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Methodology and SW libraries for the design and development of GALILEO/EGNOS-based POSiTioning applications for smartphones

Fact Sheet

Project Information

POSTO

Grant agreement ID: 286536

[Project website](#) 

Project closed

Start date

1 November 2011

End date

31 October 2013



Funded under

Specific Programme "Capacities": Research for the benefit of SMEs

Total cost

€ 1 552 175,00

EU contribution

€ 1 155 100,00

Coordinated by
HELILEO SA
 France

This project is featured in...



Objective

"In the area of Location Based Services (LBS), smartphone-based positioning applications are built on positioning data mainly provided by GPS, which in many cases may become problematic due to the low accuracy provided (thus preventing the take-up of services with high accuracy constraints) and the non-availability of confidence-level in the positioning information, the so-called integrity.

GNSS Augmentation Systems like WAAS (in United States), MSAS (in Japan) and EGNOS (in Europe) have been a consistent attempt to overcome these GNSS problems and improve the positioning applications attributes, such as accuracy and reliability. These systems have reached today a quite mature state, nevertheless related technology and algorithms on the applications side have been certified and used with efficiency only in niche areas like the air navigation systems.

However, still the significant technological know-how of embedding EGNOS functionality in positioning applications, has prevented European SMEs, developing location based applications for smartphones, from adopting these new technological opportunities, thus not getting them in a position to be able to exploit the accuracy and the confidence in positioning information offered by EGNOS (and future GALILEO) in their applications. This will be possible when commercial EGNOS/GALILEO chipsets will be available for smartphones, but today this is not the case.

POSTO aims to provide a viable solution to the aforementioned problems, by supplying the methodology and the software libraries required for the design and development of GALILEO/EGNOS-based mobile positioning applications, targeting SMEs who are seeking to develop positioning applications for smartphones by exploiting the full potential of the GALILEO/EGNOS benefits."

Fields of science (EuroSciVoc)

[natural sciences](#) > [computer and information sciences](#) > [software](#)

[social sciences](#) > [social geography](#) > [transport](#) > [navigation systems](#) > [satellite navigation system](#) > **[global navigation satellite system](#)**

[engineering and technology](#) > [electrical engineering, electronic engineering, information engineering](#) > [information engineering](#) > [telecommunications](#) > **[mobile phones](#)**



Programme(s)

[FP7-SME - Specific Programme "Capacities": Research for the benefit of SMEs](#)

Topic(s)

[SME-2011-1 - Research for SMEs](#)

Call for proposal

FP7-SME-2011

[See other projects for this call](#)

Funding Scheme

[BSG-SME - Research for SMEs](#)

Coordinator



HELILEO SA

EU contribution

€ 165 000,00

Total cost

No data

Address

**AVENUE DE LA GARE 1
40100 DAX**

 **France** 

Region

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Participants (9)



EKITO SARL

France

EU contribution

€ 210 000,00

Address

RUE DE CAULET 12 AEROPARC 12
31300 TOULOUSE

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



TRACKER SECURITY OY

Finland

EU contribution

€ 165 000,00

Address

Ahventie 4a7
02170 ESPOO

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- Contact the organisation Website
- Participation in EU R&I programmes
- HORIZON collaboration network

Total cost

No data



GNOMON PLIROPHORIKIS AE

Greece

EU contribution

€ 136 728,00

Address

ANTONI TRITSI 21
570 01 -

Region

Βόρεια Ελλάδα > Κεντρική Μακεδονία > Θεσσαλονίκη

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- Contact the organisation Website
- Participation in EU R&I programmes
- HORIZON collaboration network

Total cost

No data



OY ARBONAUT LTD

Finland

EU contribution

€ 167 000,00

Address

KAISLAKATU 2
80130 Joensuu

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- Contact the organisation Website
- Participation in EU R&I programmes
- HORIZON collaboration network

Total cost

No data



MILTECH HELLAS BIOMICHANIA EMPORIOANTIPROSOPEIES ILEKTRONIKON OPTIKON KAI MICHANOLOGIKON EIDON AE

Greece

EU contribution

€ 297 872,00

Address

I. METAXA 90
19400 KOROPi

Region

Αττική > Αττική > Ανατολική Αττική

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- Contact the organisation Website
- Participation in EU R&I programmes
- HORIZON collaboration network

Total cost

No data



TELETEL TECHNOLOGIA AERODIASTIMIKIS KAI AMINAS

Greece

EU contribution

No data

Address

KIFISSIAS AVENUE 124
115 26 ATHINA

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- Contact the organisation Website
- Participation in EU R&I programmes
- HORIZON collaboration network

Total cost

No data



M3 SYSTEMS SAS

France

EU contribution

No data

Address

RUE DU SOLEIL LEVANT 26
31410 Lavernose Lacasse



Region

Occitanie > Midi-Pyrénées > Haute-Garonne

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- Contact the organisation Website
- Participation in EU R&I programmes
- HORIZON collaboration network

Total cost

No data



HANDCRAFTED SOFTWARE SRL

Italy

EU contribution

No data

Address

VIA DELLE MEDAGLIE D ORO 5

56127 PISA 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



ENOSI MIHANIKON PLIROFORIKIS & EPIKINONION ELLADOS (Greek Association of Computer Engineers)

 Greece

EU contribution

€ 13 500,00

Address

Karageorgi Servias 7

10563 Athens 

Activity type

Other

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

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Permalink: <https://cordis.europa.eu/project/id/286536>

European Union, 2025

