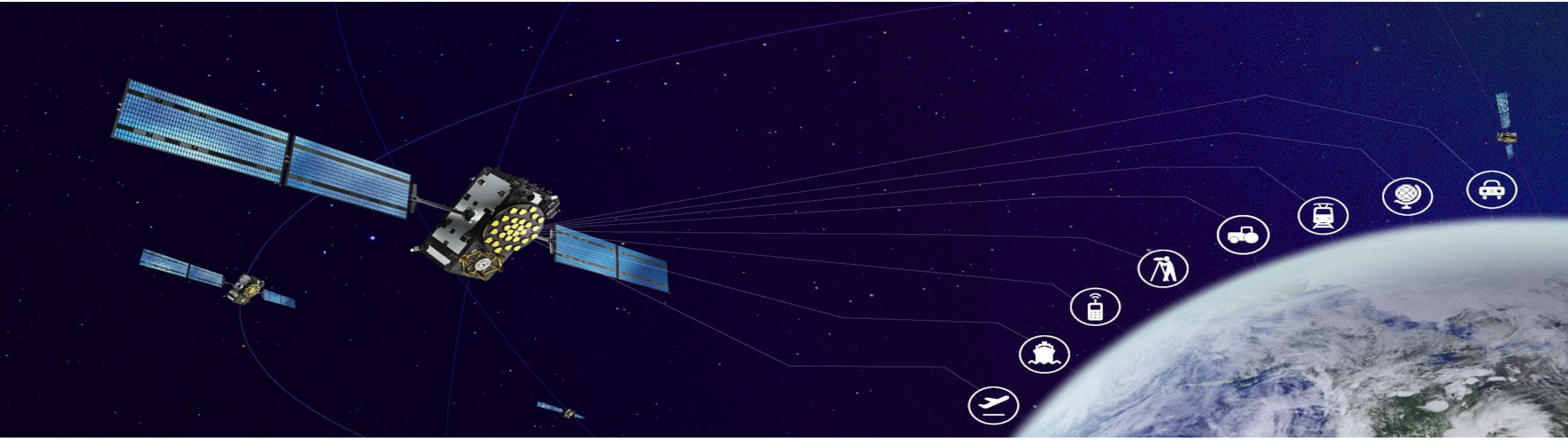

European
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GALILEO EGNOS
NAVIGATION SOLUTIONS
POWERED BY EUROPE

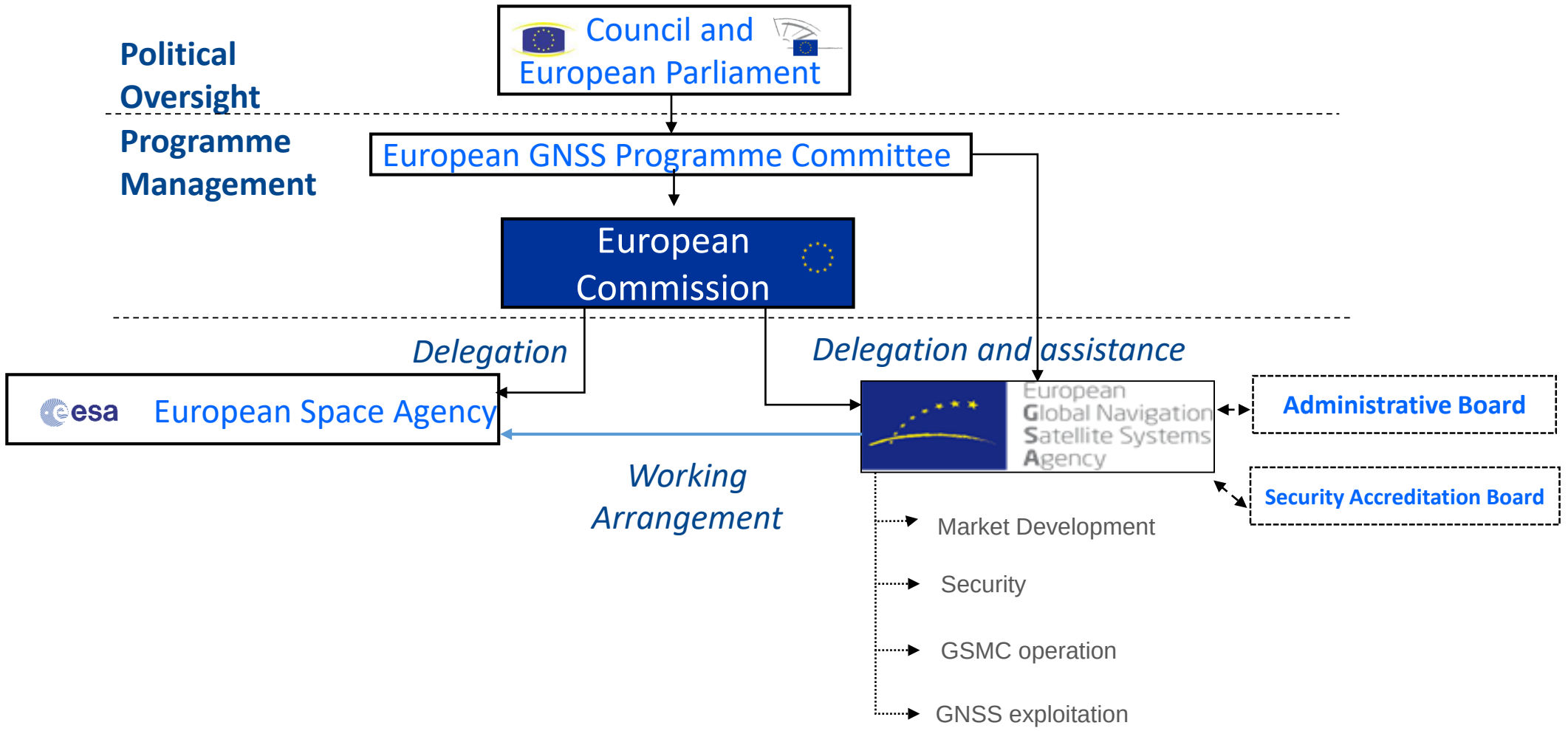
Galileo Green Lane

-

European GNSS Agency

Alberto FERNANDEZ WYTTENBACH – Market Leader Road /Automotive

How the European GNSS Agency fits in the EU structure



Galileo is a European success story

+1,300 Mill. Galileo devices as of today

“Galileo Green Lane” Mobile App

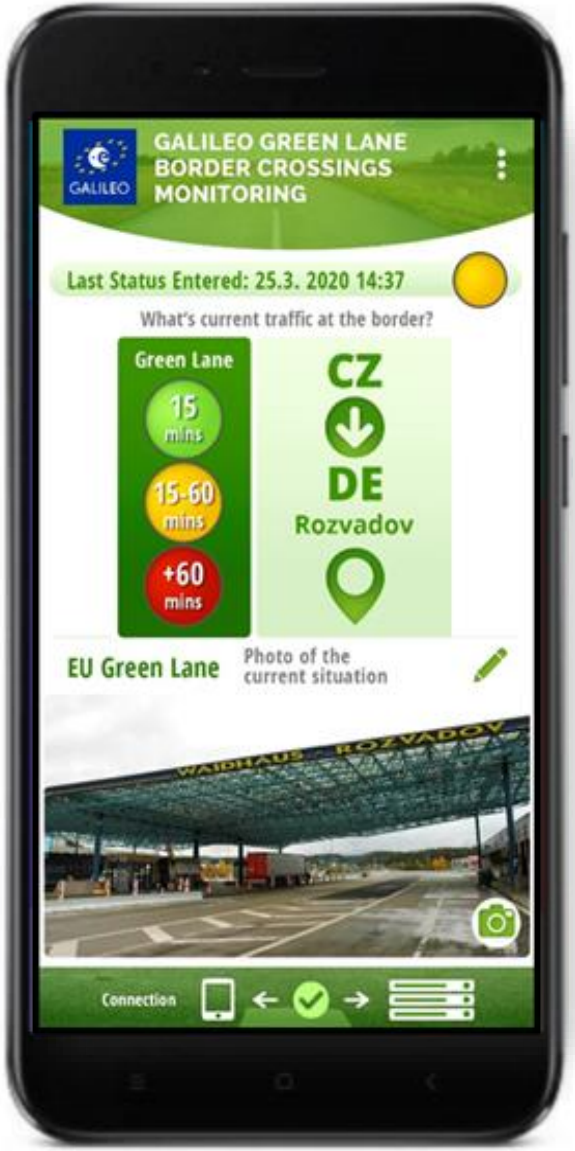
- Technological solution to support the EU Green lane border crossings implementation monitoring
- The objective of the “Galileo App” is to offload borders and manage more efficiently the transit of critical goods
- It will provide the Member States with a tool to report to the EU on the Green Lanes implementation
- Compliant with the EC Communication C(2020) 1897 final, on Green Lanes
- Partnership with Sixfold real time platform

Border control interface

- Real-time visualization of the **overall border situation** in the home country and the neighboring countries
- **Reporting** in terms of waiting time and traffic flow
- Anticipates **peak traffic** and predict patterns
- Can be integrated with existing **national tools** to verify data

Border officials will help to update the map:

- Categorise the **waiting situation** as Green/Yellow/Red
- Send **notifications** to drivers
- Take a **picture** of the border traffic and



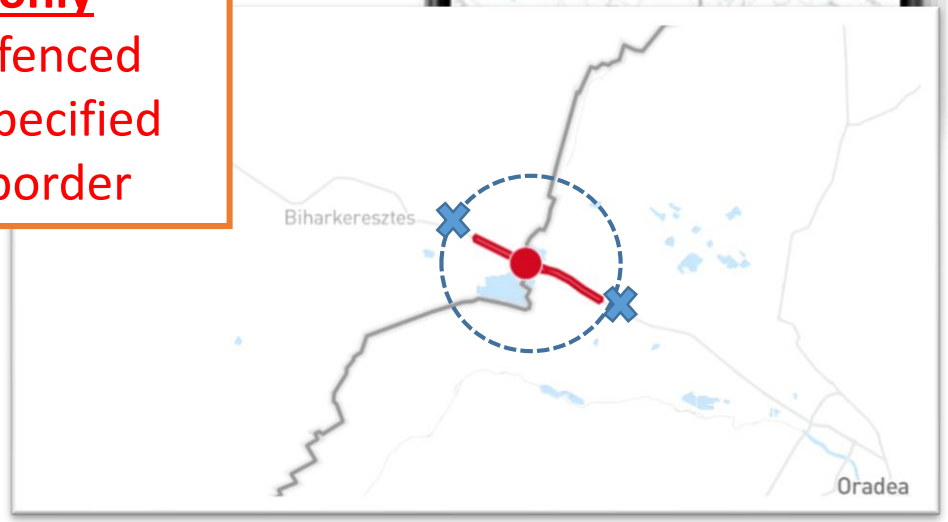
Driver interface

- Real-time visualization of crossing time in **187 border points** (EU+Schengen)
- **Notification** may be received from border authorities concerning traffic and priority goods, when approaching the border
- Driver location is collected only when approaching the boarder and used to update (**anonymously**) on the overall border picture

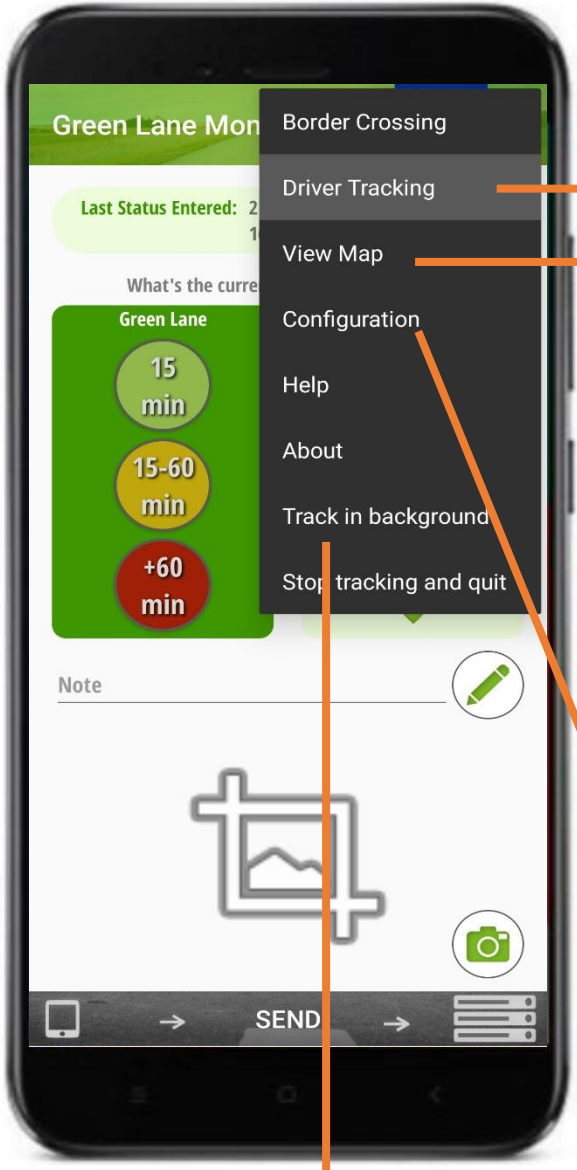
Drivers will help to update the map:

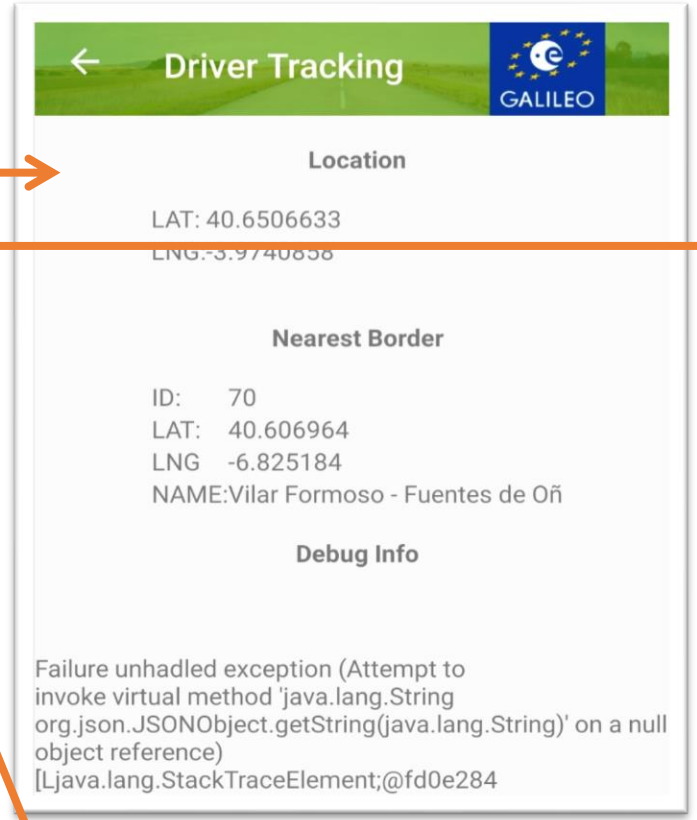
- **Automatically** running the application by tracking in the background
- Data collected will serve to **validate officials** reporting on waiting time

Tracking starts **only** inside the geo-fenced area within a specified distance from border

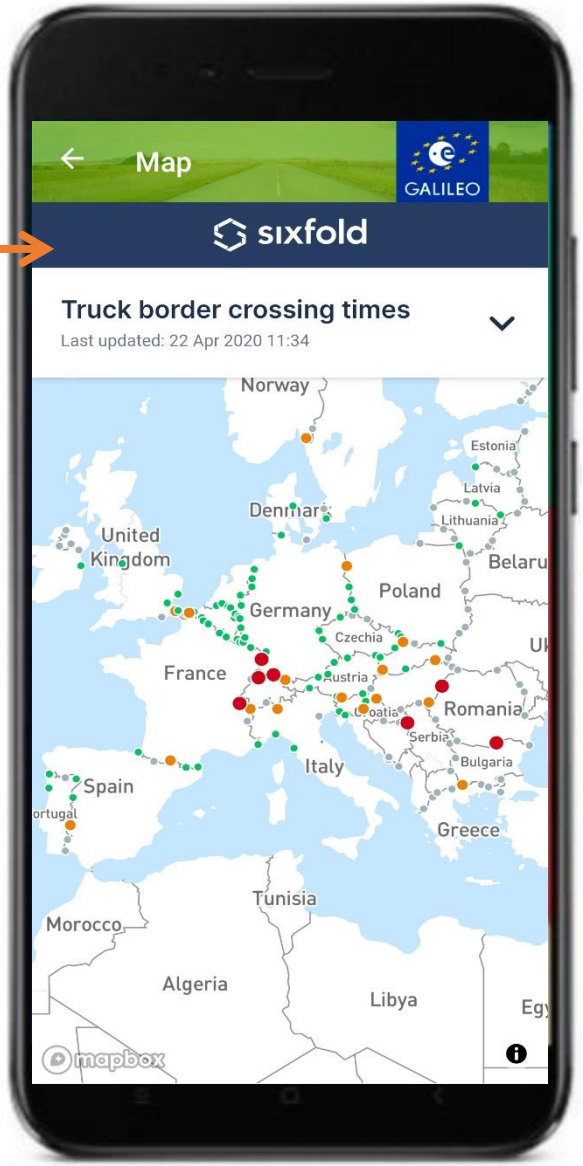


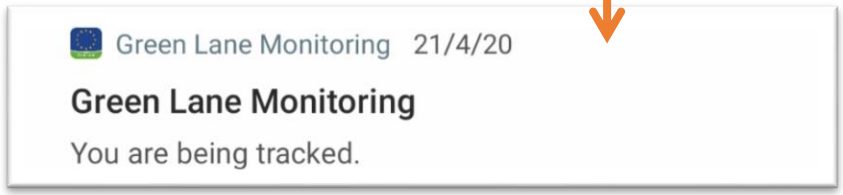
Green Lane Monitoring
GALILEO
Last Status Entered: 21. 04. 2020
16:37:11
What's the current traffic at the border ?
Green Lane
15 min
15-60 min
+60 min
Vilar Formoso
Fuentes de Oñoro
PT
ES
Note
SEND


Green Lane Mon
Last Status Entered:
What's the curre
Green Lane
15 min
15-60 min
+60 min
Note
SEND
Border Crossing
Driver Tracking
View Map
Configuration
Help
About
Track in background
Stop tracking and quit


Driver Tracking
GALILEO
Location
LAT: 40.6506633
LNG:-3.9740858
Nearest Border
ID: 70
LAT: 40.606964
LNG -6.825184
NAME:Vilar Formoso - Fuentes de Oñ
Debug Info
Failure unhadled exception (Attempt to invoke virtual method 'java.lang.String org.json.JSONObject.getString(java.lang.String)' on a null object reference)
[Ljava.lang.StackTraceElement;@fd0e284

Configuration
GALILEO
Phone ID
b9802a7a-cccf-4397-a65b-e71a0030e7a2
Driver mode
PASSENGER
TRUCKER


Map
GALILEO
sixfold
Truck border crossing times
Last updated: 22 Apr 2020 11:34
Norway
Estonia
Latvia
Lithuania
Denmark
United Kingdom
Belarus
Poland
Germany
Czechia
France
Austria
Romania
Serbia
Bulgaria
Italy
Spain
Portugal
Greece
Tunisia
Morocco
Algeria
Libya
mapbox

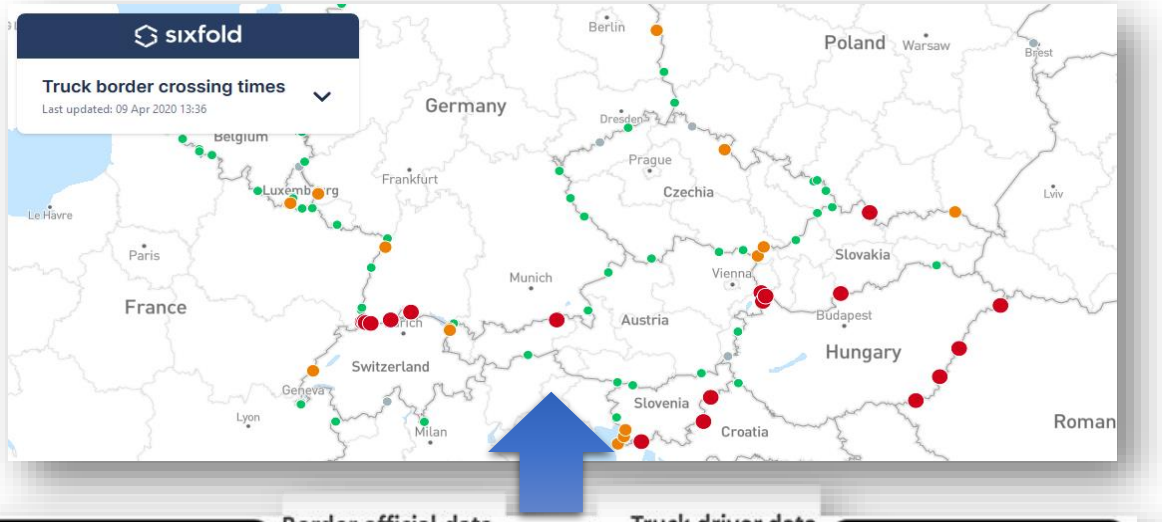

Green Lane Monitoring 21/4/20
Green Lane Monitoring
You are being tracked.

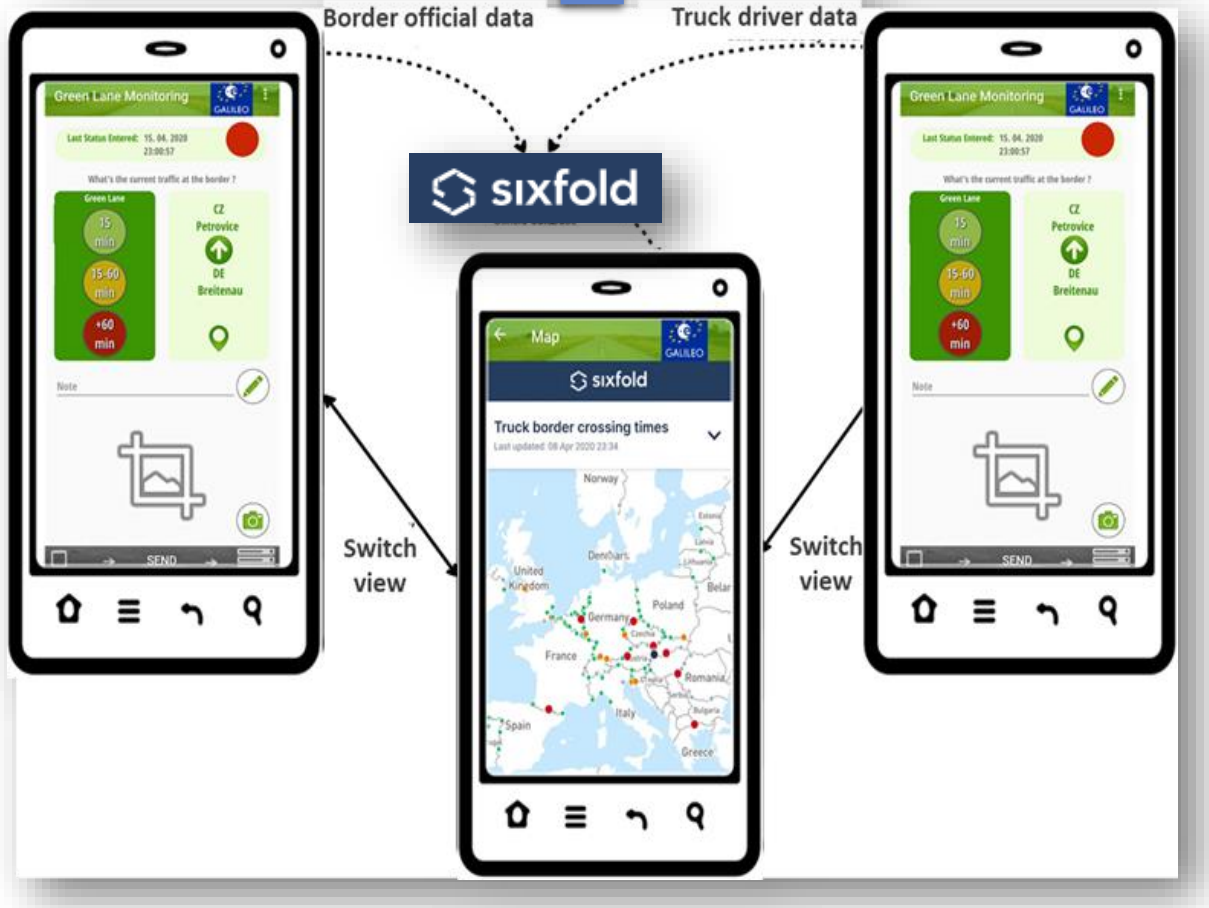
Reporting tools - Galileo Green Lane

Online map accessible

Daily Report

- Data from border officials and drivers Will enrich the Sixfold map
- Visualization (sixfold) of real time situation of border crossings for everyone
- Reporting tools only for restricted users: EC and Border authorities





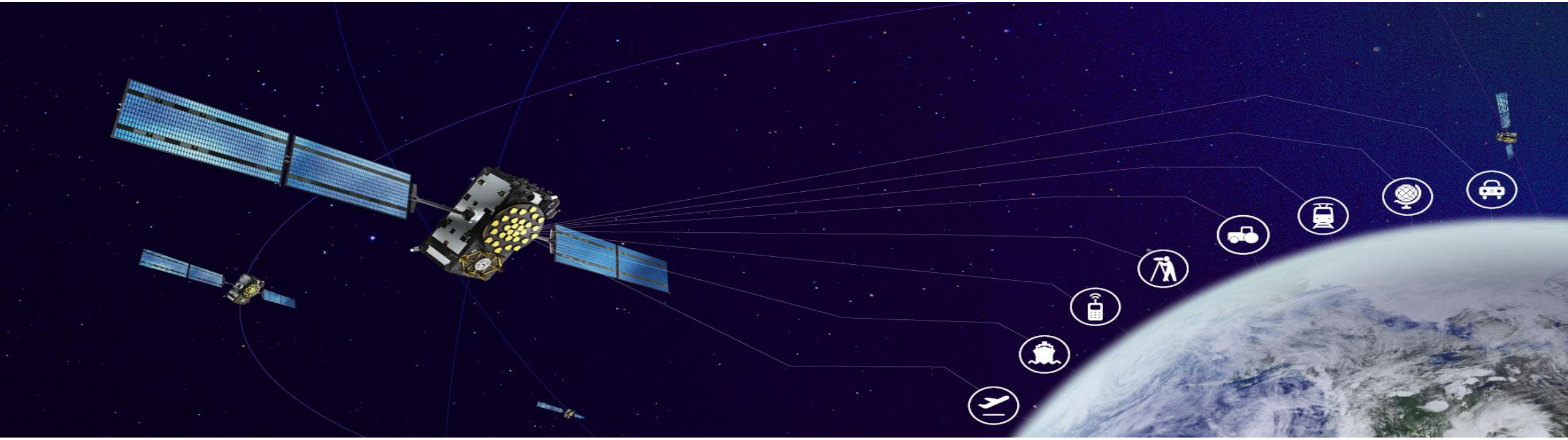
Restrictive: Average waiting time per country and trend

Daily Report

ILLUSTRATIVE

Czech Republic – Germany

		Average Waiting Time			TREND
		TODAY	YESTERDAY	1 WEEK AGO	
CZ -> DE	Rozvadov / Waidhaus (inbound to CZ)	1h	1-3h	1-3h	Improving
CZ -> DE	Rozvadov / Waidhaus (outbound from CZ)	2h	1h	2h	Worsening
CZ -> DE	Pomezí nad Ohří / Schirnding (inbound to CZ)	2h	1-3h	-	Stable
CZ -> DE	Pomezí nad Ohří / Schirnding (outbound from CZ)	2h	30 min	3h	Worsening
CZ -> DE	Krásný Les / Breitenau (inbound to CZ)	10 min	10 min	-	Stable
CZ -> DE	Krásný Les / Breitenau (outbound from CZ)	1h	2h	1-4h	Improving



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