Climate-KIC Startup Accelerator 2016

Startups in Portugal

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BirdTrack - Strix

"Protecting birds and investment in wind energy"

BIRDTRACK
RADAR DETECTION & TRAINING

Description

Birdtrack is a radar based technology for wind energy project development and operation in bird sensitive by optimising wind farm's high availability and production while protecting birds.

Birdtrack automatically alerts the SCADA system for selective turbine shutdown.

We reduce production loss from forecasted bird fatalities down to almost zero during the period of operation of the wind farm.

The best wind energy sites are also used by birds as migratory flyways.

Wind sites face significant community opposition or environmental restrictions if migratory birds are killed.

Developers can reduce their reputational risk and production loss with Birdtrack.

Team Members

Miguel Repas, Co-founder and CEO (Biologist, Environmental and Sustainability Specialist)
Edgar Secca, Co-founder and CFO (Electrotechnical Engineering)

Founding Year
2016

Industry Sector
Clean Tech - Wind

Website
www.strix.pt

Contact Person
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Casas em Movimento

"Smart structure that follow the Sun"

Description

Have you ever imagined a building rotating like a sunflower, following the Sun? And enabling you to choose your view at any time of the day, according to your preference?

Casas em Movimento is a world-innovator company for rotational buildings. It embeds a new concept of living architecture, which integrates innovation and sustainability.

-Buildings that can rotate 180 degrees;

-Roofs that can pivot 90 degrees, casting shadows on the windows during the summer, and exposing the windows to the Sun during the winter;

-User can have control over the structure with mobile interfaces, such as smartphones;

-Spaces that dynamically adapt to its user's needs.

These technologies are already tested and patent in 77 countries.

Team Members

Manuel Vieira Lopes, Founder and CEO (Architecture, Environmental Design)
Guilherme Silva, Executive Assistant (Economy and Marketing)
Elisa Soares, Project Manager (Civil Engineer)

Founding Year
2011

Industry Sector
Smart Cities

Website
http://www.casasemmovimento.com/

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Fibersail

"Shaping the structures of tomorrow"

FIBERSAIL
Shaping the structures of tomorrow

Description

A continuous and automated real time shape monitoring service for the condition and behaviour of wind turbine blades with a simple and efficient way of integration.

Fibersail is a shape sensing system based on FBG fiber optic research to monitor and analyse windmill blades in terms of shape, condition and behaviour. The real-time information provided will help wind turbine operators to maximize performance and availability while preventing failures and maintenance costs from their windmills.

Our unique solution and approach with fiber optic sensors, makes it possible for a very easy and simple integration along the entire length of any critical structure to the monitoring of its precise shape and behaviour.

We are a team of enthusiastic developers and passionate entrepreneurs that love what we do, sharing a common vision, that, in the future, structures will be smart enough to maximize their performance, efficiency and safety.

Team Members

Pedro Pinto, Co-founder and CEO (IT and Management)
Pedro Ferreira, CINO (Structural Engineering)
Jorge Rosa, Web Developer (IT and Management)
António Vaz, R&D (Physics Engineer)

Founding Year
2015

Industry Sector
Clean Tech

Website
http://www.fibersail.com/

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ISSHO 3D

"Giving shape to furniture."

Description

Your customers want to be unique. The media tells you so, they tell you so, and you know it. But there's no way to do it cost effectively. Unique pieces need to be customized, and customization is expensive. Too expensive to be used at scale.

ISSHO Technology was born to solve that problem for you. By partnering with Microsoft, Primavera BSS, MIT Portugal and many others, the 3D Configurator tool that makes your life easier was borne. The 3D Configurator combines the versatility needed for your furniture manufacturing with processes that save you time and improves efficiency, more than you though possible! In the time it takes to model your clients order, the 3D Configurator will prepare your quote, material cost, customer mockup, machine instructions and much more!

Customers get the safety of seeing the order in minutes, while manufacturers like you become 8 times faster quoting and planning a production with no mistakes. That's innumerous hours to get you more customers and live life well.

Team Members

Mauro Reggla, Co-founder and CMO & President
André Sousa, Co-founder & CEO
Sandrina Carvalho, Customer Success
Adelino Amaro, Product Management

Founding Year
2013

Industry Sector
Enterprise IT

Website
http://www.isshotechnology.com/

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prsma

"Giving energy efficiency and control back to the families"

Description

Prsma is a company created by a M-ITI team associated with an entrepreneur from the electronics industry, to commercialize "ENERGY SPECTRUM", a system developed and tested in the framework of a success research project. Our team encloses experts in information technologies, energy, psychology and experience in entrepreneurship.

Our sensing system is capable of disaggregating home energy consumption using a low-cost and effective non-intrusive approach.

The sensing system is coupled with a middleware web system that supports novel eco-feedback strategies that are meaningful and compelling for families and households.

Team Members

Nuno Nunes, Chief Scientist (IT Engineering, PhD)
Lucas Pereira, Machine Learning Lead (IT Engineering, PhD)
Filipe Quintal, Software Development Lead (IT Engineering, PhD)
Augusto Esteves, Hardware Development Lead (IT Engineering, PhD)
Mary Barreto, User Experience Lead (Human Computer Interaction, PhD)
Paulo Brazão, Sales and Customer Lead (IT Engineering, MEng.)

Founding Year
2015

Industry Sector
Smart Cities, Energy

Website
http://www.prsma.com

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Sensefinity

"SaaS for proactive Cold Chain Management"

Description

With Sensefinity you get the complete solution, Hardware, Communications and Cloud. You can monitor your devices with localization by GPS, GSM Cells triangulation, or even Indoor localization. You know exactly where they are, where they were and be alerted if they leave they're predefined area. With Sensefinity's solution you can get indoor localization in your own space, and know where your devices are located. Within 5 minutes you can run your IoT solution. You can receive your alarms in your laptop, email, phone, you just need to configure and relax. Depending on your solution needs, your devices can be plugged, or can have from 1 day to a couple of years between recharges. You can access your data in Sensefinity's cloud, Machinates.

Team Members

Orlando Remédios, Co-founder CEO
Marco Marques, Co-founder CTO
Tiago Nascimento, Co-founder Software Engineering
Tiago Andrade, Co-founder Architect
Rui Pires, Firmware development, security
Filipe Pires, CDO
Carlos Costa, Firmware Developer
João Ambrósio, Systems Engineer

Founding Year
2013

Industry Sector
Industry 4.0

Website
https://www.sensefinity.com/

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WattIS

"Generating Knowledge to foster energy efficiency"

Description

Watt-IS is a data analytics startup company focused on delivering energy efficiency to households and small and medium-sized enterprises (SMEs). Through the development of intelligent and self-learning data analytics tools, along with user engagement platforms, we aim to increase user satisfaction levels, reduce churn rates and deliver new revenue streams to energy utilities and Energy Service Companies (ESCO's).

Based on our data analytics and energy efficiency skills, we can provide finer customer segmentation, evaluation of Demand Side Flexibility potential and better tailor specific value added services that can foster new sources of income for energy utilities.

Team Members

Miguel Carvalho, Co-founder
Henrique Pombeiro, Co-founder & COO (Sustainable Energy Systems, PhD)
Diogo Frazão, Software Engineering, (Computer Science and Networks, MSc)
Gonçalo Almeida, Software Developer (Communication Networks, BSc)
Carla Reis, Web Developer (Computer Science and Informatics, BSc)
David Silva, Web Developer (Engineering of Graphic Computing and Multimedia, BSc)
Tiago Nunes, Designer (Communication and Visual Design)

Founding Year
2012

Industry Sector
Smart Cities, Energy

Website
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WatGrid

"IoT for liquid monitoring"

Description

The most recent focus of WatGrid has been WineGrid, which is at the fore front of precision oenology. It is basically an eye inside the wine and in real time as:

-It has multipoint control

- Provides real time monitoring

-Has wireless system

-Provides multi parameter

It is secure, flexible, with computational platform and user friendly dashboard.

Providing predictive analysis, traceability through a mobile app with alarms and profile detectors, WineGrid allows a better and more effient product of high quality wine.

Team Members

Rogério Nogueira, Co-founder & CEO (Physics, PhD)
Lucia Bilro, Co-founder & CTO (Physics, PhD)
Francisco Amorim, Sales (Business Management, BSc)
Mariana Figueira, Industrial Designer (Designer, BSc)

Founding Year
2013

Industry Sector
Industry 4.0

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