



# Fuel Cells and Hydrogen Joint Undertaking

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**INTELLIGENT ENERGY**  
*Clean fuel and power*

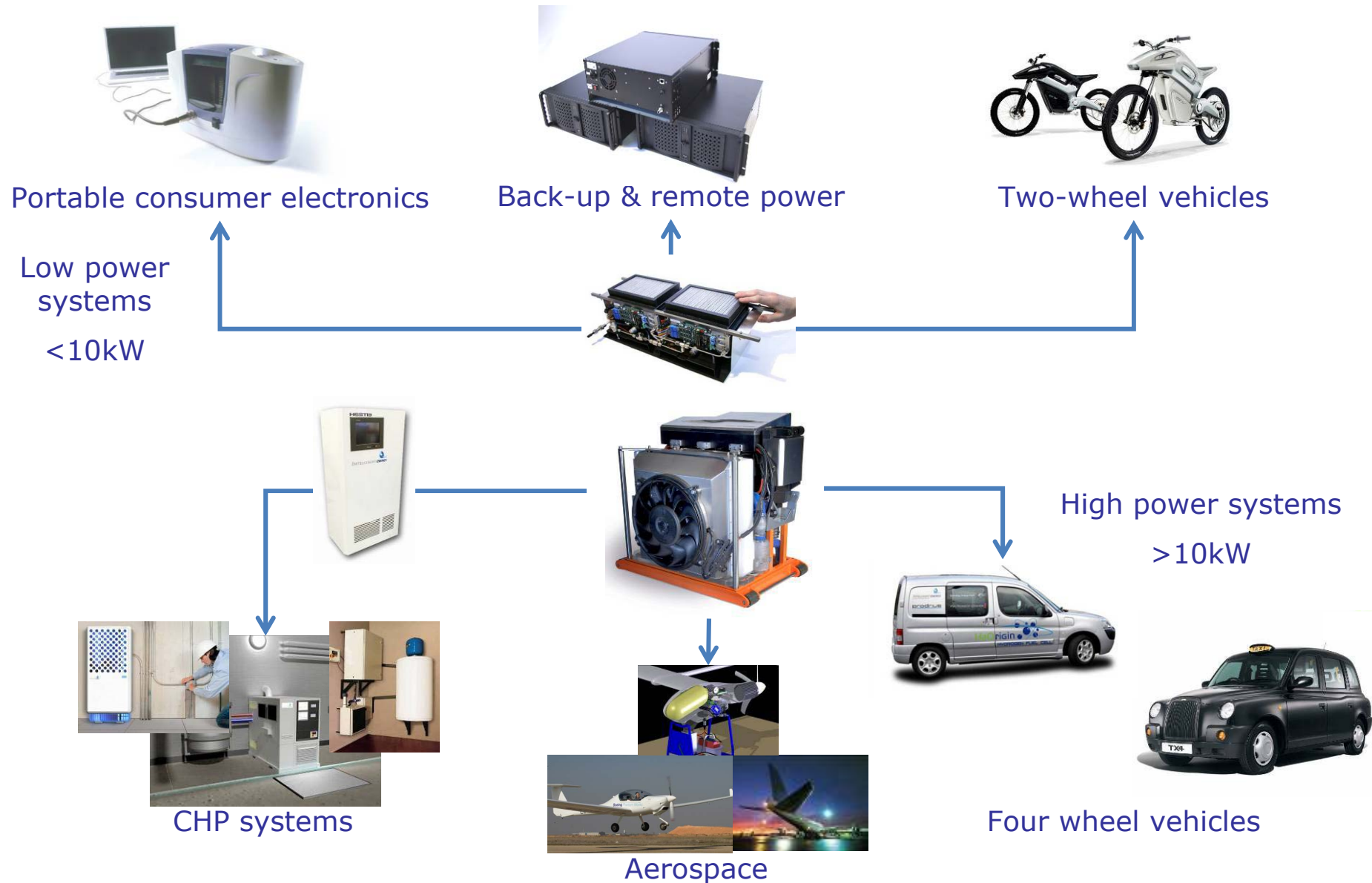
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# Core technology development working with OEMs



# Two-wheel applications



Intelligent Energy's  
ENV motorbike



Partnership with the Suzuki Motor  
Corporation Crossage and Burgman  
fuel cell bikes





# Aviation applications



More Electric Aircraft



Intelligent Energy fuel cells power world's first manned aircraft in 2008



PEM fuel cells applicability to unmanned aerial vehicles and auxiliary power units



ENvironmentally Friendly Inter City Aircraft powered by Fuel Cells



# Four-wheel applications

H<sub>2</sub>O<sub>2</sub>Origin



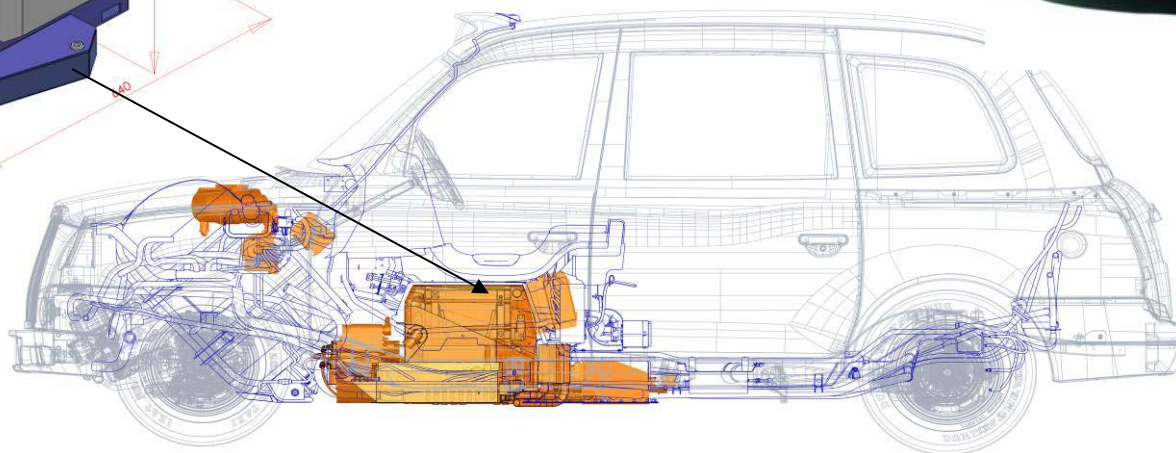
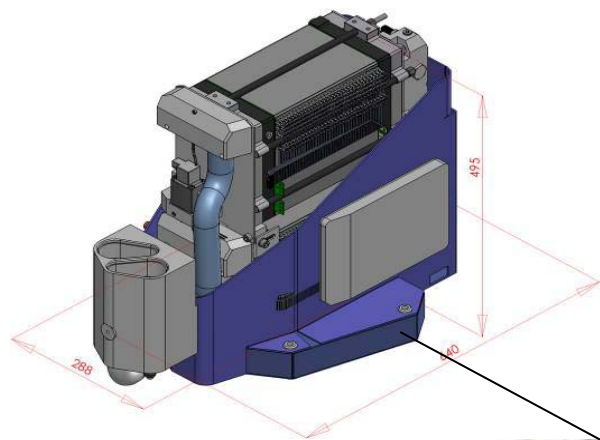
Conversion of an all electric vehicle into a FC hybrid Increasing range from 78km to 308km

PSA PEUGEOT CITROËN





# Fuel Cell Hybrid London Taxi



30kW PEM fuel cell with 13kWh  
Lithium battery, Range prediction  
>300km  
No intrusion to passenger space

