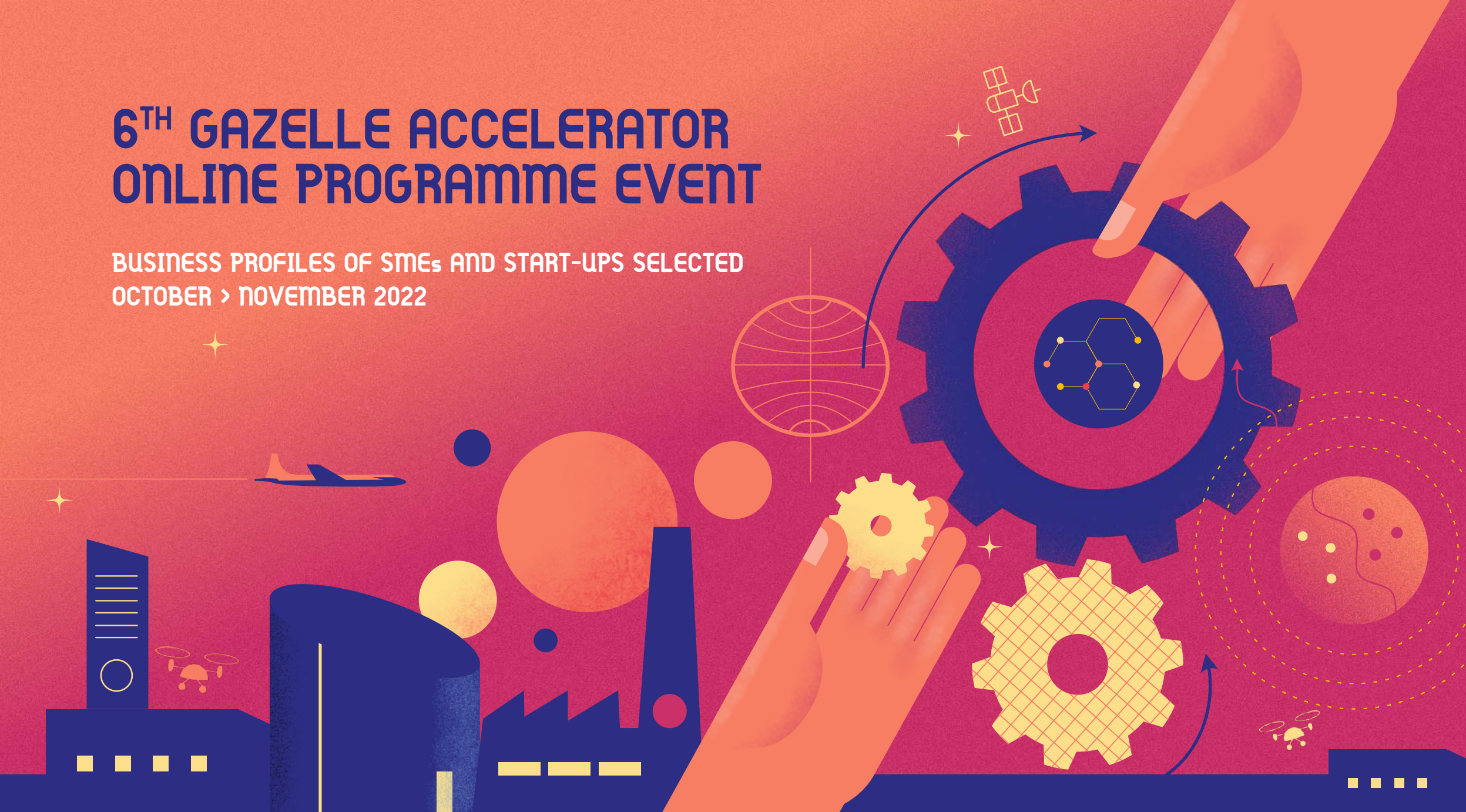


# 6<sup>TH</sup> GAZELLE ACCELERATOR ONLINE PROGRAMME EVENT

BUSINESS PROFILES OF SMEs AND START-UPS SELECTED  
OCTOBER > NOVEMBER 2022



**Gazelle Accelerator was born from a simple analysis :  
European technology based companies have a high-growth  
potential but their expansion is often hindered by the industrial  
fragmentation and by their lack of visibility on the European  
market.**

Therefore, Gazelle Accelerator, business acceleration activity of EIT Manufacturing, aims at supporting existing technology-based companies, SMEs and start-ups; by accelerating their international business and innovation capacities. Gazelle Accelerator will provide SMEs and start-ups with the network and support they need to expand and become the future European Gazelles.

**Uses cases identified are challenges in manufacturing companies  
in the Industry 4.0 topic.**

The aim of this brochure is to provide a business profile overview of the start-ups and SMEs selected to participate to the 6<sup>th</sup> Gazelle Accelerator matchmaking event planned in october and november 2022 .

*Enjoy the reading!*

# PROJECT PARTNERS

.....

**GAZELLE ACCELERATOR'S TEAM IS MADE UP OF INDUSTRIAL, RESEARCH AND ACADEMIC PARTNERS.**

**COMPLEMENTARY EXPERTISE WILL BE USED TO GRADE UP AND ACCELERATE PROMISING START-UPS OR SMES THROUGH OUR AMBITIOUS SUPPORT PROGRAMME.**



## **AEROSPACE VALLEY (FRANCE)**

Aerospace Valley is world's first aerospace cluster, dedicated to the strategic sectors of Aeronautics, Space and Drones, in France. With its 5 excellency ecosystems – Embedded and Communicating Systems, Structures and Mechanical Systems, Propulsion and Embedded Energy, Data and Artificial Intelligence, Products and Services for the Industry, Aerospace Valley drives a supportive, competitive and attractive community, aimed at fostering innovation in view of growth. Ranking among the top three clusters for the performance of its cooperative R&T projects (among which 580 have already been financed),

Aerospace Valley is in charge of animating a dynamic network of international reputation, composed of 850 members (companies, research and training centres, universities and schools, local authorities). Aerospace Valley has as a mission to support the development of the aerospace sector and to increase its competitiveness. To achieve this a critical task is to promote introduction of advanced manufacturing technologies which will improve the competitiveness of the European industry.



## **LINPRA (LITHUANIA)**

LINPRA - Engineering Industries Association of Lithuania. LINPRA is an independent business organisation, representing Lithuanian engineering industry, interests of companies, working in metal, machinery and equipment, electromechanics and electronics, plastics and rubber industry on international and national level.



## **ROBOHOUSE ( NETHERLANDS)**

RoboHouse is a centre for robotics, headquartered in Delft, Netherlands. RoboHouse is powered by the Robotics Institute of Delft University of Technology. RoboHouse aims to facilitate collaboration between researchers, governments and enterprises. Currently, RoboHouse is looking to attract robotics companies and researchers in the field of robotics in order to facilitate this collaboration.





## LMS (GREECE)

The Laboratory for Manufacturing Systems & Automation (LMS) is oriented on research and development in cutting edge scientific and technological fields. LMS is involved in a number of research projects funded by the CEU and European industrial partners. Particular emphasis is given to the co-operation with the European industry as well as with a number of “hi-tech” firms. LMS is organized in three different groups: 1) Manufacturing Processes Modelling and Energy Efficiency, 2) Robots, Automation and Virtual Reality in Manufacturing, 3) Manufacturing Systems and it has a fully equipped machine shop that contains high payload industrial robots, collaborative robots and machine tools.



## FAST TRACK ACTION (PORTUGAL)

Fasttrack Action is a subsidiary company of Fasttrack Ventures, an early-stage investment fund that invest in early-stage digital & deep-tech companies. FTA is dedicated to providing support to startups launching and growing their business, including:

1. Finding the most appropriate funding scheme (private, public or a combination)
2. Developing strategic business plans and innovation strategies
3. Mentoring, coaching, networking events and portfolio management.



## ATOS (BELGIUM)

Atos is the global leader in secure and decarbonized digital with a range of market-leading digital solutions along with consultancy services, digital security and decarbonization offerings; an end-to-

end partnership approach. A net-zero pioneer in decarbonization services and products, our commitment to the future extends to carbon-neutrality for our organization as well as our clients and partners. Together, we’re a force pushing the boundaries of scientific and technological excellence to ensure that everyone can live, work and thrive sustainably in a secure information space. Supported by the talent and diversity of 107,000 employees in 71 countries, we generate an annual revenue of €11 billion.

4



## FONDAZIONE GIACOMO BRODOLINI (ITALY)

Fondazione Giacomo Brodolini is a group that includes Fondazione Giacomo Brodolini, a non-profit organisation that deals with cultural and research activities on the subject of work and social inclusion, and Fondazione Giacomo Brodolini Srl SB (Benefit Corporation) that carries out projects and studies and offers consultancy and advanced training services.

FGB’s work is deeply rooted in the values of social inclusion, local cohesion, sustainability, and digital innovation for economic growth, equal opportunities, and access to the job market through skills development, gender equality, and cultural diversity advocacy, civic participation for local development.





European manufacturing accelerator

## Gazelle Accelerator in a nutshell

↑  
INDEX



118

SMEs and start-ups integrated into the programme since 2020



18

Countries covered in Europe



190

Qualified business or finance analysis delivered



40

Uses cases & challenges identified with industrial corporates



150

Connections made between SME's and corporates and/or investors

# INDEX

GAZELLE ACCELERATOR .....	2
PROJECT PARTNERS .....	3
GAZELLE IN A NUTSHELL .....	5

## STARTUPS DIRECTORY

AIRUDIT .....	8
ALTERIA AUTOMATION .....	9
AQUILA DATA ENABLER .....	10
DAK-MEKATRONIK-AEROSPACE .....	11
DCO2 .....	12
GOODFLOOW .....	13
HOLIS CONSULTING .....	14

IMAGIN-VR .....	15
MECABOTIX .....	16
MERANTIX AG .....	17
MIURA SIMULATION SAS .....	18
OMEGA 365 FRANCE SARL .....	19
PACKITOO .....	20
PRODITEC SAS .....	21
R&DNANO .....	22
SMARTCONNECT IOT .....	23
U-SENSE.IT SRL .....	24

TIMELINE .....	25
CONTACTS .....	26



# **BUSINESS PROFILES OF INNOVATIVE SMES AND START-UPS SELECTED TO THE 6<sup>TH</sup> GAZELLE ACCELERATOR PROGRAMME**





### Company identification

**Location:** Pessac, France

**CEO:** Philippe LEBAS

**Website:** [www.airudit.com](http://www.airudit.com)



### Company history

**Year founded:** 2013

**Employees:** 21



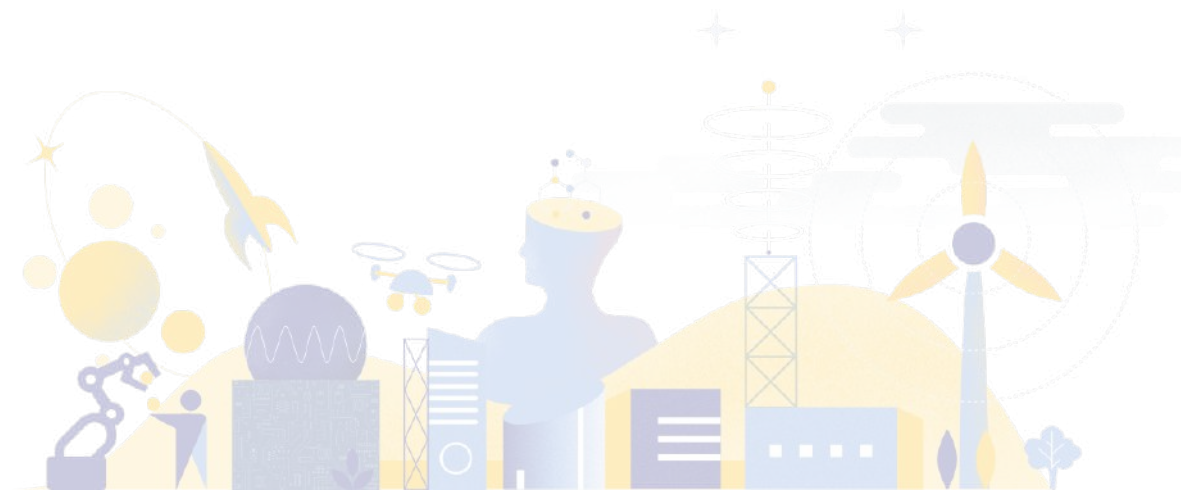
### Company presentation

Conception of human-machine interfaces based on vocal Artificial Intelligence. Our technology is embedded, independent of any web connection. It is adapted to complex situation Industry 4.0 or cockpits for transportation system (aircrafts, automobiles, ships,...)



### What distinguishes their technical proposal

Our technology is embedded, miniaturizable and able to understand several questions in the same phrase.







## Company identification

**Location:** Madrid, Spain

**CEO:** Alfonso Luis Gordon Minguez

**Website:** [www.alteriaautomation.com](http://www.alteriaautomation.com)



## Company history

**Year founded:** 2016

**Employees:** 7



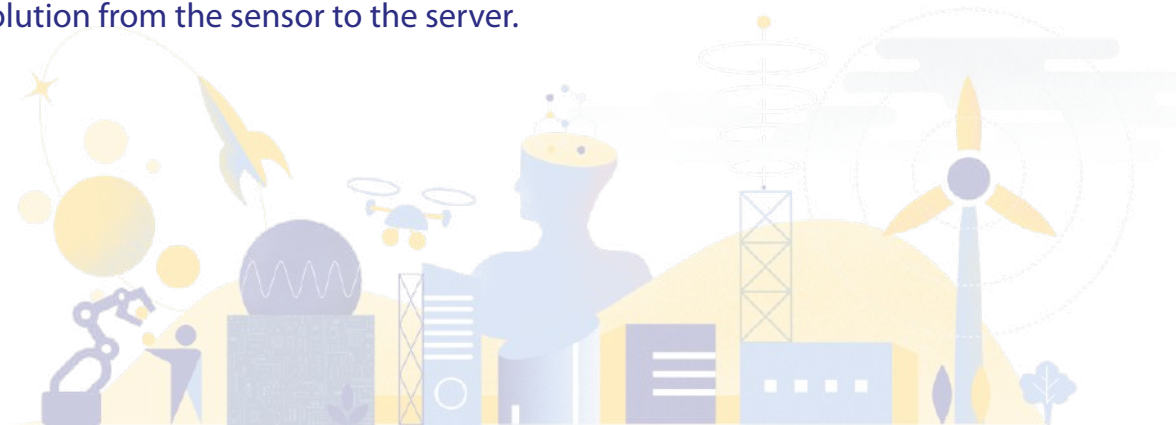
## Company presentation

ALTERIA is a high-tech electronics engineering company. We are specialized in the design and manufacturing of custom smart sensor solutions. Our sensors feature embedded edge (non-destructive data pre-processing right at the sensor). Over the last years, ALTERIA has developed turn-key solutions integrating custom-made time-series data servers.



## What distinguishes their technical proposal

While thousands of start-ups and seasoned companies are developing software-only solutions, Alteria has a different approach. We manufacture smart hardware to gather real data. We are one of the few European companies developing and fabricating true Smart Sensors, right here, in Europe. We integrate the connectivity solution, thus sensors are not isolated hardware. Also, we can either integrate our sensors in existing data servers or provide a turn-key solution from the sensor to the server.





### Company identification

**Location:** Courbevoie, France

**CEO:** Stéphane GEORGE

**Website:** <https://www.aquiladata.fr/>



### Company history

**Year founded:** 2004

**Employees:** 44



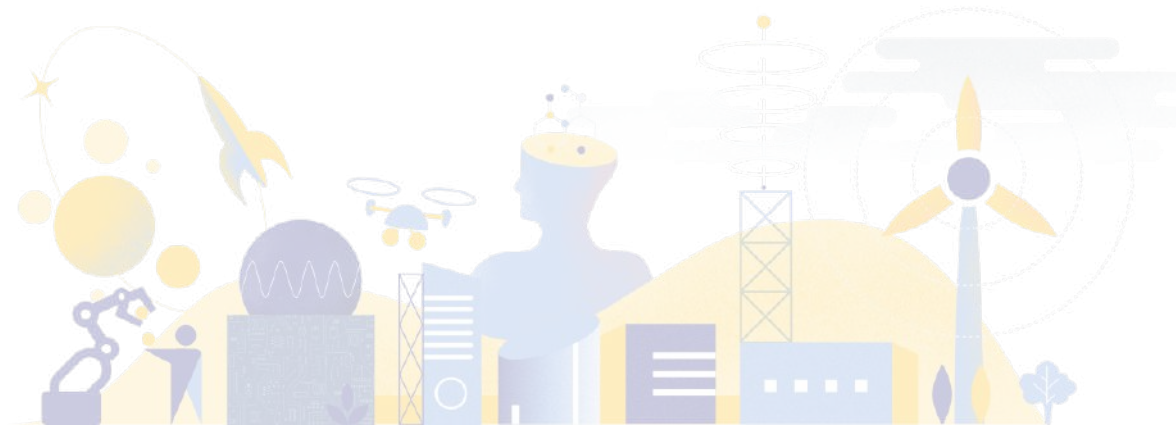
### Company presentation

Aquila Data Enabler is a research and development firm specialized in data science / artificial intelligence. We develop custom-made AI models and algorithms for our customer's industrial applications. We work on all types of data (time series, documents, images and videos) for applications such as predictive maintenance, quality control etc.



### What distinguishes their technical proposal

Our solutions distinguishes itself from competitors because the forecasting is completely automated, it allows to build virtual sensors, thus leading to AI-based digital twin, it is usable by a large scale of experts: developers, data scientists but also experts (maintenance, supply chain etc.) with no previous knowledge of data science. It is also to be noted that this solution already won an award and was validated by industrial leaders.





# DAK-MEKATRONIK-AEROSPACE

↑  
INDEX

11



## Company identification

**Location:** Auch - France

**CEO:** David Alain KABEYA MUADIAMVITA

**Website:**

[www.dak-mekatronik-aerospace.com](http://www.dak-mekatronik-aerospace.com)



## Company history

**Year founded:** 2021

**Employees:** 2



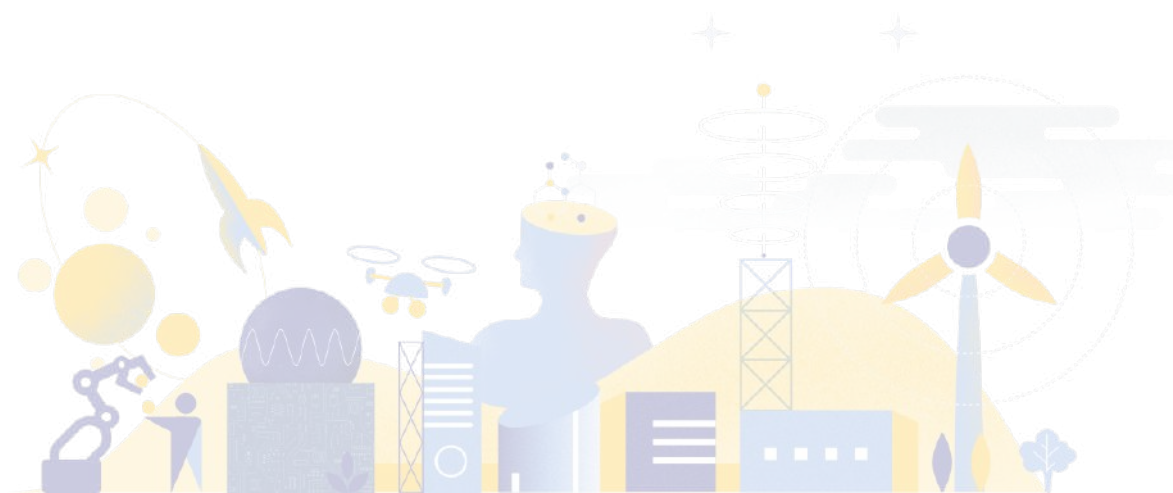
## Company presentation

Dak-Mekatronik-Aerospace is a new aircraft manufacturer, a prime contractor - airline pilot training segment - architect of disruptive solutions, of the best pedagogical tools: AATD cockpit trainer, multi-axis full-flight simulator and the first training airliner - specifically dedicated to the training of airline pilots to excellence, on the ground and in the air.



## What distinguishes their technical proposal

To date, there are no training airliners outside the programme we are working on (no company would be able to train on a real airliner - cost issue).







### Company identification

**Location:** Cugnaux, France

**CEO:** Maxime Boiville

**Website:** [www.dco2.fr](http://www.dco2.fr)



### Company history

**Year founded:** 2021

**Employees:** 5



### Company presentation

Helping low carbon transition of industrial companies thanks to technology. We are offering SaaS softwares allowing:

- Data collection
- Company activities carbon footprint calculations
- To build an emissions reduction plan
- Emissions monitoring and tracking



### What distinguishes their technical proposal

We are proposing a way to measure accurately emissions coming from big value chains. Existing solutions are offering 2 main alternatives: financial ratios and/or industry averages. The limits of these methods are:

- The only way to reduce carbon footprint is to reduce the number of bought/saled products (hardly understandable for a company)
- All suppliers are using the same average data, so they can not be compared in terms of sustainability.

Our approach solves these two issues.





## Company identification

**Location:** Nantes, France

**CEO:** Ronan Le Roy

**Website:** [www.goodflow.com](http://www.goodflow.com)



## Company history

**Year founded:** 2020

**Employees:** 15



## Company presentation

GoodFlow automates the tracking and management of industrial returnable packaging. Unlike its competitors, it does not geo-locate the packaging but provides the proof to identify the user responsible of each packaging 24/7, anywhere in Europe, without infrastructure (Gateway). Our solution is fully eco designed and audited by ADEME.



## What distinguishes their technical proposal

GoodFlow is the only solution that combines 3 features: - Identifies legally which industrial site is responsible for which packaging and from when to when - Offers IoTs that last longer than the packaging (>7 years) while being on standby 24/7, because manufacturers do not change the batteries, they replace the entire IoT - Do not need infrastructure (antennas on the walls) because these initial investments never pay off





## Company identification

**Location:** Pau, France

**CEO:** Guillaume Renaud

**Website:** <https://holis-consulting.com/>



## Company history

**Year founded:** 2020

**Employees:** 11



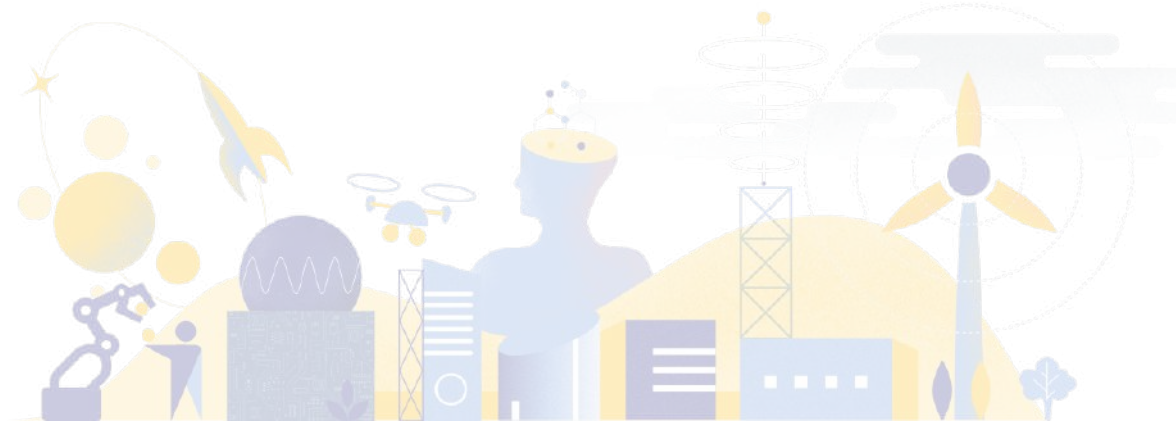
## Company presentation

We are an engineering & consulting company for maintenance & inspection. We developed a software suite to digitalize inspection/maintenance processes. We help industries to safeguard their infrastructures with digitalized, safe, and performant inspection engineering.



## What distinguishes their technical proposal

Our main asset against our competitors is our dual expertise in inspection & digital, which allows us to use state-of-the-art digital technologies to enhance engineering services. Our Digital solutions are developed by inspection specialists in collaboration with field inspectors and industrial end users. Our mobile app is able to locate damages on drawings and manage measuring points. We are able to customize our apps to fit customer requirements and management system.







## Company identification

**Location:** Laval, France

**CEO:** Marc TRAVERS

**Website:** [www.imagin-vr.com](http://www.imagin-vr.com)



## Company history

**Year founded:** 2018

**Employees:** 4



## Company presentation

Imagin-VR develops, designs and markets (for sale or rent) immersive, interactive and collaborative "turnkey" Virtual Reality solutions: 2 patented Cave and Powerwall solutions (3D projection rooms) offered in a fixed version (Design Office and/or Showroom) and in a mobile version (3D project review, Prototyping, VR work sessions on customer sites).



## What distinguishes their technical proposal

Imagin-VR is the only one to offer:

- Mobile CAVE with 5 movable projection screens on industrial sites: Cube-VR Compact (3mx3m on the ground); Quick installation (2h00); Patent of invention 2022
- Ultramobile Powerwall with large screen wall projection: Suitcase-VR Ultra-short focal length projection (W3.40 m x H2.50 m) Quick installation (5 mins) Patent of invention 2021
- A software suite "turnkey" 3D project review
- Service for rental (on customer sites) and for sale (BE, showroom).





## Company identification

**Location:** Toulouse, France

**CEO:** Jean-Christophe Fauroux

**Website:** [www.mecabotix.com](http://www.mecabotix.com)



## Company history

**Year founded:** 2021

**Employees:** 2



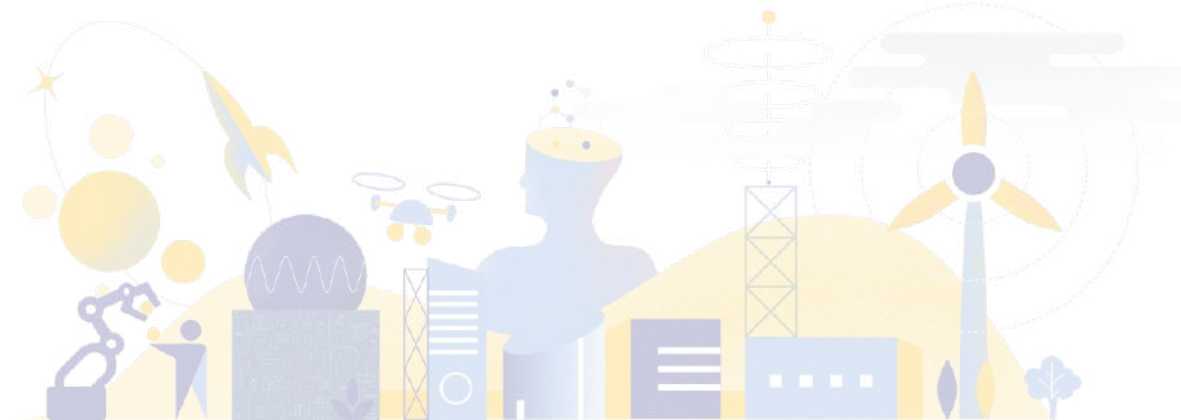
## Company presentation

MecaBotiX is a company specializing in innovative mechanics and robotics. It designs, produces, and markets the M3-Cooper robots, Modular Mobile Manipulators capable of cooperating with each other like ants carrying loads of sometimes considerable size and weight.



## What distinguishes their technical proposal

Our solution adapts to existing warehouses, without the need to buy specific racks or to smoothen the floor, thanks to exceptional robot stability. The acquisition cost is affordable due to standardization of the modules. The operational cost of the warehouse can be significantly decreased if the racks are reconfigured with 1.5 m wide aisles instead of 3.2 m or 3.5 m, which can translate into at least 25% improvement in storage density. Our robots can be customized to pass through narrow aisles.





## Company identification

**Location:** Berlin, Germany

**CEO:** Maximilian Fischer

**Website:** <https://www.merantix.com/>



## Company history

**Year founded:** 2016

**Employees:** 3



## Company presentation

We are Merantix, a german-based AI venture builder. We are incubating a new stealth venture in the field of manufacturing. This new venture wants to give European manufacturers a competitive edge and unlock the full productivity potential of their workers with the help of computer vision and AI.



## What distinguishes their technical proposal

Until now, motion time studies have been done manually with “a stopwatch, pen, and paper.” We want to digitize this process and give manufacturers transparency on what is happening on the shop floor. Manufacturers have all the data they need from their machines; we are helping them see the whole picture by providing them with data about manual assembly processes. This data will help them precisely track each work step of your assembly process, measure time and identify improvement potential.







## Company identification

**Location:** Nantes, France

**CEO:** Jose Vicente AGUADO

**Website:** [www.miurasimulation.com](http://www.miurasimulation.com)



## Company history

**Year founded:** 2020

**Employees:** 7



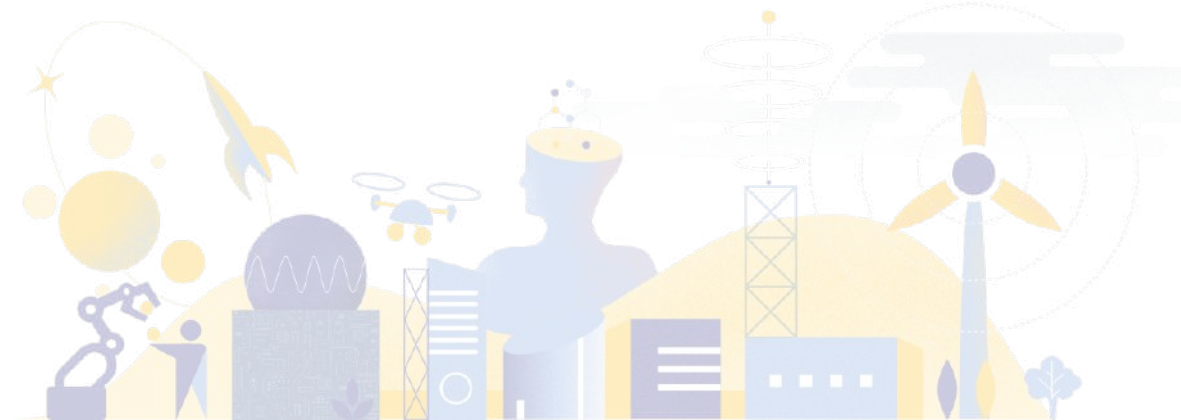
## Company presentation

Miura Simulation is an engineering software company that specializes in real-time simulation. We provide solutions to embed the power of scientific computing on portable devices and Digital Twin applications, helping engineers and factory operators make better decisions.



## What distinguishes their technical proposal

Miura has developed a new generation of machine learning methods for scientific computing that is differentiated by: Its compatibility with traditional software, which can be interfaced as a black-box, with no need for code reimplementation. The use of an active learning technology that minimizes the amount of data required to train a model. Compared to traditional software, these features allow to create simulation applications that can be executed in real-time on portable devices.





## Company identification

**Location:** Pau, France

**CEO:** Petter Aalvik

**Website:** [www.omega365.com](http://www.omega365.com)



## Company history

**Year founded:** 2019

**Employees:** 12



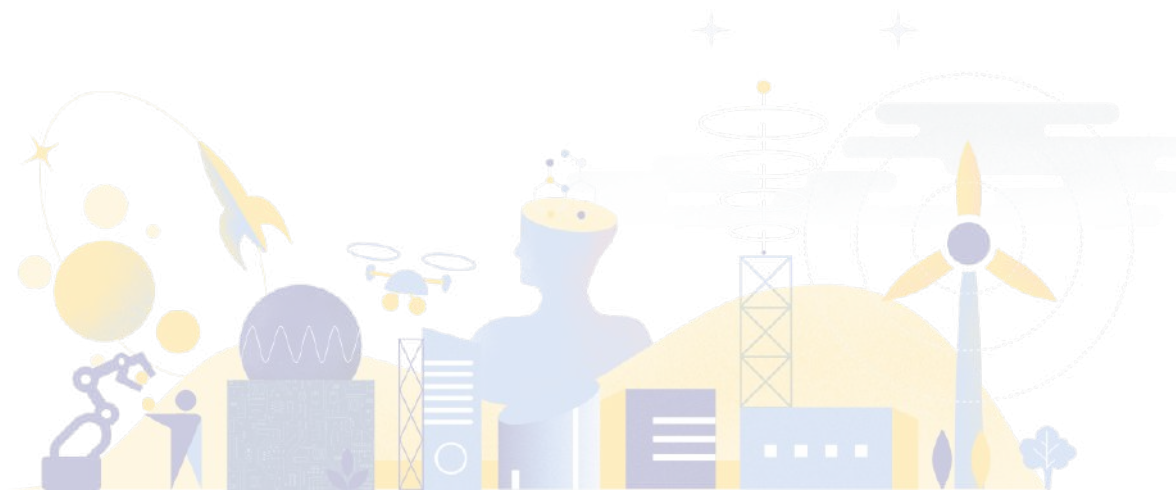
## Company presentation

Omega 365's tested and proven project information management solution has been utilized to run large projects in the energy and transportation sector. The Company started in 1991 in Norway and opened a branch in France in 2019.



## What distinguishes their technical proposal

Omega 365 Pims is available on premises or on Omega Cloud or on Client Private Cloud. Omega 365 is ISO 27001 certified for cyber security.





### Company identification

**Location:** Pau, France

**CEO:** Thomas Othax

**Website:** <https://hipe.packitoo.com/>



### Company history

**Year founded:** 2017

**Employees:** 10



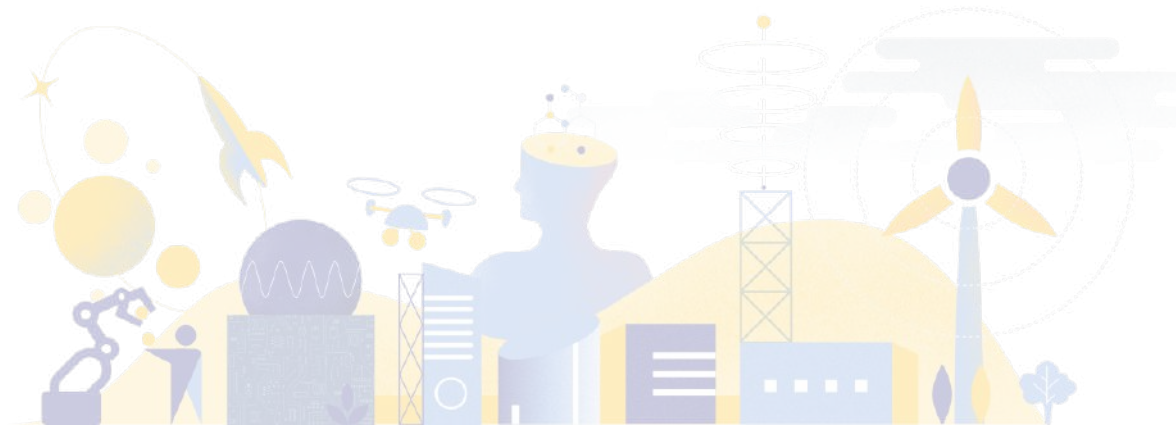
### Company presentation

Packitoo is a French startup that has 2 businesses: Connect (<https://marketplace.packitoo.com/>) and HIPE. HIPE is a product configurator for cardboard packaging converters to accelerate and automate their sales process; based on production data.



### What distinguishes their technical proposal

Packaging specific MIS/ERP offer advanced quoting system, with manufacturing process generation. Yet ERP systems are not done for sales and ecommerce (opened for clients). Ecommerce solution are too generic, and require a lot of investment to cover all packaging configuration characteristics (form, sizes, options, materials, print options, finishes options) and do not include MIS/ERP quoting systems. HIPE completes this lack for both systems and acts as the best of both worlds to bridge the gap.







## Company identification

**Location:** Pessac, France

**CEO:** Julien Marjac

**Website:** [www.proditec.com](http://www.proditec.com)



## Company history

**Year founded:** 1987

**Employees:** 45



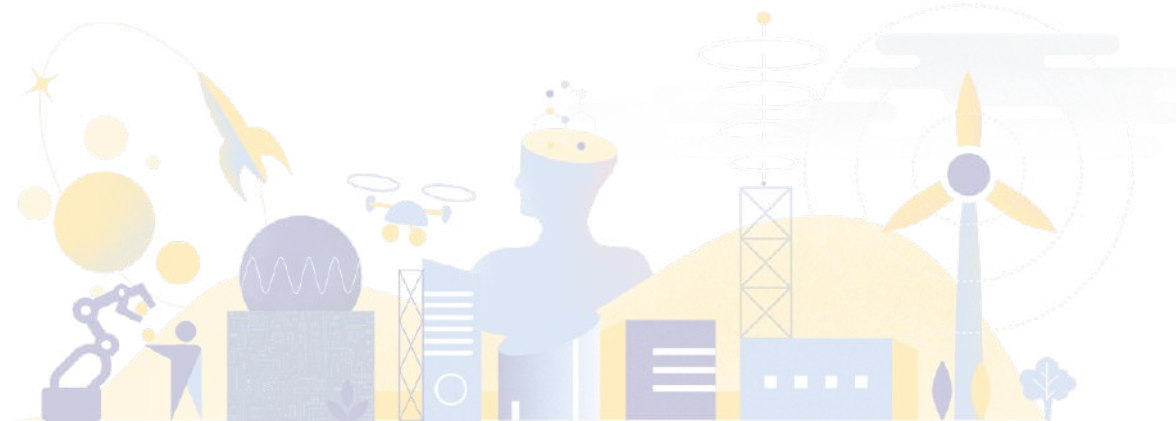
## Company presentation

With more than 400 machines in over 40 countries, Proditec is a leading manufacturer of automatic inspection machines in the pharmaceutical and in the minting industry. Proditec inspection machines have become the manufacturing standard for ensuring the highest quality of pharmaceutical tablets and capsules. 85% of turnover is done in the Pharmaceutical market with over 90% export.



## What distinguishes their technical proposal

In the Pharmaceutical market, Proditec has a complete range of products so that the customer can choose the right mix between output/price/flexibility: low, medium, high output, tablets only, capsule only, tablet & capsule together. (Output up to 600K objects per hour, detection accuracy down to 100 microns). Computer Vision technology combined with AI is used to maximize the detection rate while minimizing the false rejection rate.





## Company identification

**Location:** Duppigheim, France

**CEO:** Martin Levy

**Website:** [www.rdnano.fr](http://www.rdnano.fr)



## Company history

**Year founded:** 2007

**Employees:** 3



## Company presentation

R&Dnano is an expert company in sol-gel technologies for customized eco-responsible coatings and surface treatments for industry that provide properties such as conduction or insulation, anticorrosion, super-hydrophobic or oleophobic, lubricant, leveling, biocide...



## What distinguishes their technical proposal

Most marketed superhydrophobic coatings rely on a delicate micro or nano structure for their repellence—this structure is easily damaged by abrasion or cleaning. An important characteristic to consider our SHC's is their ability to be applied on any kind of material, metals surfaces, molded polymers, paints, ceramics. Our SHC has been tested successful on polycarbonate sheets. The sheets have been thermoformed under 250°C and 100 bars and we do not see any changes in properties. Moreover we demonstrate an oleophobic behavior. The thickness is approximately of 5µm and do not modify the surface aspect. Abrasion tests show a high resistance.





## Company identification

**Location:** Labege, France

**CEO:** Sahid Sesay

**Website:** [www.smartconnectiot.com](http://www.smartconnectiot.com)



## Company history

**Year founded:** 2021

**Employees:** 5



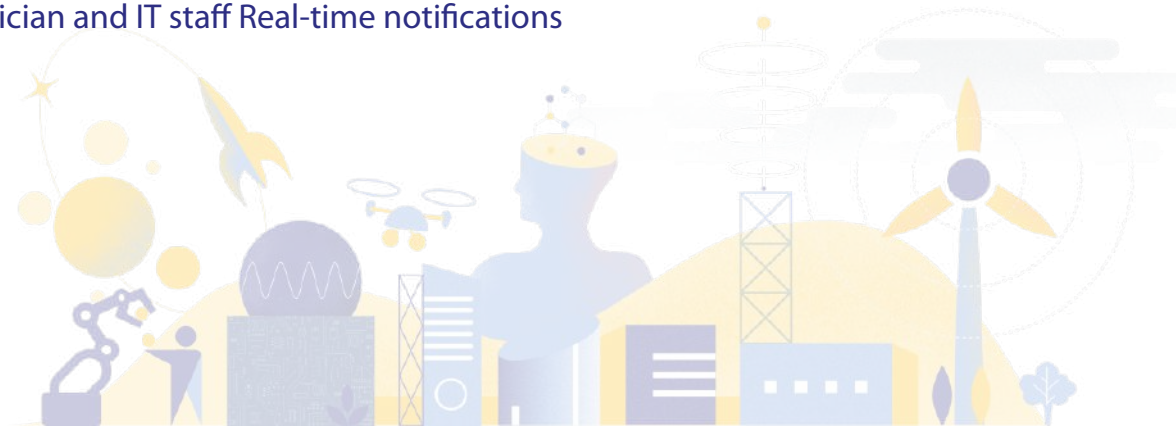
## Company presentation

With SmartConnect no code edge compute software, companies securely and cost-effectively capture, stream, drive & manage operations and insights. Removing complexity and delivering digital transformation ambitions effortlessly by connect every device/sensor/camera, system integrators deliver non-invasive successful IoT/IIoT, Industry 4.0, Smart City solutions for their clients.



## What distinguishes their technical proposal

Secure, internet facing no-code software solution for integration provides 6X quicker and 9X less expensive Industry 4.0 digital transformation projects Captures, normalizes, aggregates and delivers disparate sensor/device/equipment data to any analytics and/or asset management platform Network agnostic (wired/wireless/satellite). Limitless connectivity Infinitely scalable deployments System of systems (M2M) solutions Only need qualified electrician and IT staff Real-time notifications





## Company identification

**Location:** Ancona, Italy

**CEO:** Nicola Paone

**Website:** [www.u-sense.it](http://www.u-sense.it)



## Company history

**Year founded:** 2020

**Employees:** 6



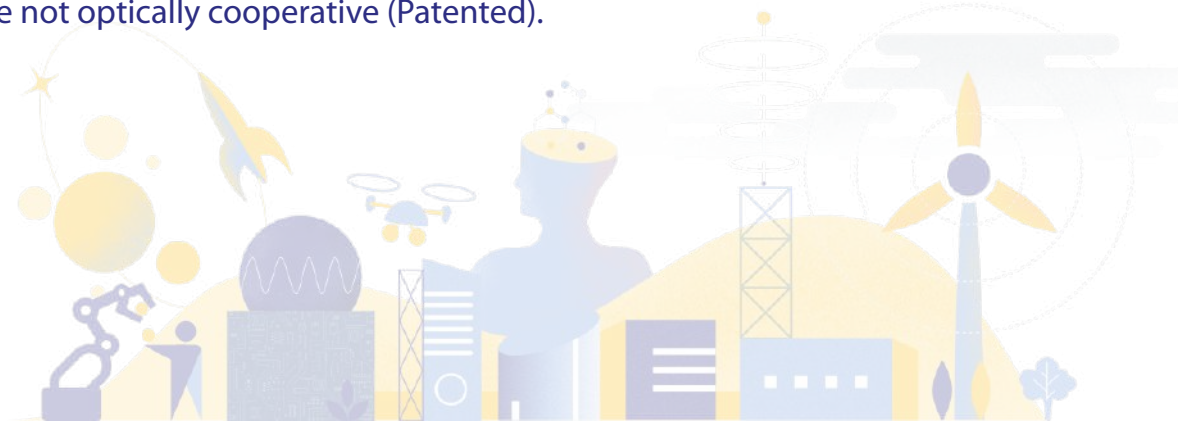
## Company presentation

U-Sense.IT is an innovative start-up targeting the specific market of portable and smart optoelectronic sensor for non contact measurements. Its mission is to provide SMART measurement systems to empower operators in the Human Centric Manufacturing and to bidirectionally connect operators to the digital factory network. The team has very good competences on non contact measurement techniques.



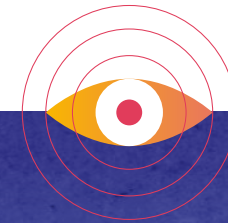
## What distinguishes their technical proposal

G3F is specifically designed for a human-centric approach to manufacturing. It is different for its miniaturized and ergonomic characteristics based on a miniaturized laser line triangulation sensor and dedicated digital electronics designed for edge computing with the implementation of AI algorithms, to solve the problems originating when humans perform measurements by hand-held instruments and when optical instruments are used on surfaces which are not optically cooperative (Patented).





# Gazelle Accelerator 6<sup>th</sup> edition Timeline



## B2B meetings

MARKET AND INDUSTRIALS DAYS  
FROM 14.11 > 02.12

## B2F meetings

INVESTORS AND FINANCE DAYS  
FROM 14.11 > 02.12

## Collaboration meetings

VALUE CHAIN DEVELOPMENT DAYS  
FROM 14.11 > 02.12

FOLLOW-UP  
05.12 > 03.03.23

- > Start-ups and SMEs
- > Industrials
- > Investors
- > Contracts signatures (offers, sales, NDA...)



**gazelle  
accelerator**

Matching manufacturing  
challenges with innovative  
solutions.



**eit** Manufacturing



Co-funded by the  
European Union

11.11

Deadline for A2M  
& A2F video pitch  
recording

20.10

Investment  
Workshop 2H

13.10

Innovation  
Workshop 2h

10.10

Kick-off  
Meeting

COMMUNITY BOOSTER CAMP DAYS  
10.10 > 11.11

11.10 > 14.10

Mentorship  
Part.1  
*Self-Assessment*

17.10 > 21.10

Mentorship  
Part.2  
*Action Plan*

24.10 > 10.11

Coaching  
Sessions  
A2M + A2F



# CONTACT US



**Florian RUF**

Project Manager at Aerospace Valley  
Mobile: +33 (0)6 64 99 64 34  
E-mail: [ruf@aerospace-valley.com](mailto:ruf@aerospace-valley.com)



**Panagiotis Karagiannis**

Project Manager at LMS  
Mobile: +30 6942 52 56 10  
E-mail: [karagiannis@lms.mech.upatras.gr](mailto:karagiannis@lms.mech.upatras.gr)



**Debora Greco**

Project Manager at FGB  
Mobile: +39.3495 576 784  
E-mail: [greco@fondazionebrodolini.eu](mailto:greco@fondazionebrodolini.eu)



**Joana Vide Pereira**

EU Programmes Manager at FastTrack VC  
Mobile: +35 1211 902 408  
E-mail: [jpereira@fasttrack.vc](mailto:jpereira@fasttrack.vc)



**Thais Fagundes**

Creative Project Manager at FGB  
Mobile: + 39 3663951250  
E-mail: [fagundes@fondazionebrodolini.eu](mailto:fagundes@fondazionebrodolini.eu)



**Jūratė Gamulienė**

Project Manager at LINPRA  
Mobile: +370 64560961  
E-mail: [jurate.gamuliene@linpra.lt](mailto:jurate.gamuliene@linpra.lt)



# THANK YOU FOR YOUR ATTENTION :)

[www.gazelle-accelerator.eu](http://www.gazelle-accelerator.eu)

