

# PIONEERING CARBON NANOTECHNOLOGY

## Smoltek newsletter, December 2019

Ho! Ho! Ho!

We are closing in on the last days of 2019. It has been an incredible busy year and we have accomplished a lot and moved our positions closer to a first licensing agreement.

### EDAPS conference in Taiwan

December 16-18 we attended the EDAPS conference in Kaohsiung, Taiwan. On site our CTO was chair for one session and he also presented our latest achievements for discrete capacitor technology based on the CNF-MIM concept.

Summary from EDAPS 2019.

[https://id554b77-3d34-4433-bfdf-2b4ccte6973a.filesusr.com/ugd/e4e89e\\_36ea3cc5778a40cf9e1525f33102e24f.pdf](https://id554b77-3d34-4433-bfdf-2b4ccte6973a.filesusr.com/ugd/e4e89e_36ea3cc5778a40cf9e1525f33102e24f.pdf)

### Market update

Development and refinement of the CNF-MIM capacitor concept has been the main R&D focus the entire year. We knew that we could build high-performance capacitors with the smallest form factor in the world. We also knew that we could make them with a profile height so low that probably no one in the semiconductor actually could handle them. However, in the third quarter we got confirmation that for future architectures capacitors in the range of 20  $\mu\text{m}$  or lower would actually be useful.

This is a perfect fit for our concept – and the industry is aware of that!

### IP development

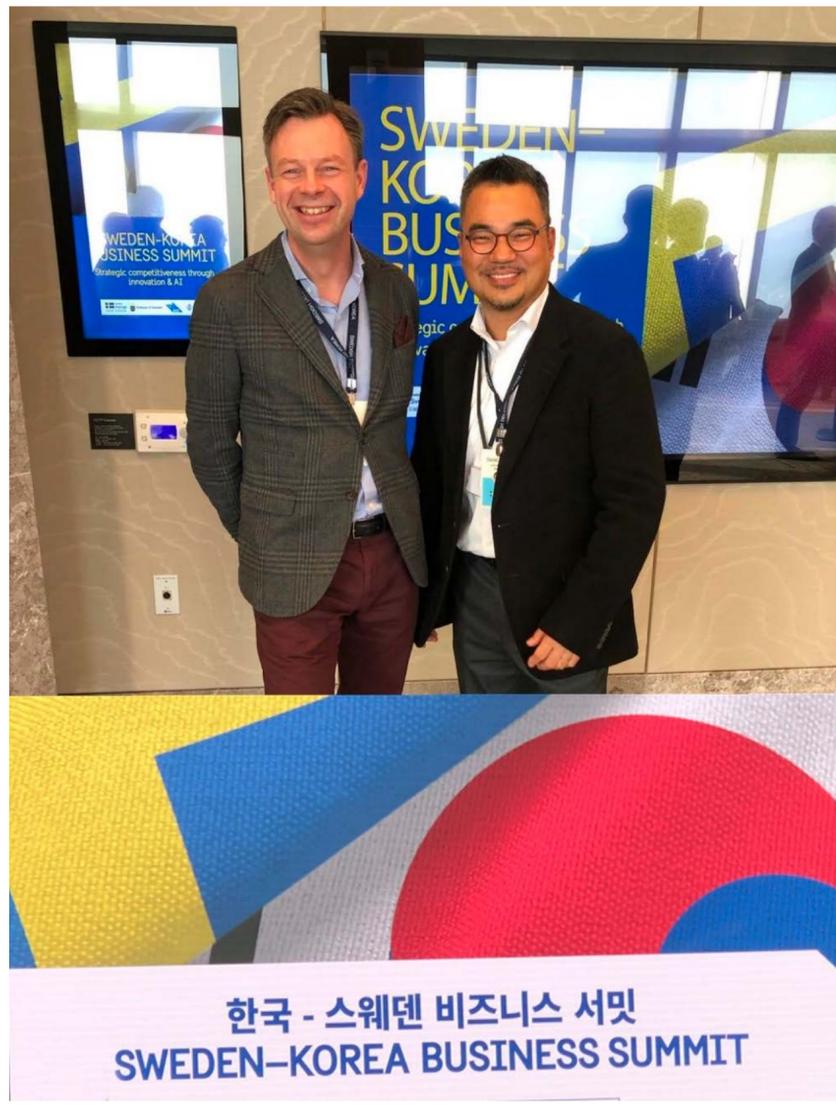
Building a strong IP portfolio does not just include a number of granted patents, it's also about build of know-how. It's important to have a base for knowledge transfer and implementation strategy to go along with that. This is something we've been developing during the year - and speaking about patents, we've got four more patents granted this year. Now they are 55 in total.

The latest one, granted in India, is related to utilization of grown nanostructures for NIL (nanoimprint lithography). Although this may not be a current focus application for Smoltek, it is adding to our strong IP asset base.

### Korean Innovation Tour – Meeting with semi giants

Smoltek was part of the innovation and startup representation of the largest ever business delegation to the Republic of Korea celebrating the 60-year anniversary of diplomatic relations between our countries. The delegation, led by Prime Minister Stefan Löfven, was organized by Business Sweden during December 17-19. Anders Johansson, CEO, and Dan Cho, Senior advisor, together represented Smoltek during the event.

Our participation provided excellent exposure to both Korean and Swedish high-level executives and decisionmakers, as well as insights and new learnings. It is impressive to witness the strong technology leadership in several industries, a result of the unique Korean spirit and determination. Smoltek has spent quite some time in South Korea since mid-2018. After this visit we are even more convinced about the exciting opportunities for Smoltek in South Korea.



Smoltek CEO, Anders Johansson and Senior Advisor Dan Cho in Korea

### Aktiespararna 2019 – Company presentation

On November 25th Anders Johansson, CEO, presented Smoltek at "Stora Aktiedagen" in Stockholm, Sweden. This gave us an opportunity to present the company for the stock market, and to discuss how our technology relates to the actual needs of the semiconductor market.

Link to presentation followed by Q&A: Smoltek - Stora Aktiedagen 2019

<https://www.youtube.com/watch?v=leExSDuOYr4&fbclid=IwAR1IbFOQxIQ417TGbhQV-mojap4dvCmcRyJl19zQZYrAAhUGz5DNnFUkDc>



Smoltek CEO Anders Johansson presents the opportunities with CNF-MIM at Stora Aktiedagen in Stockholm Sweden

### New CFO – Pia Tegborg

We are happy to welcome Pia Tegborg as CFO on a full-time basis starting on January 1, 2020. Her responsibilities as CFO will also include the prime responsibility for the company's IR.

Read more about Pia. <https://www.smoltek.com/single-post/2019/12/06/Smoltek-strengthensthe-organization-with-new-CFO>



Pia Tegborg, new CFO at Smoltek

### Merry Christmas & Happy New Year!

From all of us, we wish you a merry holiday season, with joyful days with friends and family.

Take care, and we will be back after the holidays.

/Regards,



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