

Airbus and Sobloo Announce Finalists of Multi-Data Challenge within Copernicus Masters 2019



Airbus has unveiled the names of the three finalists for the 'Airbus - Sobloo Multi-Data Challenge' organised as part of the [Copernicus Masters](#) 2019. This international competition recognizes pioneering solutions, concepts and ideas for industry and society based on Earth observation data. Annually, different prize categories reward innovative candidates, in the fields of deep learning, big data analytics, smart mobility and industry 4.0.

The 'Airbus - Sobloo Multi-Data Challenge' was especially looking for value-added solutions that use both Copernicus and Airbus Earth observation data. These services should also provide insight and have impact on areas like Natural Resources Consumption, Agriculture, Forestry, Maritime, Defence & Security and Smart Cities. The

selected participants received access to various datasets from OneAtlas Sandbox and Sobloo Platforms, in order to elaborate and test solutions, both technically feasible and commercially viable.

Chosen from the many creative and disruptive projects received, the three finalists are:

- RemotIO-X, which proposes a data-mining algorithm to retrieve ground motions and potential deformation threats. Their project is based on the satellite radar interferometry (InSAR) technology and exploits regular acquisitions of Sentinel-1 and TerraSAR-X.
- TeleCense, which proposes a web service using Copernicus Sentinel satellite images to deliver accurate geo-localised population estimations and demographic trends at a local or administrative scale.
- Sparveon, which proposes Xploradsi, a solution to improve the prospecting of potential geothermal and mineral resources, by accelerating big data processing thanks to AI technology.

The winner will be announced on 4 December during the Space Oscars 2019 in Helsinki, Finland, and will receive prize vouchers to order satellite data and benefit from various support in order to further develop their project:

- € 100,000 to use on the [OneAtlas](#) platform and € 45,000 to use on the Sobloo platform.
- Technical and business coaching from Airbus and [Sobloo](#) experts.
- The opportunity to present their solution to Airbus and Sobloo stakeholders (such as Airbus Ventures and BizLabs).