

Madam/Sir,

13 February 2012

The 7th Framework Coordination and Support Actions SAT-Rdmp (Small Air Transport – Roadmap) and earlier FP6 SSA EPATS (European Personal Air Transportation System) show, that there are promising opportunities to create a new mode of transport in Europe, for travel in areas where high speed trains or traditional airline connections are unavailable. As travel in, to and from those regions will depend on car travel, the wider use of small aircraft and rotorcraft will enable environmentally friendly access to more European communities in less time and will alleviate local road congestion. Furthermore by adopting seaplanes also Mediterranean regions with long coastal lines and small islands accessibility might be increasing served. Thus, the possibilities exist for wider use of different business models of air transport operations (aircraft on-demand, up to per seat on-demand) in Europe.

This goal is in line with the goals set out in Flight Path 2050 especially “90% of travellers within Europe are able to complete their journey door-to-door within 4 hours”.

The SAT-Rdmp project has published a Common Vision on the Small Aircraft Transport System (Workshop Brussels, 28 Sept 2011) and is currently preparing a RTD road map to address the new air transport challenge and is identifying future technologies that should be addressed in Horizon 2020. Preliminary results already show that the SAT-System should be part of the European Integrated Transport System and further research and development is needed including a tool for the comparison of different transport modes and a network, fleet & reservation optimization information management system. Production and operation in large quantities, as foreseen in recent capacity and demand studies will lower the price of such small aircraft. It will make a SAT-System attractive for the passengers, as compared to travelling by car on longer distances.

The SAT-Rdmp Consortium therefore would like to propose to include three topics in the last FP7 call:

- **Level 1:** development of an innovative management system for small aircraft operators networking; including the research on European interregional mobility (region passenger flow profiles, passenger time value distribution, tool for comparison different transport mode versus safety, cost, energy efficiency and environmental impact in full life cycle); and a Small Aircraft Transport System fleet & reservation optimization and information exchange with the goal to increase small aircraft operation sustainability, decrease customer cost and support inter-modal transport",
- **CSA-CA:** the set-up of an platform for the development and implementation of a European Small Aircraft Transport pilot phase according to relevant business models with the goal to validate and analyse real life results and the development of a European SAT System. The pilot phase would allow building up a success story, to increase trust in the approach, to support public acceptance and increase political leverage,
- **CSA-SA:** the feasibility and identification of future research actions to increase all-weather 24/7 reliability, operational availability, environmental aspects, resilience and safety of small aircraft to be operated in a Small Aircraft Transport Systems.

We sincerely hope you will consider this proposal. Please do not hesitate to contact us if there are questions related to this proposal.

The point of contact is the Project Manager of SAT-Rdmp (CSA-SA) Krzysztof Piwek, e-mail: khp@ilot.edu.pl, phone: +48 22 868 56 81.

Kind regards

Krzysztof Piwek

SAT-Rdmp Project Coordinator

