



Incubateur Paca-Est  
Innovater, Entreprendre



## GALILEO MASTERS

European Satellite Navigation Competition 2011

A smartphone application helping to reduce the consequences of earthquake disasters is announced Nice-Sophia Antipolis regional winner

*It is now possible to be alerted the very second an earthquake starts using mobile technologies and smartphones with Quakeup, a French solution invented by experts in emergency management and a group at the forefront of innovative technologies.*

Nice-Sophia Antipolis, 26 October 2011 - Team Côte d'Azur, with the support of the Sophia Antipolis Foundation congratulates Quakeup, the winner of the 2011 Regional Galileo Masters from the Nice-Sophia Antipolis Challenge. The result of a partnership between CoRisk International, SmartSystem and Prévention2000, on 20th October in Munich, the international scientific community acknowledged this French innovation by awarding it the regional prize in the Nice Sophia Antipolis Challenge of the EUROPEAN SATELLITE NAVIGATION COMPETITION.

### QuakeUp: an innovative mobile application developed in Sophia Antipolis

Earthquakes such as the one that happened recently in Turkey cause thousands of deaths (700,000 deaths over the last 10 years) because most victims often do not react, not having understood in the initial seconds, that there was an earthquake taking place.

With **QuakeUp**, the warning is given in the first seconds of the earth tremor. The smartphone then automatically becomes a GPS distress beacon that can be used to guide rescuers.



The result of a partnership between **CoRisk International**, **SmartSystem** and **Prévention2000**, this French innovation is a small technology "jewel" that could save tens of thousands of lives across the world.

The project was **developed and supported in Sophia Antipolis** and has already attracted the attention of the UN, the WORLD BANK and the RED CROSS.

### The Côte d'Azur, a region of excellence for geolocation services

For many years, the Côte d'Azur has been a leader in the aeronautics and space industry and particularly in satellite navigation applications (Satnav Cluster). The industry accounts for 35,000 jobs in the PACA region and brings together almost 2,000 researchers within large international groups and young innovative companies. To continue to supply a pool of talents, the 4 engineering schools and the Côte d'Azur-based university have set up specially designed teaching programmes to support companies' recruitment needs.

Structured around the Cannes head office of Thales Alenia Space, the world's leading satellite manufacturer, the industry is now extending to companies that develop applications for mobility intended for road, air and sea transport and new geolocation services. This cluster also relies on the telecoms expertise of companies located on the Côte d'Azur and the European Telecommunications Standards Institute (ETSI) based in Sophia Antipolis.

There are also 5 competitiveness clusters in the PACA region directly involved in satellite navigation activities: **the "Secure Communications Solutions" Cluster** dedicated to microelectronics, software, telecommunications and multimedia; **the "Sea" Cluster** specialising in marine technologies and biotechnology; **the "Photonics" cluster** focused on complex optic and imaging systems; **the "Natural risk and technological management and regional vulnerability" cluster**; **the "Pégase" cluster** for the aeronautics and space sector. These clusters promote the development of innovative solutions through partnerships between large companies, start-ups and research institutes. A cross-fertilisation approach which is the foundation for the success of Sophia Antipolis.



## A competition that has strengthened the region's excellence in the "mobility" industry

The European Satellite Navigation Competition, more commonly known as the Galileo Masters, was organised for the 8th consecutive year. During this event, companies, entrepreneurs, research institutes, universities and individuals from over 20 regions across Europe and the world compete. It awards the most innovative projects and ideas in the field of satellite applications related to Safety, Intelligent Transport Systems (ITS) and Mobile Telephones.

**The Nice-Sophia Antipolis region is one of two entry points for the selection of national projects.**

Together, Team Côte d'Azur and the PACA-EST incubator (which is involved with the competition for the first time) with the support of the Sophia Antipolis Foundation have coordinated the Nice-Sophia Antipolis Challenge, which selected QuakeUp as the 2011 Regional Galileo Masters Winner.

The Alpes-Maritimes Departemental Council which has historically supported Nice-Sophia Antipolis' participation in this competition, awards the regional winner with:

- **The availability of 6 months free of charge at the CICA premises in Sophia Antipolis**
- **10 consultation days to transform the idea into a corporate project**

Please note: for this 2011 event, the Nice Sophia Antipolis regional winner will receive free membership of the SCS competitiveness cluster.

*"With this competition, Team Côte d'Azur's main aim is to identify the creators of international companies with high potential who will be the 'region's future success stories'.*

Jean-Pierre Mascarelli, Chairman of Team Côte d'Azur

*"This will increase visibility and attract project sponsors in the field of satellite navigation and, more broadly, geolocation services on mobiles which remains one of the region's core targets."*

Jean-Claude Dardelet, Vice President European Business at Thales Alenia Space and Jury President

### **The Côte d'Azur, at the forefront of mobile technologies and services**

In recent years, the Côte d'Azur region and Sophia Antipolis, the leading European technology park (over 30,000 jobs) in particular, has positioned itself as the "French Silicon Valley" by developing a leading "mobility" ecosystem. The area helps companies to meet their innovation challenges with the entire value chain in new technologies, from electronics to green technologies, including aeronautics, space and even health.

Indeed, here information and communication technology companies can interact with traditional industries (energy, transport, medicine, banking, administration, etc.) and improve tests with users.

So, the Côte d'Azur is inventing the mobile technologies and services for the digital uses of today and tomorrow, through its ecosystem which covers the entire mobility value chain: the development of electronic chips and semi-conductors, the management of high-speed mobile networks (3G, 4G/LTE), the design of contactless mobile services (RFID, NFC, Bluetooth) and embedded systems and the production of mobile applications and services.

#### **An ecosystem that attracts large companies and start-ups from the mobility sector**

Through its ecosystem, the Côte d'Azur and Sophia Antipolis attract an increasing number of international investors in the mobility sector. Every year, Team Côte d'Azur the region's promotion and economic development agency, attracts and supports the majority of companies that establish R&D and/or services centres in mobile communications.

For example, last year, Intel decided to base one of its three Ultra Mobility Groups in Sophia Antipolis. Icera and ARM also extended their success stories in the region, the first by creating a new development centre for 4G modem chips, the second by continuing its investments in R&D. More recently, start-ups such as Mobibase and Yellow Tags have chosen to develop their business on the Côte d'Azur.

PRESS RELEASE



## Previous Nice-Sophia Antipolis Galileo Masters winners

### Robocortex, winner of the 2010 Nice-Sophia Antipolis Regional Prize

An Inria spin-off and part of the Paca-Est incubator, Robocortex develops and markets vision-based software location solutions. To deal with the difficulty of finding parking spaces in built-up areas, Robocortex has developed a simple and innovative solution, the combination of a GNSS with computer-vision technologies.

*"We design our software to satisfy the major interaction requirements in mobile situations, both for a user with a smartphone and a robot with a mobile embedded system. Information technologies are continually evolving towards mobility and we are pushing our developments in this direction by marketing solutions that can be used to produce new applications with increasingly greater constraints in terms of mobility",* says Manuel Asselot, VP sales and Marketing at Robocortex.

### Atmosphère, winner of the 2009 Nice-Sophia Antipolis Regional Prize

Created in September 2008 by Jean-Marc Gaubert, the company, a spin-off from the Thalès group, was awarded for its COMET project, a solution that develops the sharing of in-flight data for general aviation.

Specialising in technologies and applications for air traffic, Atmosphère wanted to develop a collaborative network using in-flight data exchange by on-board boxes on business jets and helicopters. Such a system can be used to signal phenomenon noticed by pilots in flight and relay information in real-time to control centres, weather centres, etc.

The young company is now based in the centre of Aerospace Valley and works closely with the industry's major aerospace organisations (Thalès, Airbus, CNES, ESA).

**The Paca-Est Incubator** is the public incubator for innovative company projects accredited by the Ministry of Research and Higher Education for the Alpes-Maritimes and Var.

Created in 2001, it is subsidised by the Minister responsible for Research, Europe, the PACA region and the Alpes-Maritimes and Var Departemental Councils, the Nice Côte d'Azur and Sophia Antipolis Urban Communities, Azur Provence Cluster and Toulon Provence Méditerranée and the INPI (French National Institute for Industrial Property).

Founded and supported by the University of Nice-Sophia Antipolis, the University of Sud Toulon-Var and INRIA Sophia-Méditerranée, it aims to promote expertise and the transfer of technologies from university laboratories and public research bodies through the creation of innovative companies and high value-added jobs across the region.

It **supports and assists projects arising from or in connection with French public research**. In order to do so, it offers **customised assistance, training, the allocation of a financial budget** throughout the incubation period (24 months maximum) and **accommodation facilities**.

[www.incubateurpacaest.org](http://www.incubateurpacaest.org)

**Team Côte d'Azur** is the Côte d'Azur's economic promotion agency, created by the Alpes-Maritimes Departmental Council and the Nice Côte d'Azur Chamber of Commerce and Industry. The purpose of Team Côte d'Azur is to promote the region on international markets and help new, French or foreign companies establish offices in the area. Team Côte d'Azur gives investors access to a comprehensive range of services so they can discover the Côte d'Azur, a **leading, innovative and international area** and ensure the best success for their teams based here. Today, the Côte d'Azur and the Sophia Antipolis technology park are promoted internationally by Team Côte d'Azur as the leading locations for R&D investments for foreign companies. The agency also promotes the Eco-Valley as a new location for decision-making centres and green industries. Finally, in 2011, the future AromaGrasse and Bastide Rouge (Cannes) business parks will be subject to action plans regarding natural industries and the multimedia sector respectively.

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