

NEW IDEAS AND INNOVATIONS

The aim of the prize is to promote the use of the European implementations of Global Navigation Satellite System (GNSS) and Earth Observation (EO) in agriculture. We're looking for new ideas and innovations, particularly those relying upon EGNOS, the Galileo system, or Copernicus. Entries can be from individuals or teams and be about any type of agriculture.

Students and Post graduates

Use your knowledge and creativity to find innovative ways to use satellite technologies to improve agriculture and the environment.

Professors and Lecturers

If you have students who have already submitted impressive work or ideas in this area, encourage them to write it up for this competition. You can also build it into your teaching programme for the year and support your students with their applications.

¹EGNOS: www.gsa.europa.eu/egnos/what-egnos

²GALILEO: www.gsa.europa.eu/european-gnss/galileo-galileo-european-global-satellite-based-navigation-system

³Copernicus: www.copernicus.eu/

HOW TO TAKE PART

1. Form a team

Work individually or in a team of up to 4 people. Each team is allowed one mentor (Mentors cannot be a relative of any members of the team).

2. Register your details

Once registered, you will be sent a full Information Pack about the competition. Register online by 30 June 2018, 17:00 CET.

3. Develop your idea

Use 3,000 – 10,000 words to fully describe your idea. Entries must also include an abstract of 150-200 words and be written in English. Entries must be submitted by 07 September 2018, 17:00 CET.

4. Final Stage

The judges will invite up to 10 teams to a European city to present their ideas or solutions.

5. Award Ceremony

The day after the presentations the winners will be announced at an award ceremony, hosted in a European city.

See www.farmingbysatellite.eu for more details. You can also contact the competition organisers by email at: info@farmingbysatellite.eu



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FARMING BY SATELLITE prize

HOW CAN WE USE SATELLITE TECHNOLOGIES TO IMPROVE AGRICULTURE AND REDUCE ENVIRONMENTAL IMPACT?

A summer project competition for students and young people across Europe

www.farmingbysatellite.eu

First prize: €5,000 | Second prize: €3,000 | Third prize: €1,000;
Plus an expenses-paid trip to a European city for up to 10 shortlisted teams

Farming by Satellite is an EU initiative by the European GNSS Agency in cooperation with the European Environment Agency



Official partners:



Supported by:



WHO IS ELIGIBLE?

The competition is open to all students and young people below the age of 32 at the time of registration who are citizens of, or resident in any of the following countries:

Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lichtenstein, Lithuania, Luxembourg, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine and the United Kingdom.

First prize: €5,000

Second prize: €3,000

Third prize: €1,000



TYPES OF ENTRY

Submissions may take any of the following forms:

1. Success stories of the application of GNSS or new ideas and innovations, including:
 - Precision agriculture
 - Soil, vegetation, disease and yield mapping
 - Environmental management
 - Artificial Intelligence
 - Augmented Reality
 - Big Data
2. Technical proposals for equipment/software/systems.
3. Applications for small producers and/or cooperative groups.
4. Wide area application of GNSS and EO in agriculture, forestry, fisheries.

PREVIOUS WINNERS SAY

"The overall experience was unique. Winning the prize was a real opportunity for me. Since then, we have been largely supported by ISA Lille to develop our concept further. It also gave me a significant experience on my CV, and that really helped me to find my end-of-course internship. Trust in your ideas. Innovation is within the reach of everyone!"

1st prize 2016, Team ISA Lille, Marie Rolloy (France)

"It was great!! I would say that the best part was to work on the idea. We made it grow even if we didn't always believe it could be possible, and finally it was a success! I would advise you to believe in yourself and in your team!"

1st prize 2016, Team ISA Lille, Louise Vernier (France)

"Working on our project and finally meeting all the other teams was awesome. Going to Berlin was really great. It was very well organised so we had enough free time to see the city, have a nice talk with other teams and enjoy the stay. After the Prize, we were contacted by many big players in remote sensing in our country."

2nd prize 2016, TTT Solutions, Tomas Pour (Czech Republic)

"When I got the acceptance, it was a really happy moment! To go to Berlin, it was a fantastic experience. I was quite anxious at the idea of presenting in front of the judges, but my advice would be: don't worry and enjoy every single moment of the prize! The prize made me realize how much I wanted to continue studying. I am now a PhD student at University of Milan!"

3rd prize 2016, Glorify, Ambrogio Zanzi (Italy)

"The whole trip was really amazing. For me it was, and still is, a platform for meeting interesting people who are industry experts and researchers, who I wouldn't have met without the prize."

1st prize 2014, Daniel Hege (Germany)

"Entering the competition provides a great chance to have your innovative ideas heard by leading industry experts and potentially taken on for further development. Winning the Farming by Satellite Prize was an amazing experience which has opened up lots of opportunities, so don't hesitate and get writing!"

1st prize 2012, Robert Fillingham (UK)

