



# SIRÂJ

## SBAS Implementation in the Regions of ACAC and ASECNA

FP7-GALILEO-2008-4.3.1 / FP7-GALILEO-2008-4.3.4



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# Project

EU 7 Framework Programme

International Activities and EGNOS Service Extension

## Objective:

To evaluate the opportunities for EGNOS service extension to the areas covered by the **ACAC** and **ASECNA**, in the **Civil Aviation** domain

## ACAC (Arab Civil Aviation Commission) countries:

*Algeria, Egypt, Jordan, Lebanon, Libya, Morocco, Palestine, Syria, Tunisia, Comoros, Mauritania, Somalia, Sudan, Djibouti, Bahrain, Iraq, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates, Yemen*

## ASECNA (Agence pour la Sécurité de la Navigation aérienne en Afrique et à Madagascar countries) countries:

*Benin, Burkina, Cameroon, Central Africa, Comoros, Congo, Ivory Coast, Gabon, Guinea Bissau, Guinea Equatorial, Madagascar, Mali, Mauritania, Niger, Senegal, Chad, Togo*

# Team

## EU partners



## ACAC and ASECNA partners





# Activities

**Implementation of concrete actions in support to the EGNOS service extension in the target countries:**

**Elaboration of GNSS Implementation Plans**

**Analysis of service enablers**

**Service demonstrations and EGNOS benefits proof of concepts**

**Drafting an action plan for the EGNOS service extension (BLUE BOOK)**

**Promotion of EGNOS through workshops and trainings**



# Workplan

**18 month duration, starting from May 2010 (tentatively)**

**3 main sequential phases:**

**1. Analysis** - assessment of state-of-play

**2. Development**

Elaboration of GNSS Implementation Plans

Analysis of service enablers

Service demonstrations and EGNOS benefits proof of concepts

**3. Conclusion** - BLUE BOOK drafting

**Promotion in parallel**

# Focus on: GNSS Implementation Plans (1/2)



**Development of National plans for EGNOS services introduction:**

**Civil Aviation**

**8 countries**

**8 years (2011 – 2019) in coherence with the METIS GNSS Regional Plan**

**Selected countries:**

Gabon, Ivory Coast, Mauritania, Libya, Morocco, Saudi Arabia, United Arab Emirates, Sudan or Senegal (to be decided)

# Focus on: GNSS Implementation Plans (2/2)



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TOWARDS EGNOS COVERAGE EXTENSION  
لِوَالْمَرادِ 2 EGNOS COVERAGE EXTENSION

<b>Diagnosis</b>	Analysis of GNSS user and service needs	<i>Questionnaires and interviews to countries' stakeholders</i>
<b>Classification</b>	Service and EGNOS opportunities ranking	<i>Project workshop</i>
<b>Prioritization</b>	Priorities selection	<i>Project workshop</i>
<b>Economical feasibility and plans</b>	CBA EGNOS National Plans	<i>Questionnaires and interviews and project workshop</i>

**Stakeholders' involvement**





# Next steps

**Civil Aviation: a priority market for EGNOS**

**Stakeholders' involvement decisive for:**

Preparation of the market (from the institutional and commercial viewpoints)

Properly driving the EGNOS service extension/infrastructure deployment and timing

**Common benefits deriving from a EU-ACAC-ASECNA cooperation strategy**



# Thank you !

**Antonella Di Fazio**

[antonella.difazio@telespazio.com](mailto:antonella.difazio@telespazio.com)

[www.telespazio.com](http://www.telespazio.com)