Freemelt Establishes Advisory Board to Drive Innovation and Industrialization of Additive Manufacturing

To accelerate progress in additive manufacturing (AM) and support the industry's transformation, Freemelt is establishing an Advisory Board composed of leading industry experts. The goal is to create a platform for open dialogue, knowledge sharing, and collaboration that drives AM development forward.

Freemelt aims to take an active role in driving innovation and industrialization of AM by combining advanced technology with strategic partnerships. AM has the potential to play a critical role in addressing global challenges, such as rising energy demand and the development of alternative energy sources like fusion, while also contributing to Europe's increase in defense capability. The technology further enables large-scale regional manufacturing and improved productivity.

Members of the Freemelt Advisory Board:

Professor Arunodaya Bhattacharya
Chair in Fusion Energy, University of Birmingham / Former Chief Technologist, UKAEA

Professor Bhattacharya is an internationally recognized expert in advanced materials for fusion and fission. Previously, he held senior roles at the UK Atomic Energy Authority and Oak Ridge National Laboratory in the United States. With extensive experience in global research programs, he now contributes to the development of next-generation fusion reactors, focusing on materials engineered to withstand extreme environments.

Göran Backlund
Director, Business Development & Strategy, Saab Dynamics AB

Göran Backlund brings over 30 years of experience in defense and aerospace technology. He has been instrumental in Saab's adoption of AM and has led the company's internal AM group since 2013. Under his leadership, Saab achieved several milestones, including flight-qualified 3D-printed components. Göran is also active within AMEXCI, supporting the advancement of industrial additive manufacturing in Sweden.

Dr. Ola Harrysson
Edward P. Fitts Distinguished Professor, NC State University

Dr. Harrysson is a pioneer in metal-based additive manufacturing with more than 25 years of research experience. As head of CAMAL at NC State University, he has driven the development of medical AM solutions, including customized orthopedic implants and osseointegrated prostheses. His work bridges engineering, medicine, and industrial application of AM technology.

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About Us

Freemelt develops advanced 3D printers for metal components and aims to become the leading supplier in additive manufacturing (AM) using E-PBF technology, targeting SEK 1 billion in revenue by 2030. The solutions primarily support companies in the defense, energy, and medical technology sectors in Europe, U.S. and Asia, enabling them to drive innovation and improve production efficiency. Founded in 2017, Freemelt has expanded its product portfolio to include three printer models, with two designed for industrial production and one (Freemelt ONE) targeting research institutes and universities. The modular industrial printers (eMELT) leverage E-PBF technology, delivering significantly higher efficiency compared to other machines on the market while maintaining flexibility in metal selection.
Freemelt generates revenue primarily through the sale of advanced 3D printers at fixed prices, complemented by support and maintenance services, which are expected to account for 25% of total revenue by 2030.
The company is now focused on further industrializing its product and service portfolio and driving commercialization in the European, North American, and Asian markets. Read more at www.freemelt.com

Attachments

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