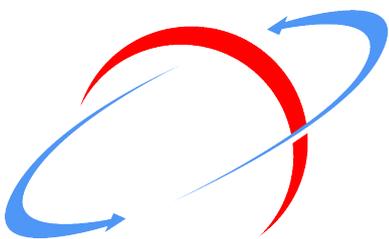




The ESA Business Incubation Centre (BIC) Portugal opened in November 2014 and is managed by the University of Coimbra's Instituto Pedro Nunes (IPN), in collaboration with Science and Technology Park at University of Porto and DNA Cascais. Local partners include the University of Coimbra, Comissão de Coordenação e Desenvolvimento da Região Centro (CCDRC), Portugal Ventures, FNABA, DNA Cascais, the University of Porto and several polytechnic institutes. The three ESA BIC Portugal host offices are located in Coimbra at IPN, in Porto at the Science and Technology Park of University of Porto, and in Cascais (near Lisbon) at DNA Cascais. Over the first five years, the ESA BIC Portugal will support 30 Portuguese start-up companies, providing a financial incentive along business and technical support, creating at least 240 local high-tech jobs. In total, the start-ups will receive €1.5 million as seed incentive and be able to tap into an additional €7 million in support.

D-ORBIT PT

Maximizing Space Asset Value



D-ORBIT

Website

Founded in 2014 by

- **Luca Rossetini**

Incubation period

01-09-2015 to 30-08-2017



space solutions

About D-ORBIT PT

D-Orbit aims to provide reliable decommissioning solutions for the next generation of spacecraft and launcher stages, committing to the business of promoting a durable and efficient growth of outer space resources. In Portugal, D-Orbit PT aim is the development of all the necessary software for D-Orbit's missions and also to develop nanosatellite solutions to tackle the emerging and highly demanding Cubesat market.

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The challenge

PROBLEM #1: Limited data coverage of the middle layers of the atmosphere, relying heavily on remote observation.

PROBLEM #2: Cubesat satellites are lacking independent propulsion means.

The solution

D-Orbit Atmosphere Analyzer will provide higher accuracy for meteorological and telecom predictions. With the data provided the weather prediction time may be increased, giving more time to the population to adjust to incoming weather forecasts. This has very powerful social effects, as people might have a longer time-frame to prepare themselves and their assets. In the telecommunications field, a better understanding of the environment will help to boost the efficiency.
