

The Winners

FIREHUB

A SPACE-BASED FIRE MANAGEMENT HUB

In the framework of the BEYOND Centre of Excellence's monitoring of natural disasters based on Earth observation, the operational EO-based fire management service FireHub has been developed. The service consists of three pillars: a) 24/7 real-time fire detection and monitoring with a spatial resolution of 500m, b) large-scale burn scar mapping during and after wildfires that populates a unique diachronic inventory and observatory of fire events across Greece, and c) hourly fire-smoke dispersion forecasting. The service is freely available to end-users through a Web-GIS application (<http://ocean.space.noa.gr/FireHub>) and is transferable to diverse sites all over Europe. It is based on Earth observation of very high temporal and spatial resolution provided by Copernicus and contributing satellite missions.



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Anwendungszentrum GmbH Oberpfaffenhofen (AZO) is supporting innovation and incubation in the commercial use of space technologies & infrastructures:

International Innovation Competitions



Satellite Navigation
 Since 2004, the ESNC is rewarding the best services, products, and business cases that use satellite navigation in everyday life.
www.esnc.eu



Earth Observation
 The Earth Monitoring Competition is awarding prizes to innovative solutions for business and society based on Earth observation data.
www.copernicus-masters.com



Service Robotics
 The first international service robotics competition and its distinguished ESA BIC Start-up Award present prizes to outstanding innovations in service robotics.
www.robotics-masters.com



Incubation Centers



ESA BIC Bavaria
 Business incubation for start-ups using space technology, applications, and services in a non-space environment.
www.esa-bic.de



App Developer Camps

In the App Camps, selected app developers are invited to learn how to integrate satellite data into their mobile applications and gain insight into Europe's space programmes.
www.app-camp.eu
www.seamlesscities.app-camp.eu



Network Events

Organisation of conferences and other events in cooperation with key stakeholders in politics, research, and industry.
www.european-space-solutions.eu
www.satellite-masters-conference.eu

