PRESS RELEASE– PARIS – 25 MAY 2023

Contacts

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Over fifty companies that emerged from or are supported by the laboratories of the CNRS and its partners

NATIONAL PRESS RELEASE – PARIS – PARIS – 25 MAI 2023

The CNRS at VivaTech: Discover the major challenges of tomorrow

- Transferring the best inventions that grew out of public research toward the market is one of the CNRS's missions. With over 1,400 active companies created on the basis of research results emerging from laboratories under its supervisory authority, the CNRS has established itself as a crucial player in French deeptech.
- Presented this year at the CNRS stand: innovations from ten start-ups that grew out of laboratories under its supervisory authority, specializing in the fields of quantum technology, sustainable development, health, and energy.
- The programme at the CNRS stand features: a series of talks including one by Alain Aspect, winner of the 2022 Nobel Prize in Physics and Senior Researcher Emeritus at the CNRS.

Visit the CNRS stand at Pavillion 1 J47, Paris Expo Porte de Versailles.

Visit the CNRS from 14-17 June in Paris at the Vivatech gathering. Working closely with the SATT Network, the CNRS is highlighting ten start-ups that will present their innovations responding to the major challenges of today and tomorrow in the fields of energy, health, sustainable development, and quantum technology. At the CNRS stand you will have the opportunity to attend a discussion between Alain Aspect, winner of the 2022 Nobel Prize for Physics, and Antoine Petit, Chairman and CEO of the CNRS, as well as other original round-tables that help grasp how research personnel and companies emerging from laboratories under CNRS supervisory authority are developing the technologies of the future, thereby enabling society to say one step ahead.

For its fourth participation at Vivatech, the CNRS has decided to showcase technologies that meet challenges in fields that are more relevant than ever. Quantum technologies, health, sustainable development, and energy will be present via the ten companies presented at the CNRS stand, with all of them having grown out of results in fundamental research.

In quantum technology, you can discover the start-up Weling, which connects quantum processors to one another in order to increase their computing power, in addition to Siquance, which is developing a universal quantum computer, and Exail, which creates high-performance sensors and measuring instruments based on quantum technologies.

Technologies relating to sustainable development will be represented by Cilkoa, which replaces plastic with cellulose in packaging, and Recyc'Elit, which offers a process that can recycle plastic waste, as well as certain textiles.

In the field of health, visitors can discover One Biosciences, which develops new precision medicine thanks to a novel approach using artificial intelligence, Resolve Stroke, which improves care for patients by making high-definition medical imaging accessible, and Mablink Bioscience, which invents biomedicines in the fight against cancer.

Energy is also a leading sector for the creation of start-ups at the CNRS. Spark Cleantech is developing a revolutionary process for producing decarbonized hydrogen, while VHquatrevingtreize produces

water current turbines for green and predictable energy.

Also presented at the CNRS stand:

- Alain Aspect, winner of the 2022 Nobel Prize for Physics and the 2005 CNRS Gold Medal, as well as a CNRS Senior Researcher Emeritus and co-founder of the quantum start-up Pasqal, will speak alongside Antoine Petit, Chairman and CEO of the CNRS, to emphasise the excellence of French public research in quantum technology (and its key role in creating the innovation of the future).

- Presentations, as part of the series “Innovation and prospectives: CNRS Talks,” will occur each day on various topics such as parity in deeptech, or the launch of new offerings for companies created from scientific discoveries growing out of laboratories under CNRS supervisory authority.

- The SATT Network, a key CNRS partner in the technology transfer of research results, will present for the first time at this space, notably to give the public an overview of its support offerings for scientists. Of the 10 start-ups presented this year, seven received support from SATTs (technology transfer subsidiaries).

“As a major actor in French and European research, the CNRS plays a leading role in terms of innovation. This is why we are present at Vivatech, where we are showcasing those of our best research endeavours that, together with our partners, contribute to the creation of deeptech companies. This year, we are also proposing a novel presentation programme to demonstrate, through concrete examples, the close and permanent links between research and innovation,” stresses the CNRS Chairman and CEO Antoine Petit.

Journalists, if you would like to meet these companies at Vivatech, contact Océane Piquet to schedule a time: oceane.piquet@cnrs.fr

Practical information
From Wednesday, 14 June to Saturday, 17 June 2023, from 9:00 am to 6:00 pm.
Paris Expo Porte de Versailles; pavillions 1 & 2
1, place de la Porte de Versailles, 75015 Paris
Press accreditation, up through 10 June: https://subscribe.vivatechnology.com/media

Learn more about the CNRS’s fourth participation at the Vivatech gathering

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Wednesday 14 June

13:00 Discussion between Alain Aspect, winner of the 2022 Nobel Prize for Physics, and Antoine Petit, CNRS Chairman and CEO

14:30 The promise of quantum technology

- Tom Darras, CEO of the start-up Welinq
- Maud Vinet, CEO of the start-up Siquance
- Peter Rosenbusch, from the company Exail and the joint iXAtom Laboratory - created in 2017 between CNRS, the Graduate School of Optics Institute, the University of Bordeaux, and the company IxBlue (now part of Exail) - is interested in quantum systems for positioning and inertial navigation.

17:00 Presentation of CNRS Rise Up, the new offering from the CNRS

- Jean-Luc Moullet, CNRS Chief Information Officer
- Mehdi Gmar, Director of CNRS Innovation
- Accounts of companies that emerged from laboratories under CNRS supervisory authority, including Tom Darras, CEO of Welinq

Thursday 15 June

11:00 Deeptech: Market oriented support strategies

- Mehdi Gmar, Director of CNRS Innovation
- Catherine Guillemin, President of SATT SAYENS

13:00 Recyclability and the circular economy: from respecting the environment to competitiveness

- Jean-François Gérard, researcher, scientific manager of the Recyclability, Recycling, and Reincorporation of Recycled Materials PEPR
- Raouf MEDIMAGH, CTO of the start-up Recyc'Elit
- Romain Lecot, CEO of the start-up Cilkoa
- Stephan Guignard, CEO of the start-up VH93

15:00 How to decarbonize industry?

- Fabrice Lemoine, researcher, scientific manager of the Decarbonization of Industry PEPR
- Patrick Peters, CEO of the start-up Spark Cleantech
- Cyril Flores, President of the BORDET Groupe, partner of CarbioLab, an associated laboratory focusing on the production of highly technical activated carbon

Friday 16 June

10:30 Toward greater parity in deeptech

- Amanda Silva Brun, CNRS researcher, co-founder of the start-ups EVerZom and Evora Biosciences
- Sophie Jullian, President of Pulsalys, the SATT for Lyon & St Etienne
- A CNRS representative (to be confirmed)
- A representative from Premières, which supports women and mixed teams in creating and developing innovative companies.

13:00 Bio-based chemistry for industry

- Representative of research in green chemistry
- Claude Grison, CNRS researcher, winner of the 2022 European Inventor Award, co-founder of the start-ups Bio'inspir and Laboratoires Bioprotection, specialist in green chemistry

- Pierre Le Blainvaux, CEO of the start-up Bio'Inspir

15:00 Innovating in the health sector

- Magali Richard, CEO of the start-up One Biosciences
- Aritz ZAMACOLA, CEO of the start-up Resolve Stroke
- Jean-Guillaume LAFAY, CEO of the start-up Mablink Bioscience
- Lise Alter, Managing Director of the Health Innovation Agency

Welinq makes quantum computing possible

Who: Welinq was founded by Eleni Diamanti, a quantum cryptography at the CNRS, CEO Tom Darras, scientific advisor Julien Laurat, and commercial development director Jean Lautier-Gaud. The quantum memory technology was developed by the teams of Julien Laurat at the Kastler Brossel Laboratory (CNRS/Collège de France/École Normale Supérieure-PSL/Sorbonne Université) and Eleni Diamanti at LIP6 (CNRS/SU).

What: The solution developed by Welinq addresses the major challenge of scaling up quantum processors, which currently limits their computing capacity. Welinq is developing and bringing to market the world's most effective solution for connecting quantum computers to one another, thereby drastically increasing their computing capacity. The solution is based on quantum memories that synchronise the quantum signals emitted by various processors in order to make them function simultaneously. This technology will serve as the basis for a high-performance quantum memory platform that is integrated, transportable, and deployable in computing centres and communication networks. Targeted applications include sectors that use high-performance computing, ranging from pharmaceuticals and chemicals to energy, finance, aerospace, and defence.

Welinq has designed a system—a quantum memory—that synchronizes the operations of multiple quantum processors, with a view to increasing available computing power. The same technology can be used to create quantum repeaters, components that ensure the reliable transfer of information in long-distance networks. The start-up plans to deliver its first product in 2025.

WeLinq has demonstrated a record effectiveness of 90% in the laboratory for its quantum memories, which use a technology based on laser-cooled atoms to store and retrieve information. Multiple patents have been filed. The French Ministry of Higher Education and Research awarded the company the Grand Prize during the # 2022 i-Lab innovation competition. Welinq was among the winners of the 2023 Hello Tomorrow Global Challenge that included over 4,000 start-up projects. The company received support from the CNRS RISE programme[1] in 2022 and is supported by SATT Lutech.

Markets: The quantum computing market is experiencing strong growth. Targeted applications include sectors that use high-performance computing, ranging from pharmaceuticals and chemicals to energy, finance, aerospace, and defence.

Key figures for WeLinq:

- Date of creation: 25 January 2022

- Number of employees: 6

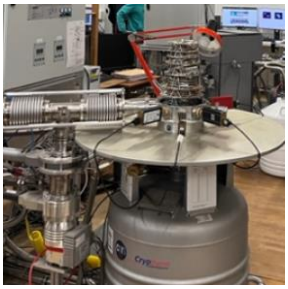
- Funding: National Quantum Plan with funds of 5 million euros, including subsidies from the French government, the European Commission, the Banque publique d'investissement, and the Ile-de-France region.

- Website: https://welinq.fr/

Note:

[1]Rise: The CNRS Rise programme, led by CNRS Innovation, provides support for deeptech start-up projects that use the technologies developed in the 1,000 laboratories of the CNRS, from the initial idea to its structuring, up through the creation of the start-up and initial funding phases.

Siquance is developing a universal quantum computer



Who: Siquance was founded in Grenoble by Tristan Meunier (CNRS Senior Researcher), Maud Vinet (CEA Researcher), and François Perruchot (COO), international experts in silicon technologies, quantum engineering, and strategic marketing. Siquance is backed by 15 years of research.

What: Siquance's technology uses the physical properties of silicon to produce quantum bits of excellent quality, as well as technological know-how in microelectronics to produce chips containing billions of transistors for everyday computers and smartphones. Combined, these two assets pave the way for universal quantum accelerators that, by 2030, will be faster and more precise than computers with very high computing power.

The primary technological breakthrough is based on converting a transistor—the base unit for classical computing—into a quantum bit, the base unit for quantum computing. The second breakthrough is to use integrated low temperature electronics to implement complex algorithms in qubits arrays which can be considered as pixels (like in memories or image sensors). Consequently Siquance has a path to perform quantum error correction and assemble a lot of qubits to solve many problems that remain inaccessible to classical computers today. This semiconductor-based technology is an very promising approach to industrialize the most quickly at scale.

Siquance is based on existing production capacity, especially French and European semiconductor factories. Siquance could eventually serve the broader computing market, including cloud service providers, shared computing centres, as well as clients on a direct basis.

Markets: Quantum computing has emerged as a revolution in high-performance computing. It can solve problems that currently remain insoluble by the largest supercomputers. It is intended for a variety of strategic and/or cutting-edge industrial sectors in energy, health, the environment, engineering, meteorology, finance, etc.

Key figures for Siquance:

- Date of creation: 29 November 2022

- Number of employees: 10

- Website: https://www.siquance.com/

Sensors and high-performance measuring instruments based on quantum technologies

© INGV

Who: Exail Systèmes Quantiques (formerly Muquans) emerged from research conducted at the Time-Space Reference Systems Laboratory (Syrte, CNRS/Observatoire de Paris-PSL/ /Sorbonne Université) and the Photonics, Numerical and Nanosciences Laboratory (CNRS/Institut d'Optique Graduate School/Université de Bordeaux). Muquans was founded in 2011, in association with CNRS researchers Arnaud Landragin and Philippe Bouyer.

What: Muquans, which became Exail Systèmes Quantiques, is a pioneering company in the field of quantum technologies. A transfer of know-how and the use of a CNRS-Observatoire de Paris-PSL patent helped it become the first company to bring to market an absolute quantum gravimeter for measuring the acceleration of gravity, with applications in the field of geophysics.

It has also developed expertise in ultra-high-performance time and frequency metrology, in collaboration with the Lasers Physics Laboratory (CNRS/Université Sorbonne Paris Nord) and the Syrte Laboratory.

In addition, it has brought to market one-of-a-kind technological solutions for transferring optical metrological references, as well as provided industrial project management for an equipment of excellence, with a view to establishing a national network for ultra-high-performance frequency transfer.

Finally, Exail has also developed unique expertise in laser technologies for the trapping, cooling, and quantum manipulation of atoms.

Markets: Exail offers solutions for geophysics, time and frequency metrology, and quantum technology.

Key figures for Exail:

- Date of creation: 2011 (creation of Muquans)

- Number of employees: 37

- Website: https://www.exail.com/

Cellulose packaging without plastic

Who: Frédéric Mercier, a CNRS Researcher at the Simap laboratory (CNRS/Université Grenoble Alpes), and Julien Bras, a Senior Lecturer at Grenoble INP in the Laboratory of Process Engineering for Biorefinery, Bio-based Materials, and Functional Printing (CNRS/UGA), are behind the creation of Cilkoa. Their idea was to unite their expertise in microelectronics and paper engineering processes.

What: The goal is to explore new avenues for manufacturing hybrid bio-based materials by combining expertise (in nanocellulose-based materials and ceramic materials), and then evaluating their functionalities. Cilkoa has developed a new process that involves depositing an ultra-thin layer (on the order of a nanometre) of alumina—a substance that is authorized for contact with food and that appears naturally in soil in the form of bauxite—especially on surfaces with very high aspect ratios (hollows and bumps).

With its patented technology, the company replaces the plastics that usually protect the inside of cellulose packaging with an alumina film chemically grafted onto the fibres. The innovation, which is in the pilot phase, provides barriers identical to those of polymer plastics, all while maintaining the recyclability and compostability of the paper and cardboard. This new packaging could also act as a barrier against gas and humidity, qualities generally provided by plastics.

Cilkoa's solution promises a percentage of cellulose approaching 100%, thereby contributing to the ecological transition of numerous industrial actors, and adapting to regulations such as the Anti-Waste and Circular Economy Law.

The start-up received support from SATT Linksium and CNRS Innovation's Rise programme.

Markets: The start-up is targeting the food packaging and cosmetics markets.

Key figures for Cilkoa:

- Date of creation: June 2022

- Number of employees: 7

- Website: https://www.cilkoa.com

Giving infinite life to waste with no end of life

Who: The start-up, founded by Karim and Raouf Medimagh, is a partner of the Polymer Materials Engineering Laboratory (CNRS/INSA Lyon). It is also part of a co-development partnership with the Laboratory of Automatic Control, Chemical and Pharmaceutical Engineering (CNRS/Université Lyon 1) and incubated by Pulsalys.

What: Recyc'Elit focuses on providing solutions in the field of recycling. The start-up has developed a process that can recycle all types of waste made of a plastic called PET,[1] as well as single or mixed polyester textiles.

The innovation can separate complex materials from one another to finally remanufacture a virgin recycled plastic, which can be used for textile field or any other different type of application on an infinite basis. The operating conditions—low-impact, low-temperature (< 60°C), and very rapid—provide energy savings of at least 50%. Its carbon footprint is very attractive, as the process would allow avoiding up to 95% of CO_2 emissions by recycling wastes that are traditionally buried or incinerated. Europe has committed to integrating 10 million tons of recycled plastic by 2025. This innovative approach to repurposing industrial by-products takes into account the joint commitment by governmental authorities and industrial actors to integrate mass market plastics.

The Recyc'Elit start-up, based in Chasse-sur-Rhône (Nord-Isère), was recently recognized as part of the Innovation Challenge held by Refashion (textile and household linen eco-organization).

Markets: This innovation is intended for the textile and plastic recycling market for food packaging, textile fibres, and technical materials.

Key figures for Recyc'Elit:

- Date of creation: 2019

- Number of employees: 7

- Website : www.recyc-elit.com

Note

[1] PET: PET (polyethylene terephthalate) represents 70% of textiles fibres produced globally, and today is a key raw material in the recycling industry.

Discovering new therapeutic targets and developing precision medicine

Who: The start-up was founded by its CEO Magali Richard and Céline Vallot, a CNRS biologist at the Dynamics of Genetic Information: Fundamental Bases and Cancer Laboratory (CNRS/Institut Curie/Sorbonne Université), winner of the 2022 CNRS Innovation Medal, as well as David Schilansky of Venture Builder Home Biosciences and Institut Curie.

What: One Biosciences aims to become a world leader in precision medicine for complex diseases. It combines "single-cell" technologies and artificial intelligence to discover and develop new therapeutic approaches for precision medicine. These single-cell sequencing technologies[1] allow access to gene expression information at the scale of an individual cell, providing an unprecedented trove of information for understanding the heterogeneity and dynamics of complex biological systems responsible for pathological mechanisms.

This innovation requires an extensive interdisciplinary effort involving molecular biology, robotics, data science, translational medicine, and drug development experience. The strength of One Biosciences partly resides in this multidisciplinarity, which resulted in the development of a series of protocols, tools, and algorithms provides the company with a major competitive edge by interpretating single-cell data of unprecedented quality to discover novel targets.

Today the start-up is working on ovarian cancer, ENT cancer, and rare kidney diseases lacking satisfactory therapeutic options. It collaborates with multiple hospital centers and biotechnology companies to develop programs seeking innovative therapeutic targets for those serious and complex pathologies with limited therapeutic options.

For what markets: One Biosciences is positioned in the research and development market for the pharmaceutical industry, with an initial focus on oncology.

Key figures for One Biosciences:

- Date of creation: 22 July 2020

- Number of employees: 10

- Funding: One Biosciences has received Bpifrance's Deep tech label certification, in addition to a BFTE grant and Deeptech Development Aid.

- Website: https://onebiosciences.fr

Note

[1] Single-cell sequencing: series of molecular biology techniques for analysing genetic information (DNA, RNA, epigenome, etc.). It enables the study of cellular differences with optimal resolution, thereby providing an understanding of a cell's distinctive features within its microenvironment.

Making high-definition medical imaging accessible, and revolutionizing care for millions of patients

© Resolve stroke

Who: Created in May 2022 by Olivier Couture, Aritz Zamacola, and Vincent Hingot, the new medical imaging technology Resolve Stroke is based on the scientific research of Olivier Couture, the start-up's scientific director. The innovation was developed within the Biomedical Imaging Laboratory (CNRS/Sorbonne Université/Inserm).

What: Resolve Stroke has conceived the first high-definition 3D digital ultrasound scanner. Its technology is the fruit of more than a decade of research in fundamental physics and ultrasound.

It can "image" macro and micro-vessels in 3D within a few minutes, doing so safely for the patient, all while allowing its use by numerous health professionals.

Improving the contrast and definition of ultrasounds notably allows for their use in neuroimaging.

The company enjoyed CNRS support via funding for the project's pre-maturation. Recognized in 2022 by the prestigious iLab prize, the invention is protected by a number of patents.

Markets: Resolve Stroke aims to initially target the neuroimaging market, in order to improve the treatment of patients who have experienced a cerebral vascular accident, for instance.

Key figures for Resolve Stroke:

- Date of creation: 2 May 2022

- Number of employees: 7

- Website: www.resolvestroke.com

Mablink Bioscience, powerful biomedicine for fighting cancer

Who: Co-founded by CEO Jean-Guillaume Lafay, Mablink Bioscience emerged from the Institute for Molecular and Supramolecular Chemistry and Biochemistry (CNRS/Université Claude Bernard Lyon 1) and the Cancer Research Centre of Lyon (CNRS/Université Claude Bernard Lyon 1/Centre Léon Bérard/Inserm).

What:

The biotechnology start-up based in Lyon is contributing to the fight against cancer thanks to an innovative technology that makes Antibody-Drug Conjugates (ADCs)—anticancer medicine that targets cancerous cells without affecting healthy ones—"stealthy," and hence more effective and better tolerated.

Mablink Bioscience's innovation involves hiding ADCs with the polymer polysarcosine, thereby allowing them to reach more cancerous cells and destroy them. Thanks to the stability of the linker that holds the payload intended to destroy cancerous cells, the impact on healthy cells is greatly reduced, making the treatment less toxic and more tolerable for patients.

The platform developed by the company, which is replicable on a large number of molecules, will accelerate the emergence of new therapeutic solutions for cancer—solid tumours in particular—as well as their translation to a clinical setting, in an effort to improve the treatments provided to patients.

The objective is to accelerate the identification of new medicines and to create a pipeline that will propose new drug candidates for evaluation on humans every 12-18 months.

The start-up benefited from a maturation programme of Pulsalys, the TTO of Lyon-Saint Etienne.

Markets: Today the majority of ADCs are developed for the treatment of cancers, with twelve of them having already been approved. Other applications are being studied to treat inflammatory diseases or for the targeted release of antibiotic molecules.

Key figure for Mablink Bioscience:

- Date of creation: December 2018

- Number of employees: 24

- Website: https://www.mablink.com/

Hydrogen that decarbonizes

© Incubateur 21st, CNRS RISE

Who: Founded by Erwan Pannier and Patrick Peters, Spark Cleantech emerged from the CNRS's Macroscopic Molecular Energy and Combustion Laboratory.

What: Spark Cleantech aims to accelerate the decarbonization of industry through the production of hydrogen directly on site, with zero CO_2 emissions and very little electricity.

Spark Cleantech is developing a decarbonized hydrogen production process that uses 5 times less electricity than electrolysis (process of exchange in which electrical energy is transformed into chemical energy). The process can produce hydrogen economically, even for small capacities such as future hydrogen filling stations, and responds to industrial usage needs directly at the site of consumption, thereby avoiding constraints linked to the transport and storage of hydrogen.

Spark Cleantech uses a patented process for nanopulsed cold plasma—electrical arcs whose temperature is controlled—in order to extract the hydrogen in methane and produce carbon in solid and reusable form: the hydrogen produced is therefore free of CO_2 emissions, including when the methane comes from the network (fossil gas), and becomes carbon negative if the methane is of biological origin.

The start-up received support from the CNRS's Rise programme.

Markets: Demand for hydrogen in French industry is growing, with a 40% increase in consumption in 2021. Spark Cleantech offers an alternative for current consumers of carbon-based hydrogen as well as for future needs—industrial carbonization in particular—by avoiding transport, which represents up to 70% of production costs.

Key figures for Spark Cleantech:

- Date of creation: 29 December 2021

- Number of employees: 7

- Funding: Spark Cleantech won the Grand Prize for Innovation during the 2022 i-Lab competition.

- Website: https://spark-cleantech.eu

Producing energy from waves and watercourses

Hydro rivière lumière
© VH 93

Who: Stéphan Guignard, the founder of the company, has created wave and tidal turbines, which are capable of extracting energy from rivers, tides, and waves. To achieve this, he utilized the resources of the University Institute of Industrial Thermal Systems (CNRS/Aix-Marseille University) and the Institute of Research on Non-Equilibrium Phenomena (CNRS/AMU/Centrale Marseille).

What: VH Quatrevingtreize's turbines are designed to convert the energy from water movements into electricity using patented technology and a 100% recyclable biosourced material, enabling safe and predictable energy production. The Savonius rotor is a type of rotor conceived in 1924. The innovation lies in the use of a rotor with flexible blades. Its lifecycle is environmentally friendly.

The turbine operates in harmony with the aquatic environment due to the rotor's flexible, rounded, and slow nature. The reversibility of this rotor makes it usable and efficient in specific environments, such as waves.

While being recyclable, it can be easily and custom-made manufactured, thanks in particular to 3D printing.

Quatrevingtreize has been supported by several entities, such as the Impulse incubator, SATT Sud Est, the cleantech nursery of the Arbois technopark, and Greentech Innovation.

Target Markets: The startup fits into the marine energy market, primarily targeting energy companies and those seeking freshwater through this energy source. It can also be of interest to individuals, farmers, and small communities.

VH Quatrevingtreize, in a nutshell:

- **Year of establishment: 2017**
- **Company size: 4 employees**
- **Website:** https://www.vhquatrevingtreize.com/

CNRS Innovation is the national technology transfer subsidiary of the French National Centre for Scientific Research (CNRS). CNRS Innovation's primary objective is to implement the technology transfer strategy for the research conducted in the CNRS's 1,100 research units. Its key missions include identifying inventions with promising transfer potential, evaluating opportunities, and implementing an intellectual property strategy for technology transfer to the business world via licences to existing companies or support for the incorporation of spin-offs.

Since 2019, the CNRS has tasked CNRS Innovation with building and deploying RISE, an entrepreneurship support programme for project leaders seeking to transfer the results obtained in a CNRS laboratory. Positioned upstream from the entrepreneurship support continuum, RISE helps projects to position their technology within a market, thereby enabling the establishment of a viable business structure; to develop the skills of researchers in all facets of entrepreneurship; to structure the co-founding team; to support the formalisation of the business plan; and to accompany initial dilutive and non-dilutive fundraising. Since its launch, RISE has supported nearly 100 projects for potential companies, 41 of which were created.

CNRS Innovation manages the pre-maturation programme for the CNRS. With an annual budget of 10 million euros, the programme identifies and supports the most innovative research projects. Setting out from the basic principle of an innovative idea, the goal is to develop the technology's concept or application, to provide its experimental demonstration in order to validate the proof of concept, to optimise a technology for a targeted application, and to establish the intellectual property strategy. Finally, CNRS Innovation has supported 16 ERC POC grant recipients based on the definition of their product/market fit.

[1] ERC POC: The "Proof of concept" call is for scientists who have already been awarded an ERC grant (Starting, Consolidator, Advanced or Synergy) within the previous year, and who are seeking to transfer the results of their research, to develop their innovation potential, or to become more involved in a market.

SATT Network

- The SATT Network brings together 13 Technology Transfer Acceleration Companies (SATT) in France. Committed to addressing environmental, economic, and social challenges through scientific innovations derived from public research, SATTs provide "de-risked" technological solutions with high potential to enhance competitiveness and support necessary transformations in the face of major current issues.

- With over 750 startups created, SATTs are the leading players in France's Deeptech Plan. They are in daily contact with over 150,000 researchers and offer privileged access to innovations from public laboratories. With their national network, they are strategic partners for companies seeking innovative solutions.

The SATT Network at Viva Technology

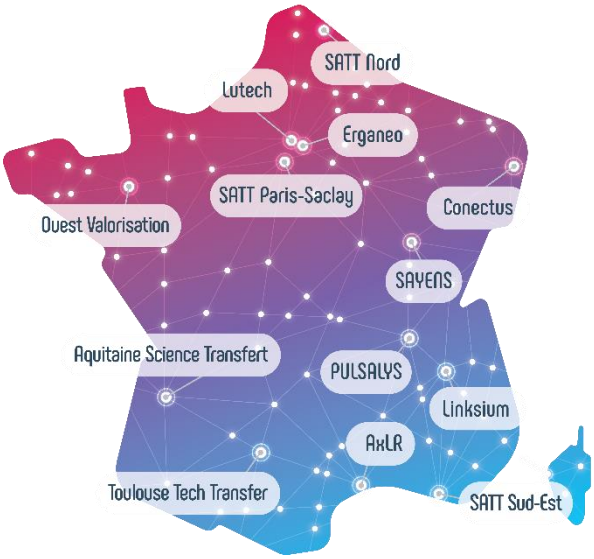
- Join the SATT Network at the CNRS booth alongside 7 startups supported by SATTs, who will share their experiences and present their solutions. The Network itself will showcase its researcher support program and its offerings for companies and investors.

  The SATT Network offers the opportunity for 9 additional startups to pitch in front of a jury composed of experts and potential investors. Each startup will have 2 minutes to present their innovation, and a winner will be rewarded. These startups are at the forefront of social and environmental transition, contributing to the creation of a sustainable economy to address tomorrow's challenges.

Join us on June 14th at 4:40 PM at the Pitch Studio of Viva Technology.

www.satt.fr

RÉSEAU SATT



This year, more than fifty companies originating from or affiliated with CNRS laboratories and its partners

ABBEYE - www.abeye.tech

ACKLIO - http://ackl.io/

Actronika - https://www.actronika.com/

Acusurgical - https://acusurgical.com/fr/accueil/

Agriflux - https://www.agriflux.fr/

Alsymo https://satt-paris-saclay.fr

AMK Biotech - https://www.amkbiotech.fr/

ANTSWAY - https://antsway.com/

ATOPTIMA - https://www.atoptima.com/

AURESSENS - https://auressens.com/

Banket - https://banket.fr/

BEEMETRIX - www.beemetrix.com

BEFC - https://www.befc.global/

Beams - http://beams.bio/

Clhynn - https://clhynn.com/

Diamidex - https://diamidex.com/

DIAM CONCEPT - https://diamconcept.eu/fr/

Dionymer - https://www.dionymer.com/

EMOFACE - https://www.emoface.fr/

ENTROVIEW - https://entroview.com/

Genomines - https://www.genomines.com/

GRAPHEAL - https://fr.grapheal.com/

H2SYS - https://h2sys.fr/

Hap2U - Haptic Technology Everywhere For a World of Tactile - https://www.hap2u.net/

HYSILABS - http://www.hysilabs.com/

Icon Photonics - https://icon-photonics.com/

Kimialys - https://www.kimialys.com

LEARNING ROBOTS - https://learningrobots.ai/

LICHENS - https://www.lichens.io/

Lify Air - https://www.lifyair.com/lify-air/

MEERSENS - https://meersens.com/

NAIO-TECHNOLOGIES - http://www.naio-technologies.com/

Nimble One - https://nimbleone.io/

Owkin - https://owkin.com/

Planexus - N/A

PLEYO - https://www.ready2pleyo.com/

Q-Fluidics - http://www.qfluidics.com/

QUANTIA - https://www.quantia.fr/

RUNBLIND - https://www.runblind.fr

SAFEHEAR - https://www.safehear.fr/

SEREEMA - http://www.sereema.com

Skyted - https://skyted.io/

Sonup - https://www.sonup.fr/

Sweetch Energy - https://www.sweetch.energy/

Vibiscus - https://www.vibiscus.com/

VITADX INTERNATIONAL - http://fr.vitadx.com/

WAVELY - http://wavely.fr/

zto.technology (ZERO TO ONE TECHNOLOGY) - www.zto-technology.com