



European  
Global Navigation  
Satellite Systems  
Agency

# #MyGalileoSolution 2020 Webinar



**EGNOS**

NAVIGATION MADE IN EUROPE

European GNSS Agency (GSA)

7 September 2020

# Q&A Session



- Questions are collected and addressed at the end of the session, if time allows it;
- All the Q&A (including not answered) will be published as clarifications;
- The clarifications and the presentation will be available online in due time, participants will be notified via e-mail.

# Join the #GNSSLive conversation on Twitter!



Let's make some noise and **tweets** today:

- Live tweeting? Use the hashtag **#GNSSLive** and/or **#MyGalileoSolution**
- Not following us on Twitter yet? Join our community: follow [@EU\\_GNSS](#)
- Got any GNSS raw measurements questions? Ask us directly on Twitter!
- Tag us, tweet & retweet the #GNSSLive stories & help us spread the word!

And if you're more into Instagram: tag [@space4eu](#) in your Insta stories!

# Agenda



- Introduction to GSA and Galileo
- Competition rules and prizes
- Q&A session
- Match-making

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- Introduction to GSA and Galileo
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# GSA is responsible for developing the market and operations of Galileo and EGNOS



- Staff: around 200
- Nationalities: 22
- HQ: Prague, Czech Republic
- Other Locations:
  - France
  - The Netherlands
  - Spain



# GNSS and Galileo

- GPS is the most known GNSS (Global Navigation Satellite System)
- However, it is not the only one:
  - Glonass
  - Beidou



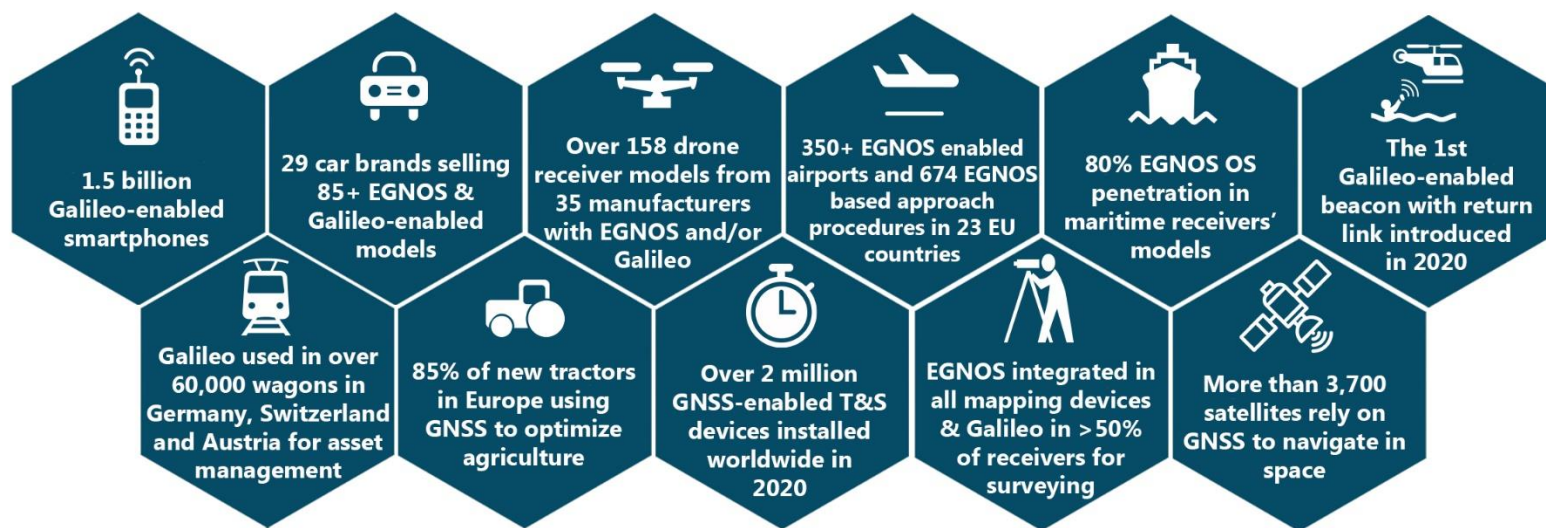
—Galileo!

- Supervised by the EC on behalf of the EU
- Operated by the European GNSS Agency (GSA), also in charge of market development
- 26 Satellites in the constellation today





# Galileo is being adopted in many different domains



Your smartphone is not alone,  
discover the other devices that are Galileo-enabled.

... more than **1.5 billion Galileo smartphones** overall,  
you can check the models in [www.usegalileo.eu](http://www.usegalileo.eu)





# Agenda



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# Level-up your idea!



myGalileo  
SOLUTION 

It's time to  
level-up your  
space idea.

APPLY TODAY!



European  
Global Navigation  
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Agency

# The Objective



The aim of the contest is to develop a location-based solution, such as mobile application, wearable-based solution, asset management, tracking solution, or robotics, leveraging Galileo as a source of positioning, navigation and/or timing.



<https://www.gsa.europa.eu/mygalileosolution>

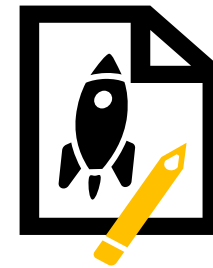
# The Tracks



The competition is divided into two independent and parallel tracks\*:

## **Track 1: From Idea to Prototype**

The aim of Track 1 is to develop a beta version of an application or a prototype of a solution implementing an idea, reaching minimum 50 % of its functionality.



## **Track 2: From Prototype to Product**

The aim of Track 2 is to develop a fully functional solution ready to be commercialise starting from a beta version of an application or a prototype.



*\*Each team can apply to one track only for the same idea.*

# The Challenge



Each participating team shall propose a solution targeting one of the following innovation areas:



Crisis & Emergency  
response



Smart transport for  
Green Deal



Solution for Digital  
Age



Cybersecurity

# Crisis & Emergency response



Applications supporting the recovery phase of COVID-19 pandemic, including:

- the support to movement of people across borders
- safe tourism
- support to local businesses affected by the situation
- special assistance to elderly people and those with high risk of infection
- management of harvesting season or construction works implementing social distancing



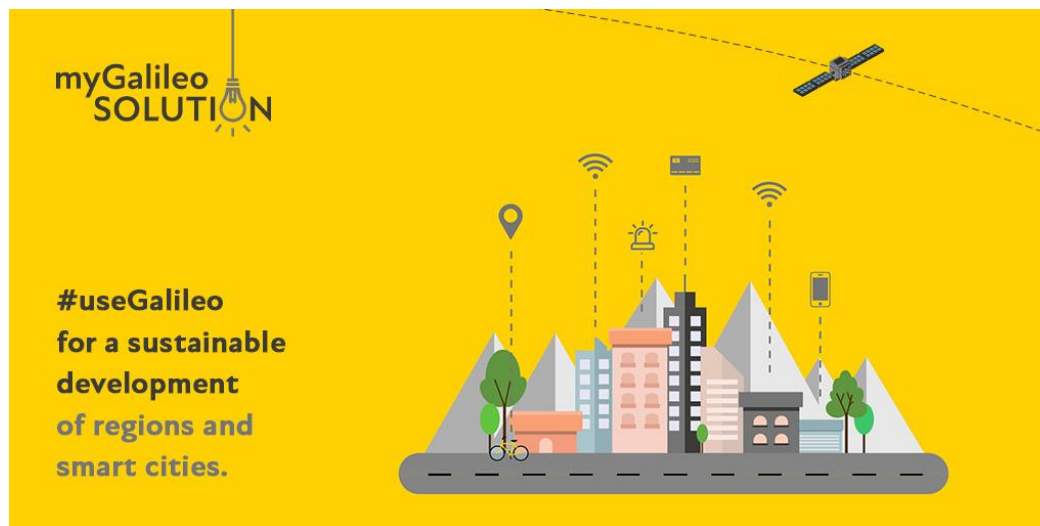


# Smart transport for Green Deal



Applications fighting climate change including:

- reduction of emission
- contributing to the move to more sustainable transport means and new concepts of mobility
- providing users with more affordable, accessible, healthier and cleaner alternatives
- and/or contributing to sustainable development of regions and smart cities



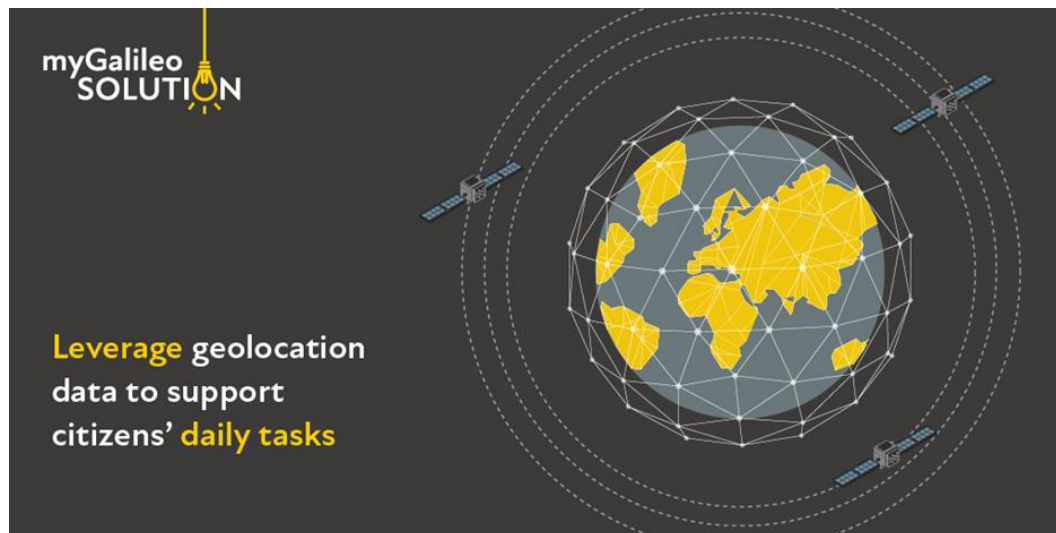
# Solutions for Digital Age



Applications using geolocation data in combination with other sources of data, such as

- Earth Observation
- and/or using Artificial Intelligence
- and/or Augmented Reality

to create solutions that support citizens in their daily lives, leisure and professional tasks.



# Cybersecurity



Applications helping individuals and organizations to address cyber security challenges, for instance via authentication of position to reduce jamming/spoofing risks in many areas, for example:

- Automotive
- Logistics
- mobile payments
- commercial marine
- applications providing verification of location/time in a variety of use cases



# Eligibility Criteria



## Participation open to

- ✓ Companies
- ✓ Entrepreneurs
- ✓ Students
- ✓ Researchers
- ✓ Anyone eager to take the challenge!!

## Nationality/ Location of the entity



EU Member States, Switzerland, Norway

## Teams composition



Ideally from 1 to 7 people  
Team coordinator as contact point

## Age



All applicants must be at least of  
18 years of age by the date of  
registration

# The competition process



## TIMELINE

1 September 2020



**Announcement  
of the  
Competition**

7 September 2020



Information webinar #1.  
Register [here](#).

14 September 2020



Information webinar #2.  
Register [here](#).

21 September 2020



Information webinar #3.  
Register [here](#).

30 September 2020



Proposals' submission  
deadline for both tracks

October 2020



Video calls with max. 40  
shortlisted teams for Track 2

31 October 2020



Announcement of teams  
selected to continue to the  
development phase

Mid November 2020



Check-point with each team  
on the progress

30 November 2020



Prototypes/products  
submission deadline for both  
tracks

Mid December 2020



**Contest Finals**

# The prizes – Track 1



Initial  
stage

The **30 best ideas** will receive a prize in amount of **€15.000** each and will continue to the development phase.

Final  
stage



**1<sup>st</sup> Prize**

**€ 40.000**



**2<sup>nd</sup> Prize**

**€ 25.000**



**3<sup>rd</sup> Prize**

**€ 10.000**

Three winners will be invited to pitch at the Finals in front of the investors





# The prizes – Track 2



Initial  
stage

The 20 best beta applications/prototypes will receive a prize in amount of € 40.000 each and will continue to the development phase.

Final  
stage



**1<sup>st</sup> Prize**

€ 60.000



**2<sup>nd</sup> Prize**

€ 40.000



**3<sup>rd</sup> Prize**

€ 25.000

Three winners will be invited to pitch at the Finals in front of the investors



# Award criteria



## Innovation (1-5):

- How innovative and novel is the approach compared to existing technical solutions and commercial services?
- Is there a similar solution already available on the market or is it addressing a new application area?
- Is the application technologically advanced (e.g. using multi-frequency, innovative algorithms)?



## Market potential (1-5):

- Is this solution marketable after repackaging this idea into a real product?
- Is there a potential market demand/customer base for this product? What is the revenue potential?
- Does the solution address needs of regional markets or improve the offer available in regional markets?



## Feasibility (1-5):

- How feasible is the solution within the limits of current technology?
- What progress has been achieved in the application/idea since the start of the challenge?
- Does the team have the necessary skills to develop and launch the product?



## Galileo-relevance (1-5):

- Is the application making use of Galileo?
- Is the increased accuracy or any other differentiator offered by Galileo relevant for the application?
- Are synergies with other space data explored?

# How to submit a good app proposal?



1

Read the Terms of Reference of the competition to be sure you don't miss anything

2

Register your team in the application platform\* and provide a video presenting your idea

3

Upload the required administrative documents:

- Application form
- Declaration of honour
- Legal Entity Form (+ IDs)
- Financial Identification Form
- For Track 2 only: Declaration of ownership of the proposed hardware prototype or beta version of the application

4

You can edit your application if needed until the deadline

\*<https://mygalileosolution.awardsplatform.com/>

# How to submit a good app proposal?



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Read the Terms of Reference of the competition and do anything

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You can edit your application if needed until the deadline

The Application form is the technical description of the idea

Keep in mind the award criteria when drafting your proposal:

- ✓ Innovation
- ✓ Market potential
- ✓ Feasibility
- ✓ Galileo-relevance

# How to submit a good app proposal?



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Register your team in the application platform and start presenting your idea

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You can edit your application if needed until the deadline

The Declaration of honour collects the declaration on different situations of exclusion

To be completed and signed by every team member

Upload all the Declarations of honour in one PDF document

# How to submit a grant proposal?

1

Read the Terms of Reference of the competition and do anything

2

Register your team in the application platform presenting your idea

3

Upload the required administrative documents

- Application form
- Declaration of honour
- Legal Entity Form (+ IDs, if applicable)
- Financial Identification Form
- For Track 2 only: Declaration of ownership of hardware prototype or beta version

4

You can edit your application if needed until the deadline

The Legal Entity Form (LEF) collects required identification information

Every natural person participating to a team shall submit a “Natural Person” form + a copy of their own ID. Persons representing a legal entity shall submit a “Private Company” or “Public Law Body” form + extract of the national company registry.

Upload all the forms is one document



# How to submit a good app proposal?



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Read the Terms of Reference of the competition to be sure you don't miss anything

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Register your team in the application platform\* and presenting your idea

3

Upload the required administrative documents:

- Application form
- Declaration of honour
- Legal Entity Form (+ IDs)
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- For Track 2 only: Declaration of ownership, hardware prototype or beta version of the application

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You can edit your application if needed until the deadline

The Financial Identification Form requires details in order to provide payment details to payout any prize during the contest

Do not forget to submit all the documents requested at the end of the form

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# How to submit a good app proposal?



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**Deadline: 30/09/2020  
23:59 GMT +2**

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# Are you looking for a team member?



***Now it is time to network!***

***Please introduce yourself or your team and explain what you are looking for!***

# Linking space to user needs



Get in touch:



European  
Global Navigation  
Satellite Systems  
Agency

[www.GSA.europa.eu](http://www.GSA.europa.eu)



[EGNOS-portal.eu](http://EGNOS-portal.eu)



[GSC-europa.eu](http://GSC-europa.eu)

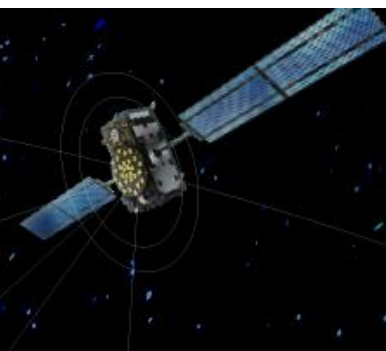


[UseGalileo.eu](http://UseGalileo.eu)



The European GNSS Agency is hiring!

**Apply today** and help shape the  
future of satellite navigation!



# Download market and technology GNSS reports to feed your thoughts!





# GSA focus in LBS is to further stimulate application development



- November 2016: 1<sup>st</sup> Galileo hackathon in Berlin
- April 2017: 2<sup>nd</sup> Galileo hackathon in Gdansk
- November 2017: Spacetech Integrated applications in Tartu
- October 2018: EU space hackathon in Padova
- 2019: MyGalileoApp
- December 2019: Galileo Innovation Challenge
- March 2020: FLAMINGO hackathon
- ...and many others to come!

