MAHEPA Project

new generation hybrid - electric aircraft to change the future of air travel

The air traffic is expected to grow as more and more passengers choose to fly, since it is a faster, more comfortable and sometimes even cheaper mode of travelling by car or train. As expected by International Air Transport Association, 7.2 billion passengers will travel by aircraft in 2051, near doubling of the 3.8 billion air travellers in 2016. The pressure on environment is rising and frequently on European transport research agenda we find topics such as improving energy/reserve efficiency, reducing transport dependency on fossil fuels and scarce resources, introducing alternative fuels, achieving level of mitigation of climate change, pollution, noise and adverse effects in transport sector etc. The project MAHEPA, Modular Approach to Hybrid Electric Propulsion Architecture project, is addressing this environmental issues by developing and flying two new hybrid electric propulsion systems. The project MAHEPA, Modular Approach to Hybrid Electric Propulsion Architecture project, is addressing this environmental issues by developing and flying two new hybrid electric propulsion systems. The project is led by the aircraft manufacturer Pipistrel d.o.o. Ajdovščina (Slovenia), in cooperation with Compact Dynamics GmbH (Germany), Deutsches Zentrum fuer Luft- und Raumfahrt e.V. (Germany), Politecnico di Milano (Italy) and Univerza v Mariboru (Slovenia). For more information visit: www.mahepa.eu

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