

Freemelt takes a new important step in the industrialization of 3D printing in America

Nasdaq First North-listed Freemelt – a deep-tech, green-tech company whose groundbreaking solutions create new conditions for rapid growth in 3D printing, has entered into an agreement with Texas A&M Engineering Experiment Station (TEES), to collaborate on accelerating the industrialization of metal 3D printing in the USA.

TEES began using the Freemelt ONE machine in October 2023 for tungsten and titanium material development, and the parties have agreed to further strengthen the collaboration to advance the development of high-temperature materials in Electron Beam Powder Bed Fusion technology (E-PBF), a technology that is rapidly advancing areas for metal 3D printing. Freemelt has several years of successful material development in both tungsten and titanium.

As a part of this collaboration, Freemelt will contribute with know-how and solutions within E-PBF printing, and extensive knowledge in the manufacturing of high-temperature materials including tungsten and titanium alloy applications.

TEES is a state research agency of the Texas A&M University System that solves problems through applied engineering research and development and collaboration with industry, government and academia, including Texas A&M University.

Dr. Mohsen Taheri Andani, an assistant professor in the J. Mike Walker '66 Department of Mechanical Engineering at Texas A&M University will supervise the collaboration on behalf of TEES.

Freemelt's CEO, Daniel Gidlund comments:

"We are extremely proud and excited of this new collaboration with TEES. The U.S is where the industrialization of 3D printing technology is developing fast and strongly supported and funded by government and industry. For example, America Makes is one of the programs under the industrialization of 3D printing.

It is fantastic that Freemelt is a part of this journey, and we are confident that our unique solutions and expertise in E-PBF and high-temperature materials will generate great value. In 2022, Freemelt was very successful in North America and sold six Freemelt ONE machines to new prestige universities and institutes. Thanks to this collaboration, we expect an increased demand for our research machine Freemelt ONE and our industrial machine, eMELT. We are excited and eager to kick off the project as we have high expectations of the outcome."

Dr. Mohsen Taheri Andani comments:

"I look forward to how this collaboration will complement our research in materials characterization and processing high-temperature metals, including tungsten and titanium alloys."

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About Us

Freemelt is a deep-tech, green-tech company whose ground-breaking solution creates new opportunities for rapid growth in 3D printing, also known as Additive Manufacturing, a technology under substantial growth revolutionizing the traditional manufacturing industry, by offering a sustainable production process with optimized product design, shorter lead times, minimal waste and reduced environmental footprint.

Freemelt's protected technology enables a more greener, cost-efficient 3D printing to a consistent and high quality. By choosing an open-source solution, the conditions are created for strong growth and expansion towards manufacturing markets. Freemelt was founded in 2017, is listed on Nasdaq First North Growth Markets, has 38 employees, head office in Gothenburg and a manufacturing unit in Linköping. Read more at **www.freemelt.com**.

Attachments

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