



International activities

“Growing Galileo 2010 – September 22nd 2010– Brussels”

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Cooperation with 3rd countries

Motivation for international cooperation with 3rd countries:

- Industrial & technological cooperation
- Cooperation in research & education
- Building awareness on the Galileo/EGNOS programmes
- Ground stations
- Promotion of international relations & economic development

European Commission strategy

7 points strategy

1. Access global GNSS-related resources & set worldwide standards
2. Ensure security of the space segment & ground network of the systems
3. Ensure acquisition of required space technologies worldwide
4. Jointly develop innovative applications & space technologies
5. Develop specialized applications of supra-regional interest
6. Enhance the global business environment, worldwide, for the European GNSS technologies & application industries
7. Discuss the developments of Galileo globally

Galileo International Activities

★ Agreements with:

Norway, P.R. of China,
USA, Israel, South Korea,
Ukraine, Morocco

★ Mandate with Russia,
India, Japan

★ Multilateral:

Founding member of UN
International Committee on
GNSS & Providers Forum,
host of ICG in 2010

★ Cooperation *inter alia* on:

- ★ Compatibility
- ★ Interoperability
- ★ Standardisation
- ★ Development activities
- ★ Galileo applications
- ★ Research
- ★ Trade matters

★ Regional training centers:

- ★ Asia (ASEAN), Africa,
Latin America

Implementation of call 3

- Call title: FP7-GALILEO-2011-GSA-1
- Call identifier: FP7-GALILEO-2011-GSA-1
- Date of publication: 20 July 2010
- Deadline: 16 December 2010 (17:00)
- Indicative budget: EUR 30.5 million

Call 3 for Galileo FP7-GALILEO-2011-GSA-1



- Activity 7.4.1: Exploiting the full potential
- Activity 7.4.2: *Providing the tools and creating the appropriate environment*
- Activity 7.4.3: Adapting receivers to requirements and upgrading core technologies
- Activity 7.4.4: Supporting infrastructure evolution

(elements in red are closed in the call 3)

FP7 2011 Call 3 for Galileo – 7.4.4.

Activity 7.4.4: Supporting infrastructure evolution

Area 7.4.4.1. User needs and mission evolution

“Networks for universities and research institutes, and user fora”

- Building and managing networks of excellence (private + public)
- Preferably in liaison with an existing European network of organisations
- Develop pan-European cooperation between research centres & universities
- Funding scheme: Coordination and Support Actions (CSA)

Area 7.4.4.2. *Space & ground segment evolution*

Area 7.4.4.3. International cooperation & awareness

“International activities”

- Extension of projects launched to non-EU countries - 1st or 2nd Calls FP7
- Application demonstrators, localisation, awareness activities outside EU

Objectives



Promoting European GNSS services, applications & standards throughout the world through

- Support to the **cooperation agreements** established with 3rd countries or regions
- Guidance and support to non-EU countries and regions to set up **regional and local facilities** to adapt services to local needs
- Monitoring of GNSS **policy & regulations** in non-EU countries
- Monitoring of **possible restrictions** applied to the use of European GNSS

Funding mechanisms

- Collaborative projects (CP)
 - to develop new knowledge, new technology, products, demonstration activities
- Coordination and support actions (CSA)
 - aimed at coordinating or supporting research activities and policies (networking, exchanges, coordination of funded projects, studies, conferences, etc)
 - Two types: Coordination Actions (CA), Specific Support Actions (SSA)

Countries participating in FP

- 27 EU Member States (MS)
- 12 Associated Countries (AC)

Switzerland, Norway, Iceland, Croatia, Turkey, Bosnia & Herzegovina, Liechtenstein, Israel, Albania, Montenegro, the Former Yugoslav Republic of Macedonia and Serbia

- International Cooperation Partner Countries/ICPC (receive funding)
- Industrialised countries (no funding)

Special conditions

- At least one of the participants in the consortium shall be from a "third country"
- Participants from third countries shall have a significant role in the consortium

1 - Extending call 1 & 2 FP7 projects to 3rd countries

Objective: Reinforced GNSS cooperation between the European Union and third countries

Tool: Extension of running call 1 and 2 FP7 projects to third countries in order to

- » increase the level of expertise
- » Broaden the scope and/or speed up developments

Priority countries or regions:

- GNSS and/or SBAS operators
- Potential markets for the EU industry
- Specific know-how on GNSS technologies, services or applications

2 - Support to GNSS policy dialogues

Objective: Strengthen the international dimension of the EU GNSS programmes by supporting the GNSS policy dialogues jointly established between the European Commission & a number of third countries & regional organisations

Tools:

- Organisation of events synchronised with policy dialogue meetings
- Identification and analysis of GNSS policy & research priorities in third countries and recommendations for future co-operation initiatives

Priority countries or regions:

- Target countries/regions: U.S.A., China, Russia, South Africa (current dialogues) and Japan, India (dialogues under preparation)

3 - Applications



Objective: Support new projects consisting in demonstrators of applications, adaptation of applications to local context
mandatory central international component

Output of the project: Development of an application or a part of an application that can be integrated rapidly in an existing application.

Key points:

- Galileo/EGNOS: a key enabler of the application
- Clear exploitation roadmap (business plan)
- Innovative proposal (new markets, new applications...)
- Contribute to the adoption of Galileo, EGNOS or EDAS

...

4 - Support to the uptake of European GNSS research results in developing economies

Objective: Facilitate widest diffusion and local exploitation of European GNSS research results through piloting and testing of solutions adapted to local needs (infrastructures, users, culture...)

Key points:

- Focus on socio-economic impacts and aspects (affordability, deployment and local exploitation opportunities...)
- Facilitate transformation of research results into local innovation

...

5 - Support the competitiveness of EU industry

Objective: Extend the constituency of the European GNSS community to key partners in third countries

Tools:

- Identification and assessment of relevant centres of competence in targeted countries or regions
- Organisation of workshops and the exchange of best practices
- Comparative studies (assessment of the international positioning of European GNSS technology strategies and the formulation of policy objectives)

Requirements



- Majority of the activities to be carried out in one or more third countries
- Clear rationale for the involvement of the specific 3rd countries or region
- Focus on implementation as opposed to analysis.
- Quantified objectives
- Consistent with ongoing developments in the Galileo/EGNOS programme

For further information



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