



AMSYSTEMS Center (by TNO)

Participant Holland High Tech Japan trade mission



Holland High Tech
Global Challenges, Smart Solutions



The Holland High Tech Japan trade mission

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co-organised by [Innovatie Attaché Netwerk \(IA-netwerk\)- Tokio](#)



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The AMSYSTEMS Center is a joint innovation center to develop the next generation additive manufacturing production equipment for smart, personalized and multi-functional products. The AMSYSTEMS Center is founded by the Dutch independent research organization TNO and High Tech Systems Center of the Eindhoven University of Technology.

Additive manufacturing concerns methods whereby products are produced layer by layer, such as 3D-printing. The AMSYSTEMS Center targets high-tech, 3D printed electronics, 3D food and 3D pharma markets with spin-off to other markets that require personalized, customized, on-demand manufacturing.

New concepts for multi-material/multi-technology

The AMSYSTEMS Center focusses on development of new multi-material/multi-technology concepts for additive manufacturing (AM) and the integration of these technologies in mass-customization production chains, making it an integral part of a 'next generation industry' approach. AMSYSTEMS is aimed at stimulating the competitiveness and growth of the Dutch industry. The center stimulates the co-creation of eco-systems around new AM equipment concepts, organized in shared research innovation programs, addressing next generation AM equipment challenges and creating benefit for companies along the value chain.

Shared and contract research for industry

AMSYSTEMS offers a mix of shared research and contract research, to serve the needs of the industry and develop new knowledge in European programs. The AMSYSTEMS Center has a strong link with the Dutch Smart Industry action agenda, has established the Smart Industry Fieldlab MultiM3D and received an investment grant (xx million Euros) for a pilot line additive manufacturing (PrintValley2020). The Fieldlab MultiM3D is a co-creation platform for research organizations and companies of the smart and multi-material additive manufacturing chain.

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