



AM 4 AM

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



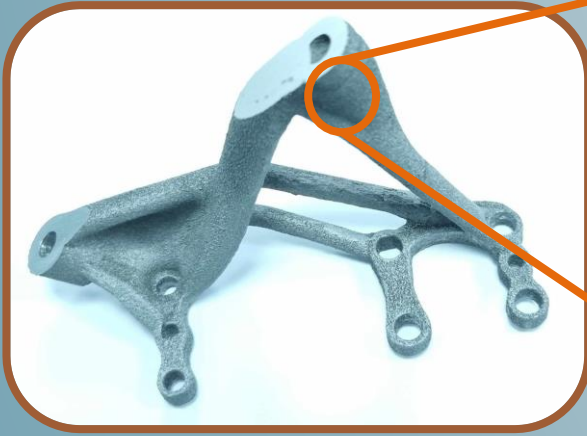
More than 50% weight  
reduction

More than 70% less  
resources consumption

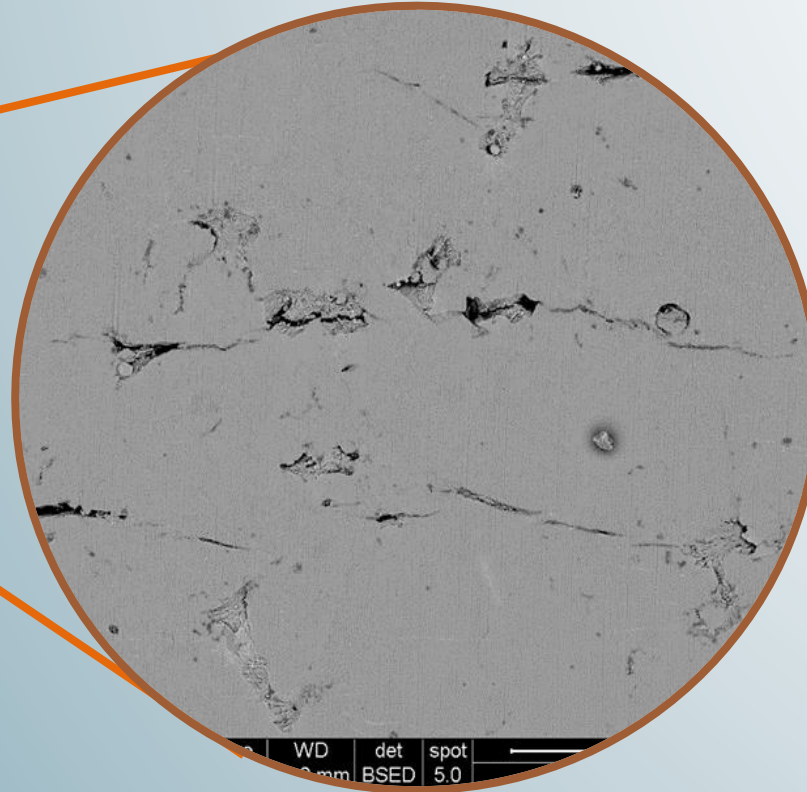
High mechanical  
properties

# Problem statement

Serious limitations are still slowing down its expansion



Conventional aluminum  
3D printed part



Loss of mechanical  
properties

Parts failures

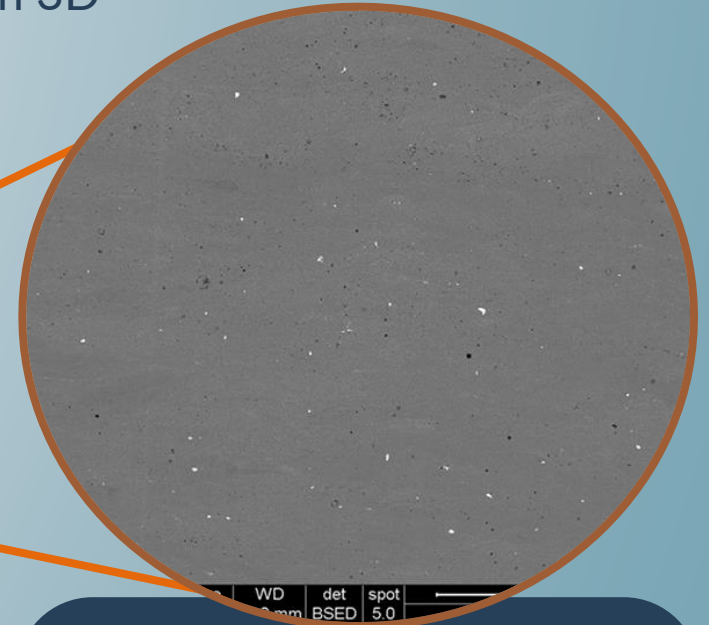
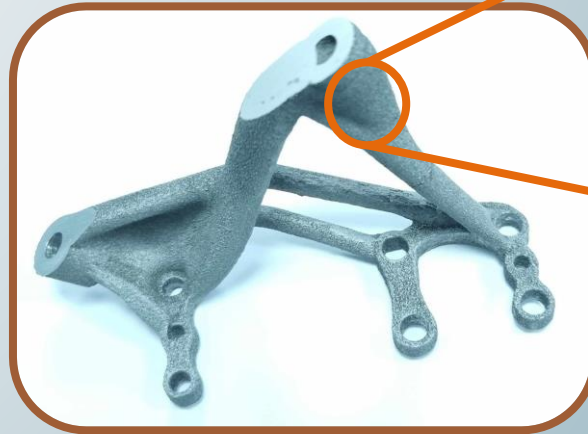
Inappropriate for  
industrial production

# Our solution - HiperAl

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



3D printing



2 times more resistant

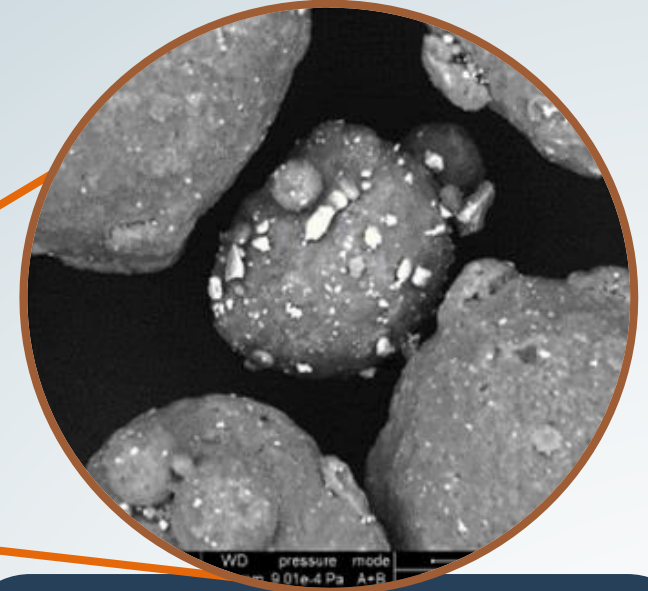
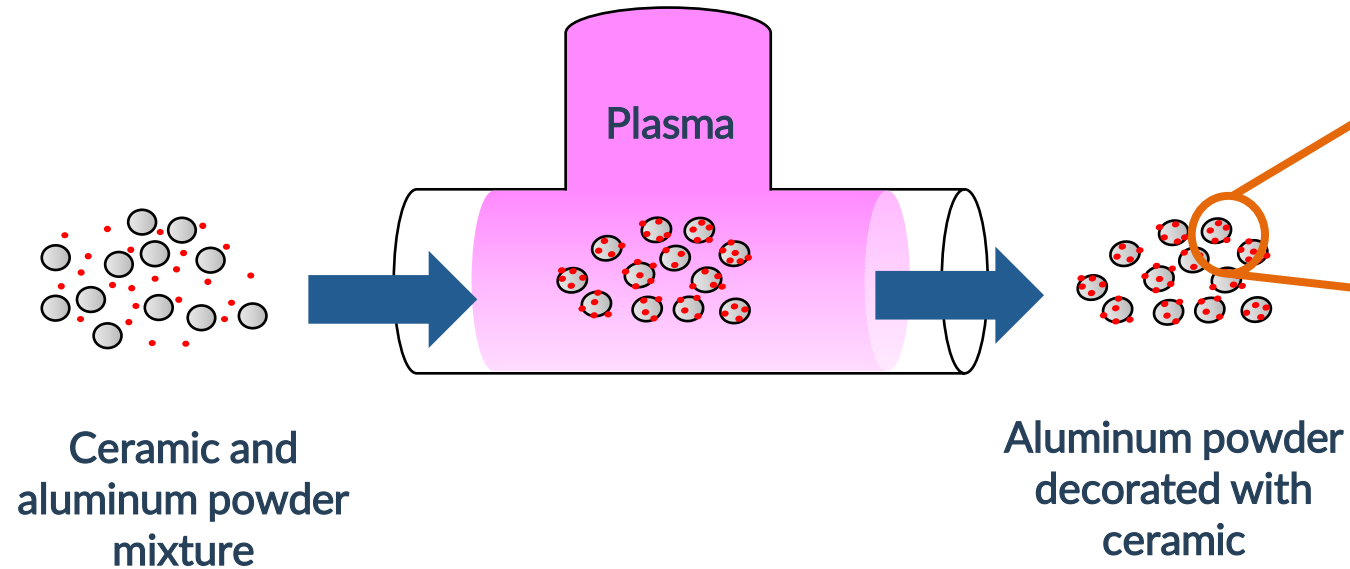
40% lighter than titanium

Defects free

# Our Technology

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

Patented technology (LU101177)



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



**Dr. Grégory Mertz**  
Co-founder

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



**Daniel Biedermann**  
Advisor



**Mathieu Voos**  
Advisor



**Peter Dooley**  
Advisor

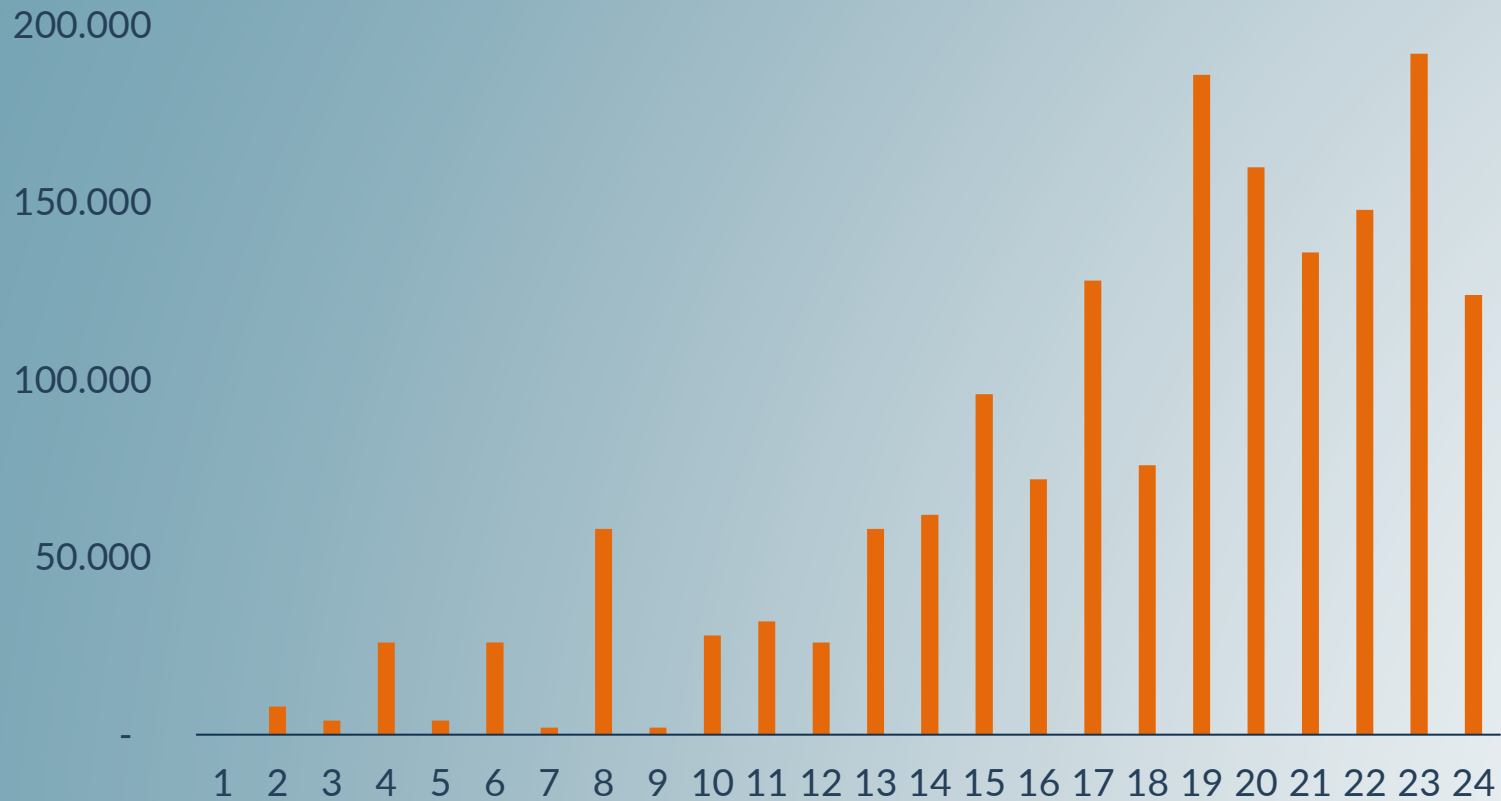
## Next recruitment:

- 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

2024

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



## Recurrent customers

2025

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



2026

- Start of new product development + Aeronautic customers



## Production upscale

2027

- Second production unit + R&D department

2028

- Production up to 100 tons/year

## Existing customers

Pint  
ADEMUS



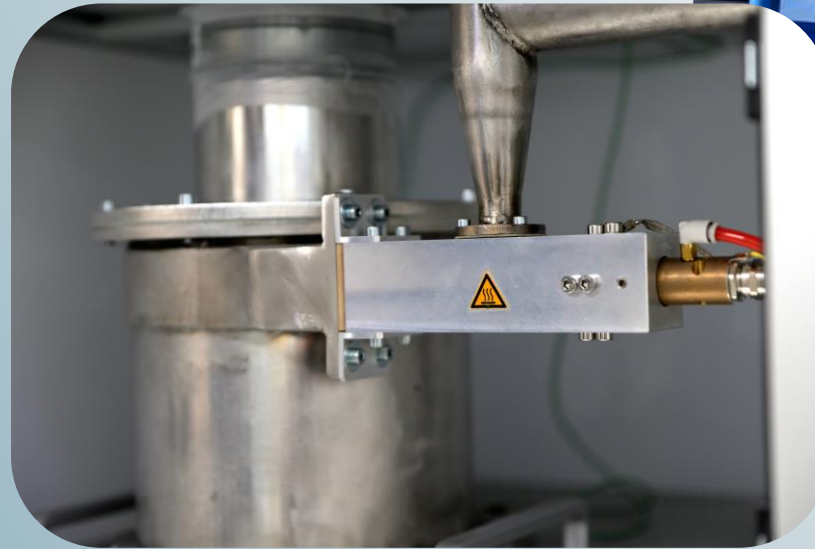
# Operations

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



Located in the earth of Europe

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

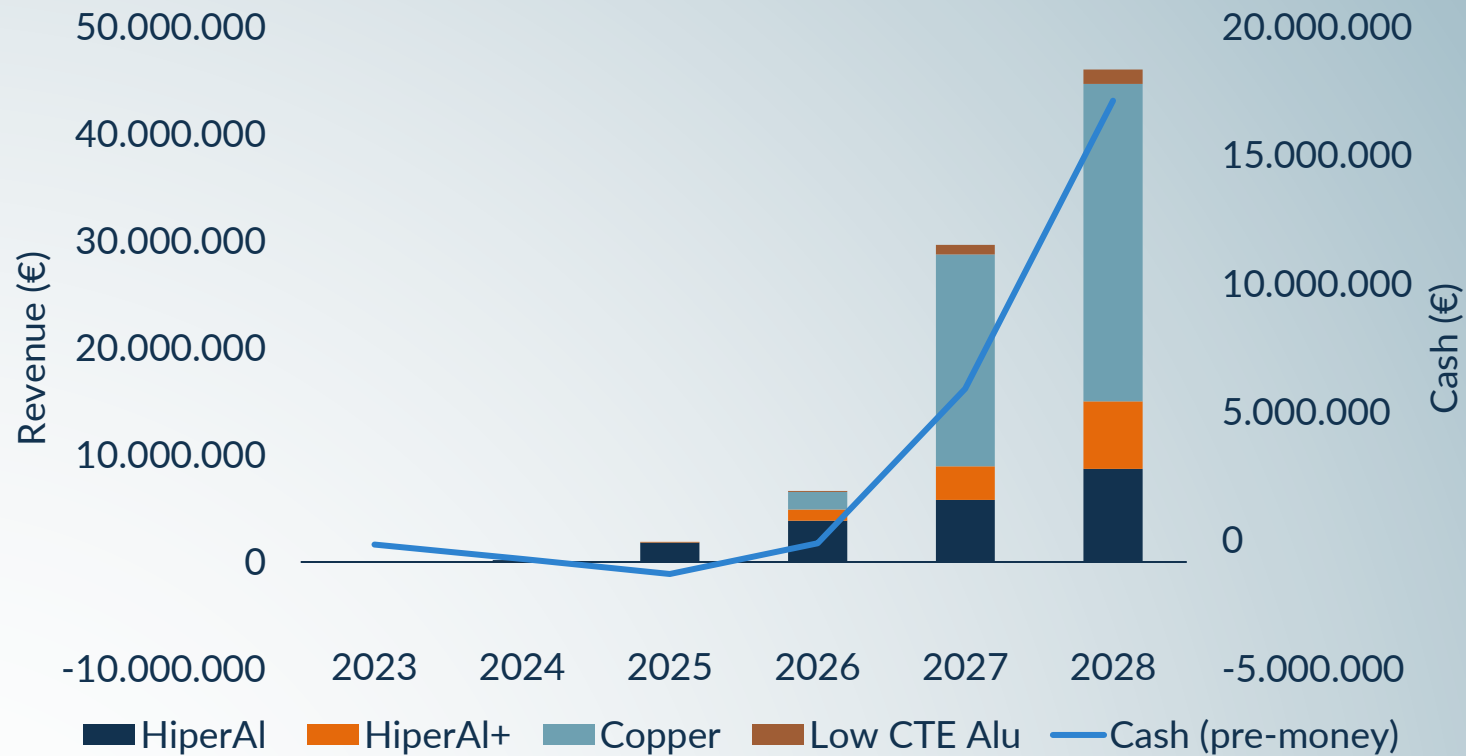


600 m<sup>2</sup> facility with  
possibility to install 5  
production units and 25  
people



# 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)



Copper



Other aluminum

# 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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### Phone Number

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### Social Media



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

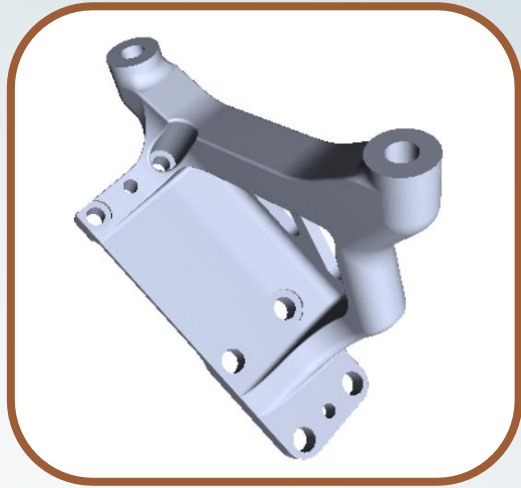




# HiperAL – Use case

Break support for electric motor bike – Automotive application

Pint<sup>★</sup>



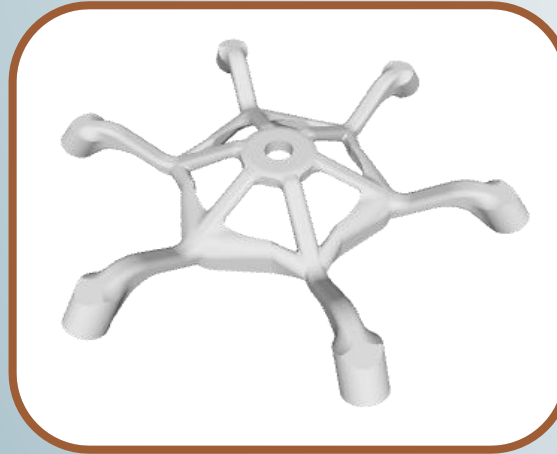
More than 50% weight  
reduction

Sustain high load

Mechanical properties  
at high temperature

# HiperAL – Use case

Lunar rover part – Space application



More than 30% weight reduction

50% less materials

Mechanical properties on a large range of temperature