The ESA BIC Sud France opened in 2013 and is managed by Aerospace Valley. The center is located in three regionsin the south of the France (Nouvelle Aquitaine, Occitanie, PACA) , offering entrepreneurs support and technical expertise for the the creation of innovative start-ups. ESA BIC Sud France is composed of the following members providing the best support to business creators: Six support structure: ESTIA Entreprendre, Bordeaux Technowest, CEEI Théogone, Midi-Pyrénées Incubator, BIC Montpellier Mediterannée Metropole and PACA-Est Incubator Two aerospace competitiveness clusters: Aerospace Valley and Safe The French Space Agency : CNES.

Earth Cube

Earthcube's ambition is to enable automatic global monitoring of any location on Earth.

Website

Founded in 2016 by

- **Renaud Allioux**

- **Arnaud Guérin**

Incubation period

01-04-2016 to 31-12-2016

Alumni

About Earth Cube

Founded in 2016 by Arnaud Guerin & Renaud Allioux, Earthcube is based in Toulouse, Paris (France) and Harwell (UK) and strong of 15 employees, including engineers and PhDs with expertise in satellite earth observation and state of the art artificial intelligence methods.

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The challenge

Earthcube's initial idea came as Arnaud and Renaud discussed the potential to use satellite imagery to monitor extended critical infrastructures such as oil & gas pipelines. Arnaud used to work in the energy industry and was aware of the need for appropriate monitoring solutions. With Renaud, a former Airbus DS engineer, they combine a strong expertise on industrial asset monitoring and earth observation.

Earthcube developed in 2016 with the support of Lionel Moisan, an expert globally recognized in change detection, a proprietary solution to automatically detect anormal changes in time series of satellite images. The technology we developed combines deep learning and computer vision technics.

The solution

We decided to focus our development at first on two types of industries : the oil and gas industry and the security & defense industry. This second type of customers represent the largest share of today's satellite imagery market and they are in need of increasing analysis automatization.

Additionally, we believe we can leverage the technology we developed for our current

customers to other market segments such as economic intelligence. We decided to focus our development at first on two types of industries : the oil and gas industry and the security & defense industry. This second type of customers represent the largest share of today's satellite imagery market and they are in need of increasing analysis automatization.