THE GSA WHO WE ARE AND WHAT WE DO

Ensuring that Europe and European citizens get the most out of Galileo and EGNOS.

Road
GNSS is more than an in-vehicle navigation device; it also supports fleet management, road tolling and speed monitoring. Today, the GSA is positioning EGNOS and Galileo to be tomorrow’s enablers of autonomous driving, connected vehicles and the euCall emergency response system.

Maritime
The GSA recently secured Galileo’s place in the International Maritime Organisation’s Worldwide Radio Navigation System. Although an important first step for Galileo’s role in maritime navigation, EGNOS has a long history of helping passenger, cargo and recreational vessels safely navigate oceans, rivers, canals, lakes and estuaries.

Agriculture
Modern agriculture demands innovative, efficient and sustainable farming solutions. Thanks to the GSA, EGNOS and Galileo are leading the drive towards precision agriculture, giving European farmers the tools they need to enhance precision, eliminate waste, increase productivity and maximise crop yields.

Mapping & Surveying
Surveys operating in challenging environments depend on the accurate positioning that European GNSS offers. Whereas EGNOS provides metre-level accuracy that is widely available, high-precision users demand positioning services with sub-decimetre level accuracy. Here, the GSA offers the Galileo Open Service, Commercial Service and High-Accuracy Service.

Timeline
The GSA is positioning the Galileo Open Service and High-Accuracy Service as the answer to this demand for more and better synchronisation.

Space is a valuable service
Today space is a service, an invisible infrastructure providing very visible services. From the navigation technology and user needs, the GSA is making rail travel user-friendly, cost efficient and safer.

By incorporating European GNSS into Europe’s rail sector, the GSA is making rail travel user-friendly, cost efficient and safer.

The GSA
As the link between space technology and user needs, the GSA mission is to ensure that users in Europe and around the world fully benefit from Europe’s satellite navigation programmes. To do this, the Agency is responsible for the operations and service provision for both EGNOS and Galileo.

The GSA also handles a range of matters related to the security of European GNSS including operating the European GNSS Security Monitoring Centre (GSMC), securing the Galileo Public Regulated Service (PRS), developing the PRS user segment, and ensuring the functioning of the Security Accreditation Board of the EU GNSS systems.

In addition, the Agency plays a key role in the development of applications and services for EGNOS and Galileo and promoting their use; managing EU-funded research and leveraging the results; and ensuring the use; managing EU-funded research and leveraging the results, and monitoring the market and forecasting future developments.

As a direct result of our work, citizens, businesses and entrepreneurs are benefiting from the many innovative opportunities that EGNOS and Galileo make possible.

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Learn more at
www.gsa.europa.eu
LINKING SPACE TO USER NEEDS