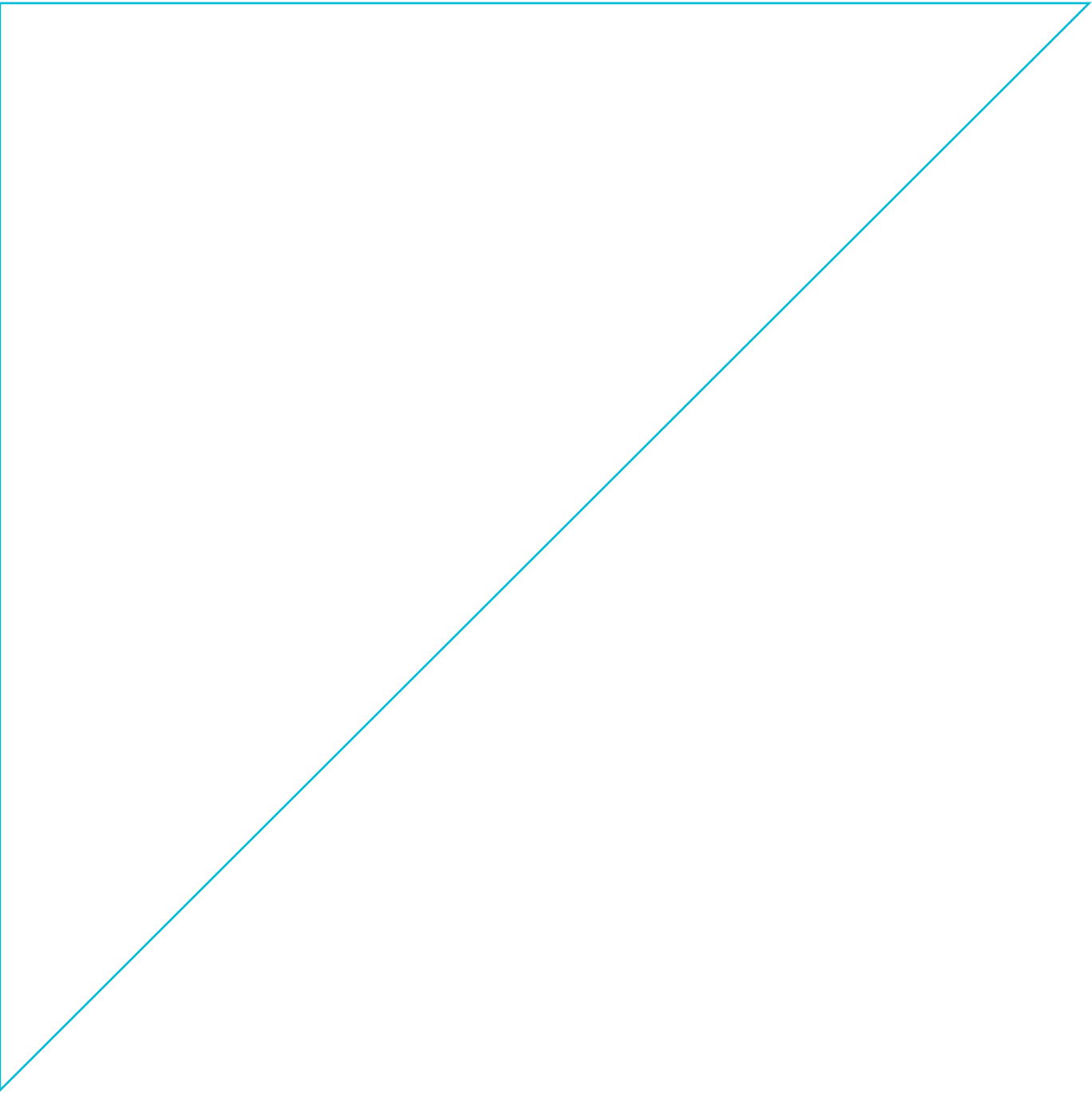
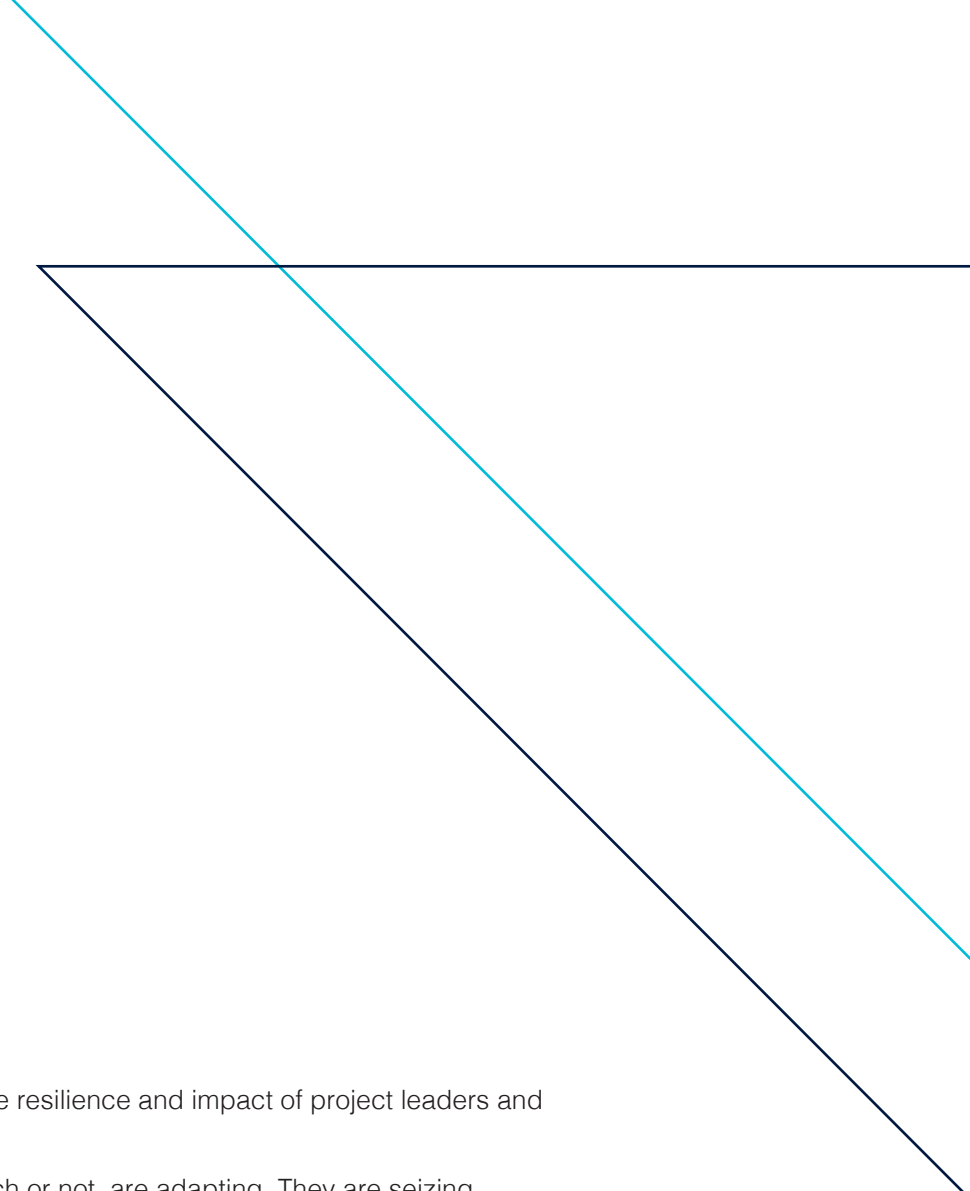


START-UP BOOK 2025

Les Grandes Écoles des grands défis ▼





IMT's Start-up Book 2025 highlights the resilience and impact of project leaders and creators.

Our start-up, whether they are deeptech or not, are adapting. They are seizing opportunities. They are catalysts for transformations, fostering responsible innovation by design.

They contribute to accelerating reindustrialization and strengthening sovereignty. They respond to the environmental emergency with solutions and services aimed at carbon neutrality. They promote a resource-efficient digital approach in the material, immaterial and informational production of companies.

More broadly, they help increase competitiveness in key sectors such as digital technology, energy, society, health, sustainable cities, and education.

The start-up are backed by the training, research, and economic development expertise of the eight IMT's technological universities of science and management. They rely on cutting-edge scientific and technical research, large-scale platforms, and expertise in human and social sciences developed within the universities. They also benefit from a vast network of professionals from the socio-economic world who are partners of IMT.

In addition to personalized coaching programs for scaling up and a system of early-stage loans, the start-up benefit from the dynamic ecosystem of France's leading public incubator network — supporting more than 130 new projects per year, with a five-year survival rate of over 80%, and €100 million raised per year.

These are the conditions to live and succeed in a remarkable human and technological journey — one that shapes major transformations, together.

Summary

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Key differentiators and key figures

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The start-up

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Responsible industry
of the future**
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Digital sovereignty
& sufficiency**
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**02.03
Energy, circular
economy & society**
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**02.04
Engineering for health
and well-being**
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**A national network
of incubators**

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index**

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01.

Key differentiators

IMT's incubators provide entrepreneurs with privileged access to the laboratories and R&D platforms of each technological university. They provide a solution for project leaders that goes far beyond the framework of traditional incubation. As a result, IMT's start-up are characterized by a strong technological core and an outstanding 5-year survival rate of more than 80%.

1 Hosting and advice

Hosting

Legal advice

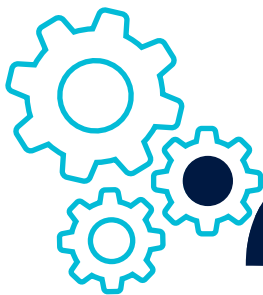
Help defining a Business Model



2 R&D and support

R&D support: setting up collaborative projects and academic expertise

Access to the technological and scientific expertise of IMT laboratories



3 Trials and prototyping

Technological platforms

Functional platforms: Living Labs and FabLabs

Data and AI platform: TeraLab

4



Networking

National network of 500 mentors

Access to students and alumni networks

Support at international trade shows: VivaTechnology, Bits & Pretzels, ...

Learning Expeditions in European innovation ecosystems



5

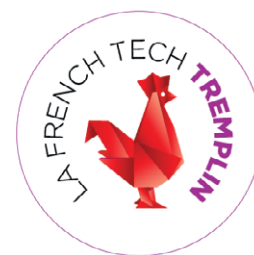
Access to financing

Honor loans with the Fondation Mines-Télécom

Regional and national
BA / VC network

Bercy-IMT Innovation Award





Key Figures

+80 

new start-up
created per year

An average of
100 

millions euros
fundraised per year



13 incubation sites

serving innovation and industry through
their TRL (technology readiness level)
economic development offerings in 9
technological universities of excellence



80%

of which exceed
the 5-year mark
(numbers 2024)

An average of

130 

start-up
incubated within the network per year
including 24 with the French Tech
Tremplin label



02.

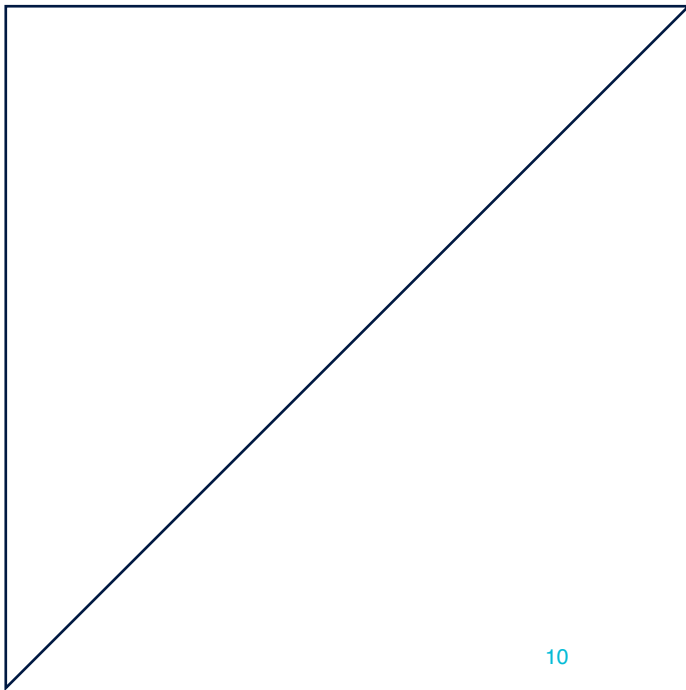
The start-up





02.01

Responsible industry of the future



**AGNOSTIC
PRODUCTION
SYSTEMS SAS**www.aps-industry.com

Industry 4.0



Founded in 2023, Agnostic Production Systems (APS) leads the way in manufacturing innovation with its groundbreaking solution. APS addresses the critical needs of competitiveness, flexibility, and sustainability in industrial production systems. APS offers a modular “Plug & Play” software solution for intelligent control of industrial systems. It connects effortlessly and cost-effectively to machines and software and enables detailed planning, flow optimization, traceability, and environmental impact management. This pioneering solution fosters continuous innovation and underscores our commitment to corporate, social, and environmental responsibility.

**AIR SOLIDE**

Sustainability

Air Solide is developing a Direct Air Capture (DAC) process based on minerals.

**ANEMON SENSOR
(EX PEACH)**

Energies



Anemon Sensors is a deeptech startup developing innovative, high performance sensor systems for air quality measurement. Our star product “AMON Sensor” is the result of more than 10 years of academic research. The AMON Sensor specifically detects ammonia at low concentrations (<100 ppb) with high precision. We also offer a portable multi-sensor platform, called OEEIL, which monitors key pollutants like O3, NO2, CO2, and PM. Our services include sensor calibration and metrological validation to ensure data accuracy. With expertise in air quality sensor technology, we provide tailored solutions for environmental and industrial applications. Contact us for cutting-edge air monitoring solutions.



AUSMOSYSwww.ausmosys.com

Enterprise Solutions

Leveraging over 40 years of combined experience in high-tech engineering, the Ausmosys team designs and develops innovative opto-mechatronics products and solutions for the most advanced industries. You are facing a lack of time or missing some knowledge for your future complex system? Trust us and we will deliver a comprehensive and customized solution that fits your needs.

**AYDEE**<https://www.aydee.app/>

Retail

Aydee is a micro-learning app specialized in luxury and fashion. It helps retail employees learn about the brands they distribute, their values, history, new collections and CSR initiatives.

**BRIGHTCLUE**www.brightclue.com

AI & Data

BrightClue builds and develops 3D recognition solutions for industries. BrightClue is pioneering the processing of 3D and related technical data. We aim to become the leader in leveraging 3D databases.

**BUBBLERAN**<https://bubbleran.com/>

Industry 4.0



We are helping organizations to seamlessly build, operate, and automate their private 4G/5G network and services, in the form of connectivity-as-a-service, by consolidating Open RAN and Cloud-Native compliant architectures with a green service management and orchestrator (SMO) offering more than 100x efficiency and business agility and flexibility (e.g. delivery cycle and upgrade) with lower carbon footprint for a wide range of R&D and enterprise use cases.



BYSCO<https://bySCO.fr/>

New Materials

Byssus biobased textile solution.

**CLOUD VGP**<https://cloud-vgp.com/>

Enterprise Solutions



Cloud-VGP is an innovative technological platform offering a set of tools, software and services dedicated to the VGP profession. Our aim is to make the work of VGP controllers easier and more efficient, while providing them with complementary services free of charge to develop their business.

**CYCLOÏDE**

Industry 4.0

We offer industrial companies a large format 3D printer so that they can produce infinitely thanks to our software integrated into the machine, which will make the user experience intuitive!

**DEEPHAWK**<https://www.deephawk.ai/>

Industry 4.0

DeepHawk is re-inventing AI and uplifting machine learning capabilities, operational performance and frictionless deployment to a brand new level.



HORTUS INNOV

Sustainability



Hortus Innov is dedicated to developing alternative materials from sustainable resources, to decrease environmental impact of Fashion and automobile industries. We are developing an animal-free alternative to leather, from agricultural waste and a biosourced polymer. The new textile will have comparable properties to leather and current petroleum-based alternatives but with a much lower carbon footprint. The success of the transition to more sustainable materials depends on our ability to rethink the way we produce the next generation of materials. Hortus Innov is part of this innovation and sustainable economy approach, using renewable resources to make its new materials. The company aims to contribute to the preservation of the environment and the creation of more sustainable goods.

**LA PALETIÈRE**

<https://www.linkedin.com/company/la-paletière/>

New Materials



We upgrade wind turbine blades for reuse in the construction industry.

**LIAISON R&D**

www.liaisonrd.com/

AI & Data

Liaison R&D is an innovative startup dedicated to optimizing return on investment and providing access to AI/ML research across France, Europe, Africa and the United States. Our focus is on two initiatives: AI services and the DigiMan product.



LOTTECHNOLOGY

<https://lottechnology.com/>

Industry 4.0



The aim of this project is to design a new generation of machine tools for the manufacturing industry. This new machine tool will improve the reliability and efficiency of the manufacturing process, reducing errors and facilitating quality control.



MEDUZE

<https://meduze-cloud.com/>

Enterprise Solutions

Méduze offers a long-term electrical monitoring solution, machine by machine, with the aim of helping manufacturers to precisely identify their costs and therefore optimize them. The Meduze solution is non-invasive and adapts to all environments.



MIREGA

<https://mirega.com/>

Energies

We are developing the first miniaturized gas analyzer capable of measuring low gas concentration and thus actively contributing to the quantification and reduction of greenhouse gases.



MISCANTERRA

Energies

Committed to improving the energy performance of buildings while respecting the environment, Miscanterra specializes in the production and marketing of miscanthus-based insulation panels. This plant offers multiple advantages, such as excellent insulating properties, ease of processing, and its status as a locally available resource.

Today, we offer a semi-rigid thermal and acoustic insulation solution that is ideal for thermal rehabilitation and new construction in the building sector. Miscanterra also addresses site-related issues, reducing installation time, minimizing airborne particles from cutting, and preventing product degradation when exposed to weather conditions.

**MYOTHESIS**<https://myothesis.com/>

Entertainment



Myothesis designs a technological bracelet capable of recognizing all movements of a human hand. This bracelet can be used as a Human-Machine Interface for virtual reality training, medical applications, robot control, as well as for any connected object. In the coming years, this bracelet will be implemented in various medical fields, such as bionic prosthetics, to give amputees the opportunity to perform all lost movements.

Our open-source bracelet allows any user to develop their own innovative project.



OCCEANE

<https://www.occeane.com>

New Materials



At Occeane, we're revolutionizing product design to safeguard our planet and its oceans. Confronted with the plastic waste crisis, we've embraced sustainable innovation by developing 100% natural and biodegradable biomaterials from algae harvested in Brittany. Our flagship product, ALGIFOAM, is a rigid foam made from algae, designed for multiple markets such as luxury packaging, general packaging, and technical markets like aerospace. These materials are not only aesthetically pleasing but also high-performing, transforming natural resources into eco-friendly solutions without compromising our ecosystem's future. Join us in creating a cleaner, greener world.



RENARDO

<https://www.linkedin.com/company/renardo-tech/>

IoT



Renardo is a technological innovation facilitator. Renardo is revolutionizing the development of on-board electronics, guaranteeing responsiveness, competitiveness and technological sovereignty. Our mission is to give companies access to a complete industrial solution to overcome human resource shortages, reduce lead times and secure their know-how.



RENODIT

<https://renodit.fr/>

Sustainability



RenOdit only needs an address to offer real estate and construction professionals instant and automated energy renovation scenarios optimized for the specific objectives and constraints of their individual clients.



RHEOCHRONOSwww.rheochronos.com

Industry 4.0



At Rheochronos, we provide cutting-edge instruments for monitoring rheokinetic reactions such as polymerization, gelation, coagulation, and curing. Our technology delivers precise, real-time insights into material transformations, surpassing traditional methods in accuracy and ease of use. Whether for quality control, process optimization, or R&D, our solutions help industries and researchers enhance efficiency, reduce waste, and develop innovative materials. Trusted by leading manufacturers, labs, and universities, Rheochronos is shaping the future of material analysis.

**SCAN BTP
(ASCORBAT)**<https://www.ascorbat.fr/scanbtp>

Enterprise Solutions

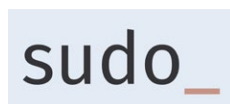


The majority of managers of small construction companies are absorbed by their daily activity, and mainly focus on their technical job. They often lack perspective and anticipation to secure their business, and yet rarely call on consultancy...

SCAN BTP offers them a very concrete self-diagnosis of their daily practices to identify their areas of improvement, and build a simple and effective strategy.

**SUDO**<https://sudogroup.fr/>

Sustainability



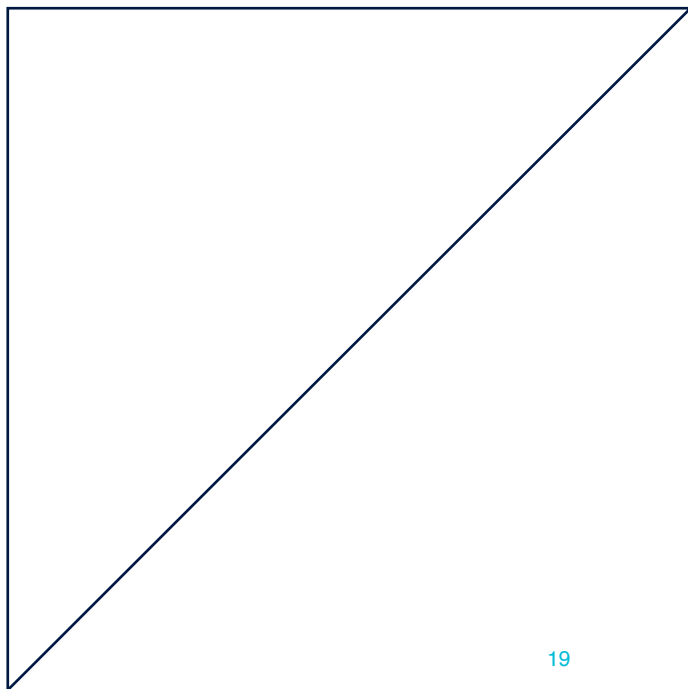
Sudo AI analyzes cloud data to optimize both the cost and carbon footprint of information systems. Currently, IT departments rely on experts — who are scarce and expensive — to identify and implement best practices, often taking 4 to 5 months. The AI-based software eliminates the need for experts and reduces this timeframe to under one hour.





02.02

Digital **sovereignty & sufficiency**



AETHERSCAPE

<https://aetherscape.fr/>

Entertainment



“Step into infinite adventure!”

Ætherscape is an immersive entertainment startup based in Occitania, inspired by tabletop role-playing games. We design and install smart, multi-sensory rooms powered by AI to deliver fully interactive, narrative-driven experiences. Our turnkey solution includes immersive space, dynamic storytelling software, a catalogue of adaptive scenarios, and access to a network of certified freelance Game Masters. Ætherscape offers venues a scalable, plug-and-play model to attract new audiences through unforgettable, ever-evolving adventures.

**AVA HR**

<https://ava-hr.com/>

Enterprise Solutions



AVA HR is the Virtual HR Assistant powered by AI, which saves time on non-value-added and time-consuming missions linked to Human Resources management. Its promise: to save 60% of time on editorial tasks for the entire HR scope (recruitment, personnel management, employer branding...) while guaranteeing the reliability of legal data which is based on French regulations in force.

**BACTECH**

<http://www.bactech.fr/>

Cybersecurity

BACTECH is a computer security training and consulting company competent in the following areas: biometrics, cryptography, smart cards, radio frequency identification, attacks and countermeasures embedded electronic systems. BACTECH is working on the creation of portable biometric authentication equipment with continuous physiological parameter measurement.



BILLABEX

www.billabex.com

Enterprise Solutions

Billabex automatically follows up with your customers on several channels (email, telephone, registered mail, etc.). Our AI is capable of writing, sending and even responding to emails. It is trained by recovery experts to understand the blocking points and find solutions. Its objective is not to harass your late customers but to diplomatically facilitate the payment of invoices.



BLUMANA

<https://blumana.app/>

Retailtech



Blumana uses artificial intelligence to analyze customer feedback and extract data, making these insights immediately usable to inform your business decisions. This approach enables quick action on customer feedback, optimization of product and service strategies, and effective personalization of the customer experience.



CHAT3D

<https://chat3d.ai/>

AI & Data



Our solution is an artificial intelligence software capable of modelling 3D objects from text descriptions. Chat3D was born out of a simple observation: despite the immense potential of 3D printing, its adoption by the general public remains hampered by the complexity of current 3D modelling software. Our ambition is therefore to make 3D modelling as accessible as possible.



CHIMERE

chimere.eu/fr

Cybersecurity

Chimere provides a next-generation stealth remote access solution based on the use of a private darknet-as-a-service fully operated by Chimere. A new way to manage your exposure with cyberstealth. Because you can't attack what you can't see, we provide a solution that makes your assets disappear.



CLC ADVISORY

<https://clcadvisory.fr/index.html>

Enterprise Solutions



Shapersoft™ is a software development platform ensuring reduction in cost and duration, security of your code, software independence, freedom in deployment, long-term maintainability, no cumulated technical debt and perfect project management.



CLICNWORK

<https://clcnwork.io/>

BtoB

Clicnwork is a 100% automated SaaS tool designed to assist recruitment managers in identifying and leveraging candidates already present in their database. Through matching algorithms and machine learning chatbots, we can address a significant volume of candidates simultaneously and obtain real-time information about their availability and aspirations. We provide a tool for recruitment managers to work on their existing pool of candidates, often passive, in order to reactivate them and provide personalized follow-up. New technologies help us create this dynamic career management platform. Our ambition is to revolutionize the labor market by repositioning the candidate at the heart of the concerns. The perfect match is now just a click away!



COCODING

<https://cocoding.ai/>

Software



Cocoding is Your ultimate software development partner. With code generators for over 10 frameworks and 80 programming languages, intuitive APIs, rapid deployment, multicloud support, and seamless frontend-backend-mobile integration, Cocoding is revolutionizing the way you build applications.



COEUR-NETwww.coeur-net.fr

Cybersecurity



Coeur-Net is revolutionizing authentication through cardiac biometric data. By using a person's unique heart signal, it offers a secure and frictionless alternative to traditional passwords. The future of identity verification is safe, continuous, and truly personal.

**COPILEX**www.copilex.com/fr

AI & Data



Gatewai is building Copilex, a secure, reliable, Legal AI assistant, that accelerates and enhances legal work for all businesses.

DASPREN<https://daspren.com/>

Cybersecurity



Thanks to its new data-centric artificial intelligence approach, Daspren is the only solution able to detect pure zero-day ransomware attacks with no history.

**DEFANTS**www.defants.com/en/corporate/company/

Cybersecurity



Defants provides innovative solutions and professional threat investigation Services for all businesses.



DEPLANO<https://deplano.fr/>

Enterprise Solutions

DePlano

DePlano: Quality advice from an expert lawyer in 30 seconds. DePlano allows individuals and professionals to easily and quickly find lawyers whose expertise matches their specific legal needs, and to order all types of services online from them at a clear price.

**DRAFT & GOAL**<https://dng.ai/>

AI & Data

**DRAFT & GOAL**

Draft&Goal automates content creation with its AI-powered no-code platform, unleashing unparalleled efficiency and creativity for businesses through intelligent workflow automation.

**GALEIO**<https://www.galeio.fr/>

AI & Data

Galei

Galeio builds custom foundation models and advanced analytics solutions tailored to complex or unconventional data — including multispectral and radar imagery, multimodal sources, and beyond. We partner with organizations to unlock value from challenging datasets, like SAR imagery over oceans, providing end-to-end services from custom AI model development to scalable deployment and production-ready analytics. Our mission is to make sophisticated AI analytics accessible, reliable, and cost-effective for industries — including defense — where standard solutions fall short.



GEOGEMS

<https://www.geogems.fr/>

BtoB



Geological gemmology: disruptive chronological dating for corundums.



GREEN4CLOUD

<https://green4.cloud/fr>

Enterprise Solutions



Green4Cloud aims to be an eco-responsible provider of sovereign cloud services. Our decentralized data model with eco-designed micro-data centers across the territory ensures ultra-proximity, data sovereignty, security and eco-friendly infrastructure. We prioritize sustainability, reducing energy consumption, network transit, and electronic waste while recovering waste heat. Our goal is to minimize the environmental impact of digital technology.



HIDDEN FIGURES

AI & Data

We provide next-generation Business Intelligence software to help managers make the right decision.



HTD CONCEPT

Enterprise Solutions

We evaluate intangible company assets using innovative algorithms.



ILIADATA
<https://iliadata.fr/>

AI & Data



Building a secure ecosystem for your data. Tailored solutions for securely leveraging protected data. Modern cryptography at the service of your data. With iliadata, break down silos and leverage your data without exposing it. iliadata provides a solution to securely aggregate and evaluate multi-source data without revealing it, without sacrificing security or ease of deployment.

**KEYBAN**
<https://www.keyban.io/>

Enterprise Solutions



Keyban offers a complete web3 infrastructure in SaaS mode for the tokenization of assets for traditional businesses like retail and e-commerce, and more generally for any brand. This solution allows companies to grow, create new revenue streams, and improve customer engagement. We offer specific solutions such as the Digital Product Passport (DPP), enabling second-hand sales, and tokenized loyalty programs. These tools help businesses keep up with market trends, strengthen customer relationships, and optimize revenue from existing operations.

**LIVEO**
<https://www.linkedin.com/company/liveo-page/>

AR/VR



LIVEO Event spreads culture through immersive experiences.



LUMINARY DIGITAL

<https://www.luminary-digital.studio/>

Entertainment



LUMINARY DIGITAL is a French independent development studio working on KOSMOS, a realistic spaceflight game. We are gathering experts all over the world in programming, 3D and sound-design to create a unique mainstream experience.



LYTER

<https://www.lyter.ai/>

AI & Data



We offer an AI-based technology that helps you write your LinkedIn posts.



MELIO

Entertainment



S.A.M is a tool for composing customized music for videos. S.A.M analyzes your video, extracts meaning, tone and feeling, and creates or recommends a soundtrack to match.



MIV

AI & Data

We've developed a new supply chain management system tailored for hospitals.



MOBPTI

<https://www.linkedin.com/in/alexis-mifsud/>

Mobility



We provide software to verify autonomous vehicles.



NALTILIA

www.naltilia.com

Enterprise Solutions

Naltilia is on a path to provide reliable cutting-edge AI solutions that enable all companies to reduce compliance risks internally and across their value chain, building trust with their business partners. As of today, it provides an AI copilot for Chief Compliance Officers, Compliance Lawyers and Consultants to help them stay up to date with their regulatory compliance risks.



NATIVES SPACES

www.native-spaces.com/

Entertainment



Native Spaces is a premium online marketplace for unique event venues, helping people discover, book, and manage inspiring spaces. With a curated selection of properties across Europe, the platform simplifies logistics and offers additional services to elevate every event experience.



NBS FACTORY

<https://www.nbs-factory.com/fr>

Enterprise Solutions



Our project is dual. Firstly, we want to refine and strengthen our offer to make it more attractive and achieve our turnover and profitability objectives. At the same time, while we have developed a first version of our platform which already allows us to acquire our first customers, our development ambition requires improving and completing our platform by integrating in particular our own AI tool.

**NSEVEN**

<https://nseven.xyz/nseven.xyz>

Web 3.0

NSeven

NSeven is a digital distribution technology platform that enables audiovisual rights-holders to expand their market through a global network of resellers. By connecting these resellers to content catalogs, without acquisition costs, NSeven facilitates access to new audiences and unlocks unprecedented and virtuous monetization opportunities, across borders and beyond traditional channels.

**OCTOMIRO**

<https://www.octomiro.ai/>

AI & Data



A solution integrating vision and machine learning algorithms for quality inspection of your products and control of your processes.

**OPALE**

<https://opale.ai/>

AI & Data

OPALE

At Opale, we are shaping the future of deal-making in private markets. We leverage generative AI to empower investors with unparalleled insights and analysis, driving smarter investment decisions.



PAHAPA

<https://pahapa.fr/>

Sport Tech



Pahapa makes 3D models of mountain ranges, with the special feature of marking a GPS track (trail, hiking, etc.).



PAPEROCK

<http://www.paperock.fr/>

Sport Tech



Paperock is an online marketplace for buying and selling shares in real estate investment funds (SCPI) directly between individuals. By cutting out intermediaries, Paperock reduces average commission fees by over 60% and speeds up transactions by a factor of 10—solving two major pain points for investors: long liquidity delays and high entry/exit costs.



PATHWAY

<https://pathway.com/>

AI & Data



Pathway is the single framework for real-time and reactive data products that scale. The company is female-led and deeptech. A Python data processing framework that simplifies development, connects to data sources, and integrates with machine learning libraries for optimal performance.



PEARCODE

<https://pearcode.io/>

AI & Data



Pearcode is revolutionizing digital data archiving with an innovative DNA-based storage technology. Our synthetic DNA memory offers storage capacity a billion times greater than current solutions. Unlike traditional media with a five-year lifespan and costly migrations, our technology ensures data integrity for thousands of years—without consuming energy after writing.



PROXIPLAY

BtoB

We use games as a tool to drive local economic development.

**REEFLECT**
<https://www.reeflect.fr>

AI & Data



What if you could hear with your eyes? Reeflect is a home security solution designed for deaf and hard of hearing people, which transforms any events happening at home into visual/sensorial signals. By combining sensors and AI, we have created a holistic solution capable of warning those who cannot hear differently, with their other senses. It's actually even more than that: we have reconnected them to their environment.

**SCI-FUN GAMES**
<https://scifungames.com/>

Web 3.0



Science for all, fun above all! We design and produce video games that are above all fun, but based on a wide range of fundamental sciences, for the largest possible audience. Our first game, Reveal, is a platformer and puzzle game about particle physics... Scheduled for release in 2024. If you'd like to put your science into play, or build or validate a scientific element in your game, we can help!

**SPECGEN**
<https://specgen.ai/fr/>

AI & Data



Specgen transforms the complex process of responding to public tenders through automation and AI. By simplifying documentation, qualification, and response steps, Specgen empowers businesses—especially SMEs—to win more contracts with less friction.



STEWODY

<https://stewdy.com/>

AI & Data

Stewdy is the AI-powered virtual teacher for all middle and high school subjects.



STRONGHOLD

<https://stronghold-ai.com/>

AI & Data



Stronghold AI believes that our cities and facilities deserve better protection against military threats. We use artificial intelligence to detect targets on a network of cost-effective sensors integrated in an autonomous defense system. In this way, we create a dome of autonomous protection against missiles, drones, wardog robots, troops, tanks, sabotage, crimes, and accidents.



SUNBIOSE

<https://sunbiose.fr/>

Energies

This project focuses on the development of collective self-consumption, more particularly on solar energy. The service developed by Sunbiose is a “meeting site” which technically and socially organizes electricity producers and consumers.



TABLETRACK

BtoB



TableTrack is an application that brings together all the essential tools for managing restaurants. It leverages two AI innovations. As soon as an order is recorded, the AI breaks down the required actions into concrete steps (such as slicing, cooking, and plating) and automatically assigns each task to the most suitable team member. In parallel, our second AI generates optimized schedules that are tailored to the unique constraints of restaurateurs. These predictive timetables anticipate and adjust resources to effectively meet everyday needs. In doing so, TableTrack offers a comprehensive and intuitive solution for enhancing organization and service quality in the restaurant industry.

**TAMTAM**
<https://www.tamtam.ai/>

AI & Data



TamTam builds your TAM (Addressable Market) from your customers to enable you replicate your successes, and helps you sell value to your targets (Strategic Plans for your prospects, news, job changes, etc.).

**TEKSHELF**
<https://tekshelf.fr/>

Retail

€4.7 billion is the amount lost by large retailers in 2021 due to stockouts. Improving shelf availability is a challenge and a lever to increase sales and reduce the flow of unnecessary and wasted goods. Tekshelf offers a solution with intelligent shelving system and an intuitive software to optimize stock management and reduce waste for retailers.



TRADITIOO

Retail



Traditioo is a start-up that develops technical and software solutions to organize the home delivery of high-quality food products in a sustainable manner and by promoting local commerce. The project team consists of two entrepreneurial friends who are keen to support regional artisans by optimizing access and delivery of high-quality products at fair prices.

**VIRTUALX**

<https://www.linkedin.com/company/virtuaalx/>

AR/VR



VirtualX aims to boost the tourism sector through digital and innovative solutions. They offer high-quality virtual and augmented reality services to tourism professionals, alongside traditional marketing approaches. The co-founders are ISCID-CO students specialized in digital marketing and e-business. Their ambition is to revolutionize the travel experience in Hauts-de-France and ultimately become a global benchmark for 3D travel in the tourism sector.

**VNEXIA**

<https://vnexia.com/>

AI & Data



Vnexia develops an edge computing solution to prevent accidents and unsafe situations on worksites thanks to AI.

**WELCOME ACCOUNT**

<https://welcomeaccount.com/>

AI & Data



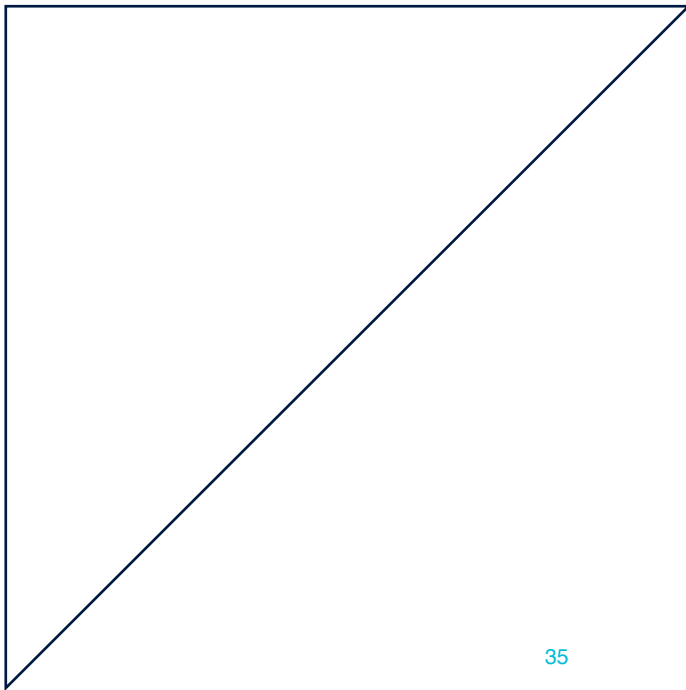
Welcome Account is a neobank that provides simple and inclusive solutions for newcomers in Europe.





02.03

Energy, **circular economy and society**



**ALHOMNA
SYSTEMS**

www.alhomna-systems.com

Energies



Alhomna Systems converts marine and agricultural waste into biogas and biochar using concentrated solar energy. This innovative technology reduces pollution, generates renewable energy, enriches soil fertility, and captures CO₂ by storing it in biochar. A circular and sustainable solution tackling waste and climate change in one process.

**ASH'UP**

<https://lessive-aurore.fr/la-marque/>

Entertainment



Ash'UP aims to use biomass ash from community heating systems, currently treated as waste, to produce and distribute 100% natural consumer products locally. Ash' UP currently produces aurore detergent from this ash.

**BLUE SMART
ROBOTIC**

<https://bluesmart-robotics.odoo.com/>

Mobility

Blue Smart Robotics designs robotic solutions for the aerospace and marine industries. We are currently developing a logistics solution for gliders, called the E-Dolly. Moving a glider on the ground can be cumbersome, typically requiring at least a car, a winch, and human assistance to maneuver the glider around turns. The E-Dolly is a remote-controlled robot that attaches to the tail of the glider, allowing it to be moved more quickly and easily.



BOOZEN

<https://www.linkedin.com/in/jean-baptiste-hugoo-411172151/>

Energies

Boozen is a start-up company that designs and industrializes an autonomous, domestic, and recyclable air cooler based on natural products. Born and raised in the Pays de Saint-Omer, the founder is a craftsman-entrepreneur who wants to develop a sustainable solution for the efficient cooling of small surfaces while being respectful of the environment.



BOUDI

<https://boudi.eco/>

New Materials

“Let’s build circular innovation!”
Boudi is a social and solidarity economy start-up based in Occitania whose mission is to promote the work of people with disabilities by developing and offering innovative formwork solutions for the construction sector. Our products are made from recycled plastics or eco-responsible materials. Resulting from the best of research, they reduce the environmental footprint linked to plastic waste while reducing inequalities linked to disability.



CACTILE

<https://www.cactile.fr/>

Smart cities



Cactile is an impact technology project. His solution is to create a roof that integrates several functions: water storage for different uses, electricity production and of course, water-proofing of housing. Its deployment would be done with local authorities (including financially) so that they can manage the risks of flooding through the storage and release of water.



DROPPI

<http://reutilisationeau.fr/>

Sustainability

Droppi is a web-app that empowers buildings to save water by engaging residents and managers in greywater reuse. Through interactive tools, real-time reporting, and smart alerts, Droppi optimizes the performance of recycling systems, reduces water bills, and ensures regulatory compliance. By turning users into active players, Droppi transforms water saving into a collective, measurable, and impactful effort.

**EDENMAP**

www.edenmap.com/

Mobility

Edenmap designs, develops, and deploys standardized addressing systems and address management solutions worldwide.

**ETTELIOT**

www.etteliot.com/fr/

Mobility

We develop sustainable toilet solutions.

**GIOZA**

<https://gioza.fr/en/>

Energies

Gioza is the first AI-powered, sensorless SaaS energy management solution that helps industrial companies reduce their energy consumption and carbon footprint by up to 20%.



H2OME

<https://www.H2ome.fr>

Sustainability



H2Ome is a start-up involved in designing, manufacturing and marketing eco-designed and sustainable floating structures for individuals, professionals and institutions. The co-founder transforms wetlands and river oxbows into residential eco-districts for the tourism sector and into floating living spaces with no impact on local fauna and flora.



HEXACHIP

<https://www.hexachip.eu/>



We provide an B2B anti-waste marketplace dedicated to electronic components.



LEOGUST/DGB

Energies

Leogust designs, manufactures and markets innovative devices for the storage and distribution of pellets (all types). These solutions are patented and available for several high-potential markets. They will be produced and industrialized in the Hauts-de-France region, favoring essentially local and national supply.



LUMEN AI

<https://lumenenergies.com/>

Enterprise Solutions



We offer real-time monitoring and advanced analytics to optimize renewable energy portfolios.



NOTRELEC

<https://notrelec.fr/>

Energies



This project focuses on the development of collective self-consumption, with a focus on solar energy in particular. The service developed by Notrelec is a “meeting site” which technically and socially organizes electricity producers and consumers.



OCEANOVOX

www.oceano-vox.com/

Sea



We provide climate and oceanic in situ data to support environmental management.



PARTITION

Entertainment



The Partition project aims to make audio streaming social. The social potential of music no longer needs to be demonstrated (festivals, social networks using video, etc.). However, the current experience offered by the platforms isolates the user and pushes them into consumption that they no longer control. By linking an audio streaming platform and a social network, Partition intends to make sharing between friends and musical discovery unprecedentedly intuitive by placing humans at the heart of the activity.



PAXITY<https://pacity.fr/>

Smart cities



Pacity Campus is an innovative SaaS platform enhancing incident management and user feedback in public and private spaces. Using QR codes, our user-friendly WebApp simplifies incident reporting, ensuring quick resolution and satisfaction. It centralizes data, optimizes communication, and integrates seamlessly with existing systems in any campus, public space, industrial site, etc. Focused on simplicity and efficiency, Pacity Campus empowers users to contribute actively while providing managers with tools to prioritize and manage interventions effectively. Join us in revolutionizing incident management for a more responsive future.

**POWERIN.SPACE**<http://powerin.space/>

Energies



Powerin.space develops laser-based wireless power transmission systems to deliver energy safely and efficiently across distances. Their technology offers a breakthrough solution for powering drones, satellites, and remote sensors without cables or batteries.

**QARNOT**<https://qarnot.com/>

AI & Data



French pioneer of 'green' cloud computing thanks to an innovative solution for recovering and repurposing waste heat from IT systems.



RIEAU

<https://rieau.fr/>

Sustainability



The RIEau design office is an expert on everything relating to groundwater, both from a technical and regulatory point of view. RIEau is able to respond to all types of requests directly or indirectly related to groundwater. We work at different hydrogeological scales, whether local for a drilling or a real estate project for example, or that of a watershed.

**RUBICON**

www.rubiconexploration.com/

Energies

Rubicon builds and provides dual-use geospatial AI solutions for sovereignty, focusing on defense & security, energy & minerals, and supply chains. Building upon cutting-edge radar and optics technologies, Rubicon enables advanced applications in geospatial intelligence, geologic hydrogen exploration, real-time commodity supply monitoring, and first-mile supply chain transparency.

**SHAPEBIDDER**

Energies



We are a SaaS platform offering advanced quantitative risk management solutions tailored to renewable-based energy supply.

**TERRE VORACE**

<https://terre-vorace.fr/>

Health & Well-Being



Terre Vorace develops a connected vermicomposting device for biowaste management dedicated for companies and administrations.



TOMORROW PACK

New Materials

TomorrowPack offers reusable packages for delivery of online orders and for postal deliveries. Our reusable boxes may be reused up to 50 times, are made from recycled and bio-sourced materials, and provide an engaging experience for end consumers through gamification and rewards. We rent our boxes to online retailers, allowing them to offer eco-friendly delivery options to their customers using our packages. Through our app, users can easily return the packages and measure the environmental benefits compared to traditional packaging. Our mission is to eliminate single-use packaging waste in favor of reusable packages, based on the circular economy principles. We aim to make reusable packages a “new normal” for e-commerce and postal shipments.

**UNDA**

Sea

UNDA develops autonomous, unmanned vessels capable of collecting and transporting energy at sea, and redistributing it either on land or at sea. The project leverages AI technologies to assist the vessel in optimizing its route and energy production, enabling it to dynamically adapt to extreme maritime conditions and avoid storms.

**VBS**

Entertainment

The VBS project proposes to design and market an offer of innovative services for beverage producers (wines, beers and spirits) in the tourism sector in order to develop their commercial activities and create qualitative loyalty among their customers. The project is part of a green solution addressing climate issues, starting in the St Omer region, with potential deployment across France and internationally.



VECTURA SYSTEM

www.vectura-system.com/

Energies



Vectura System is a one-stop solution for the sustainable transition of logistics fleets.



VERSANT

<https://versant.earth/>

Sustainability



Versant combines cutting-edge science with satellite imagery and field data to support project developers in their search for plots of land on which to implement compensatory restoration projects. We make this biodiversity data accessible to enable companies to:

- identify land with high restoration potential
- track their ecological restoration projects and, more generally, their natural capital.

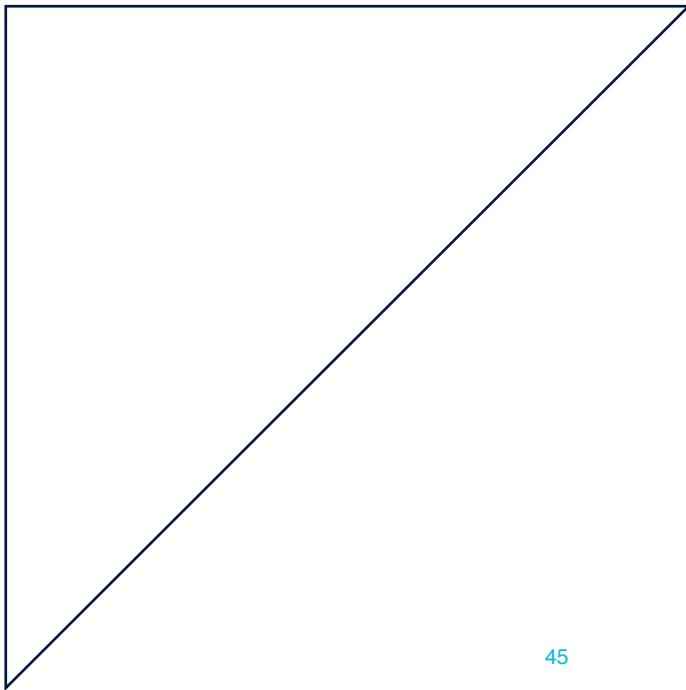
As a regenerative startup, we are deeply committed to a collective approach, fostering community engagement to drive systemic change. Don't hesitate to contact us.





02.04

Engineering for health and well-being



3W - WELL WITH WAVES

<https://wellwithwaves.com/home-page>

Health & Well-Being



Well With Waves is a start-up established in May 2024 in the Saint-Omer region. It designs, manufactures and markets innovative and patented solutions for radiation protection. The founder has extensive experience in business development in France and internationally. She campaigns to obtain parity for the protection of medical personnel in radiation protection and the right to age well through the development and marketing of durable equipment made in France.

**ADMENTIA**

<https://www.linkedin.com/company/admentia/about/>

Health & Well-Being



Admentia was born out of a desire to rethink cognitive assessment. Our disruptive solution founded by experts in AI, healthcare and human-computer interaction aims to assess, retrain and supplement human cognitive functions using multimodal, multitasking AI (MAI). We offer healthcare professionals an innovative solution to the increasing incidence of cognitive disorders.

**AIRSHELL**

<https://koverloop.com/>

Sustainability



AirShell designs ultra-insulating covers for swimming pools.

Our ambition is to take care of swimming pools to perpetuate the benefits of water to all generations.

Energy

AirShell conducts and retains heat like double glazing.

Water

AirShell is water-resistant, prevents evaporation and protects the water from dirt and algae proliferation.

Users

AirShell can carry 1 person per m², it makes maintenance easier.

Vacuum or pressure wash directly on top!

AirShell is an inflatable cover.

More compact than a PVC shutter, it rolls up and unrolls.

It uses 3D fabric technology with double walls which gives it excellent rigidity at low pressure.



ANALYTIX

Sport Tech

Analytix develops an innovative sports odds solution powered by machine learning. Our technology combines advanced quantitative analysis, real-time processing, and unconventional data to generate precise, dynamic betting odds. From data collection to probability generation, the entire process is fully automated, offering bookmakers a flexible and reliable system that adapts instantly to live sports events.

**ARSÈNE**
www.arseneboissons.fr

Health & Well-Being



We offer a coffee alternative made from lupin seeds..

**AUGMENTED SPORTS TECHNOLOGIES**
<https://pinghero.ai/fr/>

AI & Data



Ping Hero (by AST) is an all-new table tennis coaching experience. Film your games, analyze your gameplay, and learn even when you win. With its proprietary AI, it can recognize any hit you make and find the areas of improvement most suited to your style and level.

**COBALT CONTRACEPTION**
www.cobalt-contraception.com/

Health & Well-Being

We develop non-invasive and fully reversible male contraceptive solutions.



CONECRIOwww.conecsio.com/

AI & Data

Conecsio contributes to securing and accelerating clinical research. Only 1% of health data is currently reusable for medical research, but the European Health Data Space (EHDS) is a new European regulation set to unlock this potential. Our solutions enable both primary and secondary uses of health data while ensuring compliance by digitizing consents and objections, showcasing data through a catalog, and tracking their usage.

**DAMAD**www.damad.fr/

AI & Data

The right data for the right decision in health environment.

**DEEP IOTECH**<https://deepiotech.com/>

Health & Well-Being



Deep IoTech develops Eternity Healthcare Assistant, an AI solution that transforms vital sign readings into structured digital data from a simple photo of a medical device. By eliminating the need for connected hardware, our technology revolutionizes telemedicine, reduces human error, and expands access to care. It empowers healthcare professionals to remotely monitor patients with greater accuracy and ease.

**DEEPTIMIZE**www.deeptimize.com

Sport Tech

Deeptimize develops artificial intelligence tools that enable users to extract data from videos in the simplest, fast and automatic way. These tools are made available for sport performance and health applications.



DIGI'SKIN

Health & Well-Being



Advanced Care Technologies is a company developing Digi'Skin, a non-invasive medical device for sensory stimulation. It enables amputees to regain sensory touch by adapting to all prostheses currently on the market.

**EOMAIA**www.eomaia.fr/

Health & Well-Being



We develop a medical breast pump designed specifically for colostrum harvesting.

**HER THIRD PLACE**<https://herthirdplace.com/>

Entertainment



In an increasingly digital world, Her Third Place is a platform that brings human connection back to the heart of interactions, allowing women with shared interests and affinities to meet in person through activities and events.

**HOPTEO**<https://hopteo.com>

AI & Data



Hopteo is a platform dedicated to helping future students choosing the right course. Like the social network Tinder, students can “swipe” cards to specify their expectations and obtain a personalized ranking of suitable courses. Hopteo provides schools with tools to improve their communication and recruitment of future graduating classes. Currently, their main target customers are engineering schools, business schools and job fairs. In the future, they will extend their activities to other types of schools.



KAOMX<https://kaomx.com/>

Health & Well-Being



KaomX develops and markets scientific instruments for research in life sciences and for R&D in biotechnologies. The first ElastomX device allows the measurement of the elasticity of biological tissues inside living tissues. ElastomX will become the first commercial instrument, which not only produces systematic, quantitative, high-resolution volumetric elasticity maps for natural soft tissues and 3D bioprinted tissue constructs, but also induces mechanical stimulation.

**KRISIS EMERGENCY RESPONSE**<https://axium-sante.com>

Health & Well-Being

Created in February 2024, Krisis Emergency Response is a multi-level platform for anticipating, preparing for, and managing health crises. It digitizes the process of designing crisis management plans, enabling the establishments concerned to better meet their legal obligations, organize themselves to better identify risks and respond to them in the most efficient way, thanks to AI and a connected territorial approach. From the outset, KER has been designed to meet the healthcare sector's stringent interoperability requirements, in technical, functional and regulatory terms. Its aim is to connect, without complexity, the different levels of players and systems involved in crisis management.



LEAD YOU

Sport Tech



Lead You is the first AI-powered sports career management platform that puts data in the hands of athletes. With our sports data passport, we provide longitudinal tracking of performance, health and progression. Our AI models allow us to build an individualised profile of the athlete and generate personalised recommendations for training, injury prevention and performance prediction. The project is led by a sports entrepreneur with experience as a top-level athlete who has experienced the challenges and limits of a sporting career.

**LUNA**www.lunaforhealth.com/

Health & Well-Being



Luna is a startup committed to women's health and the fight against endometriosis. Co-founded by endometriosis doctors, Luna created the first scientifically approved endometriosis diagnostic test. Labeled as a Medical Device and CE certified, the Luna app helps reduce the diagnostic time for endometriosis, this chronic disease of the endometrium which affects one in 10 women in France and around the world.

**MEDIVIE TECH**www.medivietech.com/

Health & Well-Being

MediVIE Tech develops an innovative connected medical bracelet for continuous monitoring of hospitalized patients. Our non-invasive device measures essential vital signs in real-time (pulse, oxygen saturation, blood pressure, temperature) and automatically alerts healthcare providers of any anomalies through a secure cloud platform. Our solution addresses a critical need in the hospital sector by enabling early detection of health deterioration and reducing the workload of healthcare staff. Backed by Bpifrance and several incubators, our startup already collaborates with two major healthcare facilities and aims to obtain medical certification by 2027.



MOBI.DEEP

www.mobideep.fr/

Mobility

Mobi.deep develops immersive learning systems to support sustainable mobility.

**NBI**

www.mobideep.fr/nbi.fr

Health & Well-Being



Neural Balance Innovations (NBI) develops two innovative devices aimed at improving quality of life and addressing major health and wellness challenges. The Evabox provides an advanced neuro-physiological evaluation solution for diagnosing stress and balance disorders. The Stimbox offers autonomous vestibular stimulation to reduce cybersickness and enhance virtual reality immersion. Together, these solutions combine precision, autonomy, and technological innovation.

**OMEN PERFORMANCE**

Sport Tech



Omen Performance develops digital tools that predict injuries among athletes to help reduce numbers and severity of injuries and optimize player performances. The co-founders are experts in data processing, both with a background in football. They want to become the trusted partner of football clubs and also coaches, athletes and healthcare professionals, by offering the first validated injury prediction solution in football.

**ONCOELECTRONICS**

<https://oncoelectronics.com/>

Health & Well-Being



This is the first implantable bioelectronic treatment device for cancer therapy. Using flexible organic materials, we designed a tissue-implantable device that controls and eliminates difficult-to-treat solid tumors.



ORASIS-EAR

www.orasis-ear.com/en/home.php

Health & Well-Being



Orasis was born when neuroscientist Zoï Kapoula, an expert in eye movements, brought together a community of scientists around the groundbreaking idea that analyzing eye movements can reveal unique and valuable neurological information.

Working closely with ophthalmologists, orthoptists, neurologists, ENT specialists, and machine learning experts, the Orasis team aims to democratize the latest scientific and technological advances in visual and cognitive health for those suffering from invisible eye movement disorders.

From learning difficulties in children to cognitive decline in adults, we bring to clinical practice a unique multi-purpose technology that combines precise medical protocols with innovative analytical systems.

**PAREX**

Health & Well-Being

Parex offers an innovative system for the transport and care of patients, in all places and all situations. Due to its flexible design, this patent-protected solution facilitates the work of those involved (firefighters, nursing staff, etc.) by avoiding MSDs in workers and reducing physical contact for the comfort and well-being of patients.

**PGU MEDTEC**

<https://www.linkedin.com/company/pgu-medtec/>

Health & Well-Being



We design ultra-realistic 3D metahumans with lifelike motricity and appearance (biomechanics of the musculoskeletal system, skin, fat, muscles, tendons, and ligaments) for both surgical and functional orthopaedics, their R&D, and specialized animation.



PLANIFIA

Health & Well-Being

We offer software for managing call centers to optimize resources and improve services for hearing-impaired individuals.

**RECEPT AI**
<https://rcpt.ai/>

AI & Data

AI Virtual Secretary for Dentists: Answer every call, schedule appointments, and summarize all information in an intuitive interface designed in collaboration with dental professionals. Our solution saves time, reduces stress, and enhances practitioners' efficiency.

**SAWA**

www.atlanpole.fr/actualites/sawa-le-bien-etre-animal-priorite-des-zoos/

Health & Well-Being

SAWA is a digital application for animal welfare assessment in wildlife parks.

**SEREINE**

Health & Well-Being

Sereine

Maline wants to market panties that relieve menstrual pain in a natural, nomadic and eco-responsible way. Solutions exist but are intrusive, too conspicuous under clothing and sometimes require taking medication to relieve the pain.



UPEAK (WHEEL-E)

Mobility

WHEEL-E is committed to improving the daily use of wheelchairs for people with disabilities. The company's mission is to improve wheelchair ergonomics, with particular emphasis on handrail design. The idea is to design new handrail models to increase the practicality and autonomy of people with disabilities, while improving their day-to-day use.

**VRAI HEART**www.vraiheart.com/

Health & Well-Being



VRAI-Heart is a medical device used as a software that combines AI-enhanced virtual reality and motion tracking. It brings preoperative imaging and modeling originated from scans mainly and real-time intraoperative data together, with the aim to offer intuitive navigation and precise targeting through immersive virtual reality guidance.





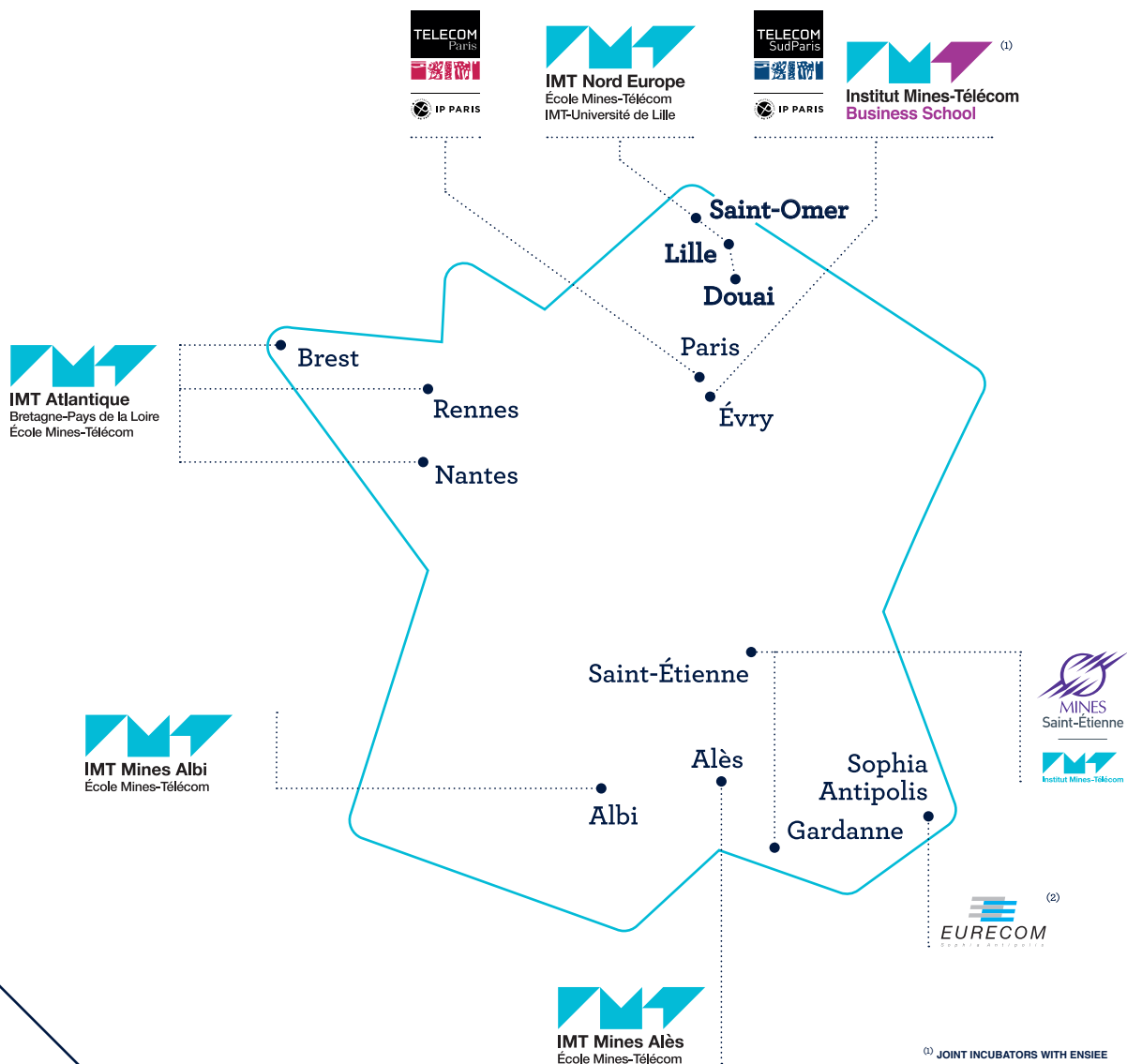
03.

A national network
of incubators



Strongly embedded in their region, the incubators of the IMT schools contribute to regional economic development, with more than 80 companies created each year. Together, they form a vast network, benefitting from the dynamism of IMT's national activities, and have access to a range of complementary programs to those implemented in their region: the IMT-Bercy Innovation Award, participation in international fairs (VivaTech, Bits & Pretzels, ...), Learning Expeditions, honor loans from the Fondation Mines-Télécom, Technology Demo Days, etc...

The incubations sites



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