

# MEDUSA in action for aviation

## *Pathways to introduce EGNOS operations in North Africa and Middle East*

**Brussels, April 2015**

From 16 to 27 March 2015, a regional advanced training course on the design of Required Navigation Performance Approach Instrument Flight Procedures (RNP APCH IFP) was held in Rabat (Morocco).

Organized by MEDUSA and hosted by the Morocco Civil Aviation Authority (Directorate of Civil Aviation), the course was taught by qualified IFP design instructors from ENAV, the Italian Navigation Service Provider.

The course was focused on IFP down to LNAV, LP, LNAV/VNAV and LPV\* minima, and consisted of theoretical sessions and practical exercises.

The participants were from Morocco (the Civil Aviation Authority, ONDA - the Air Navigation Service Provider and the Air Force of Morocco) and from Algeria (ENNA - the Air Navigation Service Provider). During the course, they had the opportunity to share experiences with the instructors and among them.

The training material of the course is available to all Euromed countries and it can be delivered to whoever requests it by contacting MEDUSA at [gemco.medusa@outlook.com](mailto:gemco.medusa@outlook.com).

Recently, the team of MEDUSA composed by Telespazio, ENAV and Helios has assisted the Lebanese Civil Aviation Authority in designing GNSS (including also SBAS) based procedures and in elaborating relevant safety guidelines for the airport of Beirut (Lebanon).

These initiatives are two of the technical assistance actions undertaken by MEDUSA to introduce EGNOS operations in aviation in North Africa and Middle East countries\*\* belonging to the Euromed area.

Through them, MEDUSA develops enablers, supports capacity building and stimulates regional cooperation. The obtained results are useful also for countries of other non-European regions.

\* Lateral Navigation, Localizer Performance, Lateral Navigation/Vertical Navigation, Localizer Performance with Vertical guidance

\*\* Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Syria, Tunisia

### *MEDUSA - MEDiterranean follow-Up for EGNOS Adoption*

*Coordinated by Telespazio, the MEDUSA project belongs to the Euromed GNSS framework, part of the Euromed Transport programme. MEDUSA aids the Euromed countries towards the operational introduction and the exploitation of the European GNSS (EGNOS/Galileo) in various applications, mainly in the transport sectors. MEDUSA implements a programme of technical assistance actions in the Euromed countries, aimed at capacity building, development of enablers and regional cooperation on EGNOS/Galileo.*

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