Accelerating EGNOS LPV Implementation in Europe

Javier Murcia
Luis Chocano

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Paris, 26th May 2011
Summary

- EGNOS SoL Service for aviation
- ACCEPTA project general overview
  - Project Objectives
  - Project Workflow
  - Consortium
  - Work Breakdown Structure
  - LPV procedures within ACCEPTA
- ACCEPTA User Forum / Info Day
  - Funding available to join to the consortium
  - Accession Process
    - Guidelines for applicants

“ACCelerating EGNOS AdoPTion in Aviation”
http://accepta.ineco.es
EGNOS SoL Service

- EGNOS Safety-of-Life Service available as of 2\textsuperscript{nd} of March 2011

- To publish LPV procedures
- To equip aircraft with EGNOS avionics
• The purpose of ACCEPTA is:
  – To accelerate development, certification and marketing of EGNOS enabled **avionics**.
  – To promote the development and publication of EGNOS LPV **approach procedures**.

• Promote adoption of EGNOS LPV approaches and avionics by **commercial airlines, general aviation and end users**
  – Marketing activities, technical assistance, training, cost-benefit analyses, etc.
Project Objectives

• **Airlines and end-users** using EGNOS for their daily operations
  – Installation, certification and operational approval of EGNOS enabled **avionics** to perform LPV approaches at selected aircraft
  – **Airlines, aircraft operators and Users to propose which runways at European airports are of their interest**

• **ANSPs and airports** with LPV approach procedures
  – Design, development, checking, verification and publication of EGNOS LPV **approach procedures** at selected European airports

• To develop customized **business cases** for the partner airlines and end users analyzing real-life **cost and benefits** of EGNOS use.

• Promote the adoption of EGNOS in **Aviation** by the **dissemination and awareness** of the results and benefits
Project Workflow

Phase 1

WP 1
- To select pioneer airports for LPV approaches
- To perform airline CBA & Business Cases

Phase 2

WP 2
- To equip aircraft with LPV capability

WP 3
- To publish LPV procedures in Europe

WP 4
- To disseminate results
- To support GSA FP7 coordination & workshops
Consortium

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Plus … New partners
Overall Logic

WP 0: Project Management

WP 1
Benefits assessments & Business Cases
- WP 1.1 European airports/fleets selection assessment
- WP 1.2 Airline Cost Benefit Analyses (CBAs) & Business Cases
  - Feasibility
  - Confirmation of business & Cost Benefit Perspective

WP 2
EGNOS Pioneer Airlines and End Users
- LPV procedures published in Europe
- WP 2.1 Airline 1
- WP 2.2 Airline 2
- WP 2.3 Airline 3
- WP 2.n Airline n

WP 3
EGNOS Pioneer ANSPs and Airports
- LPV equipped aircraft
- WP 3.1 Spain
- WP 3.2 France
- WP 3.3 Switzerland
- WP 3.4 United Kingdom
- WP 3.n ANSP n

WP 4: Dissemination and support to GSA FP7 coordination

Phase 1 Phase 2

Wide scale adoption of EGNOS in aviation in Europe

ACCEPTA Project – ICAO EUR APV Workshop

Paris, 26th May 2011
LPV procedures within ACCEPTA

- **Aena**
  - Santander (RWY 11/29)
  - San Sebastian (RWY 04)

- **DSNA**
  - Cannes (RWY 35)
  - Montpellier (RWY 13L)
  - Toulouse (RWY 32L)

- **skyguide**
  - Les Eplatures (RWY 24)
  - Altenrhein (RWY 10)

- **NATS**
  - Barra, Benbecula and Campbeltown
Project Cost & Funding

• Total project cost: 4,544,346 €

Maximum GSA financial contribution
• Total requested funding: 2,508,928 €
  – Allocated budget: 942,590 €
  – Uncommitted budget: 1,566,338 €
  • Funding available for new partners within the Project
    – To be distributed after ACCEPTA User Forum.
  • Accession process through Competitive Call
• ACCEPTA User Forum / Info Day
  – Date: 30th of June 2011
  – Venue: Auditorium Palma de Mallorca (Spain), Mozart Room
  – Objectives:
    • Presentation of EGNOS LPV activities and benefits
    • Explanation of Competitive Call process and guideline
  – Call for Participation to the UF/ID already distributed
  – If you want to be included in our contact list:
    ↪ send an email to: Accepta@ineco.es
  – Registration form is available on the ACCEPTA website
    • http://accepta.ineco.es
    • Public part: Click on User Forum section
Accession Process

• Competitive Call
  – Publication of calls:
    • International and national journals
    • Internet sites on the FP7
    • Instructions and guidance
  – To be presented at the ACCEPTA UF/Info Day
  – Call will remain open for more than 5 weeks

• Selection process
  – Experts evaluation
  – Proposals negotiation, if necessary
  – Final selection and evaluation report submission to GSA
  – Approval by GSA

• Administrative process to join the Consortium
# Accession Process: Guide for Applicants

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<thead>
<tr>
<th>Milestones</th>
<th>Dates</th>
<th>Comment</th>
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<tbody>
<tr>
<td>Publication of Competitive Call</td>
<td>Mid June 2011</td>
<td>The Call will contain detailed guidance on how to build and submit the proposals as well as the necessary documentation to be filled in. Templates will be also procured for an easier elaboration of the proposals.</td>
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<tr>
<td>User Forum / Info Day</td>
<td>30 June 2011</td>
<td>Attendance to this event is highly recommended for interested applicants. The consortium will provide guidelines and respond to questions.</td>
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<tr>
<td>Submission of proposals</td>
<td>Jun – Aug 2011</td>
<td>The call will remain open for several weeks. Applicants must submit their proposals to ACCEPTA Secretary: Ineco (<a href="mailto:accepta@ineco.es">accepta@ineco.es</a>)</td>
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<tr>
<td>Evaluation and negotiation</td>
<td>September 2011</td>
<td>Proposals will be evaluated by the GSA, ACCEPTA Management Board and two expert advisors.</td>
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<td>Partners accession to the project</td>
<td>October 2011</td>
<td>Selected candidates will join the project consortium. Accession to the Consortium and Grant Agreements will be required.</td>
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<tr>
<td>Pre-funding release</td>
<td>Upon completion of documentation</td>
<td>70% of the agreed funding will be released to the new partner upon completion of necessary documentation.</td>
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Thank you very much for your attention!
Questions?

http://accepta.ineco.es

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Assisted by: