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AM MATTERS
Q2 2024

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FROM SINGAPORE'S UNITED SOVEREIGN

SINGAPORE HIGHLIGHTS



Craft Health successfully closed its Pre-Series A2 funding round, led by Valuence Ventures with contributions from Mistletoe Singapore and an angel investor, highlighting investors confidence in its mission to transform compounding pharmacy globally.

[Read more.](#)



UMAMI Bioworks and Shioh Meats announced the proposed merger, establishing the combined entity as a global leader in the burgeoning cultivated seafood market. This move aims to expedite the journey towards scalable production of sustainable, cultivated seafood alternatives. [Read more.](#)

INDUSTRY HIGHLIGHTS



[SSAB](#), a Nordic and US-based steel company launched what they claim to be the world's first emission-free steel powder for commercial use, developed from recycled SSAB Zero steel. [Read more.](#)



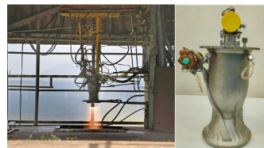
[The Catholic University of Korea's](#) research team has successfully implanted the world's first bioprinted artificial trachea into a patient, customised using adult stem cells from another person. [Read more.](#)



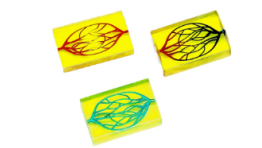
[Sodick](#), a Japanese company, announced its acquisition of a 9.5% minority share in [Prima Additive](#), an Italian firm. This deal facilitates a partnership to capitalise on laser technology portfolios and metal additive manufacturing capabilities of the two companies. [Read more.](#)



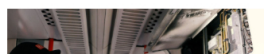
[Gastronomy 3D Food Works](#), a Dutch startup, has announced its commencement of industrial production of 3D-printed food products for dysphagia patients, with a capacity of 700 kilograms per day. [Read more.](#)



[The Indian Space Research Organisation \(ISRO\)](#) achieved a significant milestone with the successful hot testing of a liquid rocket engine manufactured using additive manufacturing technology. The new engine saved 97 per cent of raw material and reduced production time by 60 per cent. [Read more.](#)



[BMF Biotechnology Inc.](#), a subsidiary of [Boston Micro Fabrication \(BMF\)](#), uses the brand's 3D printing technology to create and commercialise microfluidic chips that accurately mimic human body functions. These Biochips will allow faster and more precise testing and research for the pharmaceutical and cosmetic industries. [Read more.](#)





[DB_FSG](#) announced the expansion of its digital manufacturing services to the UK rail industry including using 3D printing and 3D scanning to address rail supply chain and engineering challenges. [Read more.](#)



[Virginia_Tech](#) researchers are pioneering a significant advancement in wind turbine blade technology by employing additive manufacturing techniques to construct wind turbine blades from a novel, recyclable thermoplastic material. [Read more.](#)



[Siemens_Energy](#) has revealed its intent that each additive manufacturing-enabled gas turbine sold by 2030 will have the capability to run on 100% hydrogen. [Read more.](#)



[6K_Energy](#) announced its novel cathode active material (CAM) that meets the stringent government mandates for compliance outlined by the Inflation Reduction Act (IRA). It is also the first company to meet compliance for both LFP and NMC materials. [Read more.](#)

UPCOMING EVENTS



This event explores sustainable business strategies with additive manufacturing. Discover how collaboration between polytechnics, SMEs, and industry leaders can drive innovation and growth in Singapore's manufacturing sector. Gain valuable insights and strategies for success in the additive manufacturing landscape. Click [here](#) for more information.

Date: 19 July 2024

Venue: Marina Bay Sands, Singapore



The Global Additive Manufacturing Conference and Expo Dubai is an immersive experience designed to inspire, educate, and empower industry professionals. Attendees will delve into the realms of art, fashion, architecture, and beyond, witnessing how additive manufacturing is revolutionising creativity and pushing the boundaries of what's possible. [Register here.](#)

Date: 9 to 10 August 2024

Venue: Atlantis, The Palm, Dubai, United Arab Emirates



The conference with the theme of "Insights and Innovations in 3D Printing and Additive Manufacturing: Progressing to the Future" will bring global attendees together to showcase the latest advancements, trends, and applications, providing them with a comprehensive understanding of the potential and impact of additive manufacturing. [Register here.](#)

Date: 29 to 31 August 2024

Venue: Renaissance Kuala Lumpur Hotel, Malaysia



The 13th edition of NAMIC's Global Additive Manufacturing Summit, held in conjunction with ITAP, is Singapore's flagship in-person and virtual AM business event, bringing together global thought leaders, entrepreneurs and leading AM application experts. This edition will discuss topics in AM strategies, sustainability, AI, aerospace, and digital workflow in AM. [Watch the 2023 highlights here.](#)

Date: 15 & 16 October 2024

Venue: Max Atria, Singapore Expo

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Our mailing address is:
4 Fusionopolis Way
Kinesis @ Fusionopolis 2
Level 9, Singapore 138635

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