



Press release Smoltek Nanotech Holding AB (publ)

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

## **Smoltek Marks 20 Years of Nanotechnology Innovation and Looks Ahead to an Era of Scalable Applications**

**Smoltek Nanotech Holding AB (publ) (“Smoltek” or “the Company”), a pioneer in vertically aligned nanostructure technology, is celebrating its 20-year anniversary. Since its founding in December 2005, the company has evolved from a research-driven start-up into offering disruptive technologies to global corporations in the semiconductor, electrolysis, and fuel-cell sectors. Now leaving its teens, Smoltek is accelerating the commercialization of its groundbreaking nanotechnology platform and enable large-scale industrial applications.**

Over the past two decades, Smoltek has built a strong foundation through scientific breakthroughs, strategic partnerships, and a globally recognized patent portfolio. From its earliest discoveries in carbon nanostructure growth to recent application-specific innovations, the company’s IP has played a central role in shaping its technological roadmap.

“Reaching the 20-year mark is both a milestone and a starting point. Over the past two decades, the company has pioneered the fundamentals—solving some of the most challenging problems – in materials science and building a broad and robust patent portfolio. Now, the focus is shifting to scaling, productizing, and bringing our disruptive nanotechnology into high-volume industries,” says Magnus Andersson, CEO of Smoltek.

In recent years, Smoltek has sharpened its focus on solutions that address critical challenges in advanced packaging, energy storage, and hydrogen production. By enabling ultra-thin, high-performance components through 3D nanostructures, Smoltek’s platform opens the door to applications previously considered impossible with conventional methods.

“Looking ahead, we see enormous potential in applying our nanotechnology to real-world problems. Everything we have learned—from the earliest experiments to today’s industrial collaborations—has prepared us for this moment. We are entering a phase where technology, market need, and capability align,” says Dr. Shafiq Kabir, founder and VP Volume Processes at Smoltek Hydrogen.

To support this future-focused strategy, Smoltek has adjusted its intellectual property portfolio. The company is consolidating earlier, broad foundational patents and prioritizing application-driven filings that directly support commercial opportunities. This approach ensures a strong, relevant, and cost-effective IP base that will protect innovations as Smoltek expands into new markets.

Smoltek is convinced that the scientific, strategic and commercial foundation built over the past two decades creates good conditions for long-term, sustainable growth.

"Advanced materials are all around us and are key to technology advancement. Nanotechnology plays an increasingly central role in this transition. With a strong team and a well-defined IP portfolio, Smoltek is now entering the next phase: commercialization and scale-up," concludes Magnus Andersson.

**For further information**

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Smoltek Nanotech Holding is a deeptech company that provides a technology that enables the production of conductive nanostructures on various materials. The company's nanostructure manufacturing technology can be used in several industrial sectors. Customers are found in the global process industry and semiconductors. The products that the company develops are used in equipment to produce fossil-free hydrogen and in semiconductors to further miniaturize microchips. The company protects its unique carbon nanotechnology through an extensive patent portfolio. Smoltek's share is listed on the Spotlight Stock Market under the ticker 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.