Institut Mines-Télécom

RÉPUBLIQUE FRANÇAISE
Liberté
Égalité
Fraternité

Start-up book 2023

Les Grandes Écoles des grands défis

Edito

Institut Mines-Télécom's start-up book 2023 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 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-up 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 80%, €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

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-ups 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

2 R&D and initiation

Honor loans from the Fondation Mines-Télécom

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

Access to the technological and scientific expertise of IMT laboratories

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

National network of 500 mentors

Access to student and alumni networks

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

Learning Expeditions in European innovation ecosystems

5 Access to financing

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

incubation sites

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

80%

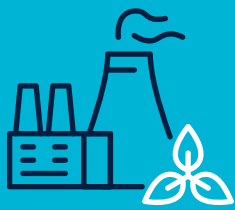**of which exceed**
the 5-year mark
(numbers 2022)

Almost

150

start-up
incubated within the network per year

02.
The
start-up

02.01

Responsible industry of the future

Start-up	Pitch	Incubator site
3DMETDIE *non créé à ce jour* Industry B2B	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.	IMT Mines Albi
Anax AR/VR 	ANAX has developed is a software solution for real estate players to simplify and improve virtual tours. The solution is based on artificial intelligence technology that reconstructs the environment from panoramic photos.	IMT Atlantique
Bansira www.bansira.com AI & Data 	Bansira is driving innovation in the banking and finance industry, providing cutting-edge technology and expert solutions.	Mines Saint-Étienne

Start-up	Pitch	Incubator site
BEHAV www.beha-v.com Sustainability 	BEHAV is an industrial start-up producing innovative fabrics with low environmental impact and significant social impact. We are currently working on a plant-based alternative to animal leather, made with cactus leaves and aloe vera non-valued wastes. Our vision is to contribute to the ecological transition of the fashion industry by addressing two critical issues: reducing environmental pollution resulting from the production of animal and synthetic leather and meeting the European Union's circular economy targets, particularly the AGEC law.	IMT Nord Europe
B-FLOW www.b-flow.fr Enterprise Solutions	B-Flow is a digital consultancy service for construction companies that offers suitable tools to collect and process site data efficiently to generate reports of all types (daily, production, material).	Télécom Sud Paris
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.	IMT Atlantique

Start-up	Pitch	Incubator site
Bysco www.linkedin.com /compan /byscobyssuscompany New Materials	Byssus biobased textile solution.	IMT Atlantique
Capsit www.capsit.fr Enterprise Solutions	Coffee encapsulation machine.	IMT Atlantique
CERANEO BtoB	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.	IMT Mines Alès

Start-up	Pitch	Incubator site
Cerca Repara Techs www.cercareparatechs.com Sustainability	Renewable energies are among the best answers to our world's growing hunger for power. Wind and solar farms are bigger and more remote. Fast and accurate inspections, and immediate reparations are key to their optimal functionality. In that, traditional tools are failing terribly. Cerca Repara Techs steps in to answer the challenges of modern inspection and maintenance on wind and solar installations, thanks to its Integrated Drone System. It provides a powerful tool, able to perform inspections and reparations, quickly and accurately, on renewable energy installations. Fully automated, it allows for more frequent inspections, accurate tracking of the evolution of the installations, and immediate reparations, thus decreasing the costs and enhancing the quality and security of the workers.	IMT Mines Alès
CleverValues www.clevervalues.com Enterprise Solutions	CleverValues allows you to naturally use the best practices in "value based marketing", thanks to a platform that will allow your teams to better build and position your offers by working on the value they really bring to your customers.	Télécom Paris
Cycloide Industry 4.0		IMT Nord Europe

Start-up	Pitch	Incubator site
Cylensee www.cylensee.com AR/VR	Cyber lenses for augmented visions in professionnal and BtoC applications. Cylensee is a Spin Off from IMT Atlantique Technological University.	IMT Atlantique
Deephawk www.deephawk.ai AI & Data	DeepHawk is re-inventing AI and uplifting machine learning capabilities, operational performance and frictionless deployment to a brand new level. DeepHawk is deployed as an edge software agent, running on compact and cost-effective off-the-shelf hardware. It is compatible with any camera (visual, X-Ray, Infra-Red, microscopic), and detects anomalies for any product (discrete, continuous, bulk and packaged goods).	IMT Atlantique
DRINKEE www.drinkee.io IoT	Drinkee supports bars with a service offering festival-goers a drink in just 20 seconds. Our solution allows you to optimize the space available at the festival.	Télécom Sud Paris
Eclore Actuators www.eclore-actuators.com Enterprise Solutions	Design and manufacture of compact and light cylinders.	IMT Atlantique

Start-up	Pitch	Incubator site
Entroview www.entroview.com Energies	ENTROVIEW develops a Battery Intelligent System (BIS) which is an additional layer to the BMS, and enables efficient, safe and durable use of the battery. The BIS offered by ENTROVIEW is based on real-time thermodynamic measurements, allowing a more thorough analysis of the battery than with conventional measurements. The solution covers the entire battery life cycle, from the R&D phase through its use to a possible second life.	Télécom Paris
EX9 www.ex9.tech Mobility	EX9's mission is to facilitate the implementation of automated and autonomous vehicles in closed compounds (logistics hubs, multimodal terminals, manufacturing and production sites, storage and redistribution areas), in order to reduce work hardship, on-site accident risks and GHG emissions, while increasing productivity and efficiency by making parallel operational activities.	Télécom Sud Paris
Fentech www.fentech.ai AI & Data	Fix today's problems Anticipate tomorrow's. The platform for Decision Intelligence that guarantees reliable forecasting. Anticipate your actions on prices, provisionning and product assortments.	Télécom Paris

Start-up	Pitch	Incubator site
Good Floow www.goodfloow.com Enterprise Solutions	Logistic risks management.	IMT Atlantique IMT Atlantique Bretagne-Pays de la Loire École Mines-Télécom
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.	IMT Mines Alès IMT Mines Alès École Mines-Télécom
LeanCo www.leanco.fr Enterprise Solutions	Lean Construction deployment software solution.	IMT Atlantique IMT Atlantique Bretagne-Pays de la Loire École Mines-Télécom

Start-up	Pitch	Incubator site
LIUM www.lium-tech.com Industry 4.0	Lium is a start-up whose mission is to help sensitive sites improve the safety and security of infrastructure and personnel. To do this, we offer them an autonomous and reliable tethered balloon system that offers them a global view of the site in order to detect any incident as soon as possible.	Télécom Sud Paris
NET-TOM www.net-tom.fr Industry 4.0	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.	Mines Saint-Étienne
Niagara Tech www.niagara.tech Industry 4.0	The Niagara platform allows manufacturers to connect their production system (machines, IoT, controllers, etc.) in real time and to make data-driven decisions in order to put an end to production hazards (scrap, material loss, availability machine, energy consumption). All through an intuitive no-code interface.	Télécom Paris

Start-up	Pitch	Incubator site
Odaptos www.odaptos.com AI & Data	Odaptos is an innovative startup, using cutting-edge AI to revolutionize user testing. Our unique SaaS product automates user testing via video conferencing and decodes user emotions and behaviors, offering a better understanding of end-user needs. We convert complex human responses into actionable insights to optimize digital service delivery in groundbreaking ways. And we're continuously learning, refining our analysis and predictive capabilities by channeling these insights back into our AI. Recognized with the Innovation Award at CES and backed by a recent €1M funding round, we're on a mission: to become the market leader with our automated and AI-enhanced user testing. Join us on our journey as Odaptos reshapes the future of UX design.	IMT Mines Alès
OuiSense www.ouisense.io IoT	Control the hygiene and health of your buildings. OuiSense helps tertiary building managers to better control hygiene and health, thanks to an IoT platform combining the best connected object technologies on the market and SaaS software.	Télécom Paris

Start-up	Pitch	Incubator site
Rheochronos www.rheochronos.com Enterprise Solutions	Support: we are not a simple intermediary but a real player in the return to work. In an inclusive and societal innovation approach, our technology promotes the skills development of candidates and professional reorientation. Innovate: we have built an AI to quickly process a volume of available information and bring out the values and aspirations of your talents in a predictive manner. The perfect match is now just a click away!	IMT Mines Alès
SCORP-io www.scorp-io.com Industry 4.0	Join the next generation of SCADA. Introducing the first no-code industrial control platform. SCorp-io is a revolutionary SCADA-as-a-service solution allowing forward-thinking companies to monitor and operate industrial sites and equipment from any device. Anytime, anywhere.	Télécom Paris
SILINA www.silina.io Industry 4.0	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.	Mines Saint-Étienne

Start-up	Pitch	Incubator site
TraQ-KING traq-king.com Enterprise Solutions	TraQ-KING develops a tracking solution for the road transport of goods. It operates in the groupage segment, which is the subject of a technological vacuum due to its complexity. The platform is designed to facilitate the work of all stakeholders by allowing them to refocus on their core business. The goal ? Upgrading the transport business by providing better quality of service without reducing margins.	Mines Saint-Étienne
V-Event v-event.tech Enterprises Solutions	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.	IMT Mines Albi

02.02

Digital sovereignty & sobriety

Start-up	Pitch	Incubator site
Aividence www.ai-vidence.com AI & Data **AI VIDENCE**	Explain your "black box" AI models to comply with the upcoming AI Act. Our solution transforms a black box into several simple models. AI-vidence is a publisher of AI explainability solutions. We work with the best French laboratories to promote trusted AI, which puts humans in the loop and respects the environment (more frugal models).	Télécom Paris TELECOM Paris / IP PARIS
ALCAWIN www.alcawin.com Enterprise Solutions	Developer of a sales intelligence platform designed to establish reliable sales projections. The company's platform collects and analyzes all data within an organization and outside the organization that could influence an act of purchase or that could be replicated to trigger an act of purchase, enabling businesses to accelerate their sales cycle by analyzing and prioritizing their prospect portfolio in an innovative way using AI.	Télécom Sud Paris TELECOM SudParis / IP PARIS
Angelia www.angelia.one Enterprise Solutions angelia	SaaS solution to secure and facilitate the use and exchange of digital data between relatives.	Télécom Paris TELECOM Paris / IP PARIS

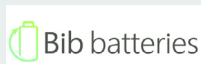| Start-up	Pitch	Incubator site
Athena recherche www.athena-recherche.fr Energies	recovery of waste into energy	IMT Atlantique
BiB Batteries bib-batteries.fr Energies	Bring transparency to your batteries. by displaying all the key data on your battery in one place, and having insights about their capacity and value.	Télécom Paris
Brain Security www.brainsecurity.io Cybersecurity	BRAIN is a cyber awareness startup BRAIN takes into account the most forgotten aspect of cybersecurity: the brain. Its B2B SaaS reduces human errors over time. How? With the use of behavioral sciences to capture attention, its automated learning loop helps users change their bad behaviors by detecting them and providing customized training.	Télécom Paris

Start-up	Pitch	Incubator site
Bulldog www.getbulldog.xyz Web 3.0 **BULLDOG**	Bulldog Platform helps brands integrate NFTs in their marketing strategy	Télécom Paris
Chimere chimere.eu Cybersecurity CHIMERE	Chimere allows you to access the applications and services of your information system that have become invisible, whether they are on-premise or in the cloud. Attackers can no longer directly target them.	Mines Saint-Étienne
CLR Labs www.cabinet-louis-reynaud.fr/clr-labs Cybersecurity CLR Labs La Ciotat	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...	Mines Saint-Étienne

Start-up	Pitch	Incubator site
Crystal-Quantum-Computing www.crystalqc.io BtoB CRYSTAL QUANTUM COMPUTING	Our technology comes from laboratories of excellence in Europe. Our next-generation quantum computer will allow us to offer customers unparalleled computing power. Crystal Quantum Computing services will be delivered through a software platform from a central location in France to customers worldwide.	Télécom Paris TELECOM Paris IP PARIS
CYBERSHEN www.cybershen.com Cybersecurity cybershen	A plug&play sovereign DeepTech cybersecurity solution for endpoint protection	Télécom Paris TELECOM Paris IP PARIS
CYCLORGAZ Pas encore créé Energies	Cyclorgaz wishes to give farms an alternative to fossil fuels via small methanisation facilities. These micro-methanizers will save space in dense areas, improve the acceptability of local residents and reduce costs compared to a conventional installation. They also want to upgrade the gas after extracting the methane that was previously considered waste. This gas can give rise to several uses (promoting the growth of crops, animal anesthesia, etc.).	IMT Mines Albi IMT Mines Albi-Carmaux École Mines-Télécom

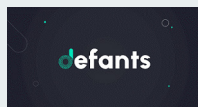| Start-up	Pitch	Incubator site
Daspren www.daspren.com Cybersecurity	DASPREN has developed PARAD a new approach based on data-centric artificial intelligence, PARAD is the only solution capable of detecting ransomware attacks in pure zero-day and without any history.	IMT Atlantique
Defants www.defants.com/fr Cybersecurity	Traditional digital investigation tools consist of producing a multitude of text files (csv, excel, etc.). DEFANTS has developed an innovative technology to offer a semantic investigation tool. Experts can then conduct their investigation in the form of a knowledge graph, to explore and discover complex attack paths.	IMT Atlantique
Denv-R www.denv-r.com Smart cities	The floating datacenter	IMT Atlantique

Start-up	Pitch	Incubator site
DUSA LABS www.dusa.io Web 3.0	Dusa is the first dApp to build DeFi on the Massa blockchain. This represents the opportunity to capture an entire community aware of decentralization and then to build the foundations of an innovative DeFi ecosystem on Massa. This is the first time that a DeFi application has been able to claim that it is 100% on-chain.	Télécom Sud Paris TELECOM SudParis IP PARIS
FILIZ www.filiz.io Enterprise Solutions	Filiz is a SAAS platform for schools and CFAs to allow the complete management of work-study contracts, internship agreements and training agreements. Universities, schools, students and companies can use our platform to choose the type of contract, fill in the minimum information and generate all the documents.	Télécom Sud Paris TELECOM SudParis IP PARIS
FLIPPIT www.flippit.ai AR/VR Flippit	The no-code tool for AI characters Flippit is building the first no-code tool empowering creators to craft personalities for interactive and animated AI characters for the next generation of virtual experiences. Say goodbye to tedious scripting and hello to natural, unscripted interactions that bring your virtual world to life. It's time for you to free your imagination, create unique characters and let your community have fun with them.	Télécom Paris TELECOM Paris IP PARIS

Start-up	Pitch	Incubator site
Fractal Energy www.fractalenergy.io Energies 	The first energy box that reduces the electricity bill and the carbon footprint of households Fractal Energy is a French company fighting against energy poverty and climate change. Our goal is to contribute to the required energy transition by helping every households and concerned citizens getting involved in the optimisation of their consumption of renewable electricity and thus reduce their electricity bill and their carbon footprint.	Télécom Paris
Green4Cloud www.green4.cloud 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. Additionally, Green4Cloud is supported by BPI, and successfully raised a pre-seed funding of 60K€. We are also incubated by IMT Mines Alès, who provides us with guidance and support. These accomplishments reflect our commitment to innovation and industry growth. Join us in our eco-conscious journey as we reshape the future of cloud services.	IMT Mines Alès

Start-up	Pitch	Incubator site
Heelio www.heelio.io Enterprise Solutions 	The solution of Financial direction for start-ups and SMEs. Ready to use and adapted to your sector! Support by an external financial director heelio. Quick and effortless software setup. Automated financial tracking and forecasting.	Télécom Paris
IZAAC www.in-tracks.fr Sustainability 	Izaac est une plateforme de supervision des consommations d'énergie renforcée par une équipe d'expert en énergie pour une analyse de vos données au plus proche du besoin de ses clients. Que cela soit pour le secteur tertiaire ou industriel, la mise en place d'une stratégie pilotable de réduction d'impact environnementale n'a jamais été aussi accessible.	IMT Nord Europe
Kardomance www.kardomance.com Web 3.0 	Kardomance a French video game studio, specialized in the publishing of blockchain video games. The company publishes Kardomance, a digital card game in which the cards are NFT.	Télécom Paris

Start-up	Pitch	Incubator site
KITOZ Energies	We manufacture and sell a profitable solar concentrator in 3 years without subsidy (vs. ROI 7/10 years) to provide renewable heat to industrialists. The system will be patented and certified. We aim to reduce the complexity of the product as much as possible in order to achieve this ROI objective	IMT Mines Albi
Lablabee www.lablabee.com Industry 4.0	Operational expertise with virtual hands-on Telco Cloud labs in 5G, Edge, IoT and beyond	Télécom Paris
Lapala www.lapala.io Enterprise Solutions	Lapala is a No-Code processes platform that allows companies to digitalize their activities easily, improving performance and work comfort. Lapala automates processes, avoids re-entry of data, streamlines collaboration, and capitalizes on company know-how.	IMT Atlantique
Mockapp Studio www.mockapp.com/fr Enterprise Solutions	From design to prototype in seconds! Turn your Figma, Adobe XD, Sketch or Canva project into an installable mobile app in a few clicks!	Télécom Paris
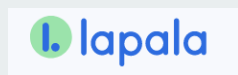
Start-up	Pitch	Incubator site
Mr ARTHUR www.mrarthur.io AI & Data	Mr Arthur accompanies your child in his use of screens by raising his awareness and empowering him to engage him in the long term through a process of reducing screen time and introducing intelligent time (educational and cultural).	Télécom Sud Paris
NOTRELEC www.notrelec.fr Energies	This project focuses on the development of collective self-consumption, more particularly on solar energy. The service developed by Notrelec is a "meeting site" which technically and socially organizes electricity producers and consumers.	IMT Mines Albi
Opscidia www.opscidia.com/fr AI & Data	Create engagement in your scientific monitoring processes Our easy-to-use platform is ideal for teams who want to collaborate better. It will allow them to easily share the watch and work together more efficiently.	Télécom Paris
Ornisec www.ornisec.com Cybersecurity	ORNISEC was born from a deep passion, that of reinventing the consulting business by offering pragmatic solutions and post-service support, to help our clients achieve their cybersecurity objectives.	IMT Atlantique

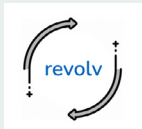| Start-up	Pitch	Incubator site
Osly www.linkedin.com /company/oslysolutions Enterprise Solutions	Digitalization of the accesses for the common parts of the buildings	IMT Atlantique **IMT Atlantique** Bretagne-Pays de la Loire École Mines-Télécom
Revolv www.revolv.ai AI & Data	Revolv is a deeptech startup that develops technologies to optimize the management and quality of data in organizations, with a specific focus on HR processes and employee information. Today, the lack of data and its incompleteness are time-consuming obstacles that affect key decisions on recruitment, training and careers. With Revolv, HR and IT teams can diagnose the health of their data and be guided by AI to get all the information they need to implement their strategy.	Télécom Paris TELECOM Paris IP PARIS
Rvest www.linkedin.com /company/rvest/ Web 3.0 **RVEST**	Stable and liquid investment solution, based on decentralized finance. Our product will be available when we have obtained the registration of Service Provider on Digital Assets with the French financial markets authority.	Télécom Paris TELECOM Paris IP PARIS

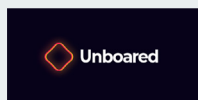| Start-up	Pitch	Incubator site
SHIFT 89 www.shift89.fr Enterprise Solutions	The shift89 augmented reality solution allows any expert in a manual trade to record their know-how in order to transmit it to other people in complete autonomy with an attractive technology. shift89 customers come from all types of industries and use the solution to perfect their manual processes in production.	Télécom Sud Paris
SKREENPLAY www.skreenplay.io/fr AI & Data	Skreenplay is the first idea-to-video solution available to businesses. Using our combinatory AI technology, we generate high-quality videos in large quantities and at lower costs	Télécom Paris
Superfans www.spfns.xyz Web 3.0	We are building the simplest contribution data infrastructure for organisations of all sizes to reward verified web2 & web3 contributions, track fans engagement and develop participatory communities.	Télécom Paris
UGO www.ugo.co Retail	Ugo is a virtual assistant at the service of local businesses that will reconcile them with digital and offer them a whole range of actions so that they stand out.	Télécom Sud Paris

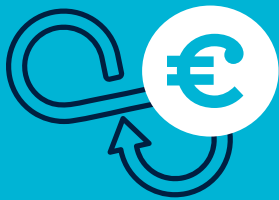| Start-up	Pitch	Incubator site
UNBOARED www.unboared.com 	Unboared is a console-less game console for playing local multiplayer games using a screen and your smartphones as controllers.	Télécom Paris
VALUECO www.valuecometrics.com Web 3.0	Valueco is the first benchmark platform that captures market sentiment on ESG and sustainability factors of listed companies.	Télécom Sud Paris
Wallace Technologie www.wallace-technologies.com Energies 	Wallace Technologies is an innovating Start-up developing an PTES Solution (Pumped Thermal Electricity Storage). Our disruptive innovations are to improve efficiency of our Stirling technology with high compactness heat exchangers carefully implanted in the system. We actively collaborate with IMT and the Ecole des Mines de Saint-Etienne in order to develop our high compactness heat exchangers by metal additive manufacturing.	Mines Saint-Étienne
Yami www.yami.eu AI & Data 	Yami is a new fair and social insurance for your smartphone.	Télécom Paris

02.03

Energy, circular economy and society

Start-up	Pitch	Incubator site
ART CONSORTIUM www.artconsortium.io Web 3.0 *Art* CONSORTIUM	Empowering the public and the art world through value sharing. Art Consortium provides our partners with the tools necessary to leverage the opportunities newly offered by blockchain technology and NFTs.Thanks to these tools they can unlock innovative funding sources to help with expanding their collections and contributing to their exhibition and educational programming.	Télécom Paris TELECOM Paris IP PARIS
ASH UP Family &Kids	Over 1,000,000 of tons of ashes from wood fires are buried every year in France	IMT Mines Albi IMT Mines Albi-Carmaux École Mines-Télécom
BANKSIA Sustainability	Banksia seeks to recover used equipment from security and fire departments. These cover the SDIS but also the army, private services (private firefighters) and various organizations (SNSM for example). At constant cost, they are ready to play the valuation game. Our first target concerns aramid + viscose and polyester + polyamide clothing.	IMT Mines Albi IMT Mines Albi-Carmaux École Mines-Télécom

Start-up	Pitch	Incubator site
BARAK www.webarak.fr Smart cities	Barak is the 1st principle of subscription to a second home, to allow the 50% of French people who dream of it to enjoy all the pleasures of a 2nd home (come back there regularly, have their bearings, leave belongings) without having to leave buy (financial commitment, and over several years).	Télécom Sud Paris TELECOM Paris IP PARIS
BedBoat www.bedboat.fr Sea BedBoat	In France, there are more than 1 million boats almost unused... The ports are both full and empty at the same time, full of boats, but empty of people. This is why we created BedBoat, the accommodation platform for quayside boats. Our challenge: to transform the boats from these giant dormitories into luxurious and singular accommodations ! BedBoat revolutionizes the use of boats by giving them a new function. They are no longer just used for sailing, but also as unique accommodation in ideal locations. This maximises their time of use without additional costs or pollution. BedBoat offers an alternative in terms of accommodation with an original concept promoting the collaborative economy.	EURECOM EURECOM Sophia Antipolis

Start-up	Pitch	Incubator site
BOUDI www.boudi.io 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.	IMT Mines Alès
CACTILE 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.	IMT Mines Albi
CARBON BLUE www.carbonblue.fr Sustainability	Network of connected plastic recycling micro-factories	Télécom Sud Paris

Start-up	Pitch	Incubator site
CLIC & MOI www.clic-et-moi.com Enterprise Solutions	CLIC&MOI is a service that connects young people looking for a supportive and well-paid student job alongside their course, with seniors who are victims of the digital divide and who need support on their computer, tablet or smartphone.	Télécom Sud Paris
clicnwork www.clicnwork.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!	IMT Mines Alès

Start-up	Pitch	Incubator site
Comin www.comin-app.com Mobility	COMIN provides a ride-hailing platform leveraging blockchain technology, in partnership with existing providers. Users can effortlessly pay for rides using either fiat or cryptocurrencies thanks to our hybrid payment system, ensuring maximum flexibility and convenience. COMIN streamlines the ride-hailing experience. No need for multiple apps, no hidden fees - just a fast, fair, and user-focused service. With COMIN, we're simplifying the ride-hailing experience while upholding principles of fairness and transparency	Télécom Paris
DREAMCITIES www.dreamcities.xyz AR/VR	dreamcities is a metaverse and a virtual reality platform. The first VR travel agency dedicated to cities and cultural experiences into the web3. Virtual tourism is still in its debuts, but we are already providing a unique immersive experience of the highest quality ever, that even real travels could never offer. We create tailor-made virtual trips, to deliver to the audiences unforgettable and powerfull emotions.	Télécom Paris
EdenMap www.edenmap.com Mobility	Automated Postal Addressing System Solutions	IMT Atlantique

Start-up	Pitch	Incubator site
Etteliot www.etteliot.com/fr Mobility	Development of sustainable toilets	IMT Atlantique
Fairscope www.fairscope.co Sea	Disruptive Flow-through water & Ocean microscopy applied at Plankton and biodiversity observations	IMT Atlantique
FUNGUS SAPIENS www.fungus-sapiens.com New Materials	FUNGUS SAPIENS WANTS TO REPLACE ANIMAL LEATHER IN THE LUXURY INDUSTRY WITH A RECYCLABLE MUSHROOM MATERIAL	IMT Mines Albi
Hexachip www.hexachip.eu Retail	Antigaspi marketplace dedicated to electronic components	IMT Atlantique

Start-up	Pitch	Incubator site
HOPPER www.hopper-accessibility.com Sports Technology	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	IMT Mines Albi
Lign.O www.lign-o.fr Industry 4.0	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.	Mines Saint-Étienne
Metcher www.metcher.fr Enterprise Solutions	Mobile app to simplify photo sharing at events	IMT Atlantique

Start-up	Pitch	Incubator site
Oceanovox www.oceano-vox.com Sea	Climate & Oceanic in situ data for environmental management	IMT Atlantique **IMT Atlantique** Bretagne-Pays de la Loire École Mines-Télécom
Paxity www.paxity.eu Smart cities PAXITY	Did you ever want to « do the right thing », but did not know where to start? To give a hand but were afraid to take the first step, did not have the time, or simply thought there was nothing to be done? Introducing Paxity, your gateway to making a positive impact effortlessly. In your home town, at your work place, or in any public place you visit, Paxity lets you report issues, contact the appropriate person or service, and ask for help or help each other directly. Beside fostering solidarity, Paxity benefits the various services involved, improving the information collected, streamlining operations, and leading to faster, better qualified interventions. Paxity is a catalyst for change which lets users contribute to their community, while greatly improving support services' efficiency.	IMT Nord Europe **IMT Nord Europe** École Mines-Télécom IMT-Université de Lille
Sharly www.sharly.fr Enterprise Solutions Sharly	Sharly, the only platform to (re)take control of your external stakeholders* in mass distribution!	IMT Atlantique **IMT Atlantique** Bretagne-Pays de la Loire École Mines-Télécom

Start-up	Pitch	Incubator site
START BRIDGE www.startbridge.io Enterprise Solutions	Start Bridge is the platform for innovators to connect with open innovation program managers.	Télécom Sud Paris
StudyInFrance www.studyinfrance.net/fr Mobility	Studyinfrance has developed the site dedicated to the community of international students in France which brings together all the information and resources to facilitate the preparation of their stays	IMT Atlantique
SUIVEZ LA CONSIGNE www.suivezlaconsigne.fr Sustainability	Suivez la consigne is a solution allowing professionals to set up reuse for food containers of all kinds thanks to support throughout the value chain, from logistics to contact with points of sale while educating consumers about benefits of reuse.	Télécom Sud Paris

Start-up	Pitch	Incubator site
Swoop Energy www.swoopenergy.com Energies	SWOOP Energy offers a range of eco-responsible and totally silent electric generators that use reconditioned electric vehicle batteries to replace polluting, noisy and harmful generators. We recover electric vehicle batteries after they have been used in the vehicle and integrate them into mobile power supply solutions that provide access to electricity in remote locations. Our generators allow professionals in the construction industry, film production and event management to have a power source close to the electrical equipment they need to power, without any noise or CO2 emissions.	IMT Nord Europe
Sylva ai www.sylva.ai Sustainability	Sylva is a solution for ecosystem restoration project developers to measure, report on, and uplift biodiversity impact	Télécom Paris
Unicy www.unicy.fr Mobility	Development of a new transmission solution for cycle	IMT Atlantique

Start-up	Pitch	Incubator site
Vectura System www.vectura-system.com Mobility	Sustainable transition of logistic fleet	IMT Atlantique
Velonomy www.velonomy.com Mobility	All-in-one rentals of ebikes for companies and employees	IMT Atlantique

02.04

Health and well-being engineering

Start-up	Pitch	Incubator site
Airshell www.airshell.fr Sustainability	AirShell designs ultra-insulating covers for swimming pools. > Our commitment in the face of water and energy issues : Taking 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's make maintenance easier. Vacuuming or Karchering directly above! 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.	IMT Nord Europe
Cobalt Contraception www.cobalt-contraception.com Health & Well-Being	non invasive and total reverse masculine contraceptive solutions.	IMT Atlantique
Damad www.damad.fr AI & Data	right data for right decision in health environnment.	IMT Atlantique

Start-up	Pitch	Incubator site
DEEPTIMIZE www.deeptimize.com/fr Sport Tech	Deeptimize develops artificial intelligence tools that enable to extract data from videos in the most simple, fast and automatic way. These tools are made available for sport performance and health applications.	Télécom Paris
GOTOIoT www.gotoiot.io IoT GOTOIoT	GOTOIoT Designs and sales Internet of Things solutions, for healthcare, retail, supply-chain. The solution uses a smart label to provide a set of hands-free, assistance and preventive services, addressing elders and impaired people.	Télécom Paris
Haï Mask www.linkedin.com/in/maxime-menardo-ab437a159/ Health & Well-Being	"Haï Mask is a portable connected mask that measures user's gas exchange in real time at rest and while exercising, with results displayed on a mobile app. It consists of a silicone mask and an electronic box. It's for top-level athletes and experienced sportsmen/women who want accurate performance monitoring. Fitness trainers also benefit from it to track athletes' performance. Haï Mask provides real-time training zone feedback, avoiding subjective biases. It's a powerful training companion for sportive amateurs, offering effort zone indications, explanations of physiological values, and sport-specific training advice. Parameters measured include VO2max, Calorimetry, Ventilatory thresholds, and determination of metabolic energies pathway.	IMT Mines Alès

Start-up	Pitch	Incubator site
Holowind Health & Well-Being Holowind	The Holowind 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.	Mines Saint-Étienne MINES Saint-Étienne Une école de l'IMT
HOPTÉO apps.apple.com/my/app/hopteo/id6447057343 AI & Data	Orientis wishes to offer a platform dedicated to the orientation of future students in engineering and business schools. Like the social dating network Tinder, the student will be able to "swipe" from one school to another. By centralizing information, communication between schools and students will be facilitated. Thanks to its algorithm, the application offers the user schools adapted to their tastes and needs. The target customer is made up of engineering and business schools.	IMT Mines Albi IMT Mines Albi-Carmaux École Mines-Télécom
HUVY www.huvy.fr Health & Well-Being	The HUVY tool developed by our company is a software embedding machine learning models and which allows, from a photograph of the mole, to determine a cancer risk.	Télécom Sud Paris TELECOM Paris IP PARIS

Start-up	Pitch	Incubator site
Inclusive brains www.inclusive-brains.com AI & Data	Inclusive Brains leverages AI and neurotechnologies to empower machines to sense how their users feel thanks to its new generation of brain-computer interfaces (BCIs). Thanks to its device-agnostic product (The Brain Operating System) machines and digital environments (AR, VR, metaverse) will be able to sense how their users feel to better understand, adapt and anticipate their behaviors, avoid errors and make better decisions. Inclusive Brains BCI solutions empower individuals with disabilities preventing them from using their limbs to control connected objects (workstations, computers, appliances) with mental commands only.	Mines Saint-Étienne
Intradys www.intradys.com AR/VR	Intradys is a medical software company developing the next-gen ecosystem for interventional neuroradiology: planning, guiding and patient follow-up. We also offer LUMYS, an immersive communication platform taking to its full potential mixed reality.	IMT Atlantique
Ivanae medical www.ivanae-medical.com Health & Well-Being	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 with IMT Atlantique.	IMT Atlantique

Start-up	Pitch	Incubator site
LUNA www.luna-endometriose.com Health & Well-Being	Luna offers you to take a medically approved endometriosis screening test, take care of yourself & better understand your health!	Mines Saint-Étienne
MALINE Pas encore créé Health & Well-Being	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 calm the pain.	IMT Mines Albi
Mobideep www.mobideep.fr Mobility	Immersive learning systems to develop sustainable mobilities.	IMT Atlantique
NOSTY www.nosty.co Web 3.0	Nosty revolutionizes both the funding and development of medical research by creating a decentralized platform based on blockchain technology, enabling investors to acquire and support innovative health projects through SCI-NFTs and a high-quality DAO.	Télécom Paris

Start-up	Pitch	Incubator site
OISIO www.oisio.fr IoT 	OisiO is a student start-up that combines technological innovation and biodiversity conservation. To combat the massive decline in bird numbers, we are proposing our simple, educational and innovative solution: a connected bird feeder. Users install the feeder equipped with a mini-camera in their garden, connect the camera to their WiFi network using the application, and the experiment begins. Each bird that feeds at the feeder is photographed and the user receives a notification via the app. Our artificial intelligence then recognises the species of bird to provide the user with more information. Moreover, it also contributes to build up a database to automatically count birds by species, helping ornithologists in their work to protect birds.	IMT Nord Europe
O-Kidia www.o-kidia.com Health & Well-Being 	The Digital Clinic of Neurodevelopmental Disorders for Children & Adolescents.	Mines Saint-Étienne

Start-up	Pitch	Incubator site
OmniShape omnishape.io Sport Tech 	Discover OMNISHAPE, the start-up fighting overweight and obesity epidemic (more than half of humans by 2035) with innovative Digital therapeutics (DTx) solutions. Our health companion App "Motivation to Move" is the first French mobile application that uses blockchain and artificial intelligence to motivate users to take charge of their health, personal data and digital identity. We reward active users engaged in regular physical activity and healthy eating with coupons from our partners and unique experiences in form of NFTs. Associated with a medical doctor co-founder, we differentiate ourselves through close collaboration with health organizations (hospitals, clinics and medical centers). Join us to promote ecological and social values while improving your health!	EURECOM
Oso-AI www.oso-ai.com AI & Data	Smart solutions, audio and AI based to enable clinical staff management and services.	IMT Atlantique

Start-up	Pitch	Incubator site
Oxyledger www.oxyledger.com/fr AI & Data	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...). We are developping a software ecosystem, compliant with European (MDR 2017/745/UE) and American regulations, and IT interoperability standards to put manufacturers, healthcare institutions and patients closer, into a win-win relationship.	IMT Atlantique
PanaXium www.panaxium.com Health & Well-Being	PanaXium uses its expertise in the fundamentals of bioelectronic medicine to design and develop new therapies and help change the science of healing forever.	Mines Saint-Étienne
PGU MEDTEC www.linkedin.com /company/pgu-medtec Health & Well-Being	Designers of ultra-realistic 3D metahumans in terms of their motricity and appearance (biomechanics of the musculoskeletal system, skin, fat, muscles, tendons and ligaments) for both surgical or functional orthopaedics, their R&D as well as specialized animation.	Télécom Paris

Start-up	Pitch	Incubator site
PianoLed IoT		IMT Nord Europe
Pixaid www.pixaid.fr Health & Well-Being	Software solutions meant to assist nursing homes workers.	IMT Atlantique
QONFLUENS www.qonfluens.com Sustainability	Qonfluens merges species dynamics and environmental toxicology within a SaaS platform to anticipate and test control strategies for invasive species and pathogen vectors. Due to climate change, agricultural pests and disease vectors are spreading to new territories, jeopardizing human health, food security, and biodiversity. By combining our expertise in environmental chemistry and understanding of species dynamics, we aim to facilitate access and deployment of risk assessment scenarios for the health and environmental impacts of pesticides and biocontrols.	IMT Mines Alès

Start-up	Pitch	Incubator site
Sawa www.linkedin.com/in/ana-pascaud/ Health & Well-Being	Digital tools for animal welfare assessment.	IMT Atlantique IMT Atlantique Bretagne-Pays de la Loire École Mines-Télécom
SKAIROS www.skairos.io Health & Well-Being	"SKAIROS' activity is based on the ambition to bring the first digital twins of the spine to spinal implant manufacturers, regulatory bodies and clinicians. With its expertise in clinical biomechanics of the spine and its cutting edge tools in numerical simulation, SKAIROS provides a global support service from the pre-market phase (simulations for implant design analysis) to clinical use with subject specific simulations for surgery planning and for post-market evaluation."	Télécom Paris TELECOM Paris IP PARIS
Smart Macadam www.smartmacadam.com/en Health & Well-Being	Smart Macadam uses innovative technologies to preserve the autonomy of people weakened by age, handicap or illness.	IMT Atlantique IMT Atlantique Bretagne-Pays de la Loire École Mines-Télécom

Start-up	Pitch	Incubator site
Sonaide www.sonaide.fr Health & Well-Being	SONAIDE has developed a box equipped with artificial intelligence installed in the home and which analyzes ambient sounds to identify changes in habits and detect the first warning signs of loss of autonomy in the elderly.	IMT Atlantique Bretagne-Pays de la Loire École Mines-Télécom
Take Coeur www.takecoeur.com Health & Well-Being	Remote monitoring of heart failure.	IMT Atlantique Bretagne-Pays de la Loire École Mines-Télécom
VERTIX www.vertix.care Health & Well-Being	Because maintaining the ability to move well is essential to stay healthy, Vertix develops caring and innovative solutions that promote the maintenance of autonomy, mobility, comfort and safety of dependent people at home and in care structures.	IMT Mines Alès École Mines-Télécom
VIVARDIS www.vivardis.fr Health & Well-Being	Vivardis is a young innovative company, cumulating more than 50 years of experience in the innovation of technology and service for chronic respiratory diseases. Building on its contacts with expert doctors, Vivardis has developed Nivolis, a connected medical device that fits between the patient and their respirator, regardless of brand or type.	Mines Saint-Étienne MINES Saint-Étienne Une école de l'IMT

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

TELECOM Paris
IP PARIS

IMT Nord Europe
École Mines-Télécom
IMT-Université de Lille

TELECOM SudParis
IP PARIS

Institut Mines-Télécom
Business School [1]

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

MINES
Saint-Étienne
Une école de l'IMT

IMT Mines Alès
École Mines-Télécom

EURECOM [2]

IMT Mines Albi-Carmaux
École Mines-Télécom

MINES
Saint-Étienne
Une école de l'IMT

Lille Douai

Paris

Brest

Rennes

Évry

Nantes

THE INCUBATORS
OF IMT SCHOOLS

Saint-Étienne

Albi

Sophia
Antipolis

Alès

Gardanne

[1] **JOINT INCUBATORS WITH ENSIEE**
[2] **JOINT INCUBATORS WITH EDHEC**

04.

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