



WEBINAR

# The impact of additive manufacturing on product sustainability

3 November 2020 | 11.00 AM - 12.10 PM (CET)



**cecimo**

European Association of the Machine Tool Industries  
and related Manufacturing Technologies

# Stewart Lane

Corporate Manager, Renishaw  
plc and Chairman of the  
Additive Manufacturing  
Committee at CECIMO



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# CECIMO in a nutshell

CECIMO represents

**1500**

1500 Industrial  
enterprises in  
Europe

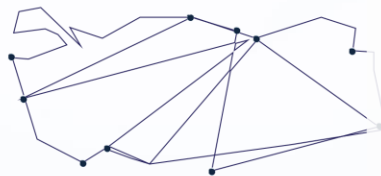
**350**

Additive  
manufacturing  
companies across the AM value chain



**15**

National  
trade  
bodies



## CECIMO REPRESENTS

globally the common position of European Machine Tool Industries and related Manufacturing Technologies, and promotes co-operation with other organisations worldwide.

## CECIMO ADVOCATES

to contribute to a business environment (legislation, innovation, environment, skilled workforce, financing, supply chain and infrastructure) that markets the most competitive manufacturing solutions worldwide.

## CECIMO ENCOURAGES

research and innovation driven by needs of the market. CECIMO contributes to shaping EU policies, is involved in EU-funded projects and encourages enterprises in participating to National and European programmes.

## CECIMO PROMOTES

our sectors through the EMO exhibitions, the world benchmark for Enabling Manufacturing Technologies.

## CECIMO PROVIDES

a Market Intelligence Service: we gather, analyse and distribute statistical and economic data and reports.

## CECIMO REPRESENTS

globally the common position of European Machine Tool Industries and related Manufacturing Technologies, and promotes co-operation with other organisations worldwide.

## Giving one voice to the Additive Manufacturing value chain

**Business barriers** – regulatory and non-regulatory ✓

**Funding** – from R&D to production ✓

**Standardisation** and certification ✓

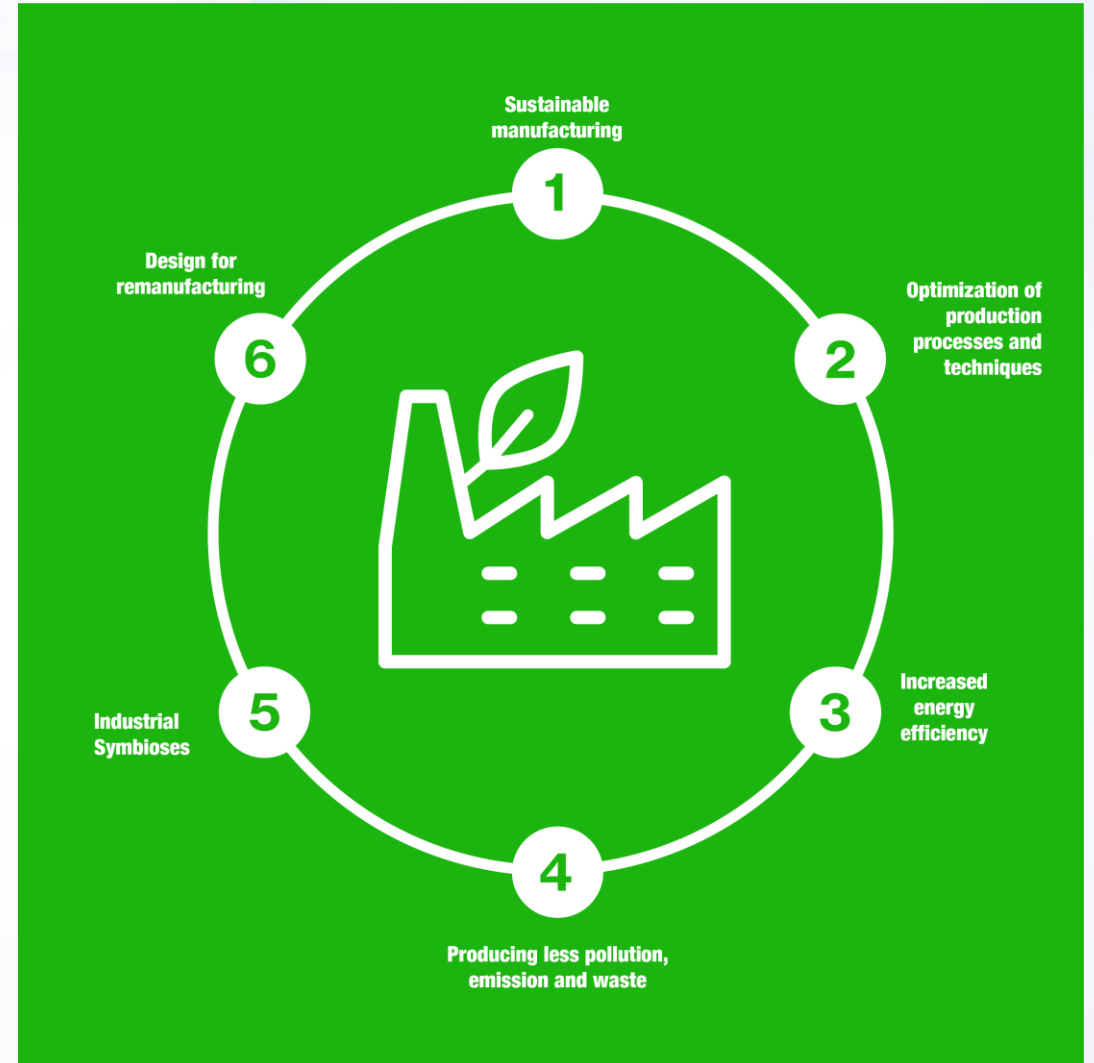
**Intellectual Property** issues ✓

**Training and skills gap** ✓

**Production capacity** ✓



# Making the manufacturing processes more sustainable

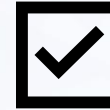


# Additive Manufacturing as an enabler of the Circular Economy

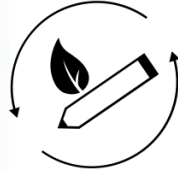
## Circular Economy objectives

## Additive Manufacturing

Recycling



Freedom of design



Repairing



Remanufacturing



Access to to damaged or  
obsolete components



## Challenges ahead for Additive Manufacturing

- Creating business cases**
- Improving **availability of suitable and sustainable materials** as well as recycling rate of un-used materials
- Reducing the **post-processing timing** (which in certain cases can account for 60% of the overall production process)
- Increasing the **first-time right** print ratio
- Development of **certification and standardisation**
- Addressing to **the skills gap**



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# Today's speakers

**WEBINAR**



## **The impact of additive manufacturing on product sustainability**



**Stewart Lane**

**Corporate Manager at  
Renishaw**

*Moderator*



**Harry Kleijnen**

**Senior Key Account  
Manager  
at Additive Industries**



**Jakob Jorgensen**

**Head of Technology  
at COBOD**



**Alessio Lorusso**

**CEO at Roboze**



**Valeria Tirelli**

**CEO at Aidro Hydraulics  
& 3D Printing**



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**Thank you for your  
attention!**