

Copernicus Masters 2017: Earth Observation Challenge for Digital Transport Applications

The Copernicus Masters BMVI Earth Observation Challenge for Digital Transport Applications invites innovators to develop new transport applications

For the Copernicus Masters Earth Observation Challenge for Digital Transport Applications, the German Federal Ministry of Transport and Digital Infrastructure (BMVI) is looking for new transport applications that exploit the potential of Copernicus in possible combination with other geo-data.

Gilching, 6 June 2017 - Earth observation and big data from Copernicus is a hot topic. A set of systems collect data from multiple sources, such as Earth observation satellites. Reliable and up-to-date information is made available to support and improve a wide range of applications such as environmental protection, management of urban areas, regional and local planning, or transport - just to name a few.

Especially transport is a key sector of our society. Thus, the BMVI is looking for innovative Copernicus-based transport applications at the local, national, Europe-wide, or even global level. As our mobility and the ability to get around continues to increase, transport systems face major challenges, including congestion, infrastructure quality and maintenance, oil dependency, emissions, safety, and competition within the transport sector. Transforming bright ideas into action is the objective of the BMVI – and these is when Copernicus can serve as the catalyst for potential solutions.

Interested persons or parties are encouraged to explore the potential of combining Copernicus data and services with other information, for example transport-related data from BMVI agencies, to create a higher-level product or service. In-situ data sources can include (but are not limited to) near-real or real-time information on traffic, pollution, social interactions, weather conditions, and crowdsourcing. Entries are welcome from individuals, start-ups or established businesses.

The winner or winning team of the Copernicus Masters 2017 BMVI Earth Observation Challenge for Digital Transport Applications will be awarded a cash prize of EUR 5,000 and a support package tailored to the requirements of its realization. Moreover, the winner will benefit from a substantial satellite data quota worth EUR 10,000 made available with financial support by the European Commission.

Startups and other companies, researchers, and students, need to submit their applications or ideas until 30 June 2017 at www.copernicus-masters.com.

This challenge has been issued by the German Federal Ministry of Transport and Digital Infrastructure (BMVI) with support from the DLR Space Administration.

About Copernicus Masters

Earth observation and the big data it produces hold huge potential for the creation of innovative products and services. Myriad industries and areas of public interest stand to profit from the advances of the Copernicus programme. Anwendungszentrum GmbH Oberpfaffenhofen (AZO) has launched the Copernicus Masters in 2011 on behalf of the European Space Agency (ESA) and with strong support of world-class partners as part of their mission to foster the User Uptake of Copernicus services. The Copernicus Masters is an international competition which awards prizes to innovative solutions for business and society based on Earth observation data. The Copernicus Masters has developed into the moving force of promoting cutting-edge solutions. Annually, different prize categories tackle global challenges with revolutionary competition entries in the fields of deep learning, the IoT, big data analytics, smart mobility and industry 4.0 – just to name a few.

About AZO

AZO has established a global network for innovation and entrepreneurship. It supports product innovation and company foundations in the field of commercial space applications along the entire value chain – from the idea all the way to market entry. AZO has extensive experience in organising innovation competitions such as the European Satellite Navigation Competition, the Copernicus Masters (Earth observation), the Space Exploration Masters, the StartupWorld Awards (laser photonics and robotics), as well as the INNOspace Masters (New Space Economy), app developer camps and conferences, and manages ESA BIC Bavaria. More information: www.space-of-innovation.com

Press contact:

Regine Heue
Head of Marketing & Communications
marketing@azo-space.com

AZO
Anwendungszentrum GmbH Oberpfaffenhofen
Friedrichshafener Str. 1
82205 Gilching