



Institut Mines-Télécom



RÉPUBLIQUE
FRANÇAISE

*Liberté
Égalité
Fraternité*

Start-up book





Edito

Institut Mines-Télécom's start-up book 2021 highlights the resilience of project leaders and creators. The pandemic has revealed our economic and social vulnerabilities. Our start-ups, whether they are deeptech or not, are adapting. They are seizing opportunities. They are acting as catalysts of transformation for an innovation that is conceived from the outset as responsible.

They contribute to accelerating reindustrialization and sovereignty. They respond to the environmental emergency with solutions and services for carbon neutrality. They develop a frugal digital approach in the material, immaterial and informational production of companies. Generally speaking, they contribute to increasing competitiveness in key sectors such as digital, energy, society, health, sustainable city, and education.

The start-up are backed by the training, research and economic development expertise of the eight leading French engineering and management graduate schools of Institut Mines-Télécom. They rely on the cutting-edge scientific and technical research, the large-scale platforms and the expertise in human and social sciences that are developed there. They take advantage of the network of professionals from the socio-economic world who are partners of Institut Mines-Télécom.

In addition to personalized coaching programs for scale-up and a system of loans from the early stage, the start-ups benefit from the dynamics of the leading network of public incubators in France, with 80 new projects supported per year, a 5-year survival rate of 90%, €100M raised and 5,000 jobs created.

These are the conditions to live and succeed in a wonderful human adventure!

Françoise Prêteux

vice-president for Research & Economic Development
vice-president General Manager

Summary

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01.

Key differentiators

The schools' incubators provide entrepreneurs with privileged access to each school's labs and R&D platforms. 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 80%.

1 Hosting and advice

Hosting

Legal advice

Help defining a Business Model



R&D and initiation

2

Honor loans from the
Fondation Mines-Télécom

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



3


Trials and prototyping

Technology platforms

Functional platforms: Living Labs

Data and AI platform: TeraLab

4



Networking

Technology Days: state of the art, access to major players, technology monitoring

Industrial prototyping in response to an innovation competition: Poc & Go scheme from the PIA (Investments for the Future Program)

Support at international trade shows: CES Las Vegas and VivaTech



5

Access to financing

VC access via an innovation 4.0 marketplace

IMT-Bercy Innovation Prize



Key Figures

80

new start-up
created per year



An average of

100

millions euros
fundraised per year



90%

of which exceed
the 5-year mark
(numbers 2020)

Almost

130

start-up
incubated within the network per year



11

incubation sites

serving innovation and industry through their TRL
(technology readiness level) economic development
offerings in 8 graduate schools of academic excellence





02. The start-up



02.01

Accessibility

Start-up

Pitch

Incubator

Affluences

www.affluences.com



With Affluences, forecasting attendance has never been easier. We design and set up sensors to measure real-time occupancy. With our proprietary algorithm, we're even able to generate attendance forecasts for the day which we share on our free mobile app. Affluences is as practical for management as it is for visitors. Yes, it's a win-win situation! As a visitor being both informed and reassured, you can finally pick the best time for your visit. For partner institutions, what could be better than knowing when visitors will come? The best way to improve the working conditions of employees in peak hours and to attract new visitors in off peak hours.



H2TRONE

www.h2trone.com

H2Trone develop new solution and process for sustainable toilet for camper-vans.





02.02

Artificial Intelligence

Start-up

Pitch

Incubator

BrightClue

www.brightclue.com



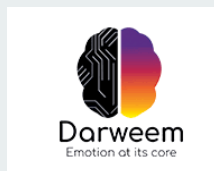
At the heart of France's AI ecosystem, BrightClue was born out of the conviction that Artificial Intelligence has the power to transform industries' business-specific data into actionable knowledge.

Our new technology delivers solutions to companies engaged in 3D product design and process development, enabling them to leverage the full potential of their data in just a few mouseclicks. Our solutions optimises product/process projects, improving performance and Quality-Cost-Delivery synergies.



DARWEEM

www.darweem.com



We develop artificial intelligence solutions allowing real-time analysis of the emotions of Internet users and spectators on live chats. Darweem is THE solution to identify the best emotional moments of your community.

Thanks to our AI, we help:

- Brands, WebTV & streamers to interact emotionally with their community"
- Agencies and advertising agencies to increase the effectiveness of their marketing and advertising campaigns, in classic or programmatic.

First for sports and tomorrow for sports, e-commerce or politics, we offer customizable analytics solutions in SaaS mode.

Our CNRS proprietary technology adapts to any format and any platform such as Twitch, Facebook or Youtube.



Start-up

Pitch

Incubator

DMS Logistics

www.dms-logistics.io



As a container logistics agent, DMS Logistics offers an innovative approach to optimize the time and money of hinterland actors. Our AI platform for managing and anticipating container flows streamlines exchanges between logisticians, with a common collaborative tool that synchronizes and shares data. Once connected, customers improve their performance, decongest ports and ultimately develop the local economy.



EDGE Technologies

www.edgetech.fr



EDGE Technologies offers a complete range of measurement sensors, very low consumption, benefiting from embedded intelligence (information processing at the sensor level before communication to a platform) in order to limit the need for bandwidth for data transfer.



Fentech

<https://fentech.ai/>



Fentech is a start up specialized in AI for forecasting. Our Saas, D-Sales, not only allows you to calculate your forecasts, but also to measure the impact of the decisions you make. The algorithm generates an optimal decision-making scenario (stock, price, product launch) for your business.



Start-up

Pitch

Incubator

Holi.io

<https://www.holi.io/>



Holi.io is a smart workspace to enhance knowledge sharing and business productivity. We map scattered company information to create a personalized workspace based on each collaborator mission and expertise. Our productivity assistant augment your daily tools : It enriches Google search results with relevant company ressources and our smartbot on Teams/Slack answers your team questions.



LITUUS

www.lituus.fr

LITUUS creates new IoT solutions to support livestock farmers in their daily work. Our first product is a new generation smart collar for cattle based on our patent pending technology. This is an innovative Decision Support Tool which enables farmers to monitor in real time the 3 key parameters of the life of each cow: Reproduction, Health and Welfare. Our smart collar is the world First collar able to evaluate the welfare of each animal based on environmental parameters. Our system is based on Machine Learning algorithms which analyze data from animals and send alerts when necessary. LITUUS allows farmers to increase yield, save time and improve animal welfare.



ODAPTOS

<https://odaptos.com/>



Odaptos is a startup specialized in automated user testing. We design and market a SaaS product to perform usability testing in videoconferencing, analyzing human emotions, and providing detailed results and insights to understand the end-users.



Start-up

Pitch

Incubator

Opscidia

www.opscidia.com/



Opscidia develops text-mining technologies to extract economic and social value from scientific articles. Our goal is to strengthen Open Access with cutting-edge natural language processing (NLP) algorithms. Our algorithms make it possible to identify weak signals (to better anticipate sanitary crises) or to assess the maturity of a technology.



Semaxone

<http://semaxone.fr/>



Semaxone develops innovative software combining physiological sensors and voice analysis to identify the physiological, psychological and cognitive state of people working in a difficult environment. SEMAXONE relies on technologies that collect psycho-physiological data in a working contexts and track physiological indicators to identify in real time the operational status of operators. Semaxone has established partnerships with EuroMov Digital Health in Motion (jointly supervised by the University of Montpellier and IMT Mines Ales - France) and the Avignon Computer Laboratory (University of Avignon, France).



ShareID

www.shareid.ai



ShareID provides an Authentication as a service solution based on official identity. ShareID allows businesses to remotely verify their users identity in real time, at each transaction or operation that requires an Identity document presentation in the physical world. The solution is an easy to integrate SDK that can be plugged into any business app iOS, Android or Web.



Start-up

VocaCoach

<https://vocacoach.fr/>



Pitch

Many working people do not master the keys to successful oral communication for job interviews or professional presentations. Our mission is to make the art of speaking accessible to all. VocaCoach is a speech training application powered by artificial intelligence. It was designed for individual use at a distance. Easily integrated into a training program, VocaCoach allows for a rapid diagnosis of oral skills and enables continuous training.

Incubator





02.03

Augmented Reality / Virtual Reality

Start-up

Pitch

Incubator

Cylensee

<http://www.cylensee.com/>



Cyber lenses for augmented visions in professional and BtoC applications. Cylensee is a Spin Off from IMT Atlantique Technological University



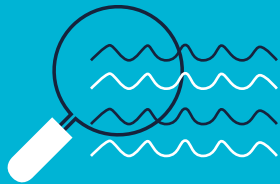
Mobi.deep

www.mobideep.fr



Mobi.deep develops an immersive learning systems to promote sustainable and inclusive mobilities. Our mission is to provide a new service, using virtual reality, to develop virtuous travel patterns. Users can simulate daily trips and discover different means of transport in different environments (carsharing, biking, public transport...)





02.04

Sea Space

Start-up

Comsea

www.imt-atlantique.fr



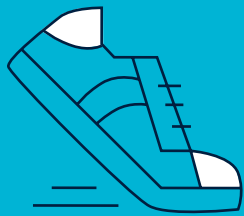
Pitch

Communication & geolocalisation wireless devices for Subsea professionals. Comsea is a spin off from IMT Atlantique Technological University

Incubator

IMT Atlantique





02.05

Sports

Start-up

Pitch

Incubator

CryoSocks

<http://cryosocks.fr>



Muscle recovery is an integral part of sports practice, and is essential for professional sportsmen and women as well as for amateur sportsmen and women known as "performers and competitors".

Cryosocks' promise is to make the best muscle recovery techniques accessible to sportsmen and women, wherever and whenever they are, thanks to its mobile and autonomous technology.

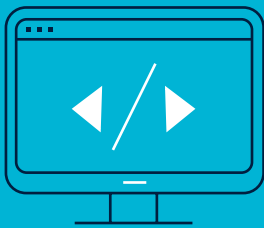
The benefits of CryoSocks are the optimisation of performance and the increase of recovery time to avoid injuries.



Winited

<https://www.winited.io/>





02.06

**Design
Source**

Start-up

Skoper

www.skoper.fr



SKOPER

Pitch

Skoper is a startup in which we put the skills of architects at the service of furniture manufacturers and sellers, by designing virtual showrooms entirely in 3D. This is a solution that we have developed to offer an unprecedented immersive experience to discover our customers' products on their websites. Since the health crisis, more and more consumers are turning to online sales and companies need to reorganize their sales strategy. Today, the 3D technology we use responds perfectly to the challenges of the world of digital marketing. It leaves complete freedom to imagine a new and evolving space to showcase the products. It also frees companies from all the logistical and financial constraints of a physical showroom.

Incubator





02.07

Digital Money

Start-up

Myfo

<https://myfo.fr/>

myfo

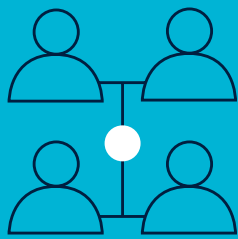
Pitch

Myfo invents the " rayon X", an advanced tool powered by AI to optimize your savings on line and make your investments more sustainable

Incubator



IMT Atlantique
Bretagne - Pays de la Loire
École Mines-Télécom



02.08

Enterprises Solutions

Start-up

Pitch

Incubator

Beekey

<https://www.beekey.io/>



Beekey offers the most secure password-less authentication solutions on the market to protect businesses. These solutions remove the complexity and the fatigue of managing passwords in businesses and protect them against cyber threats. These solutions are simple to use, easy to integrate and are suitable for all types of business. They also detect and prevent the cyber attacks targeting companies. For more information, please visit our website: www.beekey.io.



Canary

<https://www.canary.cat>



Making sure that a painter, a worker or even a researcher is not exposed to chemicals that are harmful to their health is Canary's priority. By cross-checking customer data with risk knowledge using data analysis algorithms and deep learning, Canary can predict and alert. Canary works for all businesses that use chemicals.



Carbometrix

www.carbometrix.com



Carbometrix mission is to make carbon performance data of any company universally accessible and comparable. Our platform lets companies and investors assess their carbon footprint instantly and delivers personalized decarbonation levers.



Start-up

Pitch

Incubator

Circlely

www.circlely.fr



Do you know about food waste? Well, you should know that the waste of manufactured products is also a scourge. Why? Most of the unpacked products brought back to the store for exchange or refund do not end up on the shelves, but in the dumpster. Keep in mind! +650 million euros of products are destroyed in France (on average 3 products / 100), 10% increase each year in product returns, meaning that today 1/4 products are returned. The Circlely Project is based on a strong ambition: to provide a digital solution to create networks between local economic representatives in order to reduce their environmental impact. CIRCLELY is an application dedicated to retailers to facilitate the sale or donation of unsold items locally.



Clean Bill

<https://www.cleanbill.fr>



Clean Bill is an application providing receipt and invoices dematerialization without point of sales software modification. A single mobile app for all brands, allowing storage and classification of loyalty cards and cash-register tickets. The retrieval and viewing of the ticket during the in-store purchase are done spontaneously. The Clean Bill solution is available on Play store and App store, and is compatible with already deployed solutions. Dematerialized tickets provide a new way to implement loyalty programs



Start-up

Pitch

Incubator

CLR Labs

www.cabinet-louis-reynaud.fr/clr-labs



CLR Labs, founded by multidisciplinary industry experts, is the European laboratory dedicated to the evaluation of biometric and security technologies applies to the digital identity management and verification. Many manufacturers, implementers of complex systems and French and European Trust Service Providers trust in our experience to assess their products and solutions using biometric technologies in the context of border crossing, secure payment, physical access control for companies, online electronic authentication...



DASTRA

<https://www.dastra.eu/fr/>



Dastra is a start-up that offers data protection professionals a simple, collaborative and data-driven platform that simplifies and automates data protection, risk management and compliance such as GDPR. A free version, and many pre-designed templates are available directly on the website.



DENV-R

www.denv-r.com



DENV-R's mission is to sustainably support our digital uses through less and less polluting data centers that produce renewable energy.



EffetMer by R&D Concept



R&D Concept develops new materials to create responsible products. Our first product are sunglasses in recycled plastic with part of the waste from our waste sector recovered in nature in Occitania.



Start-up

Pitch

Incubator

ELAMP

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



Our eLamp technology allows our clients to identify & manage all of their Skill Data, i.e. any form of Data characterizing all of an individual's potential (from career path to operational staffing).



EliA



EliA wants to offer large distribution stores the opportunity to deliver groceries directly to their customers.



Examin

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

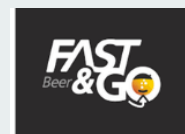


Examin provides a complete compliance SaaS solution covering data protection and cybersecurity issues and identifies your compliance in real time. Examin drives complex compliance programs regardless of the size of your business.



FAST & GO CONCEPT

www.fastandgo.eu



The professionalism of our teams guarantees better consumer satisfaction and allows our customers to maintain and above all gain market share.



Start-up

Pitch

Incubator

GESTIA SOLIDAIRE

www.gestiasolidaire.com



Gestia Solidaire is a network of responsible real estate agencies



JUNGLO

www.junglo.io



JUNGLO is the new private parcel delivery service at your workplace. It's simple, practical and eco-friendly! Receiving your parcels these days seems to follow the law of the jungle. From the "Sorry we missed you" notices left in your mailbox to the long queues at the post office on the weekends, actually receiving your online purchases has become a real headache. In an approach to make life easier, JUNGLO offers AIRBUS employees its totally new service to deliver private parcels to your workplace, in accordance with your employer. You'll save time and fuel spent on those nerve-wracking extra trips to pick up your parcels, since they come straight to you at work. In practical terms, a JUNGLO COLITRUCK® parks near AISC every day for two hours, so you can collect your parcels safely and simply.



Start-up

Pitch

Incubator

Komet Story

<https://kometstory.com/>



Komet is the first autonomous store for fashion brands, without salesman and checkout station. Experiential shopping in a privatized Komet. Customers make reservation for a private shopping and pay using the Komet Story app. Komet is also an opportunity for brands to provide more intimate and unique experiences. Reinvented in-store journey : Try, Take&GO. Try garments inside the fitting room in Komet. Take the products from connected hangers. GO without using a checkout station.



LANDAIS TELECOM

www.landaitelecom.com

Landais telecom offers very high speed Internet deployment services



Luxamour

www.luxamour.fr



Luxamour helps premium and luxury brands to distribute their product samples to the targeted consumers, allowing users to order & test free product samples at home without engagements. Along with sample distribution, Luxamour provides brands with an analytical tool to track the performance of samples and perfect their marketing efforts generating conversion on sales.



Start-up

Pitch

Incubator

Mantra

<https://www.mantra.ms/>



Protect your business from cyber attacks with our phishing simulations

- Each year, more than 50% of companies of all sizes fall victim to cyber attacks, costing them up to 10% of their revenue
- More than 90% of these attacks start with phishing and most could be avoided with a proper training
- Our smart phishing simulations train your collaborators to effectively detect phishing and dramatically reduce your exposure to cyber risk



MATOS

www.matosbtp.com



This young company offers to simplify operations for the transport and equipment fleet in the public works sector and make searching for equipment smoother. The aim is to provide improvements in time management, deliver financial savings and contribute to the standard of comfort for companies in this sector. It has developed a web and mobile application, making it possible to find equipment with operators and offering a flexible schedule connected to them.



Ornisec

<https://www.ornisec.com/>



ORNISEC, a cybersecurity startup, is working on the development of an integrated solution to fully manage the security of information systems with an automated approach combining big data and artificial intelligence. To achieve this goal, ORNISEC is working on a solution able to provide a complete and automatic mapping of an information system (IS) while being dynamically interconnected to a compliance level measurement module and a cybersecurity risk analysis module.



Start-up

Pitch

Incubator

Placemeet

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



We know that virtual events do not fully satisfy the sociological and human needs expected at events. This is a problem, as it considerably reduces interactions between participants and reduces their engagement. Placemeet allows organizers of online professional events to easily organize events with twice as much engagement and interactivity.



PYXO

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



Pyxo is leading the way to a zero-waste world! We help restaurateurs and food distributors getting from single-use packaging to reusable containers. Our unique and fully integrated technology is tailored to support food companies' operations and improve their clients' experience. Pyxo can manage millions of connected containers per day, tracked all along the supply chain. With these data we help our clients with logistics, washing of containers and stock management. On the other hand, Pyxo provides consumers with automated deposit scheme and loyalty programs to offer the best experience possible. In 2023, France will be the first country to implement an anti-waste Law prohibiting single-use packaging in restaurants. The addressable market for Pyxo is 1Tn€ in Europe and the US combined.



Reelax Tickets

www.reelax-tickets.com/



With more than 26% of 25-34 year olds affected in 2019, ticket fraud (ticket touts and scams) is a problem that plagues live events. Through unique technology and partnerships with venues, Reelax Tickets allows fans to safely buy, sell and exchange tickets to live events. Our solution is also empowering event owners to take control of their data.



Start-up

Pitch

Incubator

Satas International

www.satas-international.com



SATAS International develops real-time tracking devices that integrate into the Spatial IoT environment and secured by the Blockchain. The innovative solution offered by Satas International is intended for the maritime sector as part of the digitization of the Supply Chain and the security of navigation.



Sharly

<https://sharly.fr/>



Sharly is a digital management solution for professional visitors to hypermarkets and supermarkets (suppliers, merchandisers, presenters, technical contractors, providers, temporary workers).



SoPump

<https://en.sopump.io/>



SoPUMP provides a digital solution that simplifies ready-mix concrete pumping and transport by automating the different steps, from taking the order, its execution, to invoicing. SoPUMP's objective is to help the managers of ready-mix concrete pumping and transport companies to make the right decisions by providing the necessary KPIs and reliable data. They have access to real time monitoring of operations, allowing them to anticipate the numerous hazards that can occur daily. This data can also be shared with their customers, employees and delivery plants, thus creating a collaborative environment. One year after its creation, the company boasts 250 daily worksites served using its solution across France and Belgium.



Start-up

Pitch

Incubator

Velonomy

www.velonomy.com

velonomy.

Our mission is to make cycling the obvious choice for commuting and local urban professional journeys. We have developed an all-in-one B2B bicycle long term rental service. Users get access to a high-end bicycle, including insurance and maintenance. The user experience with Velonomy makes it easier to start using the bicycle every day. We provide support and coaching to our customers so that they go bike and don't come back ;) #impact



V-Event



V-Event is a metaverse solution meant to virtualize the event industry and more specifically the gaming and technological sectors. The goal is to provide for everyone a unique and innovative solution to organize fun and compelling virtual events offering both goods and services.



welco

<https://www.welco.io/>



Welco is the first platform to create a community that is available to receive their neighbours' packages (against a fee). It is a secured solution for the last meter. Welco has the ambition to restore social ties and (re)boost neighbourhood life, as well as fighting global warming by eliminating returns for couriers.

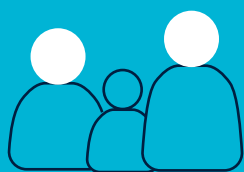


ZEMO

The kernel of V-Event is to make sure that experiencing virtual events will be more than facilitating connections, it is to be an immersive moment where organizers, exhibitors and spokesmen and also visitors won't feel the time flying by.







02.09

Family & Kids

Start-up

Pitch

Incubator

lessive à la cendre

Over 1,000,000 of tons of ashes from wood fires are buried every year in France



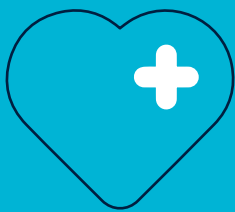
Metcher

<https://linktr.ee/metcher>



Metcher is a mobile application which simplify the sharing of photos during your events





02.10

Health & Wellness

Start-up

Pitch

Incubator

COZIE

www.cozie-bio.com/



Cozie is an upbeat and committed brand. All the products in our line of care and hygiene cosmetics are packaged in reusable packaging. We wash, disinfect, dry and refill containers under strict hygienic conditions. You can buy Cozie in already filled containers or in the quantity of your choice thanks to the Dozeuse, a unique machine in the world that allows you to fill cosmetics directly at the point of sale.



DiappyMed

www.diappymed.com/



40% of people with type 1 diabetes have a non-controlled disease. They live everyday with hyperglycemia and hypoglycemia episodes, and develop long-term comorbidities. However, Insulin dosage adjustment is a way that has been proven to improve diabetes control by adjusting his insulin intake to his food consumption, his physical activity, and to personal physiological parameters. Unfortunately, its complexity makes that 80% of patients do not use it. DiappyMed have this ambition to democratize insulin dosage adjustment by making it easy for all patients. For this, we develop a mobile application for intelligent insulin dosage, based on data science and artificial intelligence technologies, that deliver the right insulin dosage in an easy way, precisely, and personalized to every user.



Start-up

Pitch

Incubator

HOLOWIND



The Hollowind project consists of improving the ergonomics of the operating room in order to facilitate the work of the practitioner(s) and thus reduce the intervention time and the operating risks incurred by the patient. It also integrates the design and development of computer applications in the medical-surgical field.



HULMO

<https://www.hulmo.com/>



Based on the alarming fact that the global toilet paper industry is cutting down 27,000 trees every day worldwide, HULMO aims to become the first European brand to offer a complete range of water-based hygiene solutions that are alternatives to traditional toilet paper. HULMO is an ambition, that of taking up the challenge of changing very personal habits towards new, more responsible ones, but also of proposing practical and ecological solutions adapted to everyone's needs. For this reason HULMO works on a new innovation called "nomad" : a manual pressurized tank with integrated practical hygienic shower to meet the needs of research for a practical hygiene solution, at a lower cost and above all without installation.



Intradys

<http://intradys.com/>



Intradys is a medical software company specializing in machine learning and mixed reality applied to interventional radiology. We develop software for patient-specific pre-operative planning and intraoperative guiding.



Start-up

Pitch

Incubator

Ivanae



Ivanae is a medical software company specializing in assisted respiratory. Ivanae is a spin off of the Regional University Hospital of Brest City and Latim Inserm Research Unity



Kaer Labs

www.kaerlabs.com



Kaer Labs design, manufacture and sell optical imaging systems for biomedical research. The Kaer Imaging Systems detect in vivo or ex vivo fluorescence and enable thus researchers to answer questions about the pharmacokinetics of drugs, imaging agents or other biomedical agents, or to tackle pathology characterization questions in fields as diverse as oncology, immunology (vaccination), regenerative medicine, heart disease, etc. Kaer Labs' products are used by academic research as well as by private pharmaceutical companies.



Life Medical Control

www.lifemedicalcontrol.com

www.neurocoach.fr



Positioned in e-health, Life Medical Control offers a complete solution allowing as many people as possible to know their risks of stroke. The NeuroCoach device developed by doctors, researchers and manufacturers really contributes to reducing the number of potential victims (awareness, massive screening, etc.).



Start-up

Pitch

Incubator

Med in Town

www.medintown.com



Med in Town offers to health institutions and care facilities an innovative model for the supply and management of disposable medical equipment through additive manufacturing. The objective is to supply, on demand and in real time, medical devices made of polymers that can be used in the operating room (custom-made, disposable or anatomical models) and devices such as orthoses.



Opti'Waves

www.opti-waves.com



Expert in the microwave ceramic firing process (sintering), Opti'Waves develops and markets Zircoya, a microwave oven that makes it possible to manufacture dental prostheses ten times faster than conventional technologies.



Oso-AI

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



OSO-AI. Understanding sounds and noises to serve fragile people and their caregivers. Oso-AI is a Spin Off from IMT Atlantique Technological University



Start-up

Pitch

Incubator

Oxyledger

www.oxyledger.com/fr/



Traceability of implantable medical devices We are committed to restoring confidence between all stakeholders involved in the lifecycle of implant medical devices, in any field (orthopaedics, traumatology, cardiac surgery, interventional neuroradiology...), both in Europe and USA.

To achieve this aim, we are developing a software ecosystem (compliant with GPDR and HIPAA regulations) to put manufacturers, healthcare institutions and patients closer, into a win-win relationship.



PanaXium

www.panaxium.com

PANAXIUM

PanaXium uses its expertise in the fundamentals of bioelectronic medicine to design and develop new therapies and help change the science of healing forever.



Smart Macadam

www.mementop.com



Smart Macadam uses innovative technologies to preserve the autonomy of people weakened by age, handicap or illness. Mementop is the first solution designed by Smart Macadam. It is aimed at elderly people eager to preserve their autonomy. Mementop offers seniors and their caregivers the following items:

- A personalized weekly gazette
- A dedicated smartphone app
- A dedicated user assistance service.



Start-up

Pitch

Incubator

SWAP GPS

www.swap-gps.com



SWAP-GPS develops connected e-location and alert solutions. Initially dedicated to people with Alzheimer's disease and their caregivers, the devices are adapted to the protection of seniors or child care.



TECMOLED

www.tecmoled.com



Tecmoled is developing an innovative light-emitting diode technology based on organic semiconductors. These flexible OLEDs (Organic Light Emitting Diode) offer a large number of applications, particularly for the medical markets.



UNAIDE

<https://unaide.fr>



UNAIDE develops "the intelligent retirement home" by combining a personal assistance service and a technical solution. Our offer is aimed at people weakened by age or disability, experiencing a loss of autonomy, but who want to continue living at home in complete safety and serenity. Our technological assistance allows us to detect falls and risk situations based on voice recognition, movement and artificial intelligence. Our personal assistance service allows us to maintain or recreate a strong social link between vulnerable beneficiaries and home care workers, and we also contribute to the respite on family caregivers by taking over their mental load.



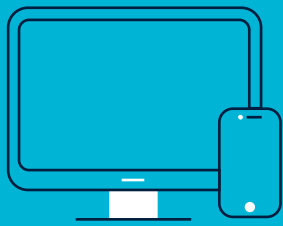
vrako

www.vrako.fr

Vrako changes the cafeteria of companies thanks to a new nuts distributors. It helps companies to enhance their employer brand, giving healthy food to their employees







02.11

Hightech Retailing

Start-up

Pitch

Incubator

Brandeploy

www.brandeploy.io/



Brandeploy is the first content automation platform for brands. When media library centralises content, Brandeploy allows to deploy all brand content in a personalised workflow. Marketers create, customise, translate, resize and publish videos, banners and print without editing skills. Businesses gain agility, save time and reduce localisation costs.



Capsit

www.capsit.fr

Capsit offers the possibility to coffee professionals to encapsulating their own coffee in a hermetically sealed home compostable capsule, automatically and directly from their shop. Capsit favors the short circuit and bulk sales for local traders.



Renée Corner

www.reneecorner.com



We are helping thousand of brands to increase their physical presence in a smart and cost effective way and we reinvigorate retail places by transforming them in places of experience and giving them access to engaged and innovative brands. Concretely, our product is a marketplace that allows thousands of engaged and innovative Brands to connect to high traffic places in order to create a pop-up store in just a few clicks and finally, increase their physical presence in a smart and cost effective way. Our product uses a matching system that allows brands to match with strategic places having the right target and positioning in order to ensure the success of the operation.



Start-up

Zicplace

www.zicplace.com

zicplace

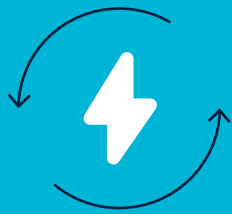
Pitch

Zicplace is a marketplace selling second hand and new music instruments worldwide. Gear is sourced from artists, musicians, and independant music shops.

Incubator







02.12

Energy

Start-up

Pitch

Incubator

Athéna Recherche et Innovation

www.athena-recherche.fr



BioHydrogen: our hydrogen has vocation to be used to substitute fossil fuels in heat production or mobility. In consequence, we want to create hydrogen ecosystems around our plants. Thus, the hydrogen will be used in clients' trucks or neighbors' trucks.

Our demonstration plant will produce 40 t of hydrogen per year, it gives the possibility to drive 400 000 kms with a 44t truck and substitute 96t of gasoil that represents 327 t of CO². We can also use it to produce heat or steam. With one ton, we can produce 33,33 MWh of heat. So, one year of production is equivalent to 1 333 MWh/year \approx 133 000 m³ of natural gaz that represents 302t of CO².



ENTROVIEW

<https://entreview.com/>



ENTROVIEW is a deeptech start-up based on entropy research which provides characterisation and diagnostic software of lithium batteries to reduce losses and increase lifetime.



Fractal Energy

<https://fractalenergy.io/>



Fractal Energy provides realtime digitalisation, automation and optimisation of electricity consumptions for households



GAZOLINK

www.gazolink.eu



Changes in consumption are changing. For your deliveries, your trusted partner is EliA.



Start-up

Pitch

Incubator

HYCCO

<https://hycco.fr/acceuil/>



Deep changes in the energy market are happening, and decades of research on fuel cells have demonstrated their reliability and their ecological benefits. Today's systems need extremely pure and thus expensive hydrogen. Systems capable of using various hydrogen sources, like the one generated from natural gas, are currently being developed. As of today, there is however no well-suited material for those systems. HYCCO is currently tackling this challenge and already managed to produce break through fuel cell components that are thinner, lighter and resilient. HYCCO plans to be a major actor in composite fuel cell components by proposing services to integrate its own technology in existing systems, and developing its own fuel cell proprietary architecture.



In Tracks

<https://www.in-tracks.fr/>



Founded in 2021, IN-TRACKS is a fast-growing startup developing energy management solutions. We support real estate players in their transition to net zero and their climate strategies. We provide a dashboard (SaaS) for businesses and local governments to help them monitor their energy consumption and production. Our platform automatically collects your energy data in real time, tracks your risks and savings potential and optimize your energy bills. We are the only company offering a personalized dashboard adapted to the tree structure of your company. As an option, an energy expert can support you in understanding your energy flows, and help you invest wisely to perform the energy efficiency of your buildings and comply with energy regulations. Get your free trial!



Start-up

Pitch

Incubator

ThermiUp

<https://thermiup.fr/>



ThermiUp develops, industrialise and sells Heat exchangers that recover heat from wastewaters to preheat potable water.



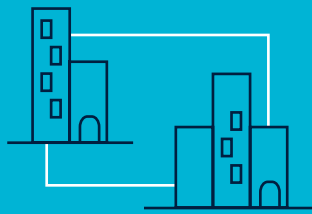
UNEOLE

www.uneole.fr



As part of the urban energy transformation Uneole is developing an energy mix platform made for buildings with flat roofs. Nowadays, the urban energy production market comes down to setting up photovoltaic panels on rooftops. Uneole offers a new mixed production floor including Uneole's wind turbines covered with a photovoltaic rooftop. This connected platform is the most energy-efficient (Up to an additional 40% in production compared to a full photovoltaic solution), balanced (winter/ summer, day/night) and most costeffective solution on the market.





02.13

Industry B2B

Start-up

Pitch

Incubator

3DMETDIE



The start-up is dedicated to develop and commercialise un model de simulation that allow for the optimisation of the conception of dies, moulds and tools that involve heat transfer, for being manufactured by the 3D printing. The progress and the perspectives regarding metal additive manufacturing including the quality, the velocity of construction (8 times faster en 2023) and the powder price (3 times cheaper en 2025) is very encouraging. This progress has been creating a real need for a new methodology of conception that can capitalise the potential of 3D printing to make smarts, functional, light and high-performance dies and tools for advanced high production material forming process. The start-up aims this new market.



BYSCO



BYSCO transforms mussels farming waste into textile structure that can be used in different uses : insulating material, composite materials and non-woven materials.



Start-up

Pitch

Incubator

Ceraneo



You must already have shared a meal over a good bottle of wine but do you know that for one liter, manufacturers use two liters of water, just to bottle it ? Our filter CERANEO is going to help the wine industry reduce its impact on the environment. Nowadays, here is how most of the users talk about filters on the market : « They work well but we are led to use such a large quantity of water, as well as chemicals to clean them ! ». The solution by CERANEO : a filter with a totally innovative design, which can be cleaned no longer with water and chemicals but which temporarily uses the liquid filtered. Imagine a world in which we could save water, lower the cost of our bills and, above all, build a brand image with regard to our global eco-responsible approach.



GoodFlowow

www.goodflowow.com

GoodFlowow makes the use of returnable industrial packaging cheaper than single-use cardboard packaging. To do so, it automates their monitoring and management. Unlike competitors, it does not geolocate the assets, but provides legal proof allowing the user to be defined and therefore responsible for each packaging 24/7, anywhere in Europe, without infrastructure (gateway).
Not to replace tons of CO2 by tons of electronic waste due to IoT at the end of life, the lifespan of GoodFlowow IoTs is longer than that of the packaging it equips. GoodFlowow is a fully eco-designed solution to be sure its impact is lower than the solution it replaces.



Start-up

Pitch

Incubator

JobRepublik

www.jobrepublik.com/



JobRepublik is a professional networking and jobs platform that helps European blue-collar workers find jobs and get access to exclusive trainings and services.



LES COMPANIONS

www.lescompanions.com

Les Companions
We make your process smart!

LES COMPANIONS develops collaborative robotic assistants for the building sector, with a 1st application to interior painting. These are robots that help workers on building sites and on difficult and painful tasks - the painter keeps all the decision making and finer works. The robot carries out 2 operations: painting and sanding. Our patented 3d scanning and visual programming technologies allow non-specialists to take over the machine, improve performance and lower costs in a matter of hours.



Mimopt

<http://mimopt.com/>



MIMOPT develops innovative Digital Signal Processing solutions to maximize data throughput of optical fiber communication systems



Start-up

Pitch

Incubator

NET-TOM

www.net-tom.fr



NET-TOM offers a cutting-edge modular and scalable network engineering platform with an open architecture leveraging core computing technologies designed to facilitate integration with third-party OSS systems.



Prenfit

<https://prenfit.com/>

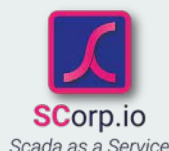


OuiSense is an end-to-end IoT solution that combines smart sensors and artificial intelligence to automate and optimise commercial building management.



Scorp.IO

<https://scorp.io/>



A new concept of SCADA as a service that allows you to supervise and control your industrial infrastructures anywhere at any time and on any device



SILINA

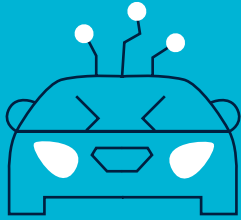
www.silina-57.webselfsite.net



Silina is a deeptech startup in microelectronics offering to curve the imaging sensors produced by traditional sensor manufacturers, at industrial scale. We develop B2B solutions for various types of sensors, at various scales, to various shapes. Our technology applies to multiple sectors as aerospace and defense, industrial imaging, smartphones cameras and autonomous vehicles.







02.14

Self-Driving Technology

Start-up

Pitch

Incubator

3DAEROSPACE

www.3daerospace.eu



3D Aerospace is a tech startup developping end to end solution for autonomous applications.

3D Aerospace aims at developping its own high accuracy connected GPS platform (eHermes) in order to map accurately the local environment which can be rural (for agriculture application), suburban (for mobility application) and urban (for smart city applications).



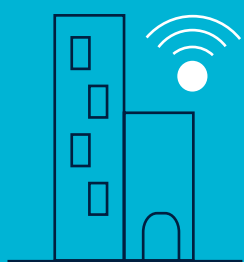
ex9

www.ex9.tech



EX9 is an Autonomous Driving systems provider : we design, develop and integrate ADAS & AD complete solutions for HDV (heavy-duty vehicles) in logistics, construction, agriculture and other industrial fields strating from exploration, experimentation to real-life user experience phases. Safety, preindustrial TRL maturity and business case optimization through cost viability is our main focus.





02.15

Smart Cities

Start-up

Pitch

Incubator

Alert Smart Cirty



The objective of Alert Smart City is to create and develop a new alert service in the event of major risks dedicated to municipalities to protect public and private establishments and vulnerable people.



L'Atelier Organique

www.atelierorganique.fr



In response to the current desire of communities and developers to revegetate and re-green cities, and particularly areas that are too mineral where there is little or no vegetation and where planting in the ground is no longer possible, L'ATELIER ORGANIQUE designs modular, sustainable and adaptable solutions for urban revegetation: eco-designed green totems, with the objective of reducing maintenance times and water use.



LeanCo

<https://leanco.fr/en/home/>



Our solutions take after the Lean approach: they let you optimise your construction schedule, boost productivity, and maximise customer satisfaction. LeanCo provides its clients with a platform (LeanCo Planification) that allows to intuitively build and manage time-location diagrams, also called taktplanning. With LeanCo Performance, you can ergonomically measure any work station, with a task assigned to one or several workers. You can of course configure the entire taskset of the work station beforehand. Beyond work stations, you can measure the performance of a crane or even that of a construction manager. With LeanCo Resolution, save time in the resolution process for defects of construction project.



Start-up

Pitch

Incubator

MAINTNERS

<https://maintners.com>



Maintners assists its clients in the management and technical operation of their buildings in 4 areas :

1. Management of maintenance and servicing services
 2. Optimisation of energy consumption
 3. Management of development works
 4. operational excellence of maintenance teams
- We are currently working with large groups and developing a web-base platform to offer a simplified automated and standardised service for piloting and managing building maintenance for establishments with a diffuse public and not backed by a large organisation



MTA CORPORATION

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



The idea of this project is to create a tool that gathers and centralises all the needs of associations and students of higher education schools, in order to develop student life. This tool takes the form of a social network, where students meet in a private group specific to each school. It will feature news feeds optimised for association communication, an event manager, a working tool for association members and many other features. This application is exclusively designed by the BDE themselves to be 100% adapted to their needs.



Start-up

Pitch

Incubator

Search Mobility

<https://www.search.cab/>



70% of employees use daily their own cars and millions of them take public transport for commuting. Commuting is a daily black spot. It's stressful, considered as a waste of time, and polluting. Companies are all concerned by this issue because 30% of their carbon footprint is linked to employees commuting. The CSR function must encourage eco-mobility. That's why we develop the first mobility solution dedicated for green commuting. Employees locate and book all green mobility services around them (carpooling, electric scooter, bike...).



THORLIGHT

<https://thorlight.fr>



Thorlight is a french start-up company with the ambition to reborn inland river transport. These are huge vessels navigating Europe's rivers and canals such as the Rhine or the Danube and transporting large quantities of goods (several thousand tons for the largest vessels) in bulk (cereals, ores, etc...). In order to achieve this ambition we decided to tackle one of the biggest problems these ships face, namely loading. On a ship with a capacity of 1500 tons, it will always load at 1400 or 1450 tons, so it will be underloaded due to a misreading of the existing tools, which will lead to a drop in turnover. Moreover, the boat is incorrectly balanced, which causes an over consumption of fuel.



TRIPBIKE

www.tripbike.eu

HYBOO (HY for hybrid, Boo for bamboo) is the only fair and green electric-assisted bicycle made in France and sold online. It is eco-responsible and ethical and is unique in the eco-designed bamboo segment





02.16

Smart Home

Start-up

Lign.O

www.lign-o.fr



Pitch

Lign.O's ambition is to strongly increase low-carbon and prefabricated construction solutions via local resources by favoring the use of wood for construction and renovation, in a regional logic of industrial, logistic and digital platform.

Incubator





02.17

Sports Technology

Start-up

Pitch

Incubator

ExocetGame

www.exocetgame.com/



We want to push back the issue of last mile delivery by making routes that are optimized and therefore more profitable and respectful of the environment.



Hopper

WWW.hopper-accessibility.com



HOPPER is a Human project seeking to improve accessibility to sport for lower limb amputees. The current market offers high performance products dedicated to high level athletes. These products are very expensive and cost more than 4000€, not reimbursed. We are looking to create a product that is closer to the need, a product that is comfortable and adaptable without neglecting performance, but also an eco-responsible product. Our strength lies in our partnerships with Airbus and Salomon in particular. We are working with the former on up-cycling their fibres from the A350 production lines. The latter is working with us to develop innovative soles that will revolutionise the sector. This "Made In France" running blade will make people happy from spring 2022



SensAi Technologies

<http://sensai.app>



Connected punching bag solution with a coaching app to help people get fit and healthy





02.18

Wearables

Start-up

Pitch

Incubator

Pam Tim

<https://pam-tim.fr/>



Pam Tim is the watch without numbers or hands that teach temporality notion to children before they learn to read ! From 3 years old, it uses child's visual memory by combining pictograms that represents their activities over the day.



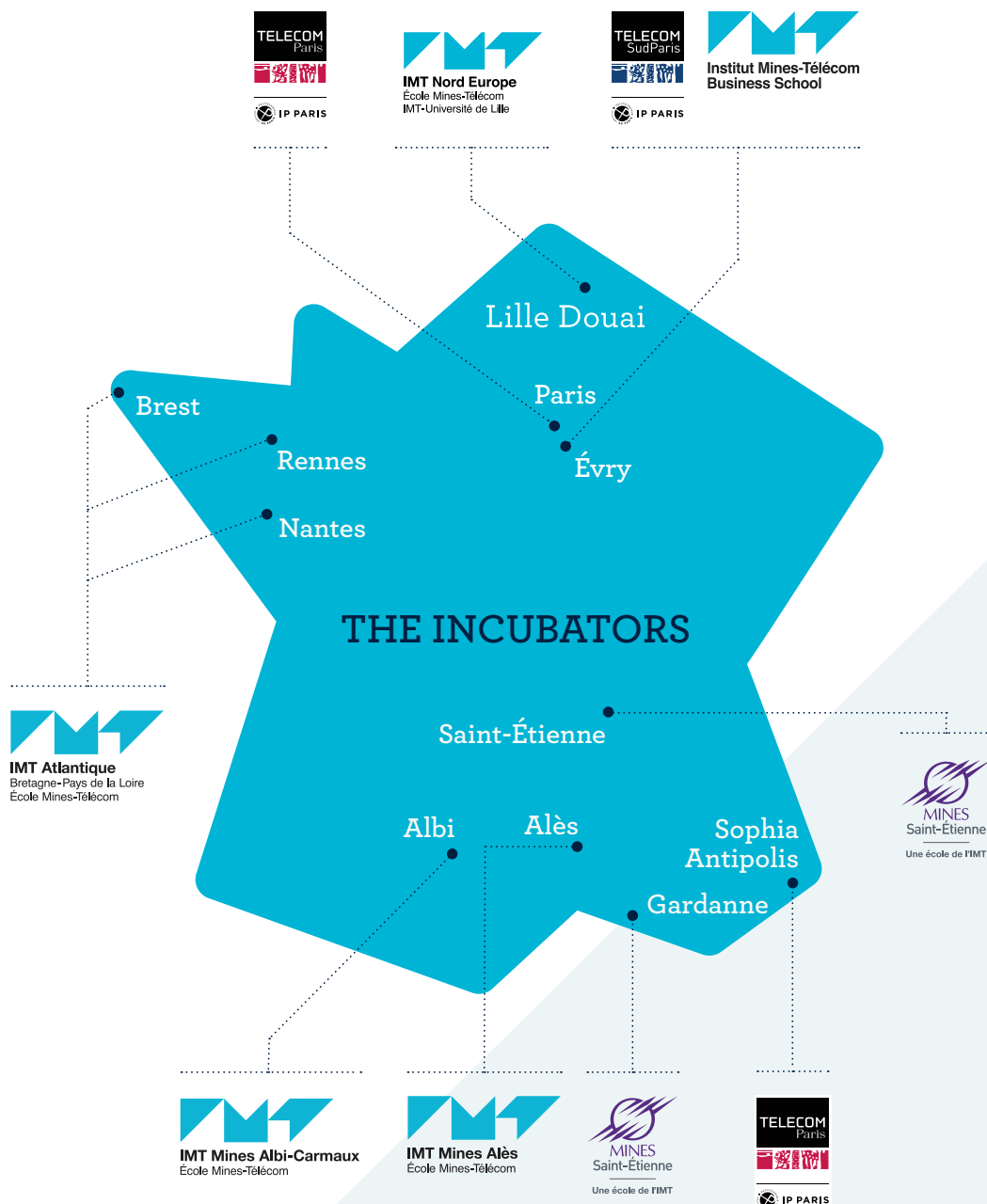


03.

A national network

With strong ties to their territories, the incubators of the IMT graduate schools contribute to regional dynamism, with more than 70 businesses created every year. Together forming a vast network, the schools' incubators benefit from the dynamism of IMT's nationwide actions, and have access to additional measures to those implemented in their region: IMT-Bercy Innovation Prize participation in VivaTech and CES Las Vegas, honor loans from the Fondation Mines-Télécom, Technology Days, etc.

The 11 incubations sites



04.

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