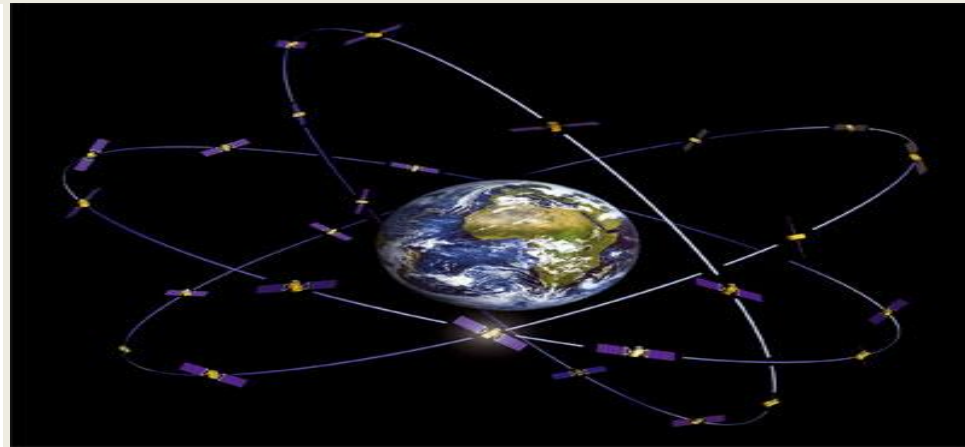


# Middle East Regional GNSS Cooperation Updates



Building EGNSS capacity On EU & Neighbouring multimodal Domains

2015-2017



# 1- The completion of the EU Beyond Project

- ***BEYOND** is a subproject of the Comprehensive **EU** project **Horizon 2020***
- *The overall project concept consists of building capacity and promote the development in the field of multimodal applications, especially focused on aviation using EGNSS (EGNOS and Galileo) in different Eastern European and Mediterranean countries, located at boundaries of the EGNOS SoL coverage area.*

- The purpose of the project is stimulating investments in relation to EGNSS outside EU and support networking with its boarder countries creating the basis for future business opportunities.

The project aims to acquire the capabilities for:

- Facilitating and promoting a wider use of E-GNSS
- Fostering the exchange of ideas on EGNSS , services and applications

- Creating a network of individuals, institutions, and communities involved and interested in EGNSS products and services.
- Generating favorable condition for cross-fertilization between the private and public sectors in the sub-regions.
- Opening the way for market opportunities between EU industry involved in EGNSS and relevant players in the target countries;
- The partners of the project were from, France , Spain Italy, Montenegro, Hungary, Kosovo, Turkey, Egypt, Israel and Morocco



# MEDA Project

- In 2009 there were Agreements between EU and four Mediterranean countries, Tunis, Egypt Israel and Turkey to build EGNOS RIMS stations.
- Two of these stations are built in Egypt , in Alexandria and Abou-Simble, to extend the coverage of EGNOS southward.
- RIMS are intended for augment for GPS and Galileo.



## 2- China Opens the First Overseas Center for BeiDou Navigation Satellite System in Tunisia



- The Chinese first center has been set up outside China for Beidou Navigation Satellite System, opened in Tunis last April, the move intended to gear up the expansion of
- Beidou-based services in the region.

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- There were regular contacts since 2014 between China and Arab nations such as Saudi Arabia, Egypt, Tunisia and Algeria, to discuss the promotion, training, joint research and development of the use of Beidou.
- The Next Chinese BeiDou Center of Excellence is scheduled to be opened in Oct. 2018 in, Egypt,

# Other Cooperation's

- 1 UNOOSA (ICG) \_ Morocco to establish the regional GNSS training center.
- 2 The bilateral co-operation between USA and UAI.
- 3 The last two visits by representatives from the National Coordination Office for Space Based PNT to Egypt, were 2008 and 2010, by Michel Show and Roy Clore.

Thank You