



# H2-OnAir<sup>+</sup>

nanostructure in Zoz-Tanks  
[Hydrolium®, H2Tank2Go®] and PEMFC's (Zentallium®)



## Electric Aircraft with Hydrogen Range Extender

project-no. EG 906, EUROGIA+/EUREKA

### What is new

advanced and environmentally friendly aircraft propulsion by a combination of solar cells, battery and hydrogen fuel cell;

solid state hydrogen storage as well as the physical combination with pressurized hydrogen for aviation;

fuel cell system provides electrical power for all flight phases (not only for cruise);

cost-effective, lightweight fuel cell system;

standardized connectors for all kinds of hydrogen tanks;

same tanks for aviation and ground transportation;

quick replacement of tanks rather than refueling on board (new infrastructure strategy at revolutionary logistics and operative way of refueling);

platform for later High Altitude Pseudo Satellites (HAPS) at combined Battery-Solar-FC-technology for very long term flight missions;

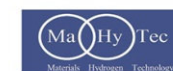


**AIRBUS**  
GROUP



eurogia<sup>+</sup>

**EADS**



**IFB**



**D 57482 Wenden · Germany**