

## Copernicus and Galileo can power your business idea – for free!

## EU support for SMEs



**Copernicus** is the European Union's Earth observation and monitoring programme. Through the use of satellites in combination with ground, air and sea-based measurement systems, it provides vast amounts of data on our planet and its environment.

Copernicus data can be used in a variety of applications. For example, it can help firefighters tackle wildfires, construction firms spot new opportunities, and farmers improve crop yields.

**Galileo** is Europe's global satellite navigation system. It provides improved positioning and timing information. The positioning data provided by Galileo can be used to improve car navigation, air transport, precision farming and much more.

### How will your business take advantage of Copernicus and Galileo?

Benefit from the public and private funding opportunities available to start-ups and small and medium-sized enterprises (SMEs). They can help you develop and commercialise space-based products and services.

**Access to Finance:** access loans and venture capital supported by the European Union  
[access2finance.eu](https://access2finance.eu)

**Copernicus Access to Finance:** find grants, loans, equity capital, accelerators and incubators for your space-related project  
[copernicus.eu/access-to-finance](https://copernicus.eu/access-to-finance)

**Horizon 2020:** learn about the largest ever EU research and innovation programme, with nearly €80 billion in available funding  
[ec.europa.eu/programmes/horizon2020](https://ec.europa.eu/programmes/horizon2020)

**Investment Plan:** find out about the European Fund for Strategic Investments (EFSI), the programme helping finance innovation projects, as well as SMEs and mid-caps  
[ec.europa.eu/invest-eu](https://ec.europa.eu/invest-eu)

### Get support, find partners!

The **Enterprise Europe Network** provides advice and support to innovative companies and helps them grow internationally  
[een.ec.europa.eu](https://een.ec.europa.eu)

### Questions on doing business in the EU?

Visit the Your Europe Business portal  
[europa.eu/youreurope/business](https://europa.eu/youreurope/business)

### Access space data

### Get free EU space data. Use it to develop new products and services

Copernicus provides earth observation and monitoring data  
<http://copernicus.eu/data-access>

Galileo provides global positioning  
<https://www.gsc-europa.eu/>

# SPACE & BUSINESS



#InvestEU  
#EUSpaceStrategy



## TRAX

Satellite navigation for tracking people and objects



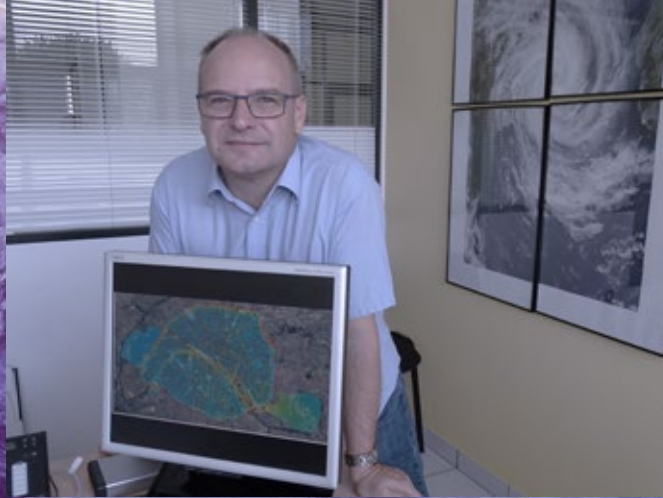
Stockholm-based @traxgps uses @GalileoGNSS to help find lost pets, protect children, track stolen goods, and much more.

Stockholm-based Trax is a leader in personal tracking devices. These devices use global navigation satellite systems to provide users with the location of an object or person. They can be utilised to help find a lost pet, monitor elderly family members suffering from dementia, keep children safe, or even track down stolen goods.

Trax products originally relied on the GPS and Glonass satellite systems, but the company decided to also start using Galileo following the launch of Initial Services in late 2016. The addition of Galileo to the tracking mix will improve the reliability of Trax devices. It will also help deliver more accurate tracking information in urban environments, an area in which Galileo is particularly effective.

## NUMTECH

Monitoring air quality in cities at street level with Copernicus



French start-up @numtech\_air uses @CopernicusEU data to help address health risks caused by air pollution in cities.

French start-up NUMTECH specialises in atmospheric simulations. Three years ago, they began using Copernicus data to develop Urban Air, a product that provides high resolution imagery that helps evaluate air quality in cities. Urban Air is used by municipalities and organisations all over the world responsible for monitoring air quality. It enjoys especially high usage in Europe and North America.

About 10% of Urban Air's data comes from Copernicus. In particular, Copernicus provides most of the data used to analyse background pollution.

## BUILDING RADAR

Using Copernicus to remotely monitor construction sites



With @CopernicusEU data, German start-up @BuildingRadar lets companies monitor construction sites and identify potential issues in advance.

German start-up Building Radar uses earth observation data, in particular from Copernicus, to provide construction-related information such as site location, project phase and building size to prospective customers such as construction companies and maintenance firms. One application developed by Building Radar gives companies an immediate overview of work progress, which can help them identify potential issues in advance.

Building Radar helps clients save time, while increasing revenue and sales performance. On average, Building Radar enables its users to save three hours per day and €60 000 per year. The company estimates their potential global market at more than €70 billion.

In 2015, Building Radar won the Copernicus Masters Grand Prize.