



The ESA Business Incubation Centre (BIC) Lazio in Italy was founded in 2005 and is managed by the Italian company BIC Lazio SpA. ESA BIC Lazio offers business start-up support as well as technical expertise throughout their incubation period in a number of space related areas. It is located at the business incubator ITech in Rome, Italy, which is situated near the European Space Research Institute (ESRIN) in Frascati, Italy.

Spazio Futuro

European Micro Metereology for Aircraft



Website

Founded in 2014 by

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Incubation period

15-07-2017 to 14-07-2019



space solutions

About Spazio Futuro

SPAZIOFUTURO is an innovative start-up that was born in Rome in September 2014 with the aim of developing and implementing advanced technology solutions for general aviation, space, defense and security.

To become the main actor in management and coordination of meteo services through the distribution of EMMA in Europe and Russia.

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The challenge

The business idea concerns the offer of a solution to European pilots of Ultralight and General Aviation aircrafts continuously requesting availability of aviation weather forecast data for flight planning and real-time data updating during the flight. EMMA (European Micro Meteorology for Aircrafts). The system architecture needs positioning and navigation information from GNSS constellations, Earth meteorological data processing and telecommunication satellite link for real-time weather data transfer to the aircrafts.

The solution

“EMMA Service provides forecast and realtime Aviation Weather Data to General Aviation Pilots.

Unlike other similar products, which are often limited to Data only over major airports, EMMA Service provides a wide set of Weather Data along the Flight path, in altitude, and with high geographical and temporal resolution.”

To offer a solution addressed to European pilots of Ultralight and General Aviation aircrafts, continuously requesting availability of aviation weather forecast data for flight planning and real-time data updating during the flight.
