



Go2Space-HUBs has received funding from the European Union's Horizon 2020 research & innovation programme under grant agreement No 870370.



A platform to predict the dispersion of air pollution and another to facilitate the internationalization of companies, win ex aequo the #Go2SpaceHackathon

- More than **100 participants from 24 countries** attended the open training sessions and use cases that took place the week before the competition.
- The award consists of resources valued at **6,000€** and access to the Go2Space-HUBs [Acceleration Program](#).

Madrid, March 25th, 2021

The increasing use of Earth Observation data, as well as the good prospects for public funding planned for projects of this type, offer new business opportunities.

The **European Union Earth Observation Program, Copernicus**, offers information services based on data from satellites through platforms called DIAS that are free and open access.

In this context, last February, the European **Go2Space-HUBs** project, the Spanish multinational **Sacyr** and the **DIAS Platforms**, joined their forces in the search for potential uses of Earth Observation data through the celebration of #Go2SpaceHackathon.

More than 100 participants from 24 countries attended the open training sessions with experts from each of the platforms: **Creodias, Sobloo, Onda Dias, Mundi Web Services** and **Weekeeo**, the week before the competition.

Two teams have been the ex aequo winners of this Hackathon: The Dubhe team, made up of **Igor Casvalho Ramos, Yashita Saxena** and **Eugenio Arellano**, and the S2IC team made up of **Alessandra Porfido, Alan Whiteside, Adrián Pérez** and **Noelia Flores**.

The solution developed by **Team Dubhe** solves the problem of data from different sources in air pollution. Collecting data through specific ground-based measurements at hot spots or through low-resolution data from satellites and their utility is not only time-consuming, but also very complex for the end user.

Its proposal consists of a simple platform that, by cross-referencing terrestrial and satellite data with machine learning algorithms, shows and allows predicting the dispersion of air pollution. In addition to offering the data on maps with gas concentration and dispersion predictions, it also provides guidance on what is the best action to take and why.

For its part, the solution proposed by the **S2IC Team** consists of providing high-quality reports and geolocated data that facilitate the internationalization of companies. And, despite the fact that, nowadays, a wide range of information is available, for developing countries the data is scarce and unreliable.





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This platform will provide useful information that will help to make more conscious decisions. Space technology, specifically Earth Observation, will not only fill the data availability gap, but will also improve its quality.

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Congratulations to both teams!

Go2Space-HUBs (Generating new sOlutions 2 and from Space through effective local start-up HUBs) is a European Project to secure the creation and up-scaling of European businesses, offering technology and services in and from the space sector, ensuring value creation and innovation through cross-fertilisation, training, and locally owned through the creation of three Space Hubs in Coimbra (Portugal), Madrid (Spain) and Tallinn (Estonia), strengthening local entrepreneurship, business ecosystems and networks.

The project is financed by the European Union's Horizon 2020 research and innovation programme under grant agreement No 870370. It has a duration of two years, (dec19-nov21) and an overall budget of 1.1M€.

The consortium includes six partners from five different European countries (Belgium, Estonia, Poland, Portugal and Spain) that represent key players in the local and regional start-up ecosystem: Universidad Carlos III de Madrid, Madrid Aerospace Cluster, Technology Partners, Europe Unlimited, Tehnopol and Instituto Pedro Nunes (IPN).

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#Go2SpaceHackathon WINNERS

DUBHE Team:

Yashita Saxena

Igor Casvalho

Eugenio Arellano

S2IC Team:

Adrian Perez

Alan Whiteside

Noelia Flores

Alessandra Porfido

www.go2space-hubs.eu

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Go2Space-HUBs in an initiative within the framework of CASSINI programme.

