

H2020 Info day
Digital Automation FOF11 Photonics Laser Based
Production FOF13
Brussels, 1 December 2015

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

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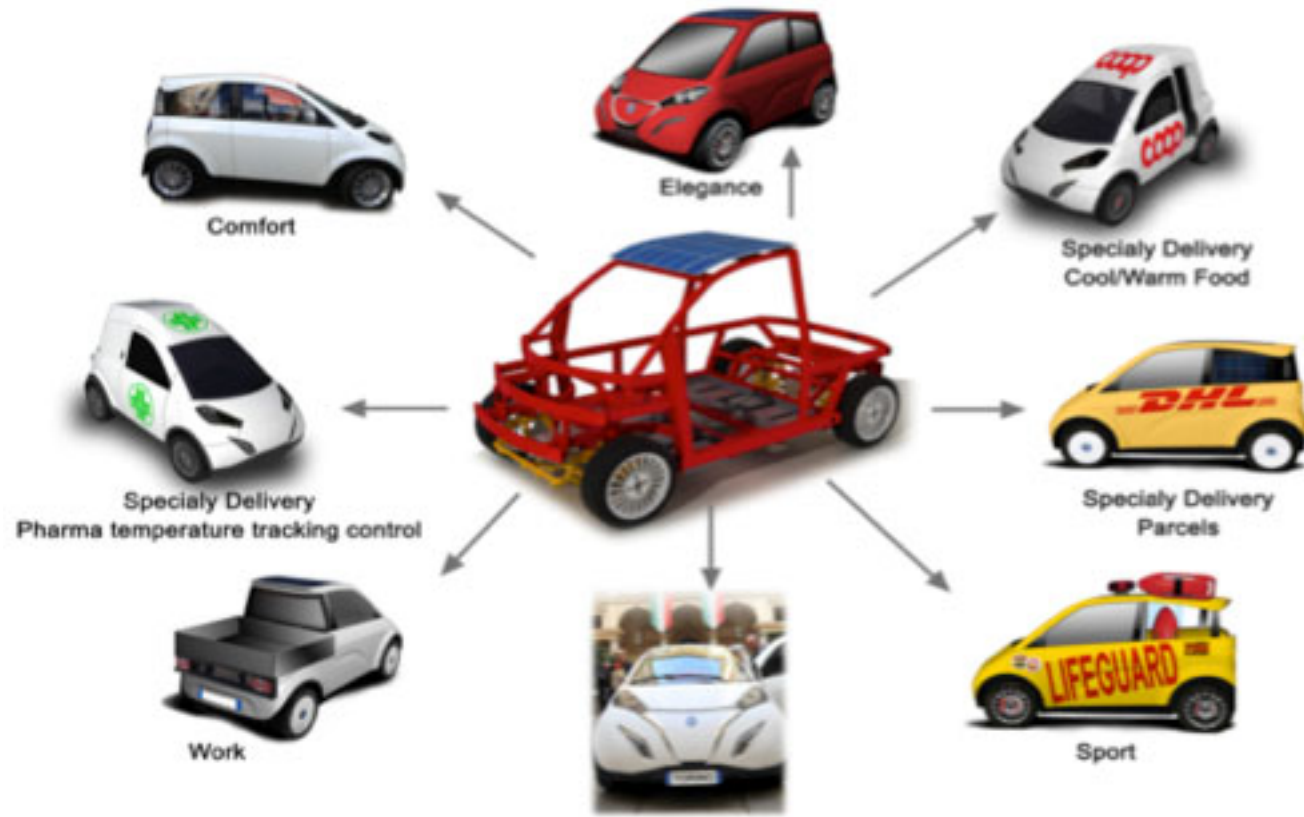
I-FEVS, Torino e-district

Example of vehicle demonstrators developed

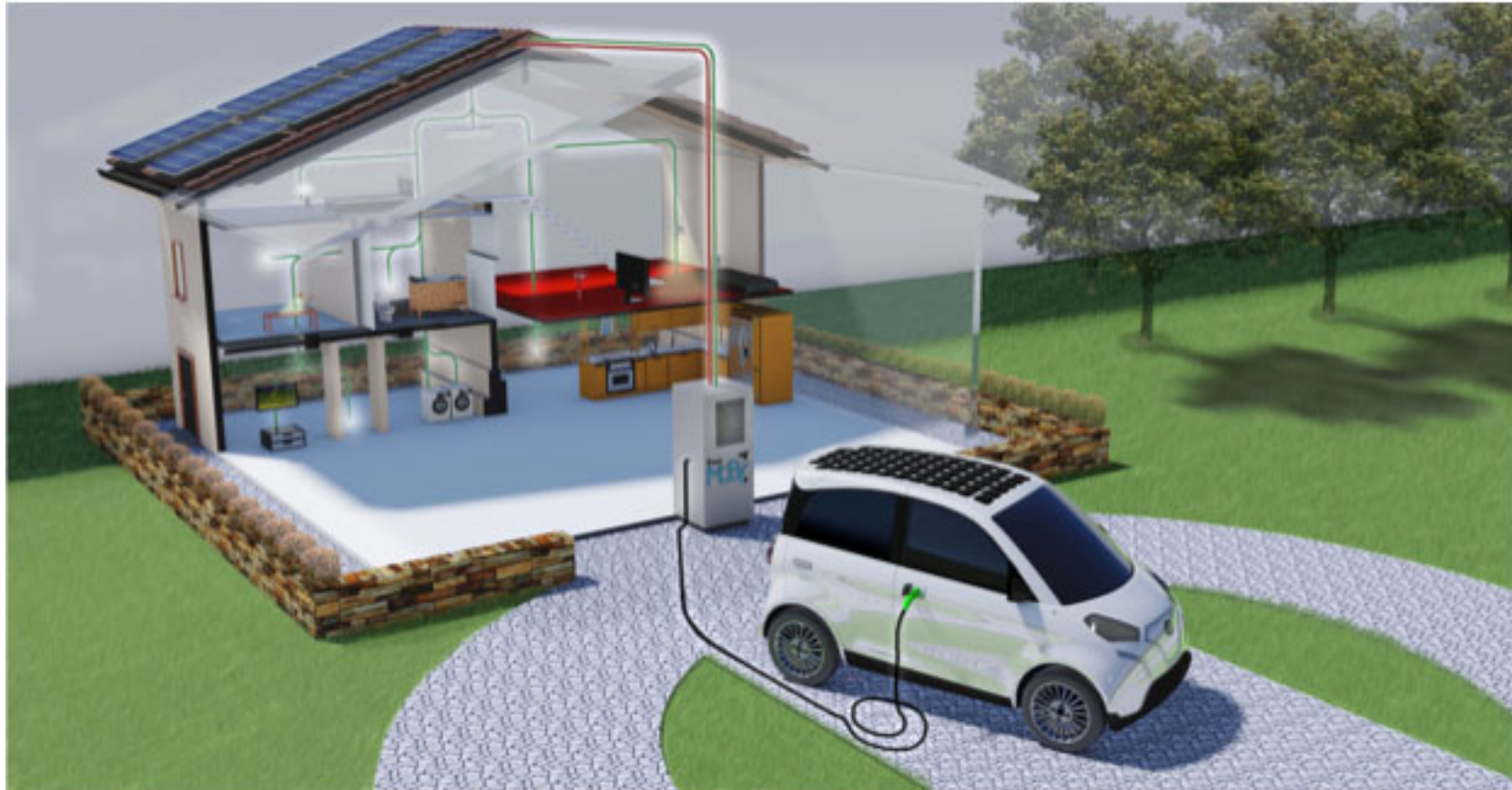




Running PERFORM Project: flexible manufacturing Addressing 50 vehicles/day



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).



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- 1) Portable Laser welder to join Plastic-Metal and Metal-Metal surfaces
- 2) From serial to parallel manufacturing: expanding the Micro Factory concept optimising the “Just in time Integrated Supply Chain”
Toward Collaborative manufacturing, logistics,