



LETI AND SOITEC LAUNCH A NEW SUBSTRATE INNOVATION CENTER TO DEVELOP ENGINEERED SUBSTRATE SOLUTIONS

Industry-inclusive hub promotes early collaboration and learning from substrate to system level

SAN FRANCISCO and GRENOBLE, France – July 10, 2018 – Leti, a research institute of CEA Tech, and Soitec, a world leader in designing and manufacturing innovative semiconductor materials, today announced a new collaboration and five-year partnership agreement to drive the R&D of advanced engineered substrates, including SOI and beyond. This agreement brings the traditional Leti-Soitec partnership to a whole new dimension and includes the launch of a world-class prototyping hub associating equipment partners to pioneer with new materials. The Substrate Innovation Center will feature access to shared Leti-Soitec expertise around a focused pilot line. Key benefits for partners include access to early exploratory sampling and prototyping, collaborative analysis, and early learning at the substrate level, eventually leading to streamlined product viability and roadmap planning at the system level.



Leading chip makers and foundries worldwide use Soitec products to manufacture chips for consumer applications targeting performance, connectivity, and efficiency with extremely low energy consumption. Applications include smart phones, data centers, automotive, imagers, and medical and industrial equipment, but this list is always growing, along with the need for flexibility to explore new applications starting at the substrate level. At the Substrate Innovation Center, located on Leti's campus, Leti and Soitec engineers will explore and develop innovative substrate features, expanding to new fields and applications with a special focus on 4G/5G connectivity, artificial intelligence, sensors and display, automotive, photonics, and edge computing.

"Material innovation and substrate engineering make entire new horizons possible. The Substrate Innovation Center will unleash the power of substrate R&D collaboration beyond the typical product road maps, beyond the typical constraints," said Paul Boudre, Soitec CEO. "The Substrate Innovation Center is a one-of-a-kind opportunity open to all industry partners within the semiconductor value chain."

Whereas a typical manufacturing facility has limited flexibility to try new solutions and cannot afford to take risks with prototyping, the mission of the Substrate Innovation Center is to become the world's preferred hub for evaluating and designing engineered substrate solutions to address the future needs of the industry, inclusive of all the key players, from compound suppliers to product designers. Using state of the art, quality-controlled clean room facilities, and the latest industry-grade equipment and materials, Leti and Soitec engineers will conduct testing and evaluation at all levels of advanced substrate R&D.

"Leti and Soitec's collaboration on SOI and differentiated materials, which extends back to Soitec's launch in 1992, has produced innovative technologies that are vital to a wide range of consumer and industrial products and components," said Emmanuel Sabonnadière, Leti CEO. "This new common hub at Leti's campus marks the next step in this ongoing partnership. By jointly working with foundries, fabless, and system companies, we provide our partners with a strong edge for their future products."

About Leti

Leti, a technology research institute at CEA Tech, is a global leader in miniaturization technologies enabling smart, energy-efficient and secure solutions for industry. Founded in 1967, Leti pioneers micro- & nanotechnologies, tailoring differentiating applicative solutions for global companies, SMEs and startups. Leti tackles critical challenges in healthcare, energy and digital migration. From sensors to data processing and computing solutions, Leti's multidisciplinary teams deliver solid expertise, leveraging world-class pre-industrialization facilities. With a staff of more than 1,900, a portfolio of 2,700 patents, 91,500 sq. ft. of cleanroom space and a clear IP policy, the institute is based in Grenoble, France, and has offices in Silicon Valley and Tokyo. Leti has launched 60 startups and is a member of the Carnot Institutes network. Follow us on www.leti-cea.com and @CEA_Leti.

CEA Tech is the technology research branch of the French Alternative Energies and Atomic Energy Commission (CEA), a key player in innovative R&D, defence & security, nuclear energy, technological research for industry and fundamental science, identified by Thomson Reuters as the second most innovative research organization in the world. CEA Tech leverages a unique innovation-driven culture and unrivalled expertise to develop and disseminate new technologies for industry, helping to create high-end products and provide a competitive edge.

About Soitec

Soitec (Euronext, Tech 40 Paris) is a world leader in designing and manufacturing innovative semiconductor materials. The company uses its unique technologies and semiconductor expertise to serve the electronics market. With more than 3,000 patents worldwide, Soitec's strategy is based on disruptive innovation to answer its customers' needs for high performance, energy efficiency and cost competitiveness. Soitec has manufacturing facilities, R&D centers and offices in Europe, the U.S. and Asia. **For more information, please visit www.soitec.com and follow us on Twitter: @Soitec_EN**

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