BIND 4.0

Basque **Open Innovation** Platform

6TH EDITION
OPEN INNOVATION & ACCELERATION PROGRAM

2022 CATALOGUE

CONTENTS

Fostering Innovation Throughout

6 Successful Editions 2017-2022

With 6 editions of proven success, BIND 4.0 helps implement mutually beneficial Startup-Corporate collaborations. The renowned Open Innovation Platform has two startup programs devoted to enhancing the digital transformation of established corporate companies and SMEs, in addition to increasing the growth of technology startups through real projects and reference customers. The BIND 4.0 Open Innovation & Acceleration Program has developed more than 240 Industry 4.0 projects and accelerated over 160 Tech Startups, so far.

The public's interest in BIND 4.0 keeps increasing as shown by the 6th edition's data, with over 770 applications, the highest number to date. What's more, the program has attracted talent from around the globe, having received applications from 6 continents and more than 80 countries. With its reputation for supporting and improving the business ecosystem, BIND 4.0 has undeniably established itself at an international level, as a benchmark accelerator for advanced industrial projects.

The symbiosis of open innovation is undeniable, corporate resources, processes and means combined with startup agility, focus and speed. The successes achieved by the BIND 4.0 Open Innovation Platform have consistently attracted the attention of companies of all sizes, based in the Basque Country. In fact, along with the

growing number of startup applicants, each year the total number of corporate clients increases.

In this 6th edition, more than 65 innovative corporations have chosen BIND 4.0 to identify and deliver groundbreaking startup solutions. Year after year, our corporate clients show their unrelenting commitment to innovation by believing in BIND 4.0 and our mission to enrich the Basque Advanced Industrial ecosystem. Open Innovation through collaboration with startups remains a priority for the BIND 4.0 Corporate Venture Clients.

As we expand to meet the needs of the marketplace, BIND 4.0 continues to grow & evolve. In the 6th edition, we noticed that trends were changing and new technologies were emerging that we needed to incorporate into our roster. 40% of registered projects were committed to technologies such as the Internet of Things, Artificial Intelligence and Big Data to develop their solutions. More specifically, in the 6th edition, startups have developed vision-based intelligent automation, nanotechnology to reduce energy consumption, industrial use drones, recovery of waste as a raw material, image-based smart meter reading, a telerehabilitation platform, cold chain traceability, personal data anonymization SaaS, and machine vision for quality control, among others. The technologies we incorporate help us move towards a more intelligent, efficient and sustainable industry in the future.

BIND 4.0 Key Performance Indicators

The Open Innovation and Acceleration Program lasts 24-weeks and startups keep reaping the benefits of their work long after. Our executive education and training sessions help Founders establish strategies and procedures, providing transferable skills for their next B2B relationships. Since the BIND 4.0 program is intended to make deep rooted business connections, 60% of the participating startups continue to work with the Corporate Client companies after the program ends.

Overall, startups double their income one year after their graduation on account of the business connections made through BIND 4.0, and the program has generated over 7M€ in turnover for startups.

These impact figures are due to not only the market-validation with a big name reference client, but thanks to

the immersive events scheduled. BIND 4.0 startups regularly network with main players in the Basque ecosystem, participate in key industry events, meet Venture Club Investors and get in-depth training and mentorship.

Since 2017, BIND 4.0 has been supporting young companies with their journey into the Basque Industrial and Entrepreneurial Ecosystem and has been internationally recognized for its efforts. One of the successful stories of the BIND 4.0 program, has been the European Commission Award received for Improving the Business Environment. By supporting businesses and boosting the local ecosystem through collaborative digital transformation projects, together, we're pushing innovation forward.

x2
startups
double billing

6/10
sign second
contract

98%
business
survival

14
new clients
per startup

7M€
Real
turnover

160+
startups
impacted

45K
average contract
amount

240+
projects
developed

65+

CORPORATE VENTURE CLIENTS

AERnnova

ArcelorMittal

arteche

BATZ

Biele

BRIDGESTONE

CAF

CELSA GROUP

CIE Automotive

cikautxo GROUP

DANOBATGROUP

edp

eika

elecnor

enagas

ERHARDT

ERREKA

euskaltel

fagorederlangroup

Gestamp

GH CRANES & COMPONENTS

HITACHI Inspire the Next

IBERDROLA

Ingeteam

ITP Aero

MAiER

Mercedes-Benz Fábrica Vitoria

MICHELIN

MONDRAGON

Hettich

ONNERA GROUP

Orona

REPSOL Petronor

rpk

sarralle

SENER

serveo

sidenor

SIEMENS Gamesa RENEWABLE ENERGY

SNA Europe

SUEZ

TUBACEX GROUP

TR TUBOS REUNIDOS

ULMA

vidrala

Viuda de Sainz

GRUPO ALCOR

bti. Human Technology

COFARES

Egile

IMQ Tu seguro médico

FAES FARMA

Keralty

Onkologikoa

Osakidetza

P4Q PROFESSIONALS FOR QUALITY

quirónsalud

ROXALL GROUP

ANGULAS AGUINAGA

OKIN

Coca-Cola EUROPACIFIC PARTNERS

EROSKI

ramondin

Natra

Unilever

Uvesco

6TH EDITION

28 Startup Participants

Our Industry Leading Corporate Clients selected these 28 Innovative Technology Startups to work on 33 Startup-Corporate Industry 4.0 Projects during the **6th edition of the BIND 4.0 Open Innovation & Acceleration Program.**

Deep Detection

Photon counting X-ray Line Cameras: Better inspection for safer products

TECHNOLOGY
Artificial Intelligence, Industrial Hardware, Photonics

BUSINESS FOCUS
Business Focus: Intelligent Industry, Food Tech

PROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
David Ciudad, Colin Burnham, José Gabriel Macía, Mokhtar Chmeissani

HEADQUARTERS
Barcelona, Spain

FOUNDED
2020

NO. OF EMPLOYEES
7

DESCRIPTION
PhotonAi is a photon counting, multi-energy x-ray camera designed to step-change industrial inspection capabilities for quality and safety. The PhotonAi camera detects low-density foreign bodies for food inspection at production speeds. Deep Detection technology can detect plastics, bones, debris and organic elements in food. Patent granted in the USA, Europe, Japan and China.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Deep Detection focuses on the Food and Beverage market, with clear problems that they can solve. Their business model is very clear, they sell cameras and hardware to companies that manufacture X-ray machines for F&B producers. They have verified the business opportunity and have 21 worldwide companies in their sales pipeline for this 2022.

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deepdetection.tech

Merasys

Experts in Industrial Inspection and Monitoring

TECHNOLOGY
Artificial Intelligence, Internet of Things, Big Data

BUSINESS FOCUS
Intelligent Industry, Health Tech

PROJECT WITH CORPORATE PARTNER
arteche

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDERS
Lorena Rosende Barbosa

HEADQUARTERS
Vigo, Spain

FOUNDED
2016

NO. OF EMPLOYEES
2

DESCRIPTION
Merasys' main service is intelligent inspection based on three technologies: Real-Time Remote Monitoring (RTRM), Computer Vision (CV) and Convolutional Neural Networks (CNNs). They offer ad-hoc artificial intelligence solutions, including the development of hardware prototypes prepared for any physical environment and programmed with Open Source software.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Their potential clients could be companies from the private or public sector, especially in the industrial sector with technological needs related to Artificial Intelligence and Real-Time Remote Monitoring. Their main clients by sector are: Automotive (Stellantis, Renault), Energy (REPSOL, IBERDROLA), Renewables (GRI Towers) and Railway (ADIF, ACS).

CONTACT DETAILS
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WEBSITE
merasys.es

Nabla Vision

The Artificial Eyes you Always Dreamed of

TECHNOLOGY
3D Computer Vision, Internet of Things, LiDAR, IA

BUSINESS FOCUS
Intelligent Industry, Logistics, Mobility & ITS, Security and Defense

PROJECT WITH CORPORATE PARTNER
sarralle

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDERS
Jordi Romero, Cristina García

HEADQUARTERS
GAVA, Spain

FOUNDED
2019

NO. OF EMPLOYEES
2

DESCRIPTION
Nabla Vision offers bespoke 3D Real-time Perception solutions that enhance current teleoperation and AI vision performance integrating purpose-built vision sensor units based upon cost-efficient LiDAR & camera devices fusion. Nabla Vision technology focus on enabling efficient and secure/safe operations for real-time robotics, tele-operation, security and environment monitoring. By fusing high-density 3D information with vision data; localization, mapping, long-range object detection, identification and tracking become much simpler in dynamic and complex open-air scenarios, facilitating the task of computer vision AI algorithms or human teleoperators.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Nabla Vision products and solutions address the challenges of real-time 3D sensing at the edge while remaining cost-effective. The targeted markets are I4.0 and logistics-mobility operators with relevant safety and efficiency needs in their operations and logistics, or defense-security players demanding detection, tracking and navigation in dynamic and complex open-air scenarios.

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Trak

AI-powered Telerehabilitation Software

TECHNOLOGY
Artificial Intelligence

BUSINESS FOCUS
Intelligent Industry, Health Tech

PROJECT WITH CORPORATE PARTNER
Keralty

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Jon Vital, Carlos Rodriguez-Sierra, Daniel Soler

HEADQUARTERS
Donostia-San Sebastián, Spain

FOUNDED
2021

NO. OF EMPLOYEES
12

DESCRIPTION
Therapeutic exercise is a fundamental phase of any rehabilitation process, but only 24% of patients complete them. Using an artificial vision algorithm, Trak assists the patient in his rehabilitation process, correcting the patient in real-time and collecting data on the evolution for the physiotherapist.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
· Healthcare providers: Quironsalud, Ribera Salud (Torrejón, Vinalopó, Povisa hospitals), Osakidetza, Asunción, San Roque hospitals,

· Pharmaceutical companies: Janssen, Grünenthal International Pharma

· Insurance companies: Keralty

· Private physical therapists

CONTACT DETAILS
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Ancora

**Voice-enabled shop floor software
made for PEOPLE**

TECHNOLOGY
Artificial Intelligence, Internet of
Things, Cyber-Physical Systems, Virtual
Assistants and Cognitive Manufacturing

BUSINESS FOCUS
Intelligent Industry

PROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Alexandre Bastos, Felipe Gil-Castiñeira,
Diego Celix

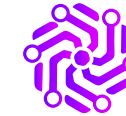**HEADQUARTERS**
Vigo, Spain

FOUNDED
2019

NO. OF EMPLOYEES
11

DESCRIPTION
Ancora is a spin-off from the University
of Vigo, which develops and markets
digital tools for manufacturing line
workers designed to be used by people.
Even simple tasks become complex on
the shop floor with poorly designed
interfaces. With Ancora working on
the shop floor is easier and faster and
anyone can do it.
Ancora Worker Connect is the voice-
enabled software that powers shop floor
workers. It enables lightweight worker
digitalization that raises productivity and
that anyone can use.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Manufacturing companies willing to
simplify and improve the use of digital
tools on the shop floor. Ancora will
complement the existing MOM software
managing the production processes,
helping line workers to deliver better
results and information. Ancora Worker
Connect suites different manufacturing
processes, but always focused on
processes where human contribution
is relevant for our customer. Our
customers belong to different sectors,
like automotive, aerospace, construction
materials and machinery OEMs.

CONTACT DETAILS
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ancoramobile.com

Bechained

**Smart Energy Management Platform
for Sustainability Purposed Business**

TECHNOLOGY
Artificial Intelligence, Internet of Things

BUSINESS FOCUS
Intelligent Industry, Clean Energy &
Sustainability

PROJECTS WITH CORPORATE PARTNERS

TUBOS REUNIDOS

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDERS
Stefano Melchior

HEADQUARTERS
Barcelona, Spain

FOUNDED
2020

NO. OF EMPLOYEES
3

DESCRIPTION
BeChained has developed a smart-
energy platform for sustainable
purpose businesses: it manages flexible
distributed resources (like energy
consumption or self-production) for
energy intensive consumers.
With A.I, we build the digital twin and
the smart-governance that instructs
the production programming to help
clients cut recurrent inefficiency in
production processes, so energy costs
and CO_2 emissions, without disrupting
the production outcome and business-
as-usual continuity. This generates
new revenue streams for bottom
lines when compensating the electric
grid unexpected peak moments from
demand flexibility, so that grid operators
don't depend only on extra production
from fossil fuel power plant to fix them.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Business electricity consumers, like
manufacturers, commercial buildings,
logistic hubs and E.V. charging
stations with a minimum 2GWh/year
consumption. Aggregators willing to
participate in the energy balance service
markets with demand flexibility.

CONTACT DETAILS
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GlucoVibes

A Personalized Digital Solution that Helps you Become your Best Version

TECHNOLOGY
Artificial Intelligence

BUSINESS FOCUS
Food Tech, Health Tech

PROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Alberto Conde Mellado

HEADQUARTERS
Donostia-San Sebastián, Spain

FOUNDED
2021

NO. OF EMPLOYEES
9

DESCRIPTION
GluvoVibes allows its users to be able to control their glucose levels. It connects them with their body, interprets what it has to tell them so that they understand how they work and thus, optimizes their physical and intellectual performance and in order to live a healthy life.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
GluvoVibes audience is people who want to optimize their physical and intellectual performance and live a healthy life. They are already working with top-class sports athletes, but also with everyday people who want to know how their body works.

CONTACT DETAILS
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Heuristik

Helps Health Entities with Patient Identification, Management & Interoperability

TECHNOLOGY
Artificial Intelligence, Big Data

BUSINESS FOCUS
Health Tech

PROJECT WITH CORPORATE PARTNER
Osakidetza

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDERS
Antxon Caballero

HEADQUARTERS
Bilbao, Spain

FOUNDED
2019

NO. OF EMPLOYEES
17

DESCRIPTION
Heuristik's solution is a 360º patient identification and management platform. Their technology combines fingerprint recognition with Artificial Intelligence in order to identify fingerprints in adverse circumstances and manage patient portfolios during the whole health process.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Their solution can be implemented in all kinds of health entities but at this stage, they are targeting Public/Private hospitals.

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imagoAI

Imagoai

ImagoAI's Solution Helps Food Companies Cut Testing Cost & Time by 90%

TECHNOLOGY
Artificial Intelligence, Hyperspectral Imaging

BUSINESS FOCUS
Intelligent Industry, Food Tech

PROJECT WITH CORPORATE PARTNER

ANGULAS AGUINAGA

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Shweta Gupta & Abhishek Goyal

HEADQUARTERS
Milpitas (CA) & St. Paul (MN), United States

FOUNDED
2019

NO. OF EMPLOYEES
10

DESCRIPTION
With our breakthrough innovation in food testing, now you can get results for complex tests like vitamins, mycotoxins, sulfites, etc. within seconds and run these tests at a fraction of your current cost!

You can automate your testing (nutrition analysis, chemical analysis, proximate analysis, texture analysis, etc) in a non-destructive manner.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Food processing companies & food testing laboratories.

CONTACT DETAILS
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Innosep

Democratizing Industrial AI - A data analytics platform everyone can run

TECHNOLOGY
Artificial Intelligence, Advanced Analytics, Data Science

BUSINESS FOCUS
Intelligent Industry, Clean Energy & Sustainability, Health Tech, Food Tech

PROJECT WITH CORPORATE PARTNER
ramondin

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Kerim Galal, Hüseyin Sahin

HEADQUARTERS
Hannover, Germany

FOUNDED
2016

NO. OF EMPLOYEES
9

DESCRIPTION
innoSEP operates a no-code data analytics platform for the entire analytics lifecycle to transform domain experts without programming skills into Citizen Data Scientists. Users can build and run AI analytics Apps in self-service through a visual interface, role-oriented workflow, and guided product modules without needing to code.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Target customers are industrial companies and SMEs that want to unlock the limitless potential of AI in their data-driven future and, most importantly, promote digital upskilling for their existing professionals toward self-service data science skills during this transformation process.

CONTACT DETAILS
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WEBSITE
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Legit.Health

AI for Next-Gen Dermatologists

TECHNOLOGY
Artificial Intelligence, Big Data

BUSINESS FOCUS
Health Tech

PROJECT WITH CORPORATE PARTNER
ULMA

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Andy Aguilar, Taig Mac Carthy, Alfonso Medela, Gerardo Fernandez

HEADQUARTERS
Bilbao, Spain

FOUNDED
2020

NO. OF EMPLOYEES
11

DESCRIPTION
Legit.Health is the revolutionary clinical data and communication tool for next-generation dermatologists. It speeds up the pathology reporting process and increases patients' autonomy and control. Powered by deep learning technology, specifically computer vision, with a set of sequential neural networks trained to diagnose and score the severity.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Medical centers (Hospitals and clinics), Insurance companies, pharmaceuticals.

CONTACT DETAILS
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WEBSITE
legit.health

Metis Labs

**AI-based Intelligent Control
Optimisation for Industrial Systems**

TECHNOLOGY
Technology Artificial Intelligence,
Control Systems

BUSINESS FOCUS
Intelligent Industry, Food Tech

PROJECTS WITH CORPORATE PARTNERS

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Alex Appelbe, Bashir Beikzadeh

HEADQUARTERS
United Kingdom

FOUNDED
2017

NO. OF EMPLOYEES
10

DESCRIPTION
Metis Labs reduces manufacturing
costs for companies making consumer
food, beverages and chemicals. They
do this by using AI to improve the
control efficiency of filling lines. Their
smart control software integrates with
manufacturers' existing production
equipment to achieve higher OEE
and yield without needing to replace
the hardware. The result is reduced
overfill give-away and reduced under-fill
rejection.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Manufacturers of consumer food,
beverage and chemical products.

CONTACT DETAILS
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Kaytek

**Technologically Advanced Platform
that Fully Digitalizes Industries**

TECHNOLOGY
Internet of Things, Big Data, Blockchain,
Artificial Intelligence

BUSINESS FOCUS
Intelligent Industry, Clean Energy &
Sustainability, Health Tech, Food Tech

PROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Series A

FOUNDER
Manuel Fandiño, Alejandro Montero,
Miguel García-Ariño, Mikel Rodriguez,
Miguel Nicolás Rodriguez, David Blanco,
Jon Mikel Alonso, Asier Hermoso

HEADQUARTERS
Barakaldo, Spain

FOUNDED
2018

NO. OF EMPLOYEES
8

DESCRIPTION
Kaytek's solution is capable of
undertaking the digital transformation of
business by natively integrating the most
advanced technologies; IoT, Blockchain,
Big Data and Artificial Intelligence.
Their platform brings multiple benefits:
automatic collection of information
on assets through the IoT, achieving
complete traceability, elimination of
paper, etc.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Their experience is based on Industry 4.0,
but their multi sector approach allows
them to digitize any type of company.
They have already worked with: Idec
Aero, Belgicast, Vaillant Group, Saunier
Duval and Fumbarri Fundiciones.

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Nymiz

Personal Data Anonymization Software based on AI

TECHNOLOGY
Artificial Intelligence, Cybersecurity

BUSINESS FOCUS
Intelligent Industry, Clean Energy & Sustainability, Health Tech, Food Tech

PROJECTS WITH CORPORATE PARTNERS

edp

fagorederlangroup

INVESTMENT STAGE
Seed - Pre A Series

FOUNDERS
Oscar Villanueva, Manuel Díaz

HEADQUARTERS
Bilbao, Spain

FOUNDED
2020

NO. OF EMPLOYEES
9

DESCRIPTION
Personal Data Anonymization SaaS tool based in AI with NLP for managing not structured data(office docs, pdf, image) but structured data(databases) and multilanguage. Nymiz allow customers to avoid data breaches, comply by design with privacy laws(GDPR) and enable data analytics.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Nymiz reaches where the regulatory impact is higher such as healthcare, banking, insurance, legal, Utilities and Public Administration. They reach large accounts in different regions regarding the regulation, language, market size and maturity with a focus on Spain and Europe, USA and Latam.

CONTACT DETAILS
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24
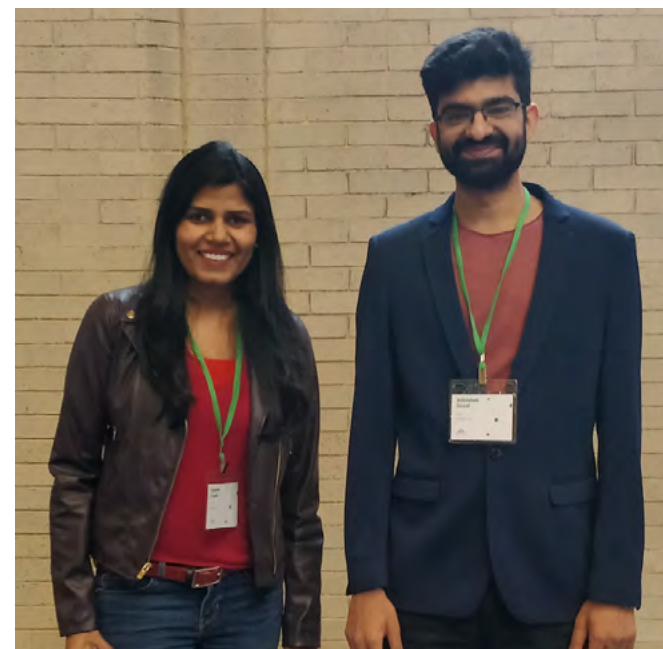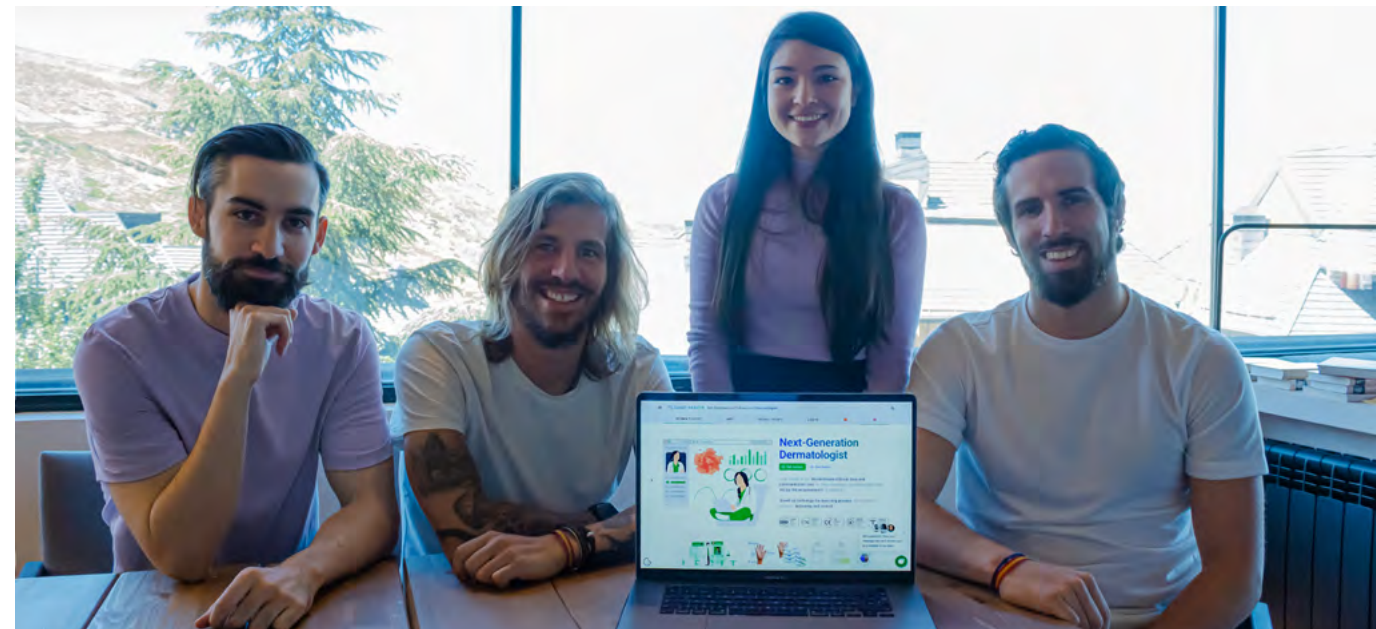
Epowerlabs

Power Electronics Products for
Energy Transition

TECHNOLOGY
Clean Tech

BUSINESS FOCUS
Energy and Sustainability

PROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Series A

FOUNDERS
Mikel Peral, Jon Duroudier, Mikel
Martinez, Xavier Descarrega

HEADQUARTERS
Donostia-San Sebastián, Spain

FOUNDED
2020

NO. OF EMPLOYEES
15

DESCRIPTION
EPowerlabs helps its client use energy
more wisely. The company has power
electronics product offering for electric
mobility and green hydrogen generation.
The company design and sales products
such as electric motor controllers,
battery management systems and DC/
DC converters. These products are more
power dense and more efficient than
other market alternatives.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
EPowerlabs is working with mobility
OEMs & Tier 1s and Utility companies in
the Energy sector. Their client portfolio
ranges from Basque OEMs to Israeli
or Indian Tier 1s. In the Energy sector,
they work with industry leaders such as
Repsol - Petronor.

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Clcircular

Affordable, Real-time Supply Chain
Monitoring

TECHNOLOGY
Internet of Things, Big Data, Circular
Economy

BUSINESS FOCUS
Food tech, Industry 4.0, Health Tech

PROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Iñigo Alonso Echevarría

HEADQUARTERS
Mungia, Spain

FOUNDED
2019
(Limited company incorporated in 2014)

NO. OF EMPLOYEES
30

DESCRIPTION
CLCircular's mission: bringing affordable
real-time monitoring to every cargo,
everywhere, in order to reduce losses,
thanks to a circular economy model.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
CLCircular has been designed to monitor
location, temperature, humidity, door
openings and hits during the storage
and multimodal transport of every
kind of product. Right now, the target
market is focused on reefer containers
transporting fresh fruits and vegetables.
Main customers are large and recurrent
multinational corporates like Delmonte,
Dole, Westfalia, Walmart México,
Axionlog (Arcos Dorados)...

CONTACT DETAILS
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Donomotics

Design & Install Home Automation and Building Automation Projects

TECHNOLOGY
Artificial Intelligence, Internet of Things, Big Data

BUSINESS FOCUS
Intelligent Industry, Clean Energy & Sustainability

PROJECT WITH CORPORATE PARTNER
ERREKA

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Pablo Viñolas Salustiano, Luis Viñolas Salustiano

HEADQUARTERS
Donostia-San Sebastián, Spain

FOUNDED
2020

NO. OF EMPLOYEES
2

DESCRIPTION
Donomotics connects all the control devices in the market in a unique system they call Home Automation 4.0. Home Automation 4.0 will allow users to manage the control and use of each and every one of the control devices, to find and anticipate different problems, such as efficiency within the building and propose solutions in real time.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Their target clients are hotels and property developers that are going to invest in home automation technology in the next few years.

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Faradaic Sensors

Miniaturizing Gas Sensors for Low-power and Low-cost IoT Applications

TECHNOLOGY
Internet of Things, Sensors

BUSINESS FOCUS
Intelligent Industry, Clean Energy & Sustainability, Health Tech, Food Tech

PROJECTS WITH CORPORATE PARTNERS
arteche

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDERS
Alexey Yakushenko, Ryan Guterman, Heinie von Michaelis

HEADQUARTERS
Munich, Germany

FOUNDED
2021

NO. OF EMPLOYEES
3

DESCRIPTION
By miniaturizing electrochemical gas sensors and making them extremely power efficient at a very low cost, FaradaIC addresses the requirements enabling gas sensing capabilities for both industrial and consumer IoT applications in various areas such as power management, agriculture, healthcare and others.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
IoT manufacturers seeking gas sensors; sensor system manufacturers; manufacturers of industrial equipment requiring gas sensors; manufacturers of PPE requiring gas sensors.

CONTACT DETAILS
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Nazca Ingeniería

Independent professional services in SaaS Safety & Security

TECHNOLOGY
Wireless Load Cell-based Sensors, Internet of Things, Smart Sensors, Industry 4.0

BUSINESS FOCUS
Intelligent Industry, Clean Energy & Sustainability, Health Tech

PROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Series A

FOUNDERS
José Antón and Octavio Campos

HEADQUARTERS
Alcalá de Henares, Spain

FOUNDED
2019

NO. OF EMPLOYEES
2

DESCRIPTION
Nazca carries out high performance integral development of wireless sensors for special applications.
· Parameters: Torque, bending, shear, axial load, acceleration, vibration.
· Performances: micro sensors, wireless, sensors for operation in hostile environments.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Nazca is not focused on one market, sensorization is a transversal technology. Markets and clients
· Industry 4.0 : Sensorised CNC tool holder (CIE Automotive)
· Motorsport : Real time torque and power meter (located in the sprocket carrier) for Honda SBK racing bike. The sensor has been teste in the test bench and in the circuit (Honda)
· Cycling: Pedal power meter (Confidential client)
· Cycling : Electronic wheel balancer (patent system)

CONTACT DETAILS
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nazcaingenieria.com

Sentrisense

Digitizing the most Distributed Infrastructure on Earth, the Power Lines

TECHNOLOGY
Artificial Intelligence, Internet of Things, Big Data

BUSINESS FOCUS
Intelligent Industry, Clean Energy & Sustainability

PPROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Seed

FOUNDERS
Sebastian Cerone, Sebastian Garcia Marra, and Lucas Chiesa

HEADQUARTERS
Gdansk, Poland

FOUNDED
2019

NO. OF EMPLOYEES
9

DESCRIPTION
Sentrisense is digitizing the most geographically distributed human infrastructure on earth, the power lines. They help detect problems in the power lines even before these problems happen, such as fallen trees, ice, corrosion, fallen power lines and towers. They do it by measuring the mechanical movement of the lines.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Sentrisense provides a suite of connected solutions for helping power transmission (TSO) and distribution (DSO) companies in three different dimensions:
· Helping asset managers to perform replacement of damaged and worn out power lines based on objectively measured conditions.
· Helping power lines maintenance teams to improve their Early fault detection (EFD) capabilities.
· Helping power lines operators to drive more energy through the grid with the same infrastructure.
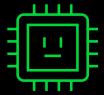Among their customers, there are companies such as the largest power transmission company in Chile, Transelec.

CONTACT DETAILS
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WEBSITE
sentrisense.com

Cooling Photonics

Cooling Without Energy Consumption

Fuvex

**Replacing Manned Helicopters
for Long-range Drones**

TECHNOLOGY
Photonics

BUSINESS FOCUS
Clean Energy & Sustainability

PROJECT WITH CORPORATE PARTNER
Mercedes-Benz
Fábrica Vitoria

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDERS
Juliana Jaramillo, Antonio Cuenca, Javier
Achiaga

HEADQUARTERS
Barcelona, Spain

FOUNDED
2020

NO. OF EMPLOYEES
4

DESCRIPTION
Cooling Photonics provides passive
cooling solutions that reduce energy
consumption, with zero carbon
emissions, increasing systems
performance whilst decreasing
operating costs. Their product, applied
on any surface hotter than the ambient,
dissipates heat in the form of infrared
radiation, reducing its temperature, even
under direct sunlight.

Photovoltaic panels reduce their
efficiency by 0.4-0.5% for each degree
above 25ºC. Cooling Photonics'
technology allows photovoltaic asset
managers and O&M to recover part of
these efficiency losses and produce
more electricity, extending the useful life
of the panels and reducing their decay.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
B2B2C business model.
Early adopters Commercial & Industrial
and Utility-Scale plant owners and O&M
providers.

TECHNOLOGY
Artificial Intelligence, Drones

BUSINESS FOCUS
Intelligent Industry

PROJECT WITH CORPORATE PARTNER
IBERDROLA

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Carlos Castellano, Jesús Villadangos,
Carlos Matilla

HEADQUARTERS
Tudela, Spain

FOUNDED
2015

NO. OF EMPLOYEES
12

DESCRIPTION
Replacing crewed helicopters for
long range drones in infrastructure
inspections with 94% less costs, no
emissions and no personal risks.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Utility companies and power lines asset
owners.

CONTACT DETAILS
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CONTACT DETAILS
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Steering Machines

One Base, Infinite Mobile Robots

TECHNOLOGY
Collaborative Robotics

BUSINESS FOCUS
Intelligent Industry

PROJECT WITH CORPORATE PARTNER
ITP Aero

INVESTMENT STAGE
Seed - VC/Angel

FOUNDERS
Juanjo Canuto, Carles Domènech

HEADQUARTERS
Barcelona, Spain

FOUNDED
2018

NO. OF EMPLOYEES
4

DESCRIPTION
Steering Machines has developed MOBY, an autonomous robotic platform (hardware and software) for industrial automation. It is conceived as a puzzle that allows industry providers (robotic developers, automation engineering, machinery manufacturers) to develop and integrate custom industrial robots in a very easy way.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Steering Machines' customers are industrial technology providers such as AMR manufacturers, automation engineering, OEM's (Original Equipment Manufacturers), and robotic developers and industrial companies that wants to automate processes in their facilities. Depending on the customer type, they provide MOBY with or without complementary accessories.

CONTACT DETAILS
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Ipartic Consulting

Transforming Workforces into Workers 4.0

TECHNOLOGY
Augmented/Mixed Reality

BUSINESS FOCUS
Intelligent Industry, Construction, Health

PROJECT WITH CORPORATE PARTNER
rpk

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDERS
Javier Pérez de Eulate, United Kapital Partners

HEADQUARTERS
Parque Tecnológico de Bizkaia (Derio), Spain

FOUNDED
2019

NO. OF EMPLOYEES
4

DESCRIPTION
Bexreal develops The Immersive Digital Twin with AR/XR technologies for Industrial, Construction and Biotech companies to boost their capabilities with Remote Assistance and Certification, XR Self-Training Guides, Collaborative Digital Twin Design, Holographic Positioning and Teleportation.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Industry 4.0, Construction and Health.

CONTACT DETAILS
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WEBSITE
bexreal.com

Oreka Interactive

Creative & Functional Interactive Experiences

** OREKA INTERACTIVE FACTORY**

TECHNOLOGY
Virtual/Augmented Reality

BUSINESS FOCUS
Intelligent Industry, Health Tech, Food Tech

PROJECT WITH CORPORATE PARTNER
·GH· CRANES & COMPONENTS   Ingeteam

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDERS
David Cuadrado, Imanol Erauskin

HEADQUARTERS
Donostia-San Sebastián, Spain

FOUNDED
2014

NO. OF EMPLOYEES
12

DESCRIPTION
Oreka Interactive combines XR technologies, state-of-the-art graphics and absolute dedication to create the best interactive experiences. Their core has developed more than 140 experiences over 17 years for institutions, private companies and first-line advertising agencies.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Oreka Interactive provides functional solutions for primary sectors. The team has developed more than 100 solutions for leading agencies and companies in industries like Automotive, Healthcare, Retail and Advertising (L´Oreal, Toyota, Adidas, Ikusi, Ingeteam, Siemens, Bellota, Ibermatica, Ethisalat, Kendu…)

CONTACT DETAILS
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Vivelab Ergo

Ergonomic Consulting Company

**VIVELAB ERGO
PEOPLE CENTRIC TECHNOLOGY**

TECHNOLOGY
Manufacturing Ergonomics

BUSINESS FOCUS
Intelligent Industry, Clean Energy & Sustainability, Health Tech

PROJECTS WITH CORPORATE PARTNERS
Hettich

INVESTMENT STAGE
Series A

FOUNDERS
Csaba Szeredy, László Ördögh, Miklós Márton

HEADQUARTERS
Budapest, Hungary

FOUNDED
2017

NO. OF EMPLOYEES
4

DESCRIPTION
ViveLab Ergo helps make workplace optimization faster with accurate measurement results. It is a great solution for manufacturing companies who want to assess their employees' movements with new, innovative ergonomics measurement technology to make their workplaces healthier.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
This software can provide ergonomic expertise mainly for engineers, EHS / HSE managers and consultants.

CONTACT DETAILS
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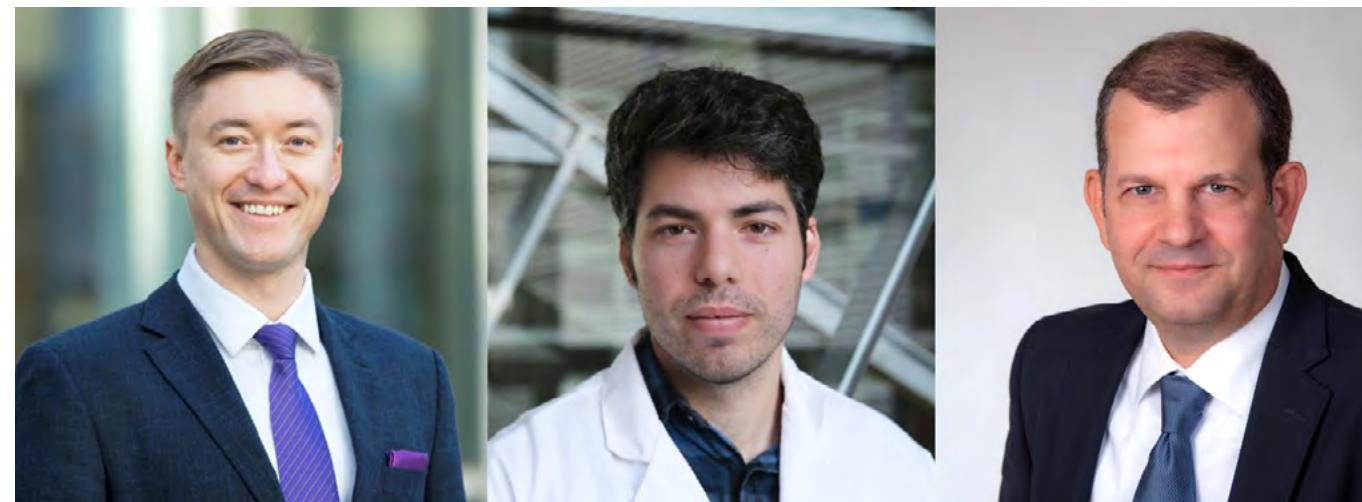
Recircular

A Solution to Give Waste a Second Life

TECHNOLOGY
Artificial Intelligence, Big Data, Blockchain

BUSINESS FOCUS
Clean Tech

PROJECT WITH CORPORATE PARTNER

INVESTMENT STAGE
Seed - Accelerator/Public Funding

FOUNDER
Patricia Astrain

HEADQUARTERS
Getxo, Spain

FOUNDED
2017

NO. OF EMPLOYEES
4

DESCRIPTION
RECIRCULAR identifies innovative solutions for industrial waste streams and provides a digital platform that automates the waste valorisation process, connecting wastes with potential consumers and providing traceability and transparency.
The system also calculates the environmental and social benefits generated with its methodology for impact measurement.

TARGET AUDIENCE AND MOST RELEVANT CLIENTS
Manufacturing companies and waste management companies. They work with all types of entities, from social foundations to SMEs and corporates, providing circular opportunities to all. Some of their most relevant clients are Lezama Demoliciones, Futurecard, Ecoembes, Sidenor, Mercedes-Benz and Johnson&Johnson.

CONTACT DETAILS
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About BIND 4.0

BIND 4.0 is a public-private initiative that promotes the development of transformative Industry 4.0 projects by connecting groundbreaking Startups worldwide with well-established companies based in the Basque Country.

The BIND 4.0 Basque Open Innovation Platform attracts innovative startups with solutions applicable to the Intelligent Industry, Clean Energy & Sustainability, Health Tech and Food Tech sectors. Helping boost the growth of tech startups through real projects with reference customers, our win-win programs benefit startups and the corporate clients. Established corporate companies discover new technologies and quickly test and develop groundbreaking solutions to enhance their digital transformation journey. BIND 4.0 has made a positive impact on the local business environment for our unmatched startup acceleration support, training and immersion in industry activities, in addition to facilitating collaborative projects with a Corporate Venture Client.

The Corporate Venture Client approach means that participating startups will have at least one paid Industry 4.0 pilot project with a well-respected company, in addition to award-winning acceleration and support services. These are some key benefits for startups participating in BIND 4.0:

POC, Market Validation with Reference Clients 45K€ Average Contract Retain Ownership, No Equity Taken High Impact Mentoring & Training Immersion into Innovative Industrial Ecosystem Access to Public and Private Funding

GOALS

BIND 4.0 aims to boost the digital transformation of the industry, drawing in startups with the most innovative technologies that will boost innovation in the automotive, energy, telecom, machine-tool, aeronautics, health, food & beverage, distribution and logistics, and railway sectors, which drive the Basque economy. The BIND 4.0 Open Innovation Program offers a mutually beneficial collaboration: an opportunity to promote the digital transformation of the established companies, and in turn, increase the growth of technology startups through real projects with reference customers.

MAIN OBJECTIVES:

· Attract new emerging Industrial activity

· Offer support and routes to market for technology startups

· Strengthen the local entrepreneurial ecosystem by attracting & retaining talent in the region

· Position the Basque Country as an Industry 4.0 Leader

· Facilitate the development of innovative solutions in the Industrial sector

· Accelerate the digital transformation and innovation of Basque Companies

DEVELOPMENT AREAS: TECH & SOLUTIONS

These are the main technologies the program is currently focused upon developing: collaborative robotics, artificial intelligence, indoor positioning, big data analytics, blockchain, IoT / IIoT, machine learning, wearables, drones, medical devices, cybersecurity, bio-based solutions, cleantech, augmented or virtual reality, additive manufacturing, digital twin, smart energy, new materials, nanotechnology, and artificial or computer vision.

BIND 4.0 is seeking technology startups with products or solutions with potential application in these four sectors: Intelligent Industry, Clean Energy & Sustainability, Health, and Food. Startups worldwide, completing the configuration of their solutions or those already in the market are welcome.

BENEFITS

There are so many reasons to accelerate your company with the BIND 4.0 Platform, part of a larger public initiative promoting, attracting and investing in innovation and emerging technologies. With over a century of Industrial activity and pioneering technology, the Basque Country is home to some of the world's most influential manufacturing companies. Due to the public-private nature of this initiative, BIND 4.0 offers strong assurance in completing the goals set, by bringing together corporate companies and local government agencies, all part of an ecosystem committed to R&D & Innovation.

Startup Benefits

Thanks to the unique Venture-Client approach, selected startups will have at least one paid Industry 4.0 project with well-respected companies, in addition to unmatched acceleration and support services. Because we know the needs of over 65 Corporate Clients, our Global Startup Network has the opportunity to solve real industry challenges. Thus, BIND 4.0 is a catalyst for open innovation and mutually beneficial business opportunities.

With an average amount of €45,000, the Industry 4.0 pilot project is a paid contract with one or more industry leading companies and contracts have been as high as €150,000. The venture-client invests in the startup by buying the product or solution for a strategic benefit and in-turn acts as a reference client and in some cases providing proof of concept.

In addition to the paid contracts to test, fine tune and implement their solutions, there are excellent support services offered by the accelerator, including access to financial support and investors in the BIND 4.0 Venture Club. The executive education and expert mentoring provided helps Founders establish strategies for success. Not to mention the numerous networking activities that are carried out with the participating companies, startups and the public to facilitate the immersion of disruptive startups in the Basque industrial ecosystem, one of the most vibrant and growing networks in Europe.

Corporate Clients Benefits

Collaborating Corporate Clients participating in BIND 4.0 have access to an agile Open Innovation Platform where they discover, meet, and contract the best startups under the Venture Client approach. Often large companies are aware of the digitization challenges they face but not necessarily the solutions. BIND 4.0 introduces them to new technologies and innovation to test and see what works for them. Our platform allows corporations to be early adopters of the most innovative technologies developed by startups and to quickly incorporate competitive, state-of-the-art solutions into their processes.

The startup scouting and targeted training performed to meet specific goals and address any challenges in their digital transformation and path to innovation, are some of the biggest benefits of BIND 4.0. The Open Innovation Platform provides an identification and analysis of the latest technologies and business solutions in the areas of most interest to our Corporate Clients. Corporate companies can seek individual innovation projects or identify group challenges, whose solutions would positively impact the industry as a whole. What's more, BIND 4.0 offers training and workshops to help bridge the gap between startups and corporations by helping to establish a collaborative framework for successful collaborations.

The platform acts as a forum for Open Innovation & Corporate Venturing, by enabling learning from innovative leaders within the local Industrial ecosystem. By connecting experts, through networking, executive education and industry events, corporate clients are able to share their venture client experiences and gather ideas, referrals and inspiration for their own innovation strategies. In short, the program is identifying and attracting talent from around the world and empowering established companies to innovate through collaboration with startups to improve the competitiveness of companies based in the Basque Country.

SERVICES

With our Acceleration Program we incorporate expert mentoring with the aim to generate successful Startup-Corporate collaborations. We catalyze new business through industry events, introductions to Industry Investors, and regular access to the main companies investing in innovation. Our Open Innovation Platform connects Startups with a real use project and an opportunity for market validation, product development or internationalization, thanks to our expanding Basque Industry 4.0 Innovation Ecosystem.

Access to Clients

BIND 4.0 is a high impact accelerator, turning leading Industry 4.0 companies into venture clients, with paying contracts for the disruptive young startups participating. We know the needs of 65 key players in the Basque Industry, our corporate venture clients, who identify digital transformation challenges or group challenges that affect the sector. Our Corporate Clients rely on us to find groundbreaking and competitive startup solutions, to test and fine-tune innovative technologies. The Corporate Clients serve as a reference customer for the startups, allowing them to work in a real environment as they develop their projects and grow their business with a paying customer.

Access to Financial Aid & Investment

BIND 4.0 is a `zero equity' program, it does not require startups to allocate part of their business to participate. What's more, the startups have access to economic aid for entrepreneurship, technology and business development offered by the Basque Government, SPRI and the three Basque Provincial Councils. The variable funding is offered in the form of grants and subsidies. Additionally, through the BIND 4.0 Venture Club we provide access to specialized financing and industry investors as desired.

Mentoring

Ensuring success through excellent resources, the selected startups receive specialized support provided by mentors, entrepreneurs and professionals of global relevance. BIND 4.0 Mentors are experts in the areas of business development, technology, business modeling and scale-up, investor relations, access to finance, commercial skills, go-to-market strategy, and internationalization. Startups are assigned a 1:1 Mentor to advise them, if desired, and to guide startups as they navigate, collaborate and communicate in corporate environments.

Networking

One of the most effective tools for emerging companies is networking and attending sessions that allow one to build relationships with other professionals and seek new business opportunities. BIND 4.0 provides access and direct contact with the entire Basque industrial, scientific and technological ecosystem, composed of small, medium and large companies. Startups have the opportunity to meet with the business, cluster management organizations, hubs and technological representatives that are most interesting to them.

Training

To help accelerate startups, participants attend high-impact workshops designed to develop key abilities, taught by world-class professionals. Offering expert quality training for technical skills, go-to-market strategy, market positioning, business development and aspects related to project financing and funding. Executive education is also extended to our corporate partners to offer support in carrying out successful Corporate-Startup collaborations.

Workspaces

Startups have different spaces available to develop their projects in the ecosystem of BIC Araba, BIC Bizkaia, BIC Bizkaia Ezkerraldea and BIC Gipuzkoa, the local public Business Innovation Centers. The workspaces are provided without charge and locations are determined based on the needs or preferences of each startup and collaborating company.
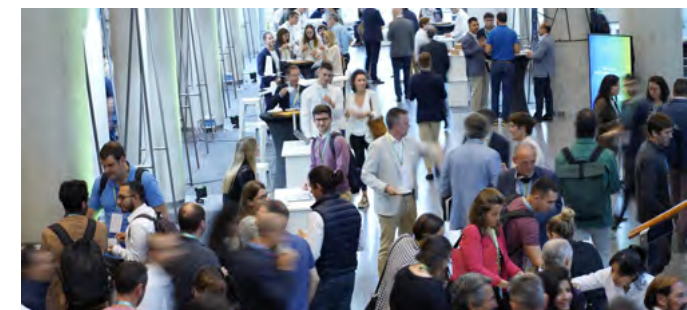
International Projection & Visibility

Our platform offers emerging companies the greatest possible visibility and credibility acting as a launchpad for these companies. The BIND 4.0 Demo Day event provides the opportunity for all participants to share their collaborative projects and solutions alongside the Corporate Clients they worked with. Because the Demo Day event is attended by the 65 Corporate Clients and our 20-member Venture Club in addition to local businesses and entrepreneurs, it is effective in attracting additional clients and the attention of investors.

Internationally Acclaimed Platform

In 2020, BIND 4.0 was acknowledged by the European Commission with an EEPA award for Improving the Business Environment. Additionally, the International consulting firm Gartner declared BIND 4.0 is one of the best platforms driving innovation in industrial ecosystems. BIND 4.0 is a benchmark platform for open innovation, realizing disruptive Industry 4.0 projects, and growing the entrepreneurial ecosystem.

Technological Partners

We are proud of our Technological Partners Microsoft, Siemens and Amazon Web Services, providing participating startups with technology solutions valued at €20,000. In addition to their technological support, these partners have provided professional mentoring and industry visibility to the projects developed within the BIND 4.0 framework.

Venture Club

Thanks to our more than 20-member Venture Club, BIND 4.0 startups have the opportunity to continue accelerating the development of their companies even after the program. The Venture Club is made up of Europe's leading venture capital firms that invest in early growth stage and B2B startups and specialize in Intelligent Industry, Energy, Health Tech and Food Technologies.

Who´s Behind BIND 4.0?

BIND 4.0 is a public-private program, designed to attract and promote innovation with support from the local government and large, industry-leading companies with operations in the Basque Country.

In its effort to boost digital transformation and position the region as number one on the international level for industrial activity, the program is free to participate and there is no equity taken from participating startups. One of our greatest advantages is attracting global startups with the support of over 65 well respected companies that act as corporate venture clients, in addition to a supporting cast of business mentors, investors and industry experts.

Basque Government and the SPRI Group

BIND 4.0 is a platform funded by the Basque Government and the SPRI Group, a business development agency where local companies find the tools with which to finance, launch, internationalize, locate industrial land and apply new technologies. In addition, the SPRI agency is commissioned by the Basque Government to attract and facilitate foreign investments from its "Invest in the Basque Country" initiative, helping to magnify the region as an industrial and entrepreneurial hub.

Corporate Venture Clients

BIND 4.0 has 65 Corporate Clients, made up of some of the world's top companies leading the Industry 4.0 transformation, working in the fields of Intelligent Industry, Clean Energy & Sustainability, Health Tech and Food Tech. Participating startups develop a project for one or more of these leading companies while getting the unique opportunity to collaborate and grow alongside them. The corporate clients function as a customer, as well as a resource for new technologies and networks, which the startup can use to develop and strengthen its business tools.

Mentors

Startups are matched with a professional coach who guides and advises them throughout each stage of their acceleration. BIND 4.0 Mentors are highly experienced professionals and entrepreneurs of global relevance which cover a wide variety of specialties including: business development, technology, access to financing and investors, sales and pitching skills, go-to-market strategy and internationalization.

Technological Partners

We are grateful for our Technological Partners Microsoft, Siemens and Amazon Web Services, providing participating startups with technology solutions valued at €20,000. In addition to their technological support, these partners have provided professional mentoring and industry visibility to the projects developed within the BIND 4.0 framework.
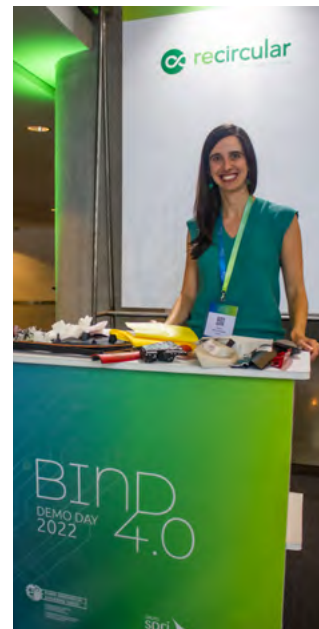
Venture Club

Thanks to our more than 20-member Venture Club, BIND 4.0 startups have the opportunity to continue accelerating the development of their companies even after the program. The Venture Club is made up of Europe's leading venture capital firms that invest in early growth stage and B2B startups and specialize in the areas of Intelligent Industry, Energy, Health Tech and Food Technologies.

160+ BIND 4.0 Startup Alumni

These are the 163 emerging companies from all six editions that have been contracted by and have collaborated with leading industrial companies, executing more than 240 Startup-Corporate Industry 4.0 projects so far.

STARTUPS	EDITION	ORIGIN	CORPORATE PARTNERS
ADDITIVE MANUFACTURING			
IDDO Technical Solutions	3	Ordizia, Spain	Mondragon BDC, Repsol-Petronor
Mizar	2	Miñano, Spain	Maier
Naotech Solutions	2	Santander, Spain	Alcor
Optimus 3D	2	Vitoria-Gasteiz, Spain	Aernnova, CAF
SamyLabs	3	Barakaldo, Spain	BTI Biotechnology Institute, Egile
Tumaker	3	Oiartzun, Spain	CAF
AddiFab	4	Jyllinge, Denmark	BTI Biotechnology Institute
ARTIFICIAL INTELLIGENCE			
Accexible	4	Bilbao, Spain	Quirónsalud
Artificial Vision	4	Madrid, Spain	Iberdrola
ADVANCED OPTICAL TECHNOLOGIES (AOTECH)	5	Bilbao, Spain	Sidenor
Enerlogix Systems	4	Irun, Spain	Artadi, Alimentación
AllRead Machine Learning Technologies	5	Barcelona, Spain	Artadi Alimentación
Kevo Technologies	4	Oiartzun, Spain	Sidenor
Bleenco	4	Munich, Germany	CAF, Unilever
TRAK HEALTH SOLUTIONS	6	San Sebastian, Spain	Keralty
Erium	5	Garching bei München, Germany	Danobat Group
Dattium	5	Sant Cugat del Vallés, Spain	Tubos Reunidos
Relimetrics	4	Berlin, Germany	Siemens Gamesa
Enerbrain	4	Turin, Italy	Eroski, Mondragon BDC
Xnext	4	Milan, Italy	Natra
SummarizeBot	4	Riga, Latvia	CAF, Unilever
Jungle AI	5	Lisbon, Portugal	Ingeteam
Glucovibes	6	Donostia-San Sebastian, Spain	Uvesco
ARTIFICIAL VISION			
Deep Detection	6	Barcelona, Spain	Angulas Aguinaga
INGENIERIA Y CONTROL MERASYS, S.L.	6	Vigo, Spain	Arteche
NABLA VISION	6	Gavà, Spain	Sarralle
Alteria Automation	2	Madrid, Spain	Mercedes-Benz
ASIMOB	5	Bilbao, Spain	Elecnor
CIN Advanced Systems	2	Arrasate-Mondragón, Spain	Gestamp, Mercedes-Benz, Sidenor

STARTUPS	EDITION	ORIGIN	CORPORATE PARTNERS
ARTIFICIAL VISION			
BitMetrics	5	Barcelona, Spain	Tubos Reunidos
IKUSTEC	4	Vitoria-Gasteiz, Spain	BTI Biotechnology Institute, Egile, Tubacex
NUAVIS	4	Donostia-San Sebastián, Spain	Angulas Aguinaga, Fagor Ederlan Group
Grabit Retail	5	Bilbao, Spain	Elecnor
I2U	5	Donostia-San Sebastián, Spain	ArcelorMittal
Pervasive Technologies	5	Barcelona, Spain	Sarralle
Heptasense	2	Lisbon, Portugal	Mercedes-Benz
Inovako	4	Istanbul, Turkey	Maier, Tubacex
Neurolabs	4	London, United Kingdom	Grupo Uvesco
AUGMENTED REALITY - VIRTUAL REALITY			
3D CLICK	4	Granollers, Spain	Natra
BIHARTECH	1	Vitoria-Gasteiz, Spain	CAF
CreativiTIC	1	Logroño, Spain	CAF, Michelin
IMMERSIA Data Visualization	3	Donostia-San Sebastián, Spain	Sidenor
Innovae	1	Donostia-San Sebastián, Spain	ABB, Danobat Group
Ludus	3	Bilbao, Spain	Gestamp
Neosentec	3	Llanera, Spain	BATZ
NeuroDigital Technologies	4	Almería, Spain	OBE Hettich
OROI	4	Donostia-San Sebastián, Spain	Mondragon BDC, Onkologikoa
Solid Virtual	2	Santurce, Spain	Fagor Ederlan Group, Mercedes-Benz
Tedcas	2	Noain, Spain	Aernnova, Alcor, ITP
BIG DATA - ADVANCED ANALYTICS			
APlanet	5	Bilbao, Spain	EDP España, Mondragon BDC
Hupi	1	Bidart, France	Maier
Bettergy	3	Málaga, Spain	Gestamp
Bigda Solutions	1	Vitoria-Gasteiz, Spain	Mercedes-Benz
D&A Innovative Systems	4	Bilbao, Spain	Viuda de Sainz
Data Value Management	4	Vitoria-Gasteiz, Spain	Artadi Alimentación, Unilever
Dative Partners	2	Madrid, Spain	Euskaltel
Decidata	1	Bilbao, Spain	Euskaltel
FlyThing Technologies	3	La Coruña, Spain	Bridgestone
Graphext	4	Madrid, Spain	Unilever
IntegraPdM	4	Barcelona, Spain	Bridgestone, Siemens Gamesa
IOMED Medical Solutions	3	Barcelona, Spain	IMQ Group
Karten Space	2	Miñano, Spain	Iberdrola
LINQcase	4	Donostia-San Sebastián, Spain	Danobat Group
LIS Solutions	2	Vitoria-Gasteiz, Spain	Elay
Mobile Lean	4	Valladolid, Spain	Gestamp, Michelin
Naru Intelligence	3	Donostia-San Sebastián, Spain	Alcor

STARTUPS	EDITION	ORIGIN	CORPORATE PARTNERS
BIG DATA - ADVANCED ANALYTICS			
Obuu	2	Madrid, Spain	Repsol-Petronor
Optimitive	2	Vitoria-Gasteiz, Spain	Repsol-Petronor
Osasen	3	Derio, Spain	Faes Farma
Persei Vivarium	3	Madrid, Spain	Faes Farma, Quirónsalud
Skootik	2	Donostia-San Sebastián, Spain	BATZ
Taniwa Soluciones	4	Madrid, Spain	Siemens Gamesa
Tyris AI	3	Valencia, Spain	RPK, Sener
Vixion Connected Machine	3	Donostia-San Sebastián, Spain	Cikautxo, Michelin
XABET	3	Donostia-San Sebastián, Spain	Fagor Ederlan Group
Zylk Industry	1	Bilbao, Spain	ITP
Hodeia Digital	5	Bilbao, Spain	Unilever
Savvy Data Systems	5	Donostia-San Sebastián, Spain	Artadi Alimentación, Fagor Ederlan Group, OBE Hettich
innoSEP	6	Hanover, Germany	Ramondin
Heuristik	6	Bilbao, Spain	Osakidetza
Legit.Health	6	Bilbao, Spain	Ulma
ImagoAI Inc	6	United States	Angulas Aguinaga
Metis Labs	6	United Kingdom	Coca Cola
BeChained	6	Barcelona, Spain	Tubos Reunidos
Ancora	6	Vigo, Spain	Danobatgroup
BIO-BASED SOLUTIONS			
Onena Medicines	5	Donostia-San Sebastián, Spain	BTI
Yarok Microbio	5	Jerusalem, Israel. Milan, Italy	Natra
BLOCKCHAIN			
Kaytek	6	Barakaldo, Spain	Okin
CLEAN TECH - SMART CITY			
BeePlanet Factory	5	Pamplona, Spain	Iberdrola, Mercedes-Benz
CYBER PHYSICAL SYSTEMS			
Irisbond	1	Donostia-San Sebastián, Spain	ABB
CYBERSECURITY			
Alias Robotics	4	Vitoria-Gasteiz, Spain	Bridgestone
CounterCraft	2	Donostia-San Sebastián, Spain	Arcelor Mittal, Elecnor
Enigmedia	2	Donostia-San Sebastián, Spain	Danobat Group
EUROCYBCAR	5	Vitoria-Gasteiz, Spain	Euskaltel
Globe Testing	2	Vitoria-Gasteiz, Spain	Euskaltel

STARTUPS	EDITION	ORIGIN	CORPORATE PARTNERS
CYBERSECURITY			
Hdiv Security	3	Donostia-San Sebastián, Spain	Euskaltel
Ironchip	4	Barakaldo, Spain	BATZ, Elecnor
JakinCode	3	Vitoria-Gasteiz, Spain	CIE Automotive, Euskaltel,
Keynetic	2	Bilbao, Spain	BATZ, Danobat Group
NYMIZ SOFTWARE COMPANY SL	6	Bilbao, Spain	EDP
Opencloud Factory	3	Madrid, Spain	Arcelor Mittal, Elecnor
OSANE Consulting	4	Vitoria-Gasteiz, Spain	Euskaltel, RPK
Relyum by SOC-e	2	Erandio, Spain	ITP
RKL Integral	5	Bilbao, Spain	Orona
DIGITAL TWIN			
Oretek	3	Arrasate, Spain	Tubacex
E-MOBILITY			
EPowerlabs	6	San Sebastian, Spain	Petronor - Repsol
ELECTRIC VEHICLE CHARGING INFRASTRUCTURE			
Veltium Smart Chargers	3	Vitoria-Gasteiz, Spain	Iberdrola
FREEZING TECHNOLOGIES			
Acoustic Extra Freezing	5	Helsinki, Finland	Angulas Aguinaga
INDOOR POSITIONING			
GiPStech	5	Rende, Italy	Erhardt
INTERNET OF THINGS			
4T2 Sensors	5	Birmingham, United Kingdom	Tubacex
Algo Engines	1	Navi Mumbai, India	Nem Solutions
Alternative Energy Innovations	4	Terrassa, Spain	Ferrovial
AquaDAT	4	Barakaldo, Spain	Coca-Cola European Partners
Atelei	3	Irun, Spain	Mercedes-Benz
Atten2	2	Eibar, Spain	Mercedes-Benz
Barbara IoT	4	Madrid, Spain	EDP España, Orona
Binary Soul	4	Bilbao, Spain	CIE Automotive, Siemens Gamesa, Tubacex
BYTEK Smart Solutions	4	Bilbao, Spain	Mondragon BDC
CLCircular	6	Mungia, Spain	Angulas Aguinaga, Erhardt, Eroski
Differengin	3	Barakaldo, Spain	Viuda de Sainz
EAVE	3	London, United Kingdom	Viuda de Sainz, Bridgestone
Eccocar	5	Vigo, Spain	Viuda de Sainz
Ega Solutions	5	Vitoria-Gasteiz, Spain	ITP Aero

STARTUPS	EDITION	ORIGIN	CORPORATE PARTNERS
INTERNET OF THINGS			
Embeblue	1	Huarte, Spain	CAF
FaradaIC Sensors	6	Munich, Germany	Arteche
Inalia Innovación y Desarrollo	5	Vitoria-Gasteiz, Spain	GH CRANES, Tubacex
Limmat Group	2	Segovia, Spain	CAF, Sener
MESbook	2	Valencia, Spain	Michelin, RPK
Myruns Smart Control	4	Donostia-San Sebastián, Spain	Coca-Cola European Partners
Nazca Ingeniería SL	6	Alcalá de Henares, Spain	CIE Automotive, Tubacex
Neuron Soundware	3	Prague, Czech Republic	BATZ
Nexmachina Solutions	4	Bilbao, Spain	Mercedes-Benz
Sensing Tex	4	Roca del Vallès, Spain	Quirónsalud
Sticker Control	5	Bilbao, Spain. Colorado, USA	Tubos Reunidos
Stockare	2	Derio, Spain	ABB
TechMass	5	Bologna, Italy. Köln, Germany	Tubos Reunidos
Wearhealth	2	Bremen, Germany	Bridgestone, Mercedes-Benz
WiTraC	3	Valencia, Spain	Aernnova, Arcelor Mittal
Workerbase	5	Munich, Germany	Eroski
Zolertia	2	Barcelona, Spain	Ulma
NANOTECHNOLOGY			
CTECHnano	3	Donostia-San Sebastián, Spain	Danobat Group
NanoCnet	2	Kitchener, Canada	Sener
Nantek	4	Bilbao, Spain	Sener
Nucaps Nanotechnology	4	Noain, Spain	Faes Farma
NANOTECHNOLOGY			
Cooling Photonics	6	Barcelona, Spain	Mercedes Benz
ROBOTICS			
FuVeX	6	Tudela, Spain	Iberdola
Nordbo Robotics	4	Odense, Denmark	ITP
Simumatik	5	Skövde, Sweden	Batz
Steering Machines	6	Barcelona, Spain	ITP Aero
Subsea Mechatronics	5	Las Palmas de Gran Canaria, Spain	Enagás

STARTUPS	EDITION	ORIGIN	CORPORATE PARTNERS
VIRTUAL / AUGMENTED REALITY			
Ipartic Consulting, S.L. (Bexreal)	6	Zamudio, Spain	RPK
OREKA INTERACTIVE, S.L.	6	Donostia-San Sebastian, Spain	GH Cranes, Ingeteam
ViveLab Ergo	6	Budapest, Hungría	Hettich
WASTE MANAGEMENT			
Recircular	6	Getxo, Spain	Mercedes Benz, Sidenor
WEARABLES			
Engidi	3	Barcelona, Spain	ABB
Patia	3	Donostia-San Sebastián, Spain	Keralty

Corporate Venture Clients

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DEPARTAMENTO DE DESARROLLO ECONÓMICO, SOSTENIBILIDAD Y MEDIO AMBIENTE

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