



A M 4 A M

Advanced Materials  
for  
Additive Manufacturing

We enable the future of  
sustainable and cost-efficient  
metal 3D printing

# Market opportunity

AM 4 AM will serve large industrial manufacturer markets facing common challenges



Market size : 15-20 B USD  
CAGR : 6%



Market size : 2.5 T USD  
CAGR : 3%



Market size : 435 B USD  
CAGR : 6,8%

# Market opportunity

What is the common point between satellites, cars and aircrafts?



↑ Performance



↓ Resource consumption  
CO2 emissions



Weight reduction and  
production efficiency is the  
best approach

# Market opportunity

Additive manufacturing technology is able to decrease drastically parts weight, production cycles and resources consumption



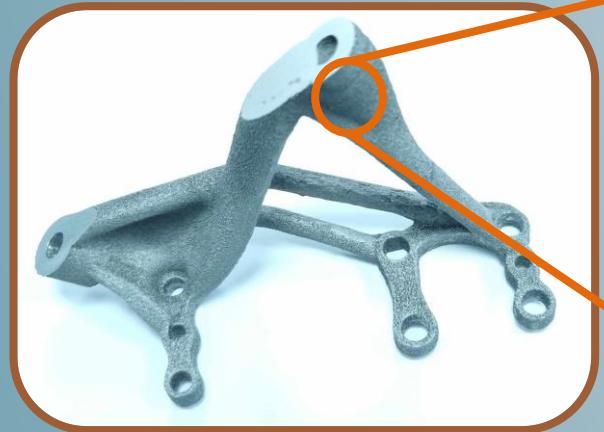
More than 50% weight reduction

More than 70% less resources consumption

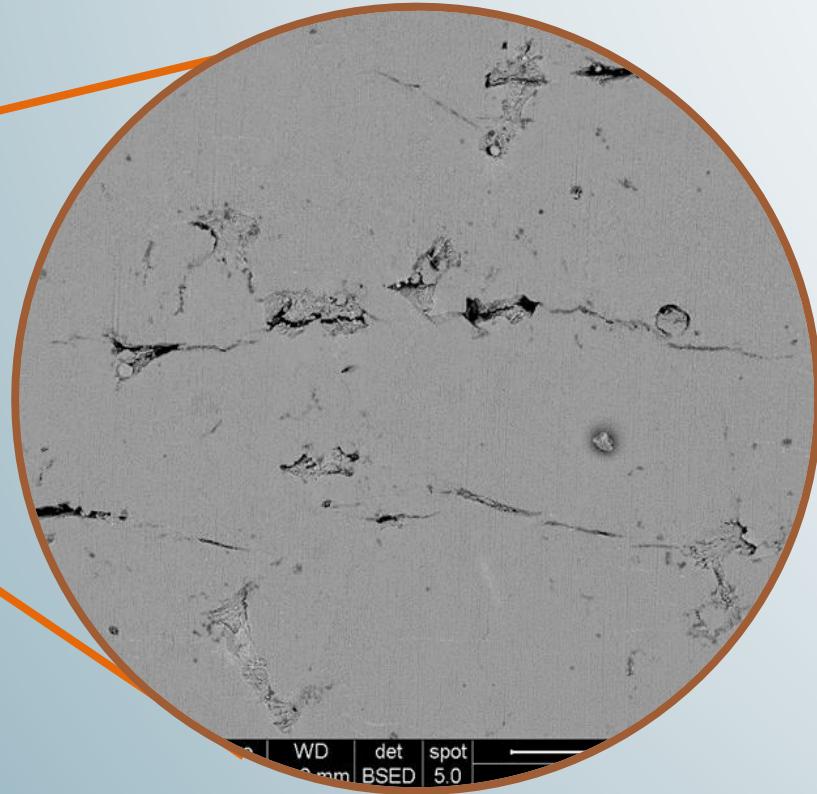
High mechanical properties

# Problem statement

Serious limitations are still slowing down its expansion



Conventional aluminum  
3D printed part



**Loss of mechanical properties**

**Parts failures**

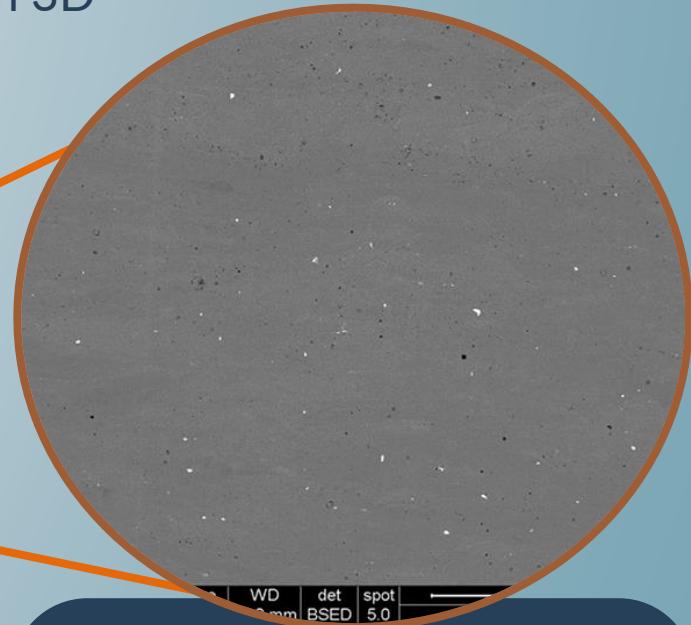
**Inappropriate for industrial production**

# Our solution - HiperAl

Aluminum powder which is keeping its mechanical properties when printed in 3D



3D printing



2 times more resistant

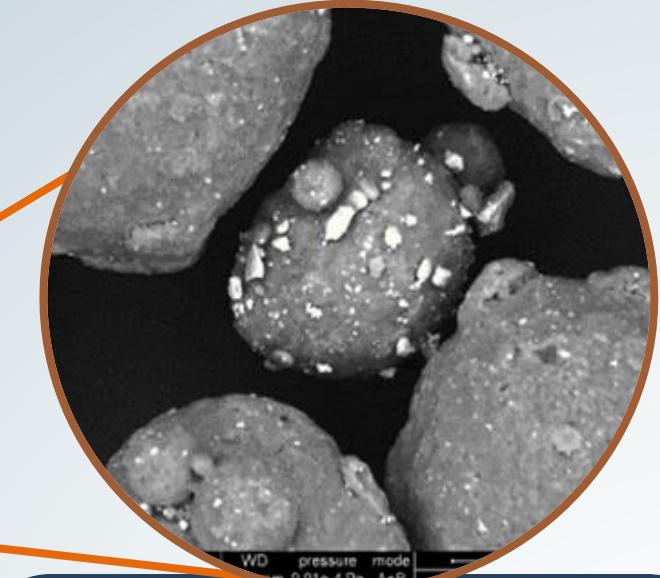
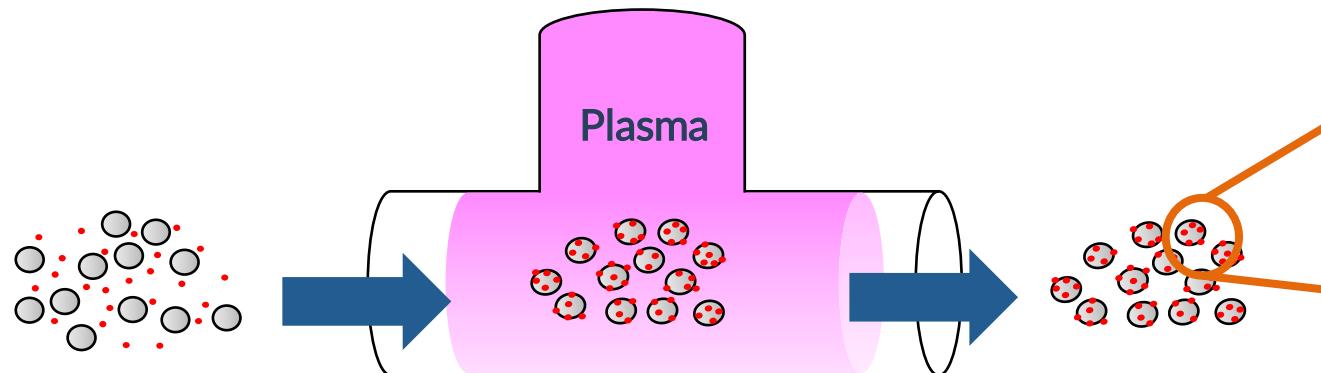
40% lighter than titanium

Defects free

# Our Technology

Our cold plasma technology disperse ceramic particles on the surface of aluminum powder

Patented technology (LU101177)



Ceramic and  
aluminum powder  
mixture

Aluminum powder  
decorated with  
ceramic

Could be applied to all metals  
Industrial scale  
Low resources consumption

# Our team

Experienced team of passionate people and committed advisors



**Dr. Maxime Delmée**  
CEO

PhD in materials chemistry,  
specialized in plasma treatment



**Daniel Biedermann**  
Advisor



**Dr. Grégory Mertz**  
Co-founder

PhD in materials science with +15  
years in applied research and project  
management



**Mathieu Voos**  
Advisor



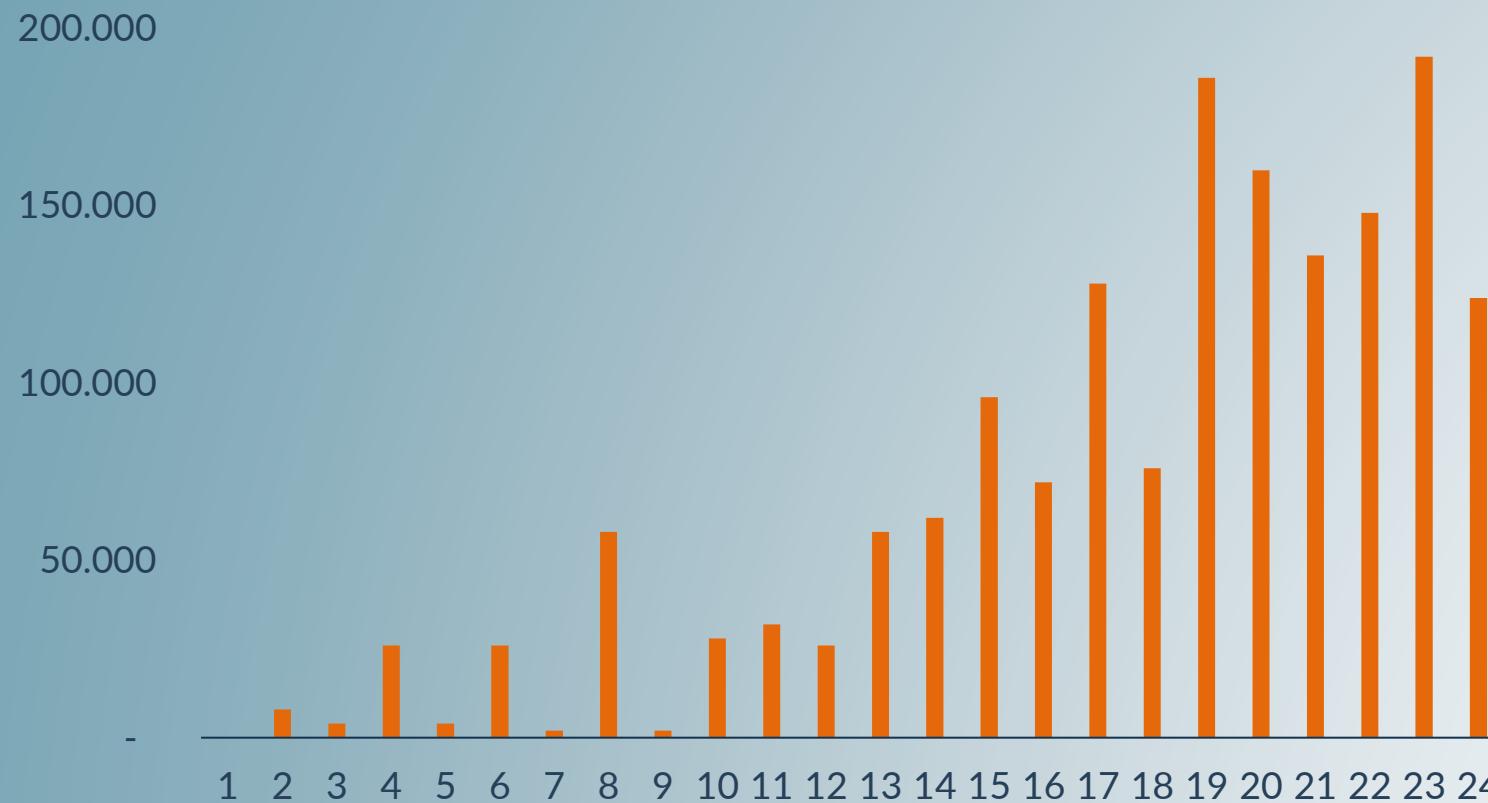
**Peter Dooley**  
Advisor

**Next recruitment:**

- Sales manager
- Materials engineer
- Lab technician

# Revenue Forecast - 24 month

Revenue forecast for the next 24 month and sales objectives



2024

Recurrent customers : 3

Number of order : 12 tests, 12  
recurrent (1700 kg)

2025

Recurrent customers : 18

Number of order : 38 tests, 55  
recurrent (9400 kg)

# Go to market

We are selling HiperAI powder to the European market by direct and indirect sales (powder provider and 3D equipment)

## Testing customers

## Recurrent customers

## Production upscale

2024

- First sales (space + 3D service) and distribution contract (IMR Metal)



2025

- Expansion to other market (Automotive + 3D equipment)



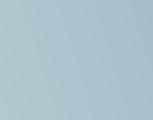
2026

- Start of new product development + Aeronautic customers



2027

- Second production unit + R&D department



2028

- Production up to 100 tons/year

## Existing customers

Pint<sup>star</sup>  
ADEMUS

Lunar Outpost<sup>TM</sup>  
BEAMIT  
am INNOVATION

temis th

# Operations

AM 4 AM is hosted at Technoport incubator and we have 1 production unit in operation since 2023



Located in the heart of Europe

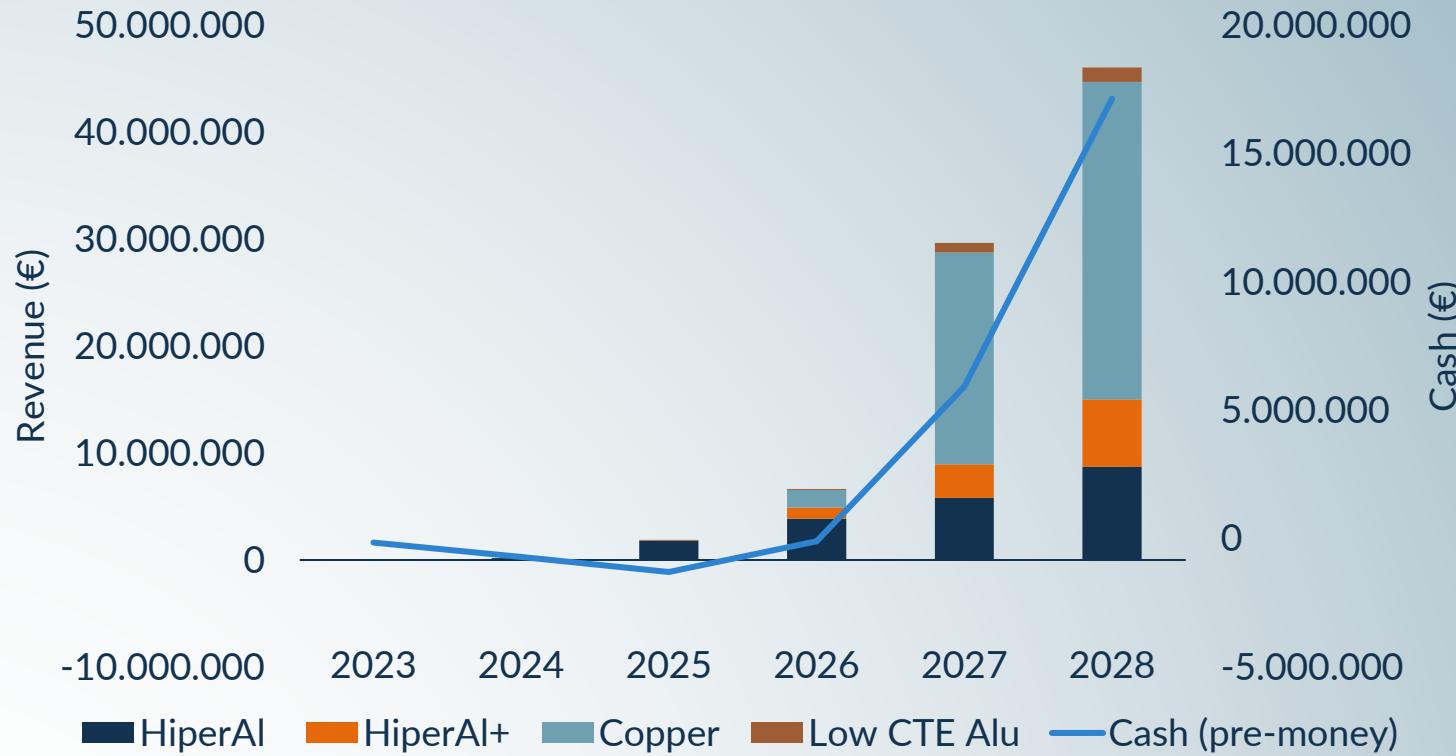
Capacity of 36 tons/year  
(7.2 M€ of revenue)



600 m<sup>2</sup> facility with  
possibility to install 5  
production units and 25  
people

# Finance – 5 years

Our revenues will grow up to 45M€ in 2028 with a CAGR of 200%. The funding need is 1.2M to reach break even during 2025



Development of new products

Purchase of a second production unit

R&D laboratory

Team increase (25 persons)



# Conclusion

We enable the future of sustainable and cost-efficient metal 3D printing

## AM 4 AM's offer

- Proven technology and Product/Market fit
- Established customer base and solid sales pipeline
- Production capacity is operational and can serve initial demand
- Operational scaling potential
- Processing of new materials will create further revenue growth potential

We are looking for a seed investment of 1.2 M€ to reach the break even

Sales scaling

Team increase

Process optimization

New materials development



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## CONTACT US!

### Location

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### Social Media



We enable the future of sustainable and cost-efficient 3D printing



# HiperAL - Use case

Break support for electric motor bike – Automotive application

Pint 



More than 50% weight reduction

Sustain high load

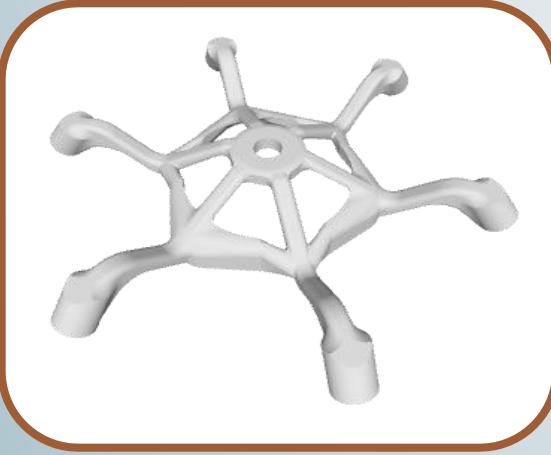
Mechanical properties at high temperature

# HiperAL - Use case

Lunar rover part – Space application



Pint



More than 30% weight reduction

50% less materials

Mechanical properties  
on a large range of  
temperature