

AMC NU

ADVANCED MANUFACTURING PROGRAM^(AMP)

Powered by: **Regio Deal Twente**

Together with regional government and partners, the Fraunhofer Innovation Platform for Advanced Manufacturing (FIP-AM) has developed the Advanced Manufacturing Program (AMP) to establish a transitional framework towards Manufacturing 4.0 and empowering manufacturing industries in the Eastern part of the Netherlands.

The Advanced Manufacturing Program (AMP) provides subsidies through the RegioDeal supported by the Province of Overijssel and the Dutch state. It aims to encourage rapid development of Twente

and other regions in the East Netherlands by forming an Advanced Manufacturing hub with an outward looking European image. With this the AMP greatly enhances the region's reputation and business climate.

Within the AMP, the Fraunhofer Innovation Platform for Advanced Manufacturing at the University of Twente develops innovation projects around manufacturing technology themes. Every AMP project is built around solid industrial collaboration, empowering companies with relevant knowledge and new technological and industrial

methodologies. Through the hub, these can be shared with other high-tech manufacturing industries in the region.

Member companies of the AMP can solve their specific technology problems and answer their market-oriented questions. This is achieved by developing and creating demonstrators that offer participating companies direct technological insight. FIP-AM then utilises workshops and master classes to further disseminate this newly acquired knowledge.

The Advanced Manufacturing Program (AMP) is a funding program that helps us support you in your transformation to Manufacturing 4.0. This is made possible through the Regio Deal supported by the Province of Overijssel and the Dutch State.



Rijksoverheid



regio
Twente



TOPIC 01

It can be difficult to conduct an innovation. Often a new idea arises to, for example, produce more cost-efficiently, reduce material waste, or simplify the production process, but people do not always know how to take the next step in this process. Which and how many people are needed for this innovation project? What budgets are available and is that enough? What timeframe is feasible? In practice, regular daily business often takes over in terms of

DON'T WAIT, INNOVATE!

AND WE ARE HAPPY TO HELP YOU WITH THAT!

prioritisation, and new, valuable ideas unfortunately remain on the shelf.

In a free of charge exploratory meeting, we shine our light on your idea and support you in the next steps. **We are happy to assist you as an external innovation manager, extra R&D capacity, project manager or as a gateway to other specialist parties (field labs, professors, engineers, or other experts).** Our hours can be paid for with the support of the AMP.



TOPIC 02

ADVANCED MANUFACTURING CENTER

WHICH DEMONSTRATOR WOULD YOU LIKE TO SEE?

You've probably heard of it: soon we will open the doors of our own Advanced Manufacturing Center! This state-of-the-art industrial test-before-invest facility opposite the University of Twente offers manufacturing companies extensive opportunities for industrial research projects. Our projects always have a

demonstrator as an end result: either a tangible demonstrator, or a digital proof-of-concept solution.

Which demonstrator would you like to see in our AMC? Let us know, we appreciate your input!

TOPIC 03

SUSTAINABILITY AS AN INTEGRAL PART OF YOUR PROJECT

BECAUSE SUSTAINABILITY IS MORE URGENT THAN EVER

Sustainability can relate to various aspects, with the common denominator being the contribution to a healthy earth with thriving inhabitants and well-functioning ecosystems. Literally it means 'durable' or 'long-lasting'. This can be all about the technological, economic, ecological, political or social field developments.

deployment of people, reducing the consumption of raw materials and materials such as gas and electricity, or being able to use a certain component more sustainably (= for a longer term). It can also be about a truly more environmentally friendly production process.

Sustainability in your project can therefore relate to a sustainable

Do you need help with your sustainability issue? We can also support you here! ■

Would you like to know more or do you have any specific innovation ideas around these topics? Contact Elias!

