



EuroMed GNSS I project overview

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Introduction

- ***Action Plan of 5th Euro-Mediterranean Conference of Ministers for Foreign Affairs has satellite radio-navigation, maritime transport and air transport as priority components***
- ***26th October 2004 signing of contract between European Commission (EC) DG-AIDCO and Galileo Joint Undertaking (GJU) for the implementation of Euro-Mediterranean Satellite Navigation (GNSS) Project (EuroMed GNSS I)***
- ***EuroMed GNSS I will pave the way for the involvement of the MEDA Partners in EGNOS and Galileo activities***



Objectives

- Raise awareness of local decision makers, service providers and product manufacturers on the potential of EGNOS and GALILEO for the Mediterranean region;*
- Establish elements for a Mediterranean GNSS policy in order to encourage a common approach to radio navigation, positioning and timing means across all potential sectors of utilisation;*
- Identify the benefits of EGNOS and GALILEO vis-à-vis the specific needs of the region;*



Objectives

- ***Increase safety of related operations in the Mediterranean region;***
- ***Enhance performance and promoting integration of Euro-Mediterranean navigation systems in various modes;***
- ***Promote interoperability of navigation, positioning and timing systems in adjacent regions;***
- ***Foster the emergence of national MEDA projects regarding the development of GALILEO services, initially through EGNOS***



Activities Overview

- ***Activity A – GNSS Regional Plan***
 - *Production of a GNSS service implementation roadmap identifying the necessary enablers and sequence of steps for the progressive introduction of GNSS services in the Meda region over the next 5-10 years*
- ***Activity B – Training and Awareness***
 - *Implementation of training and awareness related activities in the region in order to gather inputs and establish contacts for Activity A and promote the objectives of the project*
- ***Activity C – GNSS Service Demonstration***
 - *Detailed definition and implementation of a proposed set of demonstrations to show the potential for the development of GNSS applications and services in the region*
- ***Activity D – GNSS Signal in Space Provision***
 - *Development and deployment of the necessary enabling components to ensure the GNSS Signal in Space provision (based on EGNOS) for the training and demonstration tasks and helping to identify enablers and obstacles to develop an action roadmap for the Regional Plan*



Project management and implementation

European Commission
(DG AIDCO)



Galileo Joint Undertaking



METIS

The GJU launched a tendering process
(50% budget to MEDA partners)

GJU selected the METIS proposal.

56 representatives from 10 MEDA countries
and 5 EU countries. Covers 3 activities:

- GNSS Regional Plan
- Training and Awareness
- GNSS Service Demonstration

ESA

The GJU signed a bilateral agreement with
ESA to cover two activities:

- Training and Awareness
- GNSS Signal in Space Provision



Project costs breakdown

<i>Activity</i>	<i>METIS (EUR)</i>	<i>ESA (EUR)</i>	<i>Total (EUR)</i>
<i>Activity A - GNSS Regional Plan</i>	<i>300,000</i>		<i>300,000</i>
<i>Activity B - Training and Awareness</i>	<i>200,000</i>	<i>200,000</i>	<i>400,000</i>
<i>Activity C – GNSS Service Demonstration</i>	<i>2,000,000</i>		<i>2,000,000</i>
<i>Activity D – GNSS Signal in Space Provision</i>		<i>1,800,000</i>	<i>1,800,000</i>
<i>Total</i>	<i>2,500,000</i>	<i>2,000,000</i>	<i>4,500,000</i>