

CEPS taskforce on Transport and Climate change

Strategies for the transition to electric mobility

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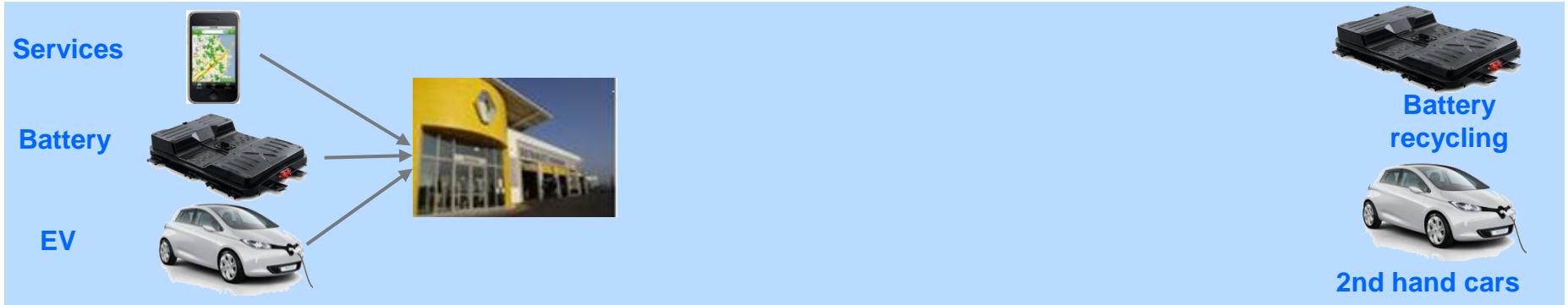
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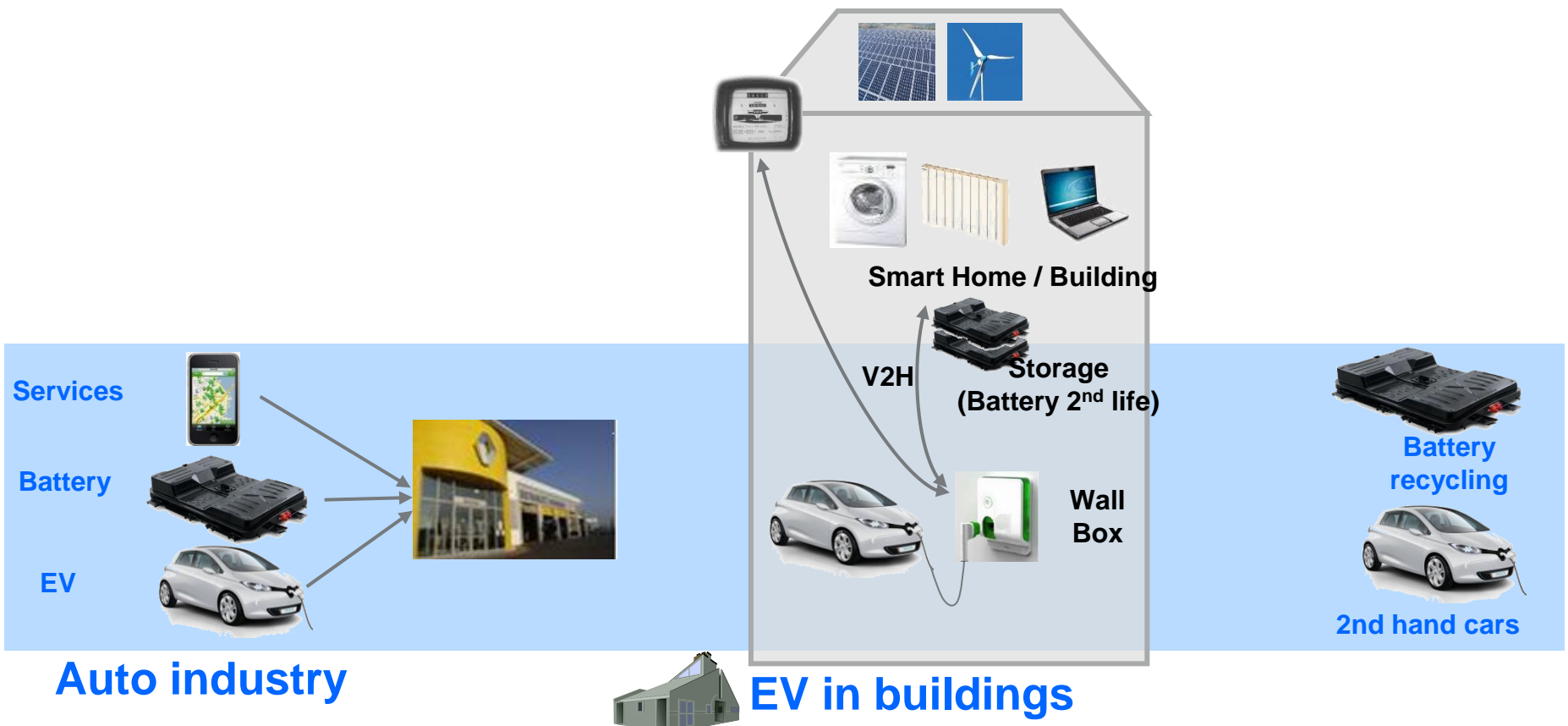
A complete line-up for all customers



Electric Vehicles Ecosystem

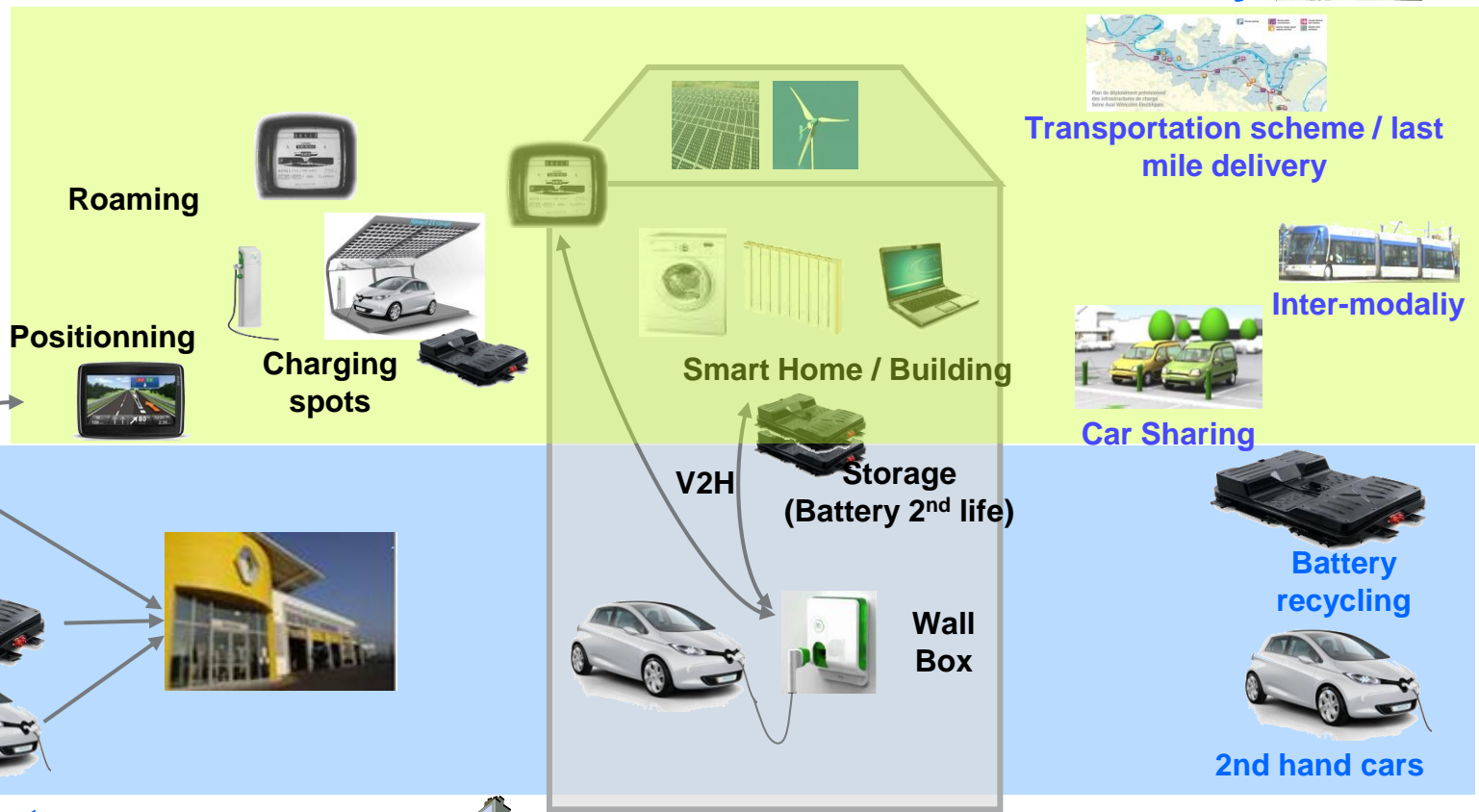


Electric Vehicles Ecosystem



Electric Vehicles Ecosystem

EV in the city



Services 

Battery 

EV 



Auto industry

EV in buildings

Electric Vehicles Ecosystem



Production capacity management

Grid Management

Storage / Batteries 2nd life

EV in the grid

EV in the city



Smart Grid/ V2G

Transportation scheme / last mile delivery



Roaming

Positioning

Charging spots

Smart Home / Building

Inter-modality

Car Sharing

Services

Battery

EV



V2H

Storage (Battery 2nd life)

Wall Box

Battery recycling

2nd hand cars

Auto industry

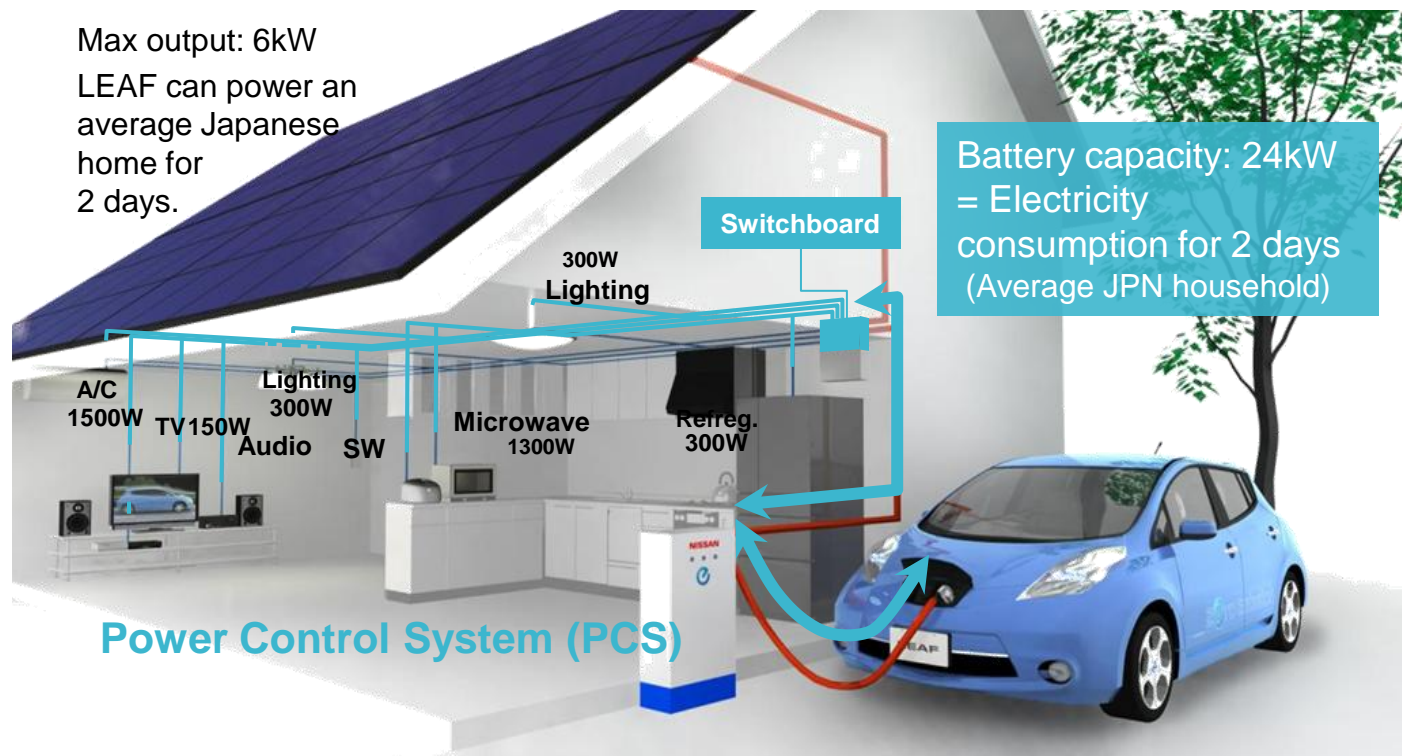
EV in buildings

Impact DAFI Directive



Beyond green: new energy management

Nissan Leaf-to-home



MOVE IN PURE
powered by

L'énergie 100% renouvelable
DE LA COMPAGNIE NATIONALE DU RHÔNE
au service des véhicules électriques

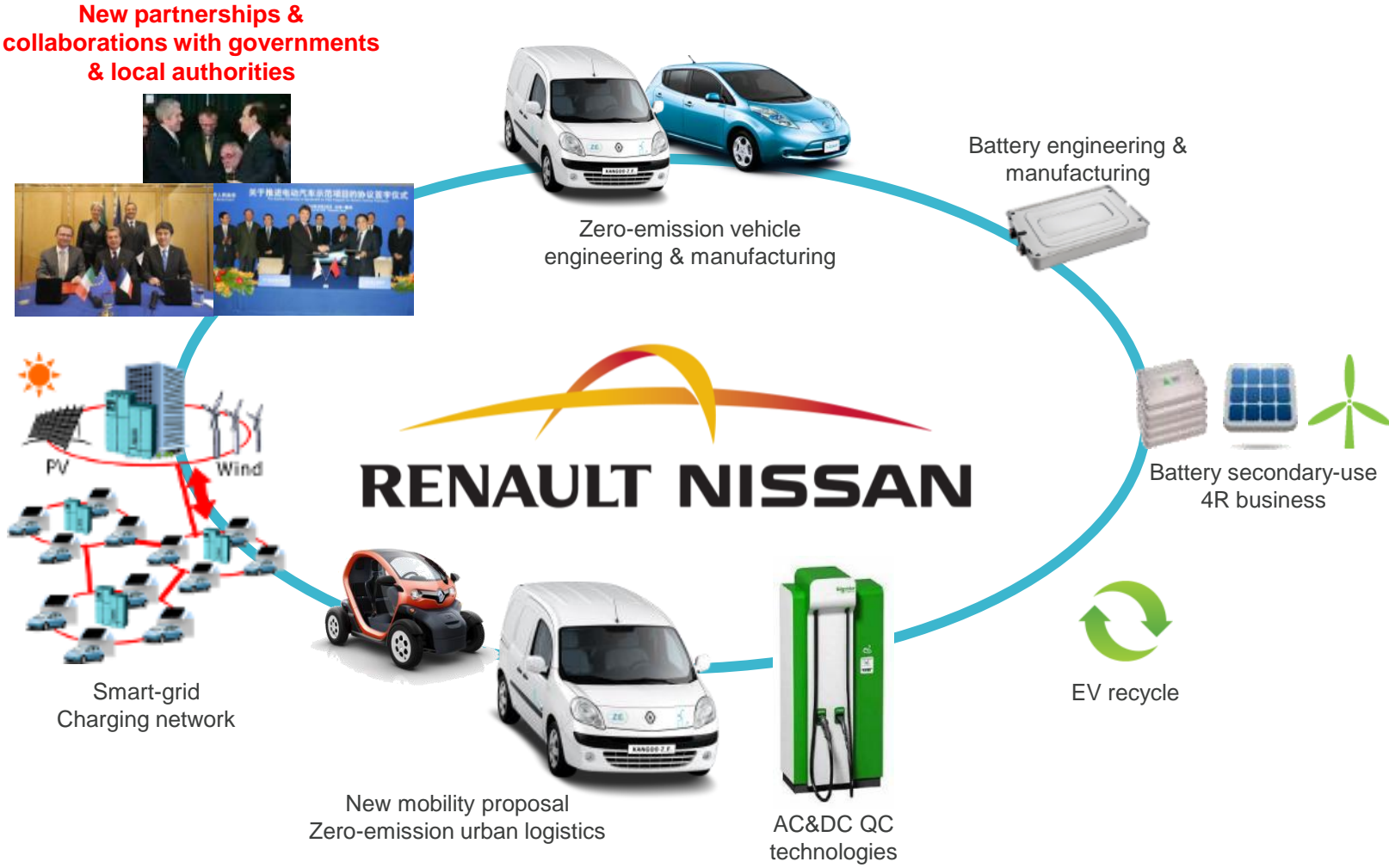
Renault - CNR commercial offer for a 100% renewable EV charge



"Clean Power for Transport" package

- Overall direction of proposal directive on Alternative Fuels Infrastructure can accelerate the path towards zero emission mobility.
- EV is the fastest way to achieve 2050 GHG reduction goals; customer concern is **range anxiety** → **deployment of infrastructure**, including quick charge, is key.
- Uncertainty on standardization of normal charge sockets and standard choice regarding DC quick → risk to decelerate the EV momentum, **and penalize first movers**:
 - one single socket type for normal charge → need for fast decision, smooth transition period and overcost compensation.
 - DC quick charge → technology flexibility needs to be assured for a certain period of time; multi-standard solutions that charge all EVs are available.

Zero-emission cars drive a sustainable society



THANK YOU!

