



Press release Smoltek Nanotech Holding AB (publ)

2026-10-20

*This press release is an English version of the previously published Swedish version, which has interpretive precedence.*

## **Smoltek strengthens semiconductor commercialization with former YAGEO CTO Philip Lessner**

**Smoltek Nanotech Holding AB (publ) has engaged Dr. Philip Lessner, former Executive Vice President and Chief Technology Officer of YAGEO Group, as Senior Advisor to the Board, Management and Technical Team. The engagement focuses on Smoltek Semi and strengthens the company's industrial expertise as it advances its ultra-thin capacitor technology towards customer applications and commercialization.**

“Dr. Lessner combines deep knowledge of capacitor technology with practical experience of turning customer requirements into products and transferring technology into manufacturing. His contribution will help us sharpen our product priorities and strengthen the basis for customer adoption and industrial partnerships”, says Oskar Säfström, Interim CEO of Smoltek.

Dr. Lessner is already familiar with Smoltek's carbon nanofiber metal-insulator-metal (CNF-MIM) technology through the earlier collaboration between Smoltek and YAGEO. He will now provide advice in his own capacity, rather than as a representative of YAGEO. His priorities will include product strategy, customer requirements, qualification considerations and industrialization. He will also support the assessment of opportunities for industrial partnerships.

“I have followed Smoltek's CNF-MIM technology for several years and look forward to continuing the collaboration. My focus will be on helping the team connect the technology's capabilities with customer requirements, product qualification and manufacturing considerations as it progresses towards commercial applications” said Dr. Lessner.

### **About Dr. Lessner**

Dr. Lessner holds a PhD in Chemical Engineering from the University of California, Berkeley. He has more than three decades of experience in electronic components and advanced materials. During his 28 years at KEMET Electronics, which was acquired by YAGEO Group in 2020, he held positions including Chief Technology Officer and Chief Scientist. His experience spans capacitor and materials development, technical marketing, technology transfer and the introduction of manufacturing processes.

**About Smoltek Semi**

Smoltek Semi develops ultra-thin capacitors based on its proprietary CNF-MIM technology. The technology is designed to enable compact capacitors that can be integrated close to semiconductor chips, supporting stable power delivery in advanced electronics. Smoltek Semi's CNF-MIM Gen-One is the first technology platform. It can support multiple product variants with specifications tailored to different applications and customer requirements. Product development, packaging and qualification are being pursued alongside dialogue with potential industrial and licensing partners.

**For further information**

Oskar Säfström, Interim CEO

Smoltek Nanotech Holding AB

Email: [oskar.safstrom@smoltek.com](mailto:oskar.safstrom@smoltek.com)

Phone: +46 31 701 03 05

Website: [www.smoltek.com/investors](http://www.smoltek.com/investors)

Smoltek Nanotech Holding is a public technology company that provides a technology that enables the production of conductive nanostructures on various materials. The company's technology multiplies the actual surface area for electrical and chemical processes and can be used in several industrial sectors. Customers are found in semiconductors and the global process industry. The products that the company develops are used as infrastructure components for stable power supply to microchips as well as electrodes and coating of surface structures in applications for the production and use of fossil-free hydrogen. The company protects its carbon nanotechnology through an extensive patent portfolio. Smoltek's share is listed on the Spotlight Stock Market under the ticker symbol SMOL. Smoltek is a development company and forward-looking statements regarding time to market, production volume and price levels should be interpreted as forecasts and not commitments.