

The Galileo Green Lane App: easing pressure at the EU's internal borders

PRESS BACKGROUNDER

The Galileo Green Lane App

The European GNSS Agency (GSA) in collaboration with the European Commission (EC) has been looking into finding solutions to manage, monitor and respond to the current crisis, using the available positioning services of Galileo, and has developed the Galileo Green Lane App: easing pressure at the EU's internal borders.

How does it work?

To support European mobility and logistics, the app is designed to address the needs of border control authorities and truck drivers with two intuitive user interfaces.

For the **border control authorities**, the app provides a real-time visualisation of the overall border situation between a country and its neighbours. In turn, border officials can contribute information to the system by regularly feeding updates into the app on the traffic flow and waiting times at their borders. At the same time, the app will provide Member States with a website generating reports automatically in order to demonstrate the compliance to the EU on the Green Lanes implementation.

For the **truck drivers**, the app provides an interface with a real-time visualisation of borders of interest to them, through an EU-wide map indicating Green Lane border crossing times. When drivers enter a geo-fenced area within a specified distance to a border, they receive a notification produced by the border officers on the situation at that border. Experts from the EC Joint Research Centre (JRC) are supporting the design of the geofencing algorithm.

The Galileo Green Lane app collects location data exclusively to update the overall traffic status, no personal data of the driver is collected. The location is transmitted securely and anonymously only once the truck approaches a border crossing zone to provide statistical traffic data. All data handling is done in compliance with EU regulation on data privacy, specifically with regards to the General Data Protection Regulation 2016/679. www.galileogreenlane.eu

The Galileo Green Lane initiative is run by the [European GNSS Agency](http://www.gsa.europa.eu) on behalf of the European Commission. It is compliant with the [EC Communication C\(2020\) 1897 final](https://eur-lex.europa.eu/eli/comm/communication/2020/1897/final), on the implementation of the Green Lanes.

Timeline

20/04/2020, EC-GSA launched the beta version for border authorities

21/04/2020, Hungary started with the first pilot testing in 3 border crossings

22/04/ and 28/04/ 2020, GSA-IRU delivered 2 Pan-European webinars to promote the solution to the International Road Union members

23/04/2020, EC-GSA launches the beta version for truck drivers

Early-May 2020, the Czech Republic, Romania and Greece started testing the app across 6, 5 and 1 border crossings respectively.

Mid-May 2020, Spain and France will start pilot testing their apps

EU neighboring countries such as Moldova and North Macedonia have also expressed interest.

The European Commission Green Lane initiative

Brussels, 16 March 2020, the European Commission publishes the [COVID-19 Guidelines for border management measures to protect health and ensure the availability of goods and essential services](#) setting up the principles for an integrated approach to an effective border management to protect health while preserving the integrity of the Single Market.

Brussels, 23 March 2020, the European Commission published the [Communication on the implementation of the Green Lanes under the Guidelines for border management measures to protect health and ensure the availability of goods and essential services](#) stressing the principle that all EU internal borders should stay open to freight and that the supply chains for essential products must be guaranteed. The free flow of goods, especially in times of emergency and in the interest of all, requires that Member States respect and fully implement the Guidelines at all border-crossings at internal borders.

Galileo

Galileo is Europe's Global Navigation Satellite System (GNSS), providing improved positioning and timing information with significant positive implications for many European services and users. Galileo aims to ensure Europe's independence from other satellite navigation systems and its strategic autonomy in satellite navigation. Europe's investment in this sector will boost the European job market, help the EU step up its role as a security and defence provider, and support emerging technologies such as Artificial Intelligence, drones, automated mobility and the Internet of Things.

Questions about Galileo? Check out our [Galileo FAQ page](#) and [Galileo FAQ YouTube Playlist](#)

Galileo for Mobile Apps location

With over 1.4 Bln smartphones using Galileo, and the increasing importance of accurate timing and positioning, Galileo is poised to have a leading role for the development of innovative location-based applications.

Today 95% of companies that produce smartphone chips for satellite navigation make chips that are Galileo-enabled. According to figures in the latest [GSA GNSS Market Report](#), global annual GNSS receiver shipments are forecast to grow continuously across the next decade, from 1.8 bln units in 2019 to 2.7 bln units in 2029. Most of these shipments are for receivers costing less than €5, and 90% of receivers in this price segment are used in smartphones and wearables.

Is your phone using Galileo? www.usegalileo.eu

The European GNSS Agency (GSA) www.gsa.europa.eu

The European GNSS Agency (GSA), is the European Union Agency in charge of managing operations, security and service provision for Europe's Global Navigation Satellite System (GNSS), Galileo and EGNOS. By working with stakeholders, industry, service providers and user communities, the GSA ensures the highest return on European GNSS investment, multiplying the benefits of space applications for European citizens and business, boosting innovation and competitiveness, and securing sustainable economic growth.

- Cristina Comunian, GSA Communications Officer, Cristina.COMUNIAN@gsa.europa.eu,
Tel +420 234 766 780, Mobile: +420 778 537 344
- Marie Ménard, GSA Communications Officer, Marie.Menard@gsa.europa.eu,
Tel +420 237 766 627, Mobile: +420 602 619 776

Joint Research Centre (JRC)

As the European Commission's science and knowledge service, the Joint Research Centre (JRC) supports EU policies with independent scientific evidence throughout the whole policy cycle. It creates, manages and makes sense of knowledge and develops innovative tools and make them available to policy makers. The JRC anticipates emerging issues that need to be addressed at EU level and understand policy environments, collaborating with over a thousand organisations worldwide whose scientists have access to many JRC facilities. The work of the JRC has a direct impact on the lives of citizens by contributing with its research outcomes to a healthy and safe environment, secure energy supplies, sustainable mobility and consumer health and safety.

- Nina Kajander, JRC Press officer in Ispra (Italy) Tel.: +39 0332 78 59 70,
e-mail: Nina.KAJANDER@ec.europa.eu

The International Road Transport Union (IRU)

IRU is the world road transport organisation, promoting economic growth, prosperity and safety through the sustainable mobility of people and goods. As the voice of more than 3.5 million companies operating mobility and logistics services in over 100 countries, IRU leads solutions to help the world move better. www.iru.org

- Marina Iordan, Senior Manager Content & Media, IRU Geneva, Marina.Iordan@iru.org,
Tel: +41 22 918 20 92

Sixfold

Sixfold is one of Europe's leading real-time logistics visibility platforms for the supply chain. Shippers and carriers seamlessly integrate their transport management systems with the Sixfold visibility platform to know where their shipments are and when they will arrive with minimal manual work from either of the parties. The platform aggregates data from all telematics systems into one data stream giving true end-to-end visibility of shipments. The Sixfold platform has powerful AI capabilities and singularly predicts delays and provides proactive alerts on any shipment delays. Up to Euros 500 million of goods are monitored by Europe's supply chains each day using the Sixfold platform enabling customers and shippers to gain business advantage and to better plan operations. Sixfold supports customers in more than 25 European languages and data distributed on its platform is totally secure and GDPR compliant. Visit www.sixfold.com

- Armin Tüll, Head of Marketing, Sixfold, armin@sixfold.com, Tel:+372 503 5151