

Project no: ASA6-CT-2006-044549

Project acronym: EPATS

Project title: European Personal Air Transportation System STUDY

Instrument: Specific Support Action

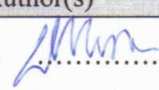
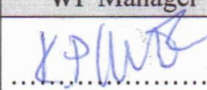
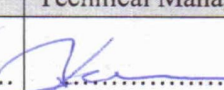
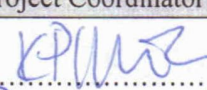
Thematic Priority: Integrating and Strengthening the European Research Area

Deliverable reference number and title:

## **D6.3 – EPATS Website and flimsy**

Organization name of lead contractor for this deliverable: **Institute of Aviation (IoA)**

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Project coordinator name: <b>Krzysztof PIWEK</b>	Start date of project: Jan 1, 2007
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Dissemination		
<b>PU</b>	Public	<b>X</b>
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b>	Confidential, only for members of the consortium (including the Commission Services)	

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## **1. INTRODUCTION**

**The EPATS (European Personal Air Transportation System)** focuses on the future Highly Customer Oriented, Time and Cost Efficient Air Transport System. It fills a niche between Surface and Scheduled Air Transport. Future mobility cannot be satisfied only through investments in hub and spoke, or rail - and highway systems.

The EPATS study has come up with promising conclusions:

- Europe is an area with unique features favoring development of regional passenger air transportation system.
- Europe needs a new, supplementary mode of transport.
- Better EPATS statistics and forecasts are needed.
- Transferred traffic to personal air transport in 2020: 3% of the total European traffic.
- Turbo-props and Pistons are the most suitable from the point of view of affordability.
- Maximum production rate is 5300 airplanes / year.
- EPATS implementation needs investigations and investments.
- Studies results clearly show, that comparing the social benefits resulting from
- EPATS implementation and the cost involved for its realization, the benefits outbalance the required contribution.

## **2. REPORT OBJECTIVES**

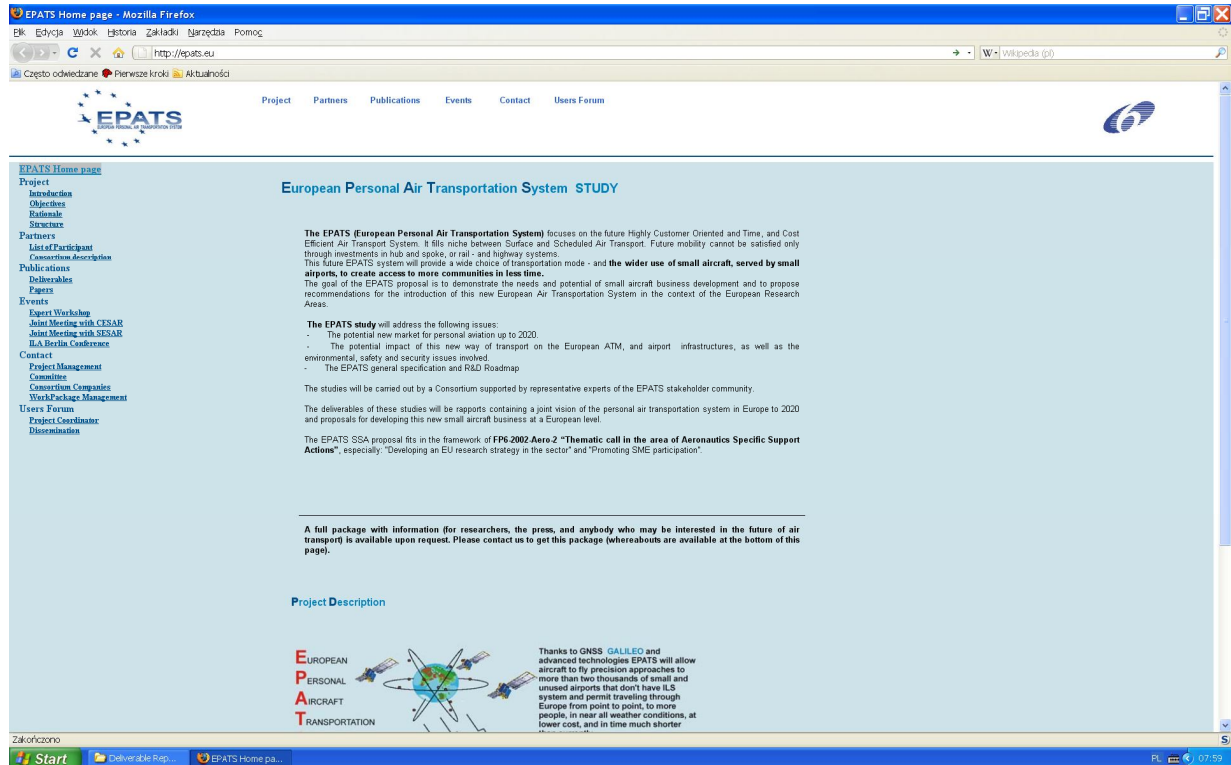
**The SSA EPATS STUDY project** consist of 6 Work Packages, and 19 deliverables. Some deliverables consist of “sub-deliverables”.

This Report relate to Deliverable D6.3"EPATS Website and flimsy”

The objective of the website is to disseminate the EPATS concept and study's results to Personal Aviation Community.

### 3. WEBSITE CONTENTS

The website address is <http://epats.eu>.



Main website sections are listed below.

#### 3.1. Project overview

This section of the website gives the general idea of the project:

- The objectives of the study
- Rationale for the EPATS concept
- Structure of the study presenting division into workpackages and investigated issues.

#### 3.2. Partners

The “Partners” section contains list of participants and description of the EPATS consortium presenting funds, activities and role in the project of each contractor.

### 3.3. Publications

The “Publications” section contains deliverable reports and EPATS papers available for download.

EPATS Deliverables		
Del. No	Deliverable name	Author(s)
D1.1	<a href="#">Report on European Business &amp; Personal Aviation Data Base and findings</a>	Alfred Baron (IoA)
D2.1	<a href="#">Potential transfer of passenger demand to personal aviation by 2020 and needs of further R&amp;D works</a>	Isabelle Laplace (M3S) Clélia Chertier (M3S) Alfred Baron (IoA) Maciej Mączka (IoA)
D3.1	<a href="#">EPAS ATM general requirements &amp; related issues to be solved</a>	Marc Brochard (EEC)
D3.2	<a href="#">EPATS airports general requirements, safety and environmental aspects &amp; related issues to be solved</a>	Frans J. van Shaik (NLR) R.H. Hogenhuis (NLR) R. Wever (NLR)
D4.1	<a href="#">EPATS aircraft missions specification</a>	Włodzimierz Gnarowski (IoA) Wojciech Zdrojewski (IoA) Michał Pokorski (IoA)
D4.2	<a href="#">Operating Cost Analysis Report</a>	Włodzimierz Gnarowski (IoA) Wojciech Zdrojewski (IoA) Michał Pokorski (IoA)
D4.3	<a href="#">Fuel consumption and transportation energy effectiveness report</a>	Andrzej Majka (RzUoT) Vladimir Brusov (RzUoT) Zbigniew Klepacki (RzUoT)
D5.2	<a href="#">EPATS Roadmap</a>	Krzysztof Piwek (IoA) Alfred Baron (IoA)
D5.5	<a href="#">Second Meeting with SESAR</a>	Krzysztof Piwek (IoA)
D5.6	<a href="#">Berlin Air Show Conference</a>	Adriaan de Graaff (Ad Cuenta) Wojciech Miksa (IoA) Bartosz Dziugiel (IoA)
D6.3	<a href="#">EPATS website and flimsy</a>	Wojciech Miksa (IoA)

Deliverables list available for download include documents agreed to be published under terms of contract ASA6-CT-2006-0044549-EPATS and at a request of its authors.

### EPATS Papers

1.	<a href="#">CESAR-EPATS Synergy</a>
2.	<a href="#">Comments to SESAR definition phase (deliverables D1, D2, D3) from EPATS project perspective</a>
3.	<a href="#">EGAMA and EPATS</a>
4.	<a href="#">EPATS brochure</a>
5.	<a href="#">EPATS project synopsis</a>
6.	<a href="#">EPATS rationale</a>
7.	<a href="#">EPATS vision 2020 and aircraft mission requirements</a>
8.	<a href="#">Evaluation of air transport efficiency definitions and their impact on EPATS development</a>
9.	<a href="#">Interactive Transport Network proposal</a>
10.	<a href="#">Interactive Transport Network study</a>
11.	<a href="#">Mobility is essential for Europe</a>
12.	<a href="#">SSA EPATS project summary</a>
13.	<a href="#">T5.3 Small aircraft requirements and potential demand</a>
14.	<a href="#">The Challenge of Mobility in Europe</a>
15.	<a href="#">The demand for personal air transport in Europe</a>

### 3.4. Events

The “Events” sections contains reports from meetings with other EU project representatives: SESAR and CESAR as well as a report from the ILA Air Show Conference.

**SESAR** (the Single European Sky ATM Research Programme) study investigates Air Transport Management issues. Practical realization of EPATS concept would greatly impact European ATM system, which generated the need for a meeting.

**CESAR** (Cost-Effective Small AiRcraft) project objective is “to build up a new development concept for this aircraft category and to improve selected technologies enabling a significant reduction of the time-to-market and lowering the overall development, operation and maintenance costs, while considering safety, passenger comfort and environmental impact.” (source: <http://www.cesar-project.eu>). CESAR project results, such as future aircraft operation and maintenance cost, safety, passenger comfort and environmental impact are of great importance to the EPATS study, while future mode of operation is of importance to the CESAR study.

**ILA Berlin 2008 EPATS Conference.** The objective of this Conference was to summarize findings of EPATS – STUDY Project and disseminate them to Personal Aviation Community. In this section can find all presentations an papers delivered in the Conference.

### 3.5. Contact

The “Contact” section contains Project Management Committee (PMC) and Workpackage Management overview, as well as contact data to its members. Consortium member companies contact data is also present.

### 3.6. User Forum

“User forum” contains:

- Information on Project Coordinator
- EPATS study dissemination plan execution

Dissemination			
No.	Activity	Deliverable report	Date
1.	Expert seminar	D2.2 EPATS Expert Workshop Report	19 <sup>th</sup> April 2007
2.	<a href="#">Joint meeting with SESAR</a>	D5.3 Joint meeting with SESAR	14 <sup>th</sup> December 2007
3.	<a href="#">Joint meeting with CESAR</a>	D5.4 Joint meeting with CESAR	11 <sup>th</sup> September 2007
4.	<a href="#">Workshop</a>	D5.5 Workshop with SESAR JU (second)	24 <sup>th</sup> June 2008
5.	<a href="#">Berlin Air Show 2008</a>	D5.6 ILA Air Show Conference	28 <sup>th</sup> May 2008
6.	<a href="#">EPATS Presentation</a>	-	-
7.	<a href="#">Publications</a> <a href="#">Website</a>	D6.3 EPATS Website and Flimsy	May 2008

***Document Change Log:***

Version	Author /Organisation	Date of Release	Description of the release	Modifications (sections affected and relevant information)
0	K.Piwek/IoA	30 IX 08	EPATS Website and flimsy	New document

***Document Distribution List:***

Number	Company	Company's short name	Company's Country	Name of the Company's Project Manager	Marking
1	Instytut Lotnictwa	IoA	Poland	Piwek	X
2	EUROCONTROL	EEC	France	Brochard	X
3	M3 SYSTEMS	M3S	France	Laplace	X
4	Stichting Nationaal Lucht-en Ruimtevaartlaboratorium	NLR	The Netherlands	Schaik	X
5	Polskie Zakłady Lotnicze Sp z o.o.	PZL M	Poland	Pietruszka	X
6	Politechnika Rzeszowska	RzUoT	Poland	Brusov	X
7	WSK "PZL-RZESZÓW"	PZL Rz	Poland	Gnot	X
8	Budapest University of Technology and Economics	BUTE	Hungary	Rohacs	X
9	Windrose Air Jetcharter GmbH	WINDROSE	Germany	Walkowiak	X
10	AD CUENTA B.V.	AD CUENTA	The Netherlands	Graaff	X
11	EUROPEAN COMMISSION	EC RD	Europe	Stoltz	X