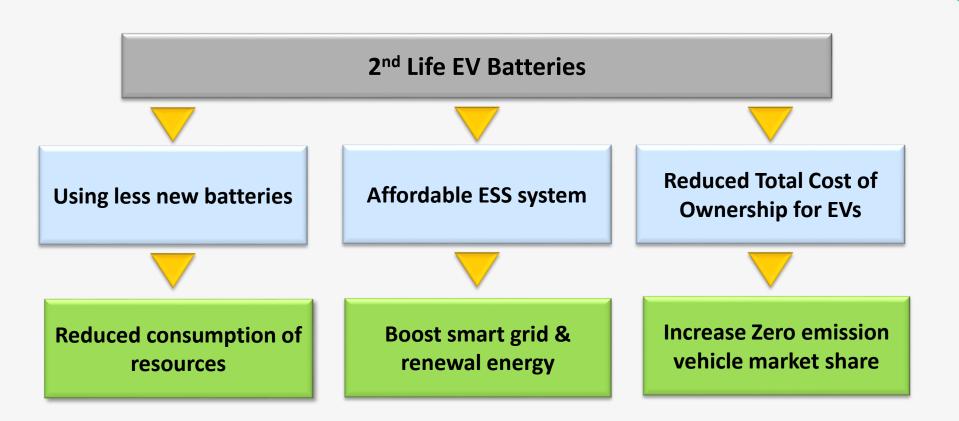
Using 2nd life battery: an attractive solution

- High Safety level
- Technical performance
- Affordable: ½ the price of a new battery





Using a 2nd life battery: a sustainable solution





From a concept to sustainable product

Safe

Security EV Batteries

Scalable

- Scalable architecture with 12 to 96 kWh modules
- 1 controller per battery, able to manage batteries of different age and quality

Affordable

divide by 4 the cost of the first proto

- Direct Connection to Aggregator Platform for DSR revenues
- Using EV 2nd Life Batteries
- Power « on the shelf » Electronics Components



Sustainable

Using EV 2nd Life Batteries

A product based on the market leader knowhow

