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news

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Editorial

The results are in, and business is booming at TEMIS. The technology park is a hive of entrepreneurship and innovation. This dynamic environment is driven by our ongoing investment in complementary resources and facilities.

TEMIS Innovation - House of Micro-Technologies represents the ideal environment from which innovative businesses can emerge. The incubator and business centre are housed in the same building, providing young entrepreneurs with comprehensive support from initial idea to business development.

We have also introduced mixed economy facilities, offering tailored rental solutions. Bioparc 1 and the Usitech and Microtech programmes are perfect illustrations of this commitment, and all three are now full.

By offering an environment that favours private investment, we are attracting new businesses. VibraSens has recently moved onto the site, following Cryla a few months ago.

In addition to this dynamic environment, both we and our public-sector partners offer wide-ranging support for major research facilities, helping SMEs to develop innovative new solutions and enabling them to become ever more competitive. Year on year, TEMIS continues to establish its reputation as the site of choice for innovative entrepreneurs.

And if proof were needed, no fewer than five Temis start-ups received prizes in France's national innovative start-up competition. We would like to congratulate this new generation of entrepreneurs for dedicating their talent to driving innovation and wealth creation in our region.

Jean-Louis FOUSSERET,
Mayor of Besançon
President of Temis and Grand Besançon



TEMIS

a dynamic
technology park



New site for
VIBRASENS



TEMIS Sciences:
work in progress

TEMIS, a dynamic technology park

TEMIS, Grand Besançon's multi-site technology park, is **certified by the International Association of Science Parks and RETIS** as the leading site in France for micro-technology and nanotechnology-driven growth.



TEMIS MICRO-TECHNOLOGIES



TEMIS Sciences: opening late 2014

TEMIS Sciences will be the largest public research facility in the Franche-Comté region, hosting 260 of the FEMTO-ST Institute's personnel in Besançon.

A flagship project: total investment in the operation stands at around €53 million. The project has received strong European Union support, with €15.6 million from the FEDER fund.



3 innovative businesses in Microtech

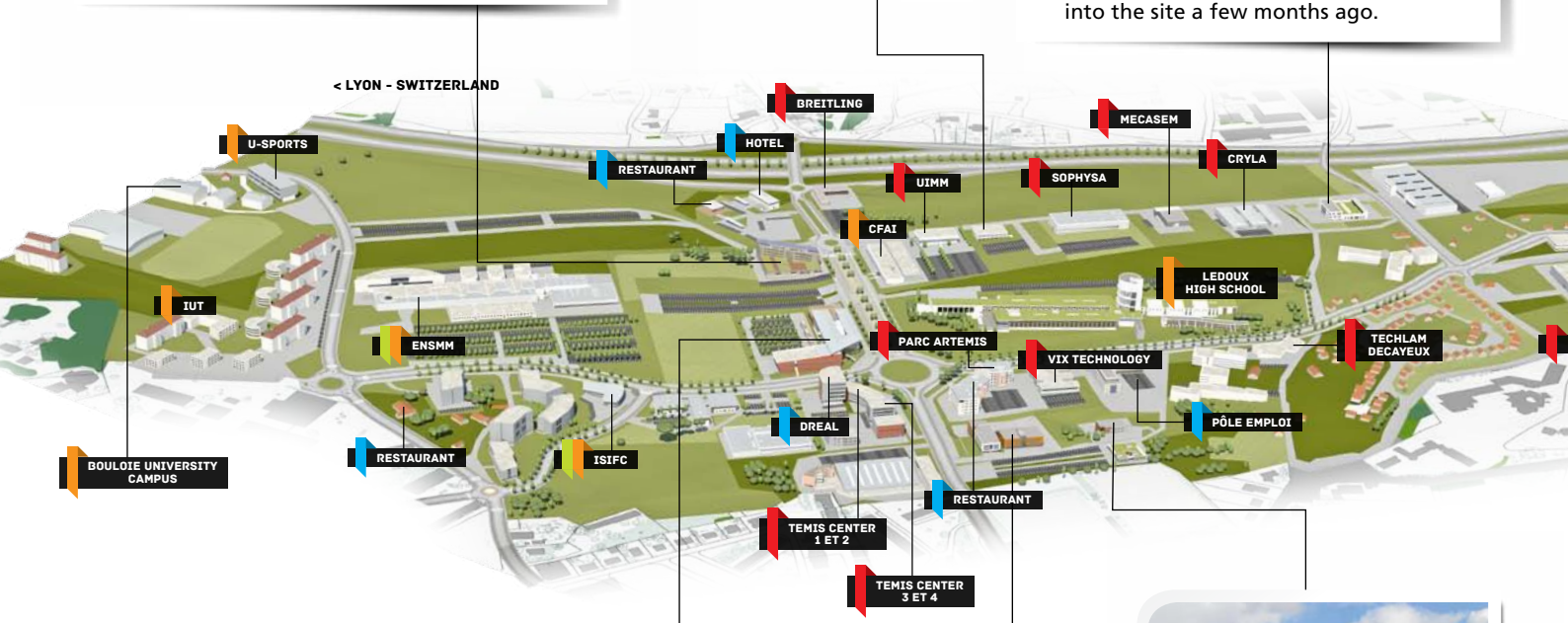
ERDIL, a customer relations company that works with major corporations, has set up its head office at Microtech, joining the site's two other companies: ultrasound probe manufacturer **SONAXIS** and software developer **AJ SOLUTIONS**.



Usitech: a high-tech facility and a prestigious signature

Usitech, which opened in 2013, provides 2,000 sq. m of dedicated high-tech space.

- **SILMACH**, which has just been awarded the "Ingénieur Général Chanson" award for its ChronoMEMS technology by the French DGA (Defence Procurement Directorate) at Eurosatory, moved into its premises at the site in early 2014.
- **Manufacture Cartier Lunettes** also moved into the site a few months ago.



FOCUS ON TEMIS INNOVATION - MAISON DES MICROTECHNIQUES

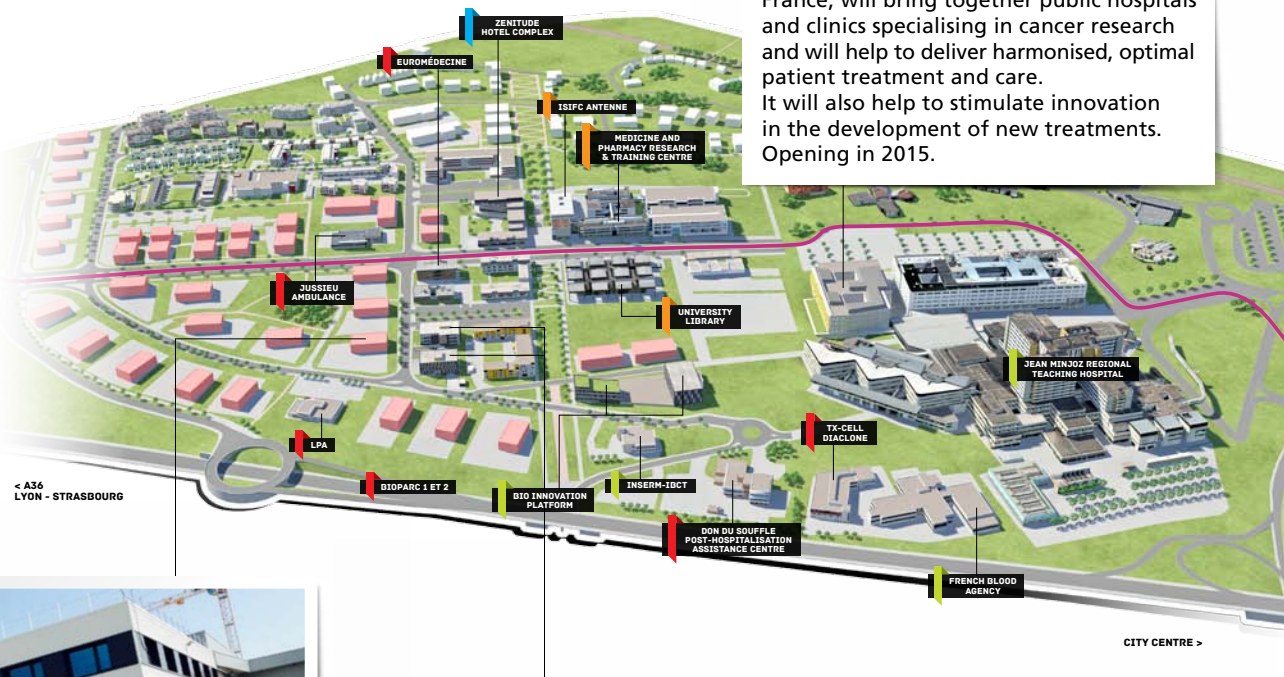
- At present, there are 21 businesses companies in the incubator or business centre. Since 2005, TEMIS Innovation - Maison des microtechniques has helped to create 200 net jobs.
- In terms of technology resources, the new clean room in the extension to the House of Micro-Technologies has been up and running for six months. The site now boasts more than 850 sq. m of controlled-environment rooms for researchers and manufacturers operating in the micro- and nano-production sector.



NOVATECH: 1,500 of the 5,200 sq. m of office space is still available.



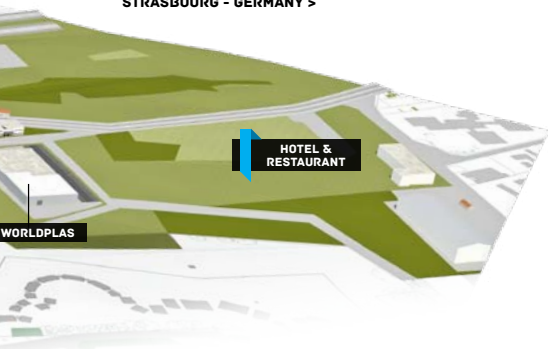
Vibration sensor specialist **VIBRASENS** will officially open its new site in September. Certified "passive" building, 150 sq. m available.



A new building for France Chirurgie Instrumentation

France Chirurgie Instrumentation is a subsidiary of German optics and optoelectronics group Carl Zeiss Meditec. The company is moving into a new 1,565 sq. m building at Temis Santé. The move will take place over the summer.

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STRASBOURG - GERMANY ➔



BIOPARC: a growing family

BIOPARC 1, the first building designed exclusively for biomedical businesses and equipped specifically to house clean rooms and laboratories, **is now full**.

Several companies moved into the site a year ago: **COVALIA** (telemedicine specialist), **ALCIS** (medical device designer), **FLOWDIT** (systems and engineering), **SCREENCELL** (genetic disease and tumour cell research specialist) and Skin Exigence (dermo-cosmetic product testing specialist). In spring this year, they were joined by **STEMCIS** (cosmetic surgery instrumentation specialist) and **SMALTIS** (microbiology service provider).

BIOPARC 2 will be completed in late 2014, offering an additional **1,600 sq. m** of space for biomedical businesses. One of the three 530 sq. m units has now been reserved for cytopathology activities. The remaining two units are still available.

The Bioparc are special eco-designed facilities that are officially recognised as low-consumption buildings. They are designed to limit atmospheric temperature range and to meet the specific requirements of biomedical businesses.

Ongoing projects at TEMIS Micro-technologies

- **TRIGONE**, 2,000 sq. m to buy or to let, for service-sector businesses connected with the technology park's core activities (development currently being marketed by Vector).
- Initial planning work is underway for **MICROTECH 2**, a new 2,500 sq. m building for cutting edge technologies and businesses.
- Also in the pipeline: **The Business Village**, which will feature space solutions from 300 to 500 sq. m for small manufacturing companies. It will be located on Rye Syamour, behind Worldplas (operator consultation in progress).
- An **800 sq. m manufacturing building**, divisible into smaller units, will be built by Sodithis. This development will complement the ongoing renovation work on the small units and commercial premises along Rue de Vesoul.



PART OF THE TEMIS FAMILY and winners of the 16th French national innovative start-up competition



Cédric MULLER and Sophie GUÉNARD

SMALTIS: national winners in the "Start-up - Growth" category

Having been announced winners in the "Emerging" category of the French Ministry for Higher Education and Research's national innovative start-up competition in 2013, **Sophie GUÉNARD** and **Cédric MULLER**'s young company, Smaltis, received this year's award in the "Start-up - Growth" category, for their bacteriological decortication process. The company offers a range of bacteriology and molecular biology services to public and private laboratories

and has launched a new R&D programme entitled "Bactérie Verte" (Green Bacterium). "We chose this bacterium because of its specific properties and its potential for new, innovative solutions," explains Cédric MULLER. "Our aim is to develop a new biological system that acts like a sort of Swiss Army knife, where you can add new functions on an "à la carte" basis. This new system offers a vast array of potential applications, including synthesising useful components (drugs, biofuels) or breaking down toxic products and pollutants." Both young entrepreneurs from Besançon agree that "In the long term, the company will focus on plant fibres, prioritising our bacteriological decortication process on "Green Bacterium" to extract bast fibres in a targeted, non-aggressive way."

NosoCure project by Mathieu CYNOBER, regional winner in the "Emerging" category

Mathieu CYNOBER, a partner at Tech-2Market, has been working alongside practitioners, laboratories, businesses and public organisations for the last five years, handling marketing and innovative healthcare technology issues.

His NosoCure project focuses on the prevention and treatment of operating theatre infection risks.

Interview. "The start-up process follows on from the Screen'Air project, which received the MEDTEC France Innovation Award in 2013. The aim of the project is to develop an innovative, real-time airborne contamination monitoring system for operating theatres. This system is partly based on research work conducted by the University of Franche-Comté and the CHRU Besançon teaching hospital. The project was driven by Daniel Talon, the former head of the hospital hygiene department, and a patent was registered. We now



Mathieu CYNOBER

need to work on developing a more mature technology and business model prior to industrial roll-out. We therefore decided to launch a start-up process to finalise the industrial project and begin marketing this system, which has already secured interest from several hospitals. Even in sterile operating environments, some 1,800 patients

contract airborne infections every day, particularly in orthopaedics. This is why this system is so important.

The NosoCure project is now housed in the Franche-Comté Innovative Start-up Incubator at Temis, and we hope to be able to finalise the research work and begin manufacturing this innovative system in 2015.

We are working alongside teams from the University of Franche-Comté and the CHRU Besançon teaching hospital, as well as other academic, clinical and industrial partners both within and beyond the region."

REGIONAL WINNERS in the "Emerging" category

- Luc Herrman for the **Ténébrion Meunier** project, which involves the production and distribution of a semi-autonomous insect breeding kit
- Jorin Perquy, Kame Djidi and Fabrice Marguerite for the **@ssisteo** project, a virtual sculpture interface
- Nicolas Rauber for **Miravas**, an innovative treatment project for varicose veins.

Prolipsia develops a new software program

Innovative start-up Prolipsia develops software solutions that enable users to draft high-quality, legible, understandable and exploitable technical documents, in-house and fully independently. The company has developed a new text analysis product: the Prolipsia **CAPITO** text correction software automatically detects potential barriers to information transmission, indicates areas for improvement and provides explanations and advice on making the necessary corrections. It also teaches users how to avoid ambiguity and drafting errors in future documentation.

For more information, go to: www.prolipsia.com/capito

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World first at MICRONORA 23 to 26 september 2014

This year's European micro-technology trade fair will feature more than 600 exhibitors, in addition to representation from 300 companies and brands. This year, Micronora will focus on micromechanics and will include a world first: a comprehensive, fully operational production line consisting solely of micro-machines, developed by Japanese consortium Desktop Factory (DTF), based in Suwa.

For more information, go to: www.micronora.com



Innovations Days, a key event for the medtech, biotech and pharma sectors

6 and 7 October 2014
Cité Internationale Universitaire de Paris

A two-day conference and networking event that focuses on promoting Innovation in Life Sciences. The event will be attended by stakeholders from across the biotechnology value chain, including entrepreneurs, start-ups, academic researchers, pharma, investors, incubators, clusters, public innovation support bodies and opinion-leaders.

The event will include:

- a series of original speeches,
- a business convention with targeted appointments made via the "Open Innovation Management" online platform,
- an Innovation Gallery in the exhibition hall,
- the 6th Innovation Prize award ceremony.

Enjoy a special Temis discount of 20% for both days using code **WF22A66M** - valid until 31 July.

For more information, go to: <http://www.lifescience-outlook.com/partnering/web/register/>



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