

# Freemelt, Saab, and Linköping University Strengthen Additive Manufacturing for Defense Applications

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**Freemelt has been accepted into a Vinnova-funded project aimed at developing and verifying additive manufacturing of high-performance materials using Freemelt's E-PBF (Electron Beam Powder Bed Fusion) technology. In collaboration with Saab Dynamics and Linköping University, Freemelt will contribute to advancing additive manufacturing of oxygen-free copper with extremely high purity and controlled microstructure, a material with significant potential for advanced defense applications.**

The project will validate Freemelt's technology through a demonstrator specifically designed for Saab Dynamics applications, underscoring Freemelt's leadership in additive manufacturing and E-PBF. The goal is to establish additive manufacturing for defense applications with high performance and sustainability, while also creating shorter, more secure supply chains for critical materials.

Freemelt brings its expertise in E-PBF and additive manufacturing to the project, enabling local production of advanced materials. Linköping University will provide material science research, and Saab Dynamics will focus on developing practical applications for the defense sector.

"This collaboration is an exciting step forward in making manufacturing more resilient and sustainable. Freemelt's advanced E-PBF technology will play a key role in strengthening Sweden's defense industry to meet future challenges," says Daniel Gidlund, CEO of Freemelt.

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## Contacts

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## About Us

Founded in 2017 by a team of experienced engineers, Freemelt develops advanced 3D printers for metal components and is based in Gothenburg, Sweden. Freemelt primarily serves companies in the defense, energy, and medical technology sectors in Europe and the U.S., helping them innovate and improve production efficiency. Freemelt's modular printers, designed for industrial applications, support complex geometries and high-performance materials, such as tungsten for defense and energy applications and titanium for medical implants. Backed by strategic investors, Freemelt is well-positioned for continued growth as it advances into the next phase of commercialization. Read more at [www.freemelt.com](http://www.freemelt.com)

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## Attachments

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