Copernicus Hackathon
- virtual event -

Exploiting Satellite Data to Tackle COVID-19

DEMO DAY Sept 28th, 2020

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Copernicus Hackathon Vienna

Exploiting Satellite Data to Tackle COVID-19

September 21st - 25th, 2020 Vienna (virtual event)
Demo Day Sept 28th, 2020 (virtual event)
Apply before September 11th HERE

Be part of the Copernicus Hackathon Vienna and help us tackle COVID-19 using **Earth observation (EO) data and services.** We are looking for **innovative, passionate and entrepreneurial individuals** as well as early stage **startups** in the **SpaceTech and data analytics field**, who want to showcase their expertise in a first prototype. During the virtual 5-day Hackathon, you will get to know other entrepreneurs and scientists from all over Europe, receive valuable feedback from experienced mentors on your product or business idea and have the **chance to win a seat in the Copernicus Accelerator program!**

The final event will take place on Sept 28th, where you will showcase your prototype to a highly curated expert jury.

Challenges

There are 3 challenges to be solved during this Hackathon:

1. How can GNSS and other data be used to track the **movement of people and analyse the spread of corona infections**?

2. How can satellite images be used **at border checks where long queues of lorries are forming** (i.e. DE-PL, PL-LT, HU-RO, etc.) to **analyse and predict traffic patterns** and provide quantified information on delays and the need for action

3. How can **satellite images of air pollution levels** and other indicators/data sources be used to analyse **economic activity, people movement and infection levels** to propose COVID-19 related solutions

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What is included in the Hackathon?

Preparation & Mentoring Week
September 21st-25th (Mo-FR), virtual event

In the preparation and mentoring week, you will learn more about the data and services of the Copernicus program. Further, you will work remotely and flexibly on your prototypes showcases for the demo day. Data access is provided via Virtual Machines (VMs) and there are regular check-ins with technical- and Copernicus experts as well as with Pioneers consultants, to fine tune your prototype and final presentation.

Demo Day
Monday, September 28th, virtual event

On Monday 28th (afternoon), all participants will showcase their prototype to a selected jury of copernicus and data analytics experts as well as a broader audience

Accelerator Program
The winning team of the Copernicus Vienna Hackathon will win a spot in the sought after 12 months Copernicus Accelerator program, incl. mentoring services, 2 bootcamps and remote training throughout the year and access to a pool of leading business and technical experts.

Prizes and Awards
All participants will receive a free membership in the z21 startup club, getting free access to co-working spaces and many more partner benefits.

The winning team will get an extra 250 Euros on top!

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About Copernicus

Copernicus is the European Union's revolutionary Earth Observation and Monitoring programme, looking at our planet and its environment for the ultimate benefit of all European citizens. Thanks to a variety of technologies, from satellites in space to measurement systems on the ground, in the sea and in the air, Copernicus delivers operational data and information services openly and freely in a wide range of application areas

About Pioneers

Pioneers establishes and facilitates direct, meaningful business relationships between early-stage firms, corporate executives, and investors to foster growth and innovation. Operating from Vienna since 2009, Pioneers has built a broad network of local activities in more than 100 countries, with a particularly strong presence in the CEE region

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