

PROJECT ESTOLAS

Research and Practice conference within EU FP7



2014

10 – 11 April, Riga, Latvia,
Maritim Park Hotel



“AVIA-INVEST” INTERNATIONAL CONFERENCE

OBJECTIVES

- TO DISCUSS NEW CONCEPTS AND EMERGING TECHNOLOGIES FOR AIR TRANSPORT.
- TO EXPLORE PARTNERSHIP OPPORTUNITIES BETWEEN BUSINESS AND SCIENTIFIC-RESEARCH COMMUNITIES FROM EU AND RUSSIA FOR IMPLEMENTATION OF RESEARCH AND INNOVATION PROJECTS WITHIN EU PROGRAMME HORIZON 2020

WWW.ESTOLAS.EU

ORGANIZER:



PARTNER:



SUPPORT:



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ESTOLAS PROJECT GOALS

The EU-funded ESTOLAS (Extremely Short Take Off and Landing on Any Surface) project aims to create an aircraft combining the best features of an airship, a plane, a helicopter and a hovercraft. The ESTOLAS hybrid aircraft would be able to carry much heavier payloads than a helicopter and to use much smaller airports and runways than a conventional plane, or even to land and take off from water.

ESTOLAS PROJECT CONCEPT

ESTOLAS project strives to reduce those economic and environmental costs, as well as make air travel more efficient, more cost-effective, and more sustainable. In one of the most radical re-thinkings in aviation history, ESTOLAS project team is focusing on combining the best features of an aeroplane, a helicopter, an airship and a hovercraft into a single hybrid aircraft.

Shorter and squatter in shape than a conventional aeroplane the ESTOLAS hybrid vehicle looks as revolutionary as it sounds. It still has wings, but instead of the long, thin body of a plane it has a disc-shaped main section. In addition to propeller engines, it also has a lifting rotor like a helicopter. Like an airship, it can use helium to provide additional lifting power, and like a hovercraft it has air-cushioned combined wheel-ski landing gear that allows take off and landing from any terrain.

PUBLICATION OF MANUSCRIPTS

We highly invite you to submit manuscripts for the 2nd volume of Scientific Journal "Transport and Aerospace Engineering", published by Institute of Aeronautics, Riga Technical University. 8-10 best manuscripts will be published. The Journal is cited in databases, such as EBSCO, ProQuest, VINITI. For manuscript submission requirements contact Institute of Aeronautics via e-mail aerti@rtu.lv or by phone +371 67089990, +371 67089895 or by fax +371 67089968. Manuscript submission deadline is May 15, 2014.

TIME AND PLACE OF THE EVENT

April 10–11, 2014, Maritim Park Hotel Riga, Riga, Latvia

DRAFT PROGRAMME

10TH APRIL, 2014

12:00–15:00 Registration. Address: Maritim Park Hotel, 1 Slokas Str., LV-1048, Riga, Latvia

15:00–18:00 Visits to local enterprises and institutions: Aviatest, airBaltic Training**, Institute of Aeronautics

19:00–20:00 Welcome Drink. Presentation European Aerospace Cluster Partnership (EACP)

11TH APRIL, 2014

09:00–10:00 Registration. Welcome cafe

10:00–14:00 Plenary session: The current state of the aviation industry and cooperation within a framework of the EU program „Flightpath 2050 — Europe’s Vision for Aviation“

14:00–15:00 Lunch

15:00–18:00 Workshops

Workshop:

Scientific and technical development of aviation industry: new types of air vehicles

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19.00–21.00 Gala dinner

LANGUAGES

Official conference languages are Latvian, English and Russian.

Simultaneous interpretation is provided

REGISTRATION

To attend the conference it is necessary to register:

- online <http://www.rmsforum.lv/en/>, AVIA-INVEST 2014
- by fax +371 6 733 43 50

Registration is free of charge