



Demo Day

Startups dossier

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INCORPORATION
2020

INDUSTRY
Agrotech

ODS



CITY
Barcelona, Spain

IMPACT AREA
regenerative agriculture



FUNDING
151.725 €

Azolla Projects

They measure and monetize the positive impacts of Regenerative Agriculture.

PROBLEM

Solve ecosocial problems such as mitigation and adaptation to climate change, loss of biodiversity, soil erosion and desertification, among others.

SOLUTION

Through technology, they capture CO2 and generate carbon credits of economic value for farmers, facilitating their sale to companies that seek emission neutrality, achieving a certified, traceable, local, social and environmental impact.



INCORPORATION
2016

INDUSTRY
Biotechnology

ODS



CITY
Valencia, Spain

IMPACT AREA
Circular economy



FUNDING
1.747.200 €

Darwin Bioprospecting Excellence

Bioprospecting of microorganisms and biomolecules for disruptive applications

PROBLEM

The circular economy is key to addressing various global challenges, such as climate change and pollution. This model, based on the three Rs (reuse, recycle and reduce) aims to optimize the use of resources and reduce the impact of the different production processes on the environment.

SOLUTION

Darwin focuses on the isolation, characterization and production of microorganisms with a wide variety of applications, for example in the food industry (yeasts for the production of bread or fermented drinks) and in agriculture (bacteria that promote plant growth). At Darwin they design each project according to the client's needs and use personalized sampling, cultivation, sequencing and production strategies.



INCORPORATION
2019

INDUSTRY
SaaS

ODS



CITY
Castelló, Spain

IMPACT AREA
Social inclusion



FUNDING
852.000 €

Naria Digital

Naria provides social inclusion and food security through technology.

PROBLEM

Food waste together with social assistance focused on physical donations of food where people at risk of exclusion do not select the food they would like to obtain. All this, together with the logistics processes related to food that generate an increase in the negative impact on the environment.

SOLUTION

Social economy company that provides a digital blockchain traceability platform which interconnects all the agents and tools involved in the third sector, combining food circularity and safety on a single place.



INCORPORATION
2020

INDUSTRY
Forest

ODS



CITY
Madrid, Spain

IMPACT AREA
Sustainable agriculture



FUNDING
271.000 €

ForestChain

SaaS for traceability based on Blockchain and digital passport

PROBLEM

ForestChain's mission is to promote forest sustainability by helping companies become certified and pass audits and inspections and, on the other hand, valuing their efforts to implement sustainable practices, connect the forest with end customers, buyers of wood products and pass on the message of legality and sustainable wood.

SOLUTION

ForestChain is a blockchain-based SaaS digital traceability platform for the timber industry, to ensure timber traceability, compliance with legal requirements, facilitate sustainable forest certification and improve company management and productivity.



INCORPORATION
2020

INDUSTRY
Industry 4.0

ODS



CITY
A Coruña, Spain

IMPACT AREA
Retail Future



FUNDING
Bootstrapped

Gradhoc

Platform for energy efficiency and environmental solutions

PROBLEMS

CO2 emissions affect all humanity and within industry and commerce is where there is a majority consumption.

SOLUTION

A vertical refrigeration platform that, with the experience and algorithm optimization of facilities and consumers in the industry, reduces consumption between 15-60% and CO2 emissions in proportion.



INCORPORATION
2017

INDUSTRY
Health

ODS



CITY
Pamplona, Spain

IMPACT AREA
Specialized nutrition



FUNDING
2.150.000 €

Nucaps Nanotechnology.

Biotech Co.
Microencapsulated
Protein Functional
Ingredients

PROBLEM

Food-related diseases (hypertension, obesity, diabetes, etc.) are already the main cause of death in the world; about 20% of deaths are related to poor diet, more than 11 million deaths a year and 80% of the population have difficulties accessing healthy food and diets (due to economic, cultural, logistical or lifestyle factors). of life).

SOLUTION

Nucaps has developed an industrial application of a new encapsulation solutions based on the use of food proteins (GRAS) for oral administration and controlled release of bioactive substances, probiotics, drugs and/or microorganisms. They improve people's health by helping to produce better foods, supplements, and medicines by making nutritional ingredients stable, easily absorbed, healthy, and natural.



INCORPORATION
2020

INDUSTRY
Environmental solutions

ODS



CITY
Barcelona, Spain

IMPACT AREA
Circular economy



FUNDING
2.100.000 €

Plastics

NFT marketplace for plastic recovery guarantees

PROBLEM

90% of all plastic debris entering the oceans via rivers comes from just a few hundred rivers in Asia, Africa and Latin America. Plastic pollution has reached a critical point. Ecosystems are collapsing and human health is at risk. The urgency is here, and we must act now.

SOLUTION

Through a verifiable and transparent plastic credit platform based on blockchain and NFT technologies, they allow companies to directly support recovery projects in regions that lack the infrastructure to remove plastic waste from the environment.

Oscillum

INCORPORATION
2019

INDUSTRY
Food tech

ODS



CITY
Alicante, Spain

IMPACT AREA
Circular economy



FUNDING
400.000 €

Oscillum Biotechnology

Smart labels to monitor the state of food

PROBLEM

Food waste has a huge environmental impact of around 4,400M tons of CO₂eq emissions every year. On the other hand, food safety is also one of the biggest concerns in the industry, affecting up to 15% of its profits due to problems in this matter that also harm its brand perception.

SOLUTION

Biotechnology company that develops sensors for the agri-food industry. Oscillum has developed SmartLabel, an intelligent label that is placed in contact with food and is capable of alerting about the state of decomposition/freshness of that product through a simple change of color.



INCORPORATION
2020

INDUSTRY
Blockchain

ODS



CITY
Valencia, Spain

IMPACT AREA
Retail Future



FUNDING
Bootstrapped

Swearit

They enable any organization to manage transparency throughout the product lifecycle

PROBLEM

Consumers want to know that all the benefits or attributes that a product claims to provide are true (homemade, organic, ecological products, etc.). While the different changes in the community regulations on labeling expose distributors to sanctions.

SOLUTION

With a platform that contributes to improving the credibility of brands in front of the consumer, Swearit promotes transparency through the exposure of the traceability of a product, providing evidence backed by Blockchain technology.



INCORPORATION
2020

INDUSTRY
Health

ODS



CITY
Barcelona, Spain

IMPACT AREA
Health & Wellness



FUNDING
780.000 €

Sycal Medical

Early-stage diagnosis of cancer in the abdomen through imaging

PROBLEM

Up to 21% of the population have an injury to the pancreas, but only 37% of people are diagnosed. These lesions are difficult to find, since they are asymptomatic and locating them depends on the radiologist's experience in seeing an imaging test of the patient (CT or abdominal resonance) when he has come to the hospital for any reason unrelated to the pancreas.

SOLUTION

A software based on Artificial Intelligence and Big Data for the analysis of medical images (CT and MRI) that locates, parameterizes and classifies pancreatic cystic lesions, helping to minimize the number of current undiagnosed cases.