

HORIZON
2020

GNSS/INS Low-cost Attitude Determination and navigation system - Phase 2

Fact Sheet

Project Information

GLAD-2

Grant agreement ID: 698729

[Project website](#) 

DOI

[10.3030/698729](https://doi.org/10.3030/698729) 

Project closed

EC signature date

16 September 2015

Start date

1 January 2016

End date

31 March 2018

Funded under

INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies – Space

Total cost

€ 1 414 933,00

EU contribution

€ 990 453,10

Coordinated by

ACORDE TECHNOLOGIES SA



Spain

Objective

GLAD-2 is aimed at the industrialisation of an innovative product (GNSS low cost and highly accurate attitude determination system, reinforced magnetic immunity) and its commercialisation plan.

The innovative and technologically advanced prototype (TRL6), outcome of an FP7 project, (with proven feasibility through SME-INST-1 project) will be transformed into a TRL9 profitable product. It avails an identified business opportunity derived from

the UAS/RPAS expansion and lack of high precision and low cost positioning solutions. This will be done in parallel to the regulation harmonisation in Europe, thus fostering this niche market, mainly in the civilian professional sector, for precision accuracy and/or magnetic interference sensitive applications.

ACORDE expects to reach the 5% European market share, offering this product to autopilot/sensor developers, UAS integrators and UAS manufacturers, what will imply a cumulative turnover of 8.5M€ and cumulative profit of 1.6M€ in the 2016-2022 period, generating 5 FTE positions in the company.

Since the company strategy is based on high technology engineering connected to radiofrequency and satellites, creating robust, reliable and high performance products, it is clear that the goal pursued in GLAD-2 is absolutely aligned with the corporate strategy, complementing the high-tech offering, consolidating the UAS supplier capabilities, and exploiting an experienced R&D line within the company. Therefore, this opportunity represents a key milestone in the strategic implementation plan: not only will promote the GNSS/Galileo products market activity, but also will open new niche markets for the company, thus increasing the probabilities of synergies, cross sales and incremental selling, creating a virtuous circle with the rest of the company technologies and products, not to mention the employment creation and the diversification of incomes, leading to a robustness and competitiveness improvement of the SME.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [electrical engineering](#), [electronic engineering](#), [information engineering](#) > [information engineering](#) > [telecommunications](#) > [radio technology](#) > **[radio frequency](#)**

[engineering and technology](#) > [civil engineering](#) > [urban engineering](#) > **[smart cities](#)**

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

[engineering and technology](#) > [mechanical engineering](#) > [vehicle engineering](#) > [aerospace engineering](#) > **[aircraft](#)**

[engineering and technology](#) > [environmental engineering](#) > **[natural resources management](#)**



Keywords

GNSS

Galileo

EGNOS

INS

attitude

navigation

low cost

accuracy

high precision

UAS

RPAS

positioning

Programme(s)

[H2020-EU.2.1.6. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies – Space](#)

MAIN PROGRAMME

[H2020-EU.2.3.1. - Mainstreaming SME support, especially through a dedicated instrument](#)

Topic(s)

[Space-SME-2015-2 - SME Instrument](#)

Call for proposal

[H2020-SMEInst-2014-2015](#)

[See other projects for this call](#)

Sub call

H2020-SMEINST-2-2015

Funding Scheme

[SME - SME instrument](#)

Coordinator



ACORDE TECHNOLOGIES SA

Net EU contribution

€ 990 453,10

Total cost

€ 1 414 933,00

Address

CALLE EL CASTRO 22N

39011 Santander

 **Spain** 

SME 

Yes

Region

Noroeste > Cantabria > Cantabria

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](#) 

Last update: 6 September 2024

Permalink: <https://cordis.europa.eu/project/id/698729>

European Union, 2025