



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.

Horizontal cities

Make Cycling Easier



Website

Founded in 2015 by

- **Kobe Vanhaeren**
- **DIOGO WIRCKER DOS SANTOS SIMÕES**

- **PEDRO JORGE SIMÕES FERNANDES**

Incubation period

29-11-2016 to 28-11-2018



space solutions

About Horizontal cities

Cycling navigation app for cycling in urban areas, embedding a MAPPING TECHNOLOGY that allows its users to navigate along the MOST ENERGY EFFICIENT ROUTES, based on the personal profile of the end-user, and to MONITOR the Energy Consumption.

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The challenge

Horizontal cities creates exiquable solutions to promote bicycle use within cities, both for tourists, students and other inhabitants for a sustainable environment.

The solution

Highly detailed and reliable routes that are calculated using the grade changes of the paths. The algorithm used for finding these routes also considers other variables that make our solution unique in providing energy efficient routes.
