

*For immediate release*

## Technic Leads France's Project Clean

**Saint Denis, France** – As Europe continues to reinforce its position in the microelectronics sector, strategic efforts are being made to enhance regional production capacity, while also ensuring that growth aligns with long-term sustainability goals.

In this context, CEA-Leti and Technic France founded **Project CLEAN**, a consortium that brings together **public research** and a **key end-user partner**, focusing on driving innovation towards a virtuous transition in the semiconductor industry and its value chains.

The goal of Project CLEAN is aligned with efforts to reduce the environmental impact of the microelectronics industry, through the **development of new chemical formulations** that:

- Are as effective as the existing ones
- Utilize sustainable and reliable raw materials
- Comply with the strictest health and safety regulations
- Have a minimal impact on the environment throughout their lifecycle
- Are more energy-efficient

For over 80 years, Technic has been a leader in developing, producing, and distributing the most advanced solutions for resin dissolution, post-etch residue cleaning, and selective metal etching. Technic's research for Project CLEAN focuses on formulating new high-performance wet processes in full compliance with current European HSE, CSR, and chemical sustainability regulations.

After extensive research and reformulation over the first year, the lab-developed formulations showed very positive characteristics. During the second year, tests on CEA-Leti's pilot line also revealed promising prospects, as two prototype chemistries were pre-evaluated on industrial equipment using wafers produced by an industrial partner.

In 2025 the project has entered its third and final phase, where the chemistries will be tested for large-scale qualification in an actual production environment.

Project CLEAN's consortium of a chemical formulator, a research organization, and an industrial player, shows how long-standing chemistries can be reimaged to satisfy both current and future performance, as well as evolving sustainability requirements.

### About Technic

For over 80 years, Technic has been a global supplier of specialty chemicals, custom finishing equipment, engineered powders, and analytical control systems to the semiconductor, electronic component, printed circuit board, industrial finishing, and decorative industries.

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