

**H2020 Info day ICT 1
Brussels
1 December 2015**

**Project Ideas To Bringing Micro Electric
Vehicles from research to the market**

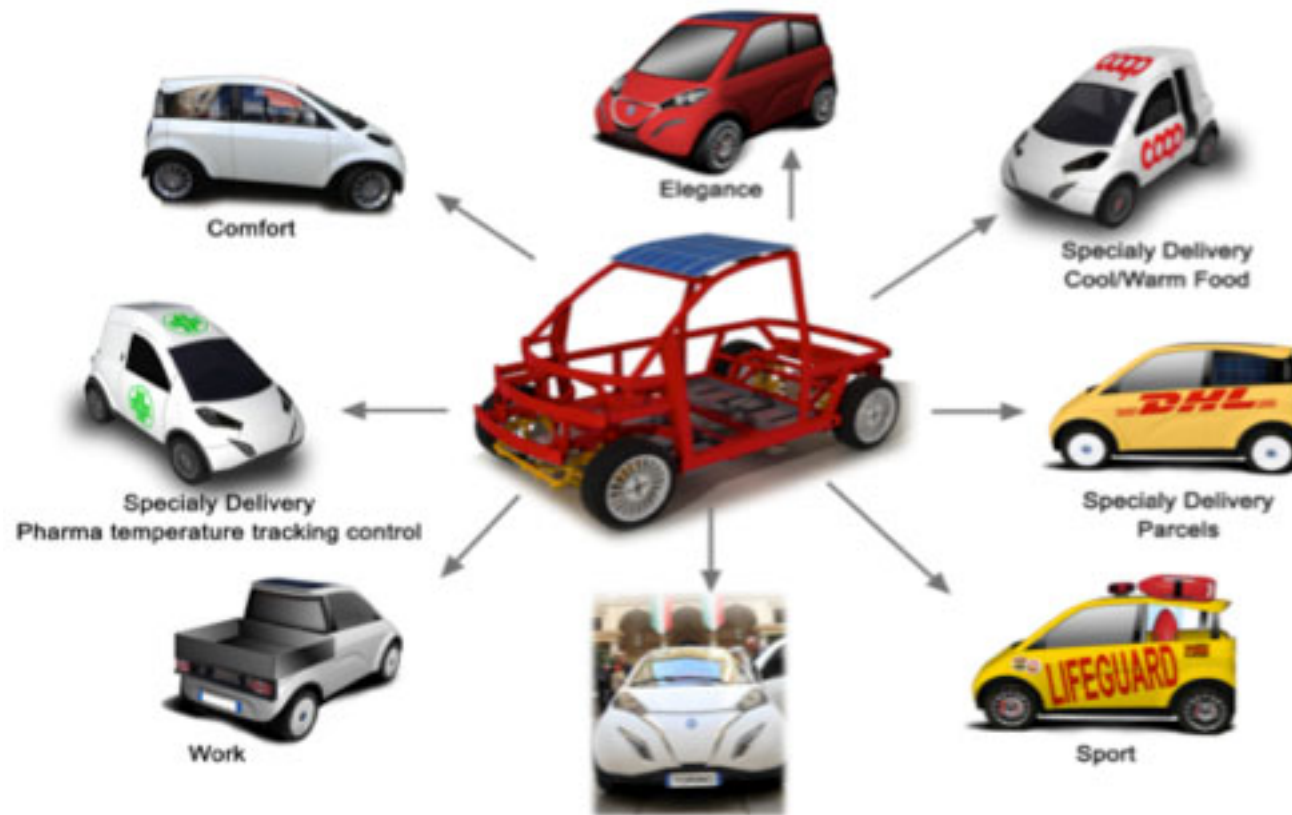
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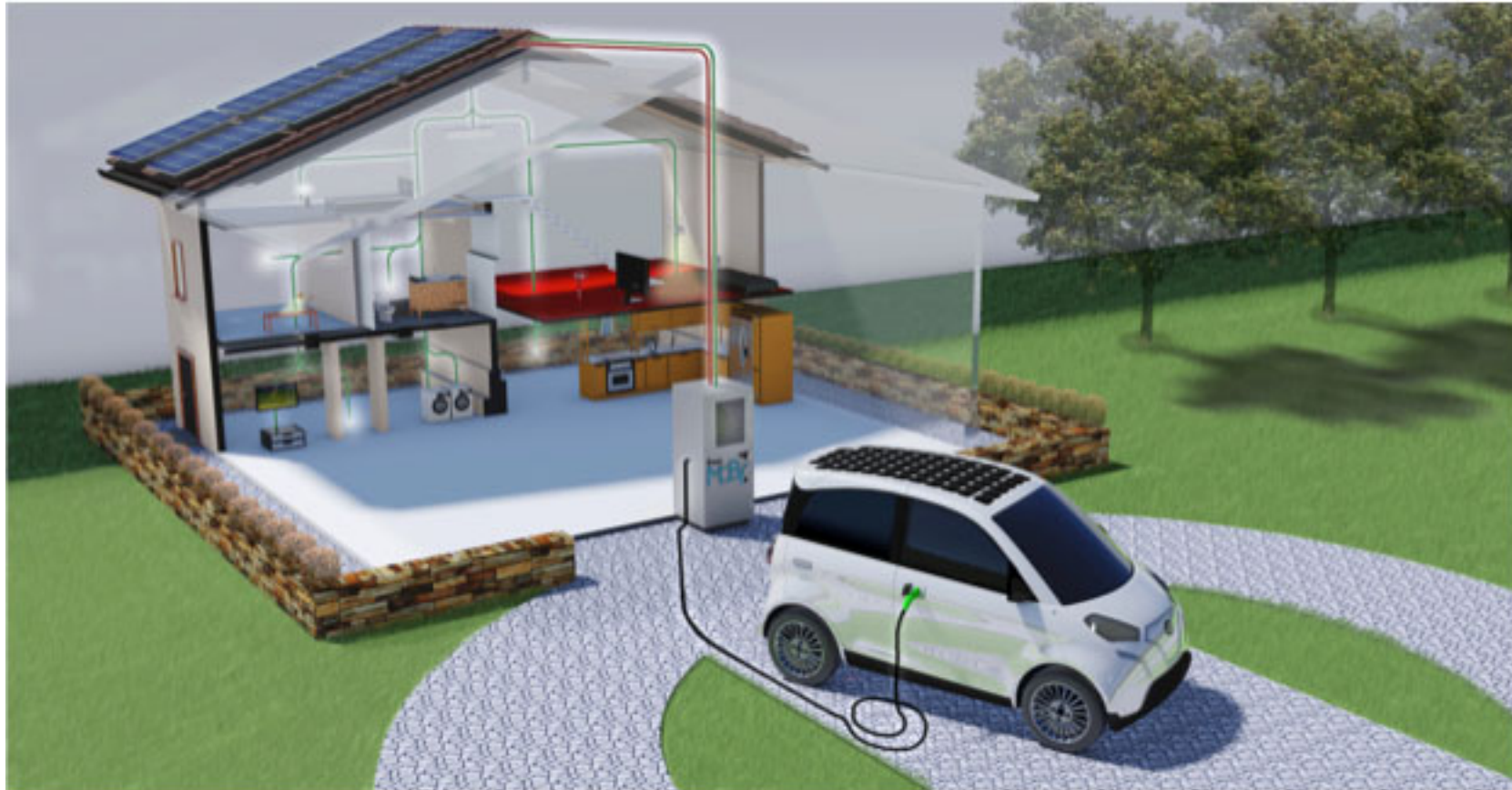
Example of vehicle demonstrators developed



Running PERFORM Project: flexible manufacturing Addressing 50 vehicles/day



Vehicle to Home V2H: Developed Demonstrator



Multidirectional energy exchange between grid-home-stationary rack energy storage - renewable energy installation and electric vehicle. Also including the demonstration of partial battery swapping between EV and stationary energy storage rack (Source: ICT-FREE-MOBY and PLUS-MOBY projects).



Smart Cyber Physical Systems ICT 1

- 1) From body computers to partitioned intelligence: safety, redundancy, simplicity, maintenance
- 1) Optimal Multidirectional energy flow: V2H + V2G + H2G
- 2) Multicamera vision systems: Vehicle black box, continuous monitoring of the state-of-road, automated food delivery....