

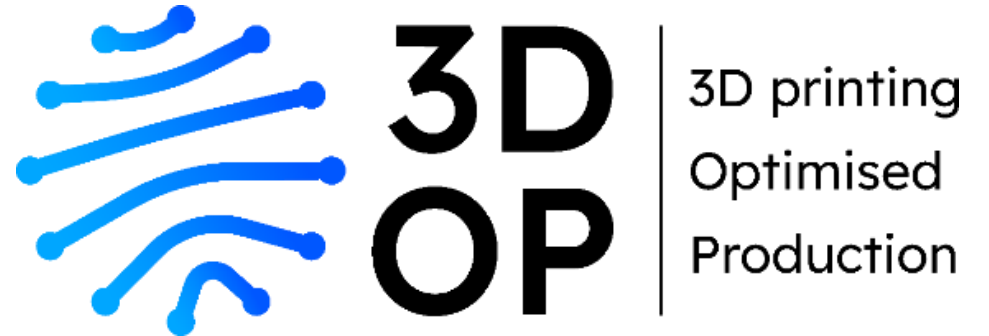


# Community kick-off event of the 3DOP European AM Project

7 Nov 2023 @ Formnext



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# Ecosystem kick-off meeting

## ***3DOP EU Project - 3D-Printing Optimised Production***

***Interregional Innovation Investment Instrument (I3) from the European Commission***

15:00 – 15:05 **Introduction 3DOP European AM consortium** *by Frank van Tuijl (Brainport)*

15:05 – 15:15 **Efficient and sustainable 3D metal printing for air purification**

*by Gerald van Santen (CEO at Addcat)*

15:15 – 15:25 **Automated dedicated AM production line for affordable 3D printed dental implants and aligners**

*by Marta Sanz (COO at Phibo)*

15:25 – 15:35 **Automated production line for high-mix @ high-volume polymer and metal 3D printed parts**

*by Stefan Rink (CEO at AM-Flow)*

15:35 – 15:45 ***Opportunities for SME`s to engage with 3DOP through demonstration, value chain building, follow-up***

***project creation*** *by Stefano Menegazzi (Innovation PM @ Hub Innovazione Trentino)*

15:45 – 17:00 **Networking drinks and bites**

## Meet our partners

33 TECH PARTNERS  
CONNECTING THE DOTS  
UNLOCKING INVESTMENTS  
OF EU COMPANIES  
SUPPLYING THE  
COMMUNITY LOCALLY

- 3 RESEARCH INSTITUTES
- 6 AM-TECHNOLOGY SUPPLIERS
- 4 COMPLEMENTARY TECHNOLOGY SUPPLIERS
- 4 DEMONSTRATION FACILITIES
- 4 GOVERNMENT & CLUSTER DEVELOPMENT AGENCIES
- 10 AM-USING COMPANIES
- >7 APPLICATION MARKETS
- 20 SMALL AND MIDSIZE ENTERPRISES
- 5 SUSTAINABLE DEVELOPMENT GOALS

**SPAIN**

**ITALY**

**NETHERLANDS**

**BELGIË**

**POLAND**

**GERMANY**

**SLOVANIA**

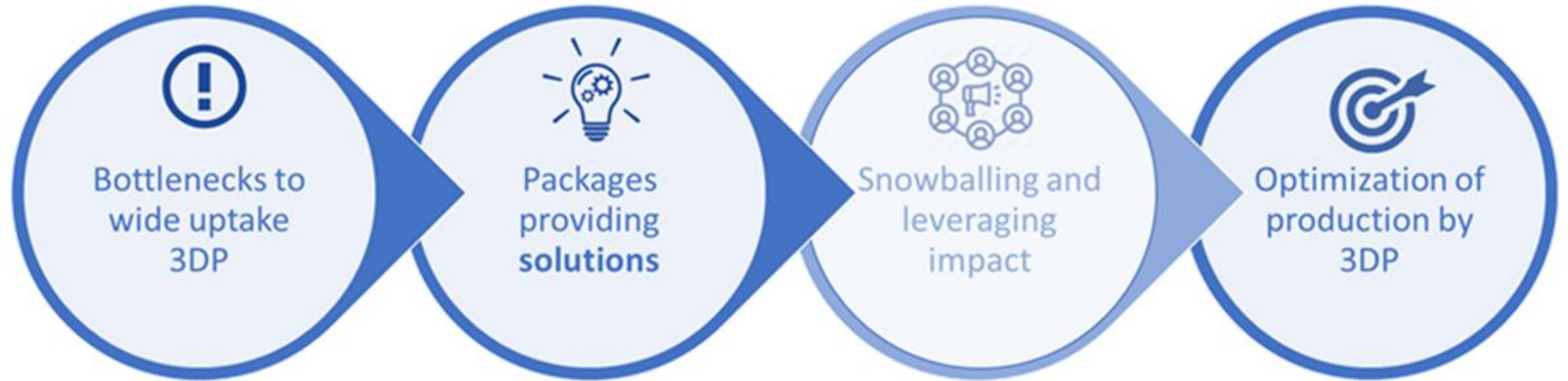
**CROATIA**

Interregional Innovation Investment Instrument (I3)



Co-funded by the European Union

# What



- ✓ *High costs*
- ✓ *Need for quality improvements*
- ✓ *Lack of automatization*
- ✓ *Need for further AM-digital integration*

- ✓ *Metal Printing Optimization (WP2)*
- ✓ *Embedded Electronics (WP3)*
- ✓ *Dental (WP4)*
- ✓ *Automatization of 3DP Factories (WP5)*

*General uptake of solutions; leveraging solutions to other applications, projects, value chains... (WP6)*

Develop technical solutions that resolve the bottlenecks in the target application areas and bring them faster to market

Generate uptake and sustainable investments (of close-to-market and SME-led projects)

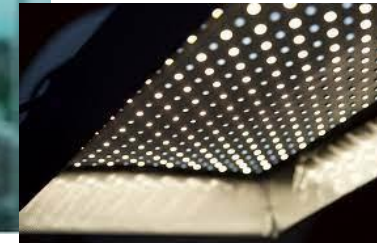
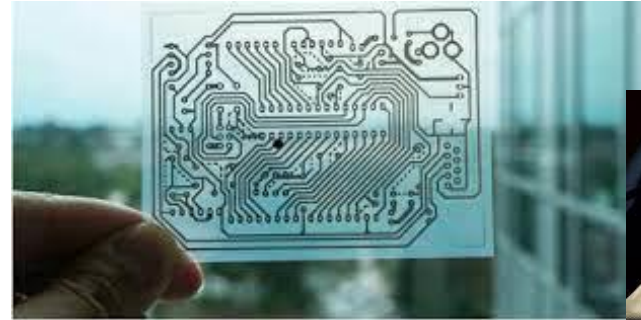


# Application areas

## Metal printed catalyst (WP2)



## Polymer imprinted electronics (WP3)



## Dental implants (WP4)



Screwed and skeletal



Splint

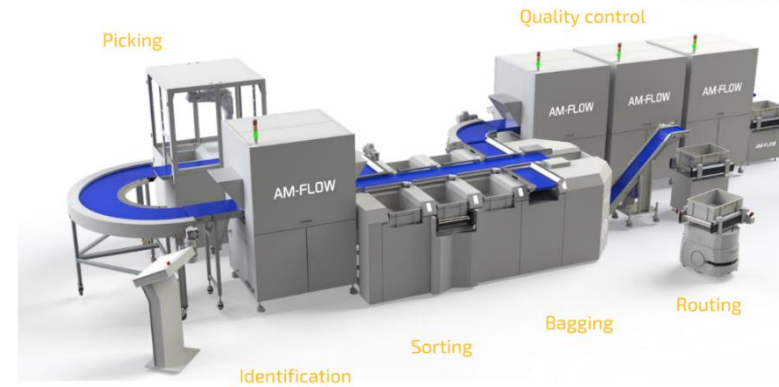


Zircon Prosthesis



Titanium bar

## Automated production line for high-mix @ high-volume (WP5)



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# Visit us

[www.3dop.eu](http://www.3dop.eu)



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