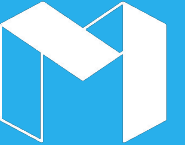


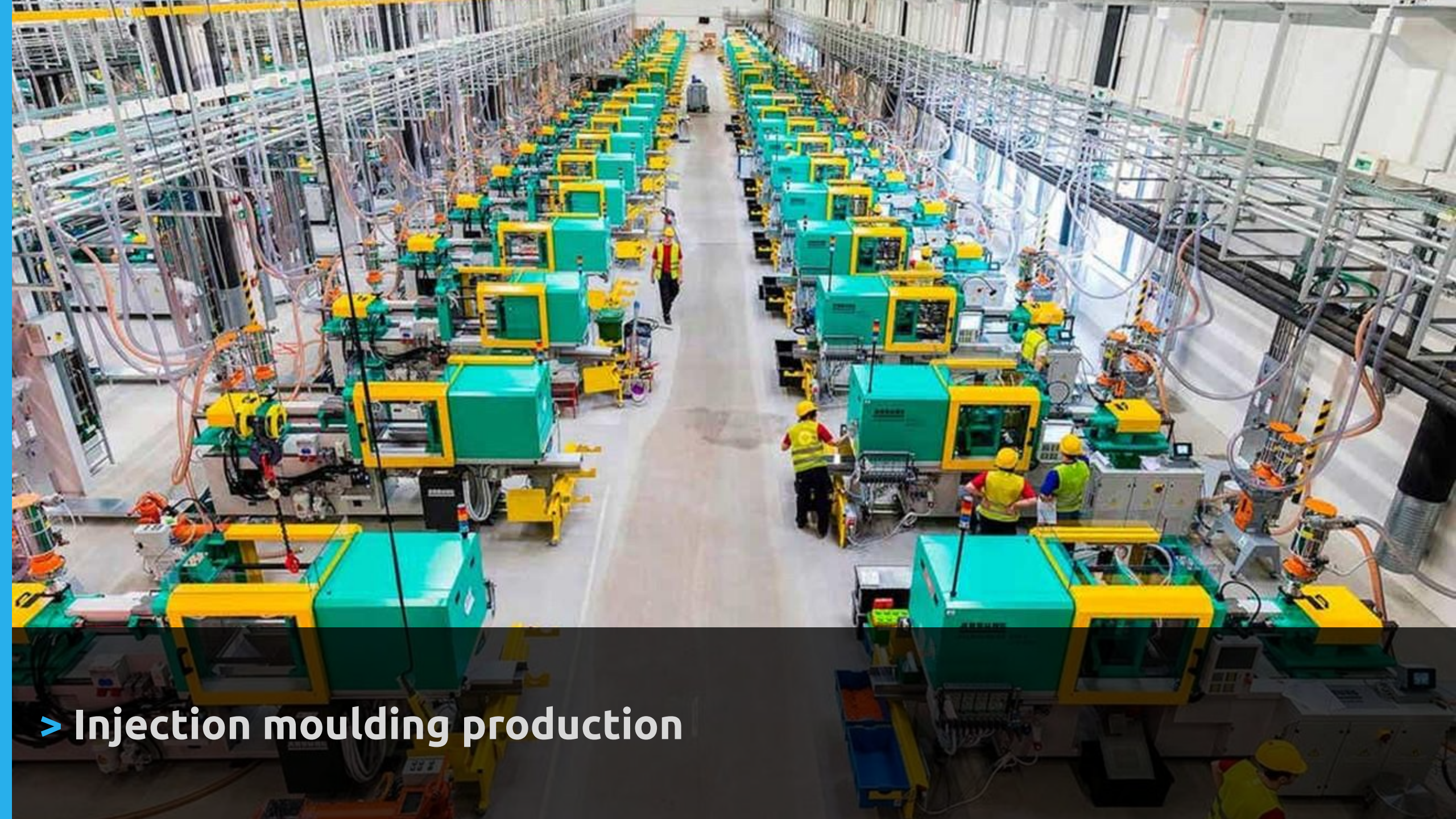
MaCh3D
[**R**] Evolution in Material Testing

Matteo Vettori, CEO

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MaCh3D *contributes for a safer world,
starting from materials safety,
by enabling materials digitalization directly where
materials are transformed.*



> Injection moulding production



> Additive Manufacturing facility

What do they have in common?

**RAW
MATERIAL**



**FINAL
PRODUCT**

single-step process

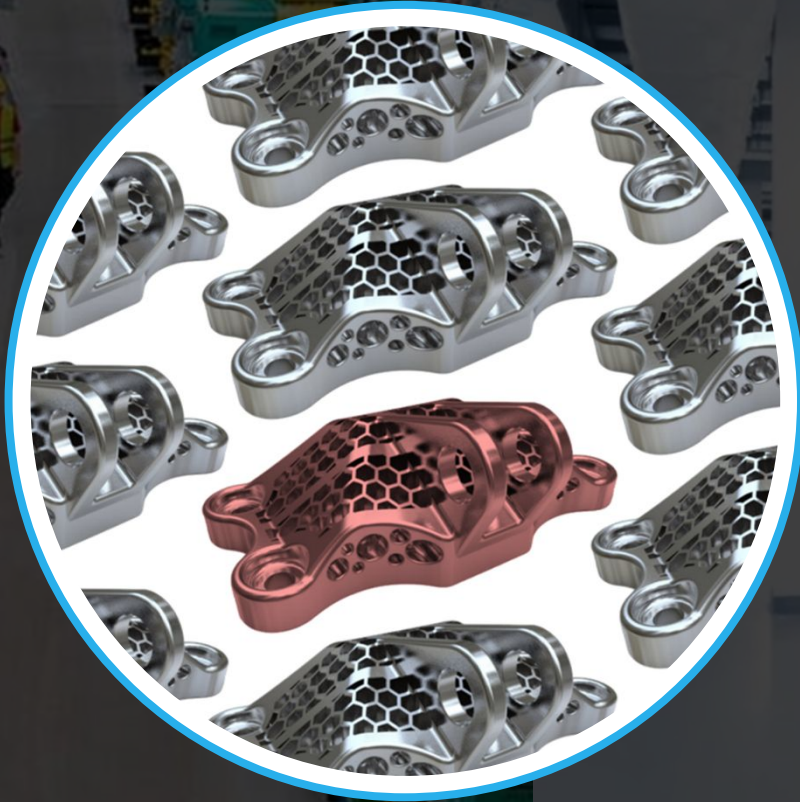
- materials and products are made at the same time -

What do they have in common?



No Material Testing systems available

MATERIAL TESTING is key to **detect anomalies**

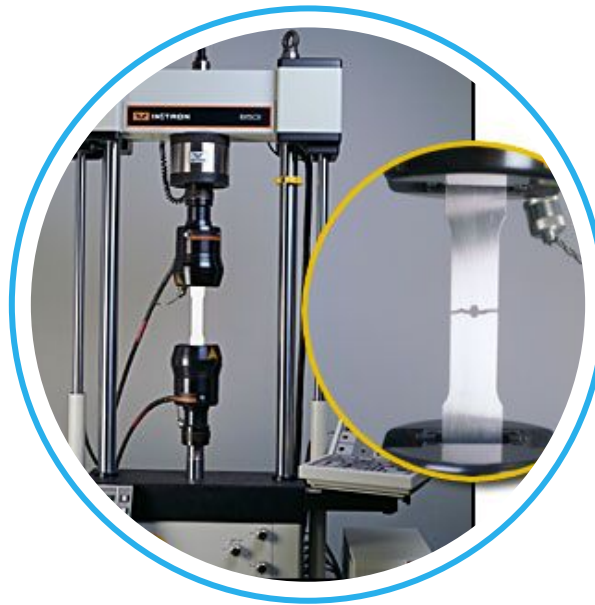


from **Laboratories** 👍 to **Production floors**

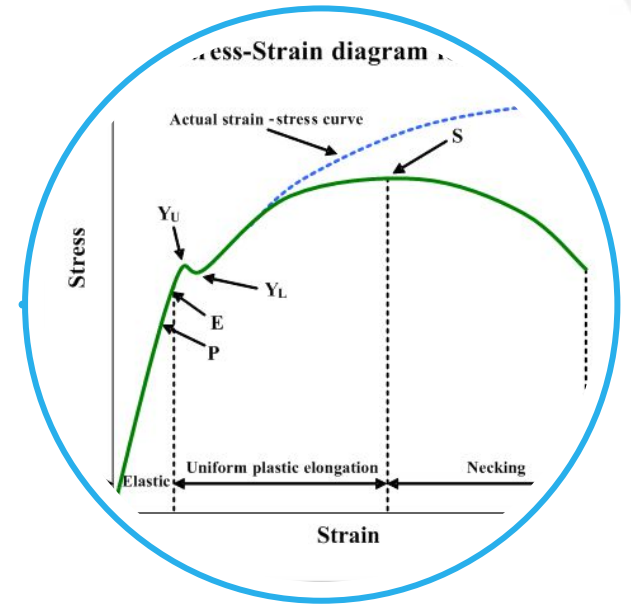
Material Testing



Specimens



Complex machines



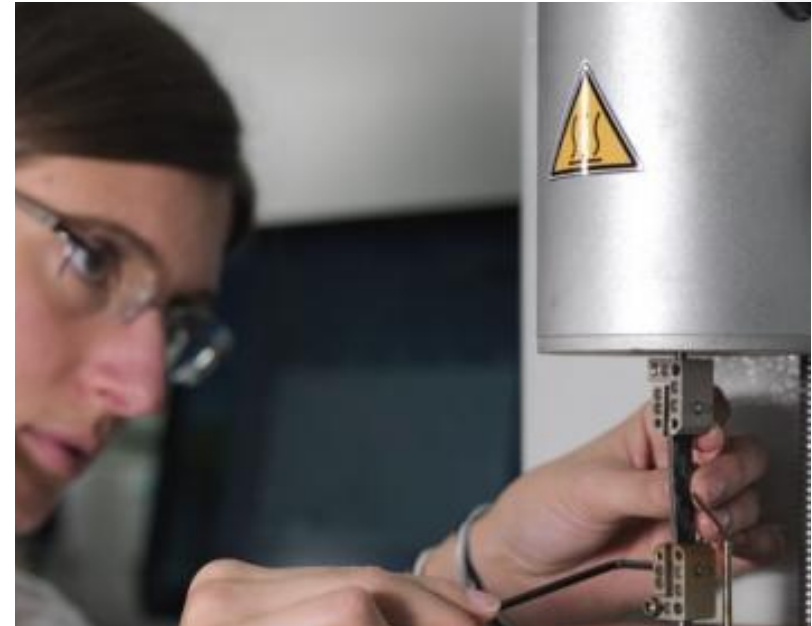
Curves to be interpreted

Material Testing | TODAY



OUTSOURCING

- Recurring costs
- Long time for response



IN-HOUSE

- High investment for ...
- Machines
- Laboratories
- Qualified personnel

Problem

Traditional Material Testing solutions ...

COSTS



COMPLEXITY



TIMINGS



... are **NOT ACCESSIBLE** for **SMEs**

... are **NOT READY** for Industrial Productions !

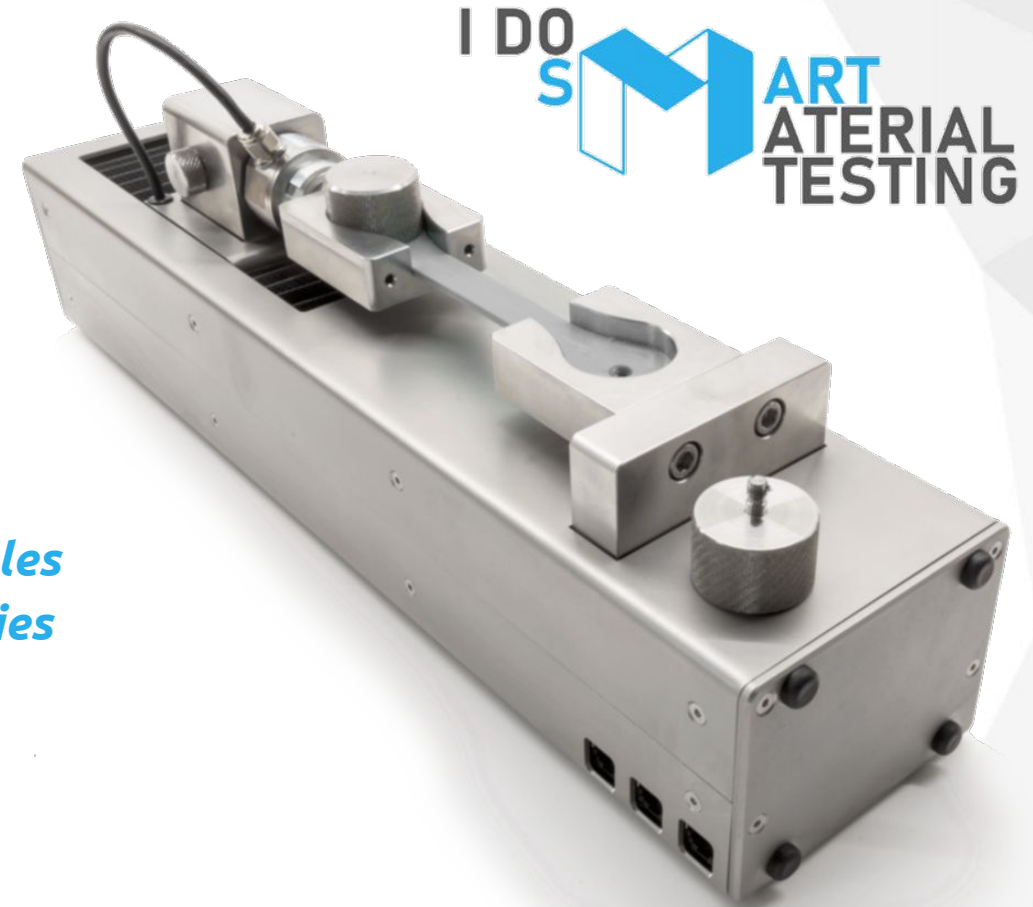
Value Proposition

MaCh3D

Smart Material Testing Platform

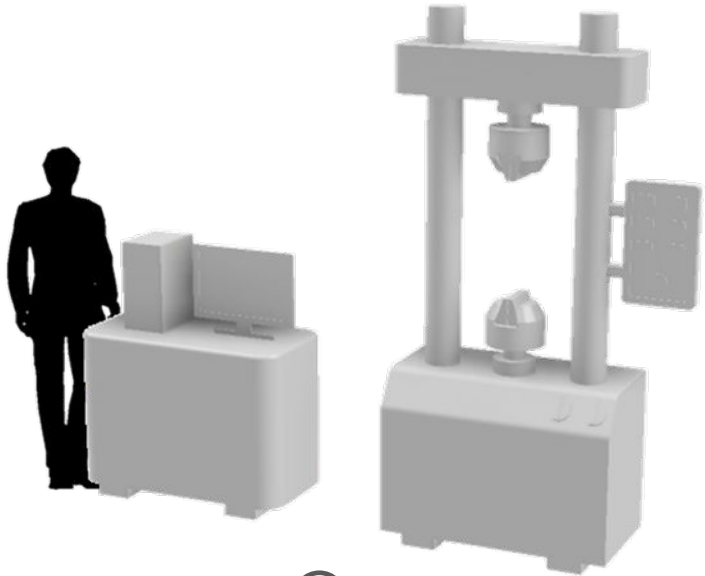
*designed those transforming raw materials into final products and/or developing new materials, **MaCh3D enables material's testing and digitalization, outside laboratories directly at production site, allowing in-time decisions.***

thanks its 3 magic features ...



Competitive Advantage

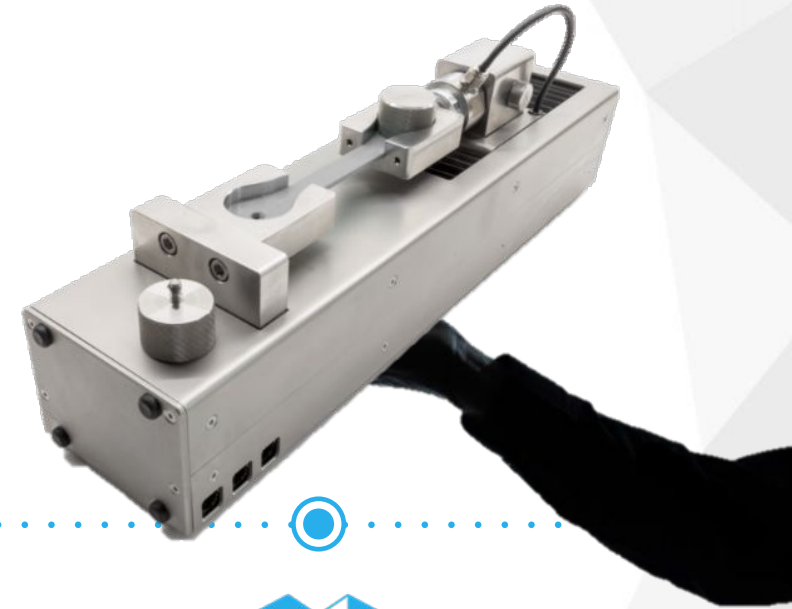
SIZE MATTER!



Double-column
stand-alone



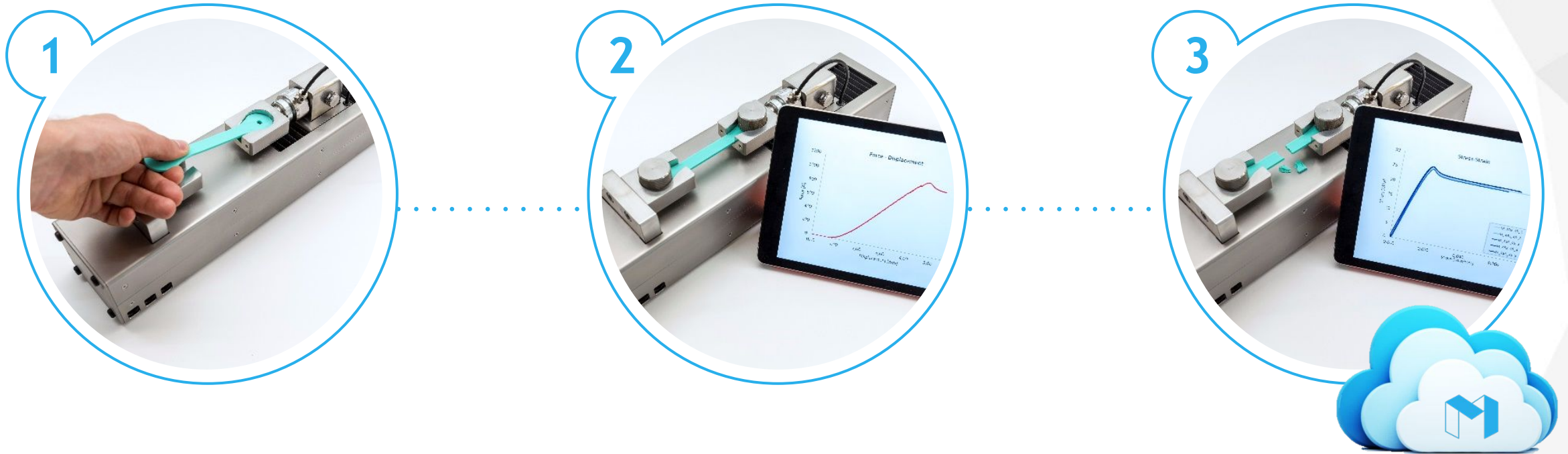
Single-column
desktop



No need for a Lab neither specific space

Competitive Advantage

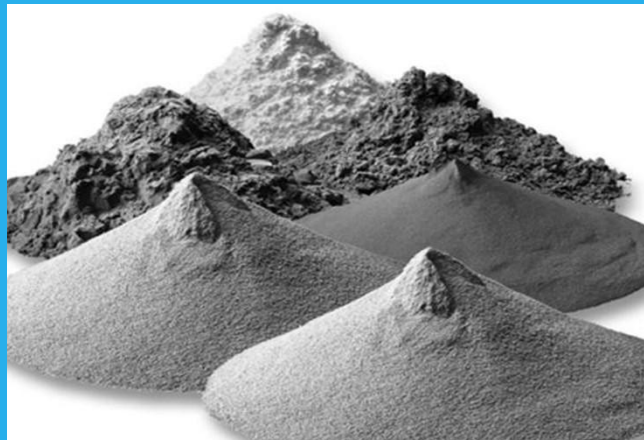
EASIER, SAFER, FASTER ...BUT ACCURATE



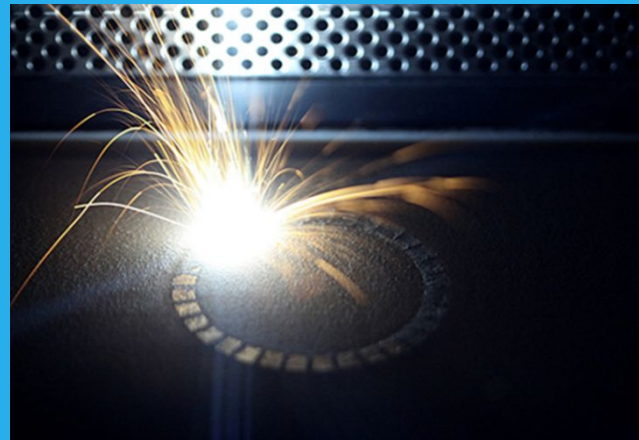
Results available in **minutes** ^{vs} days or weeks

Competitive Advantage

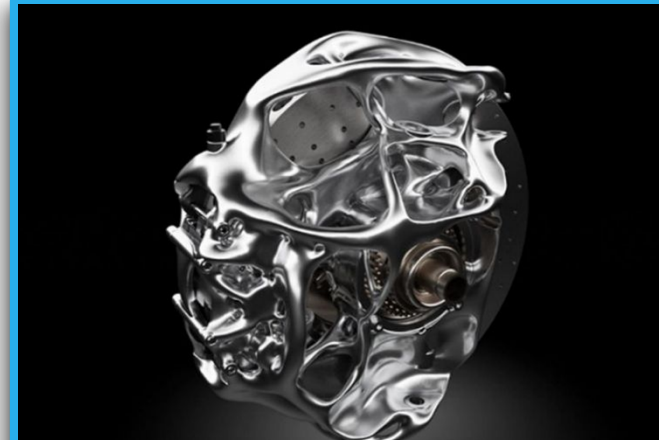
CLOUD SUPERPOWERS !



Materials Intelligence



AI Process Setup & Control



Optimized Design

Team



Matteo VETTORI

CEO

Mechanical engineer
Ph.D. in **Composite Materials**
testing and characterization

Formerly **founder** @ e-FEM srl



Lorenzo BERGONZI

CTO

Mechanical engineer
Ph.D. in **Additive Manufacturing**
Testing



Nicola Sulsentì
Application engineer



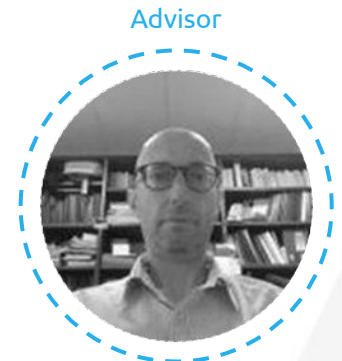
Luna Catellani
Marketing & PR



**Sales & Application
Engineer**



Alfredo MAGLIONE
OPTOI group CEO
Board member



Prof. Alessandro PIRONDI
Associate Professor @ University of Parma
Scientific Advisor

**Test
devices**

ONE-OFF

Cloud

SUBSCRIPTION

Ai

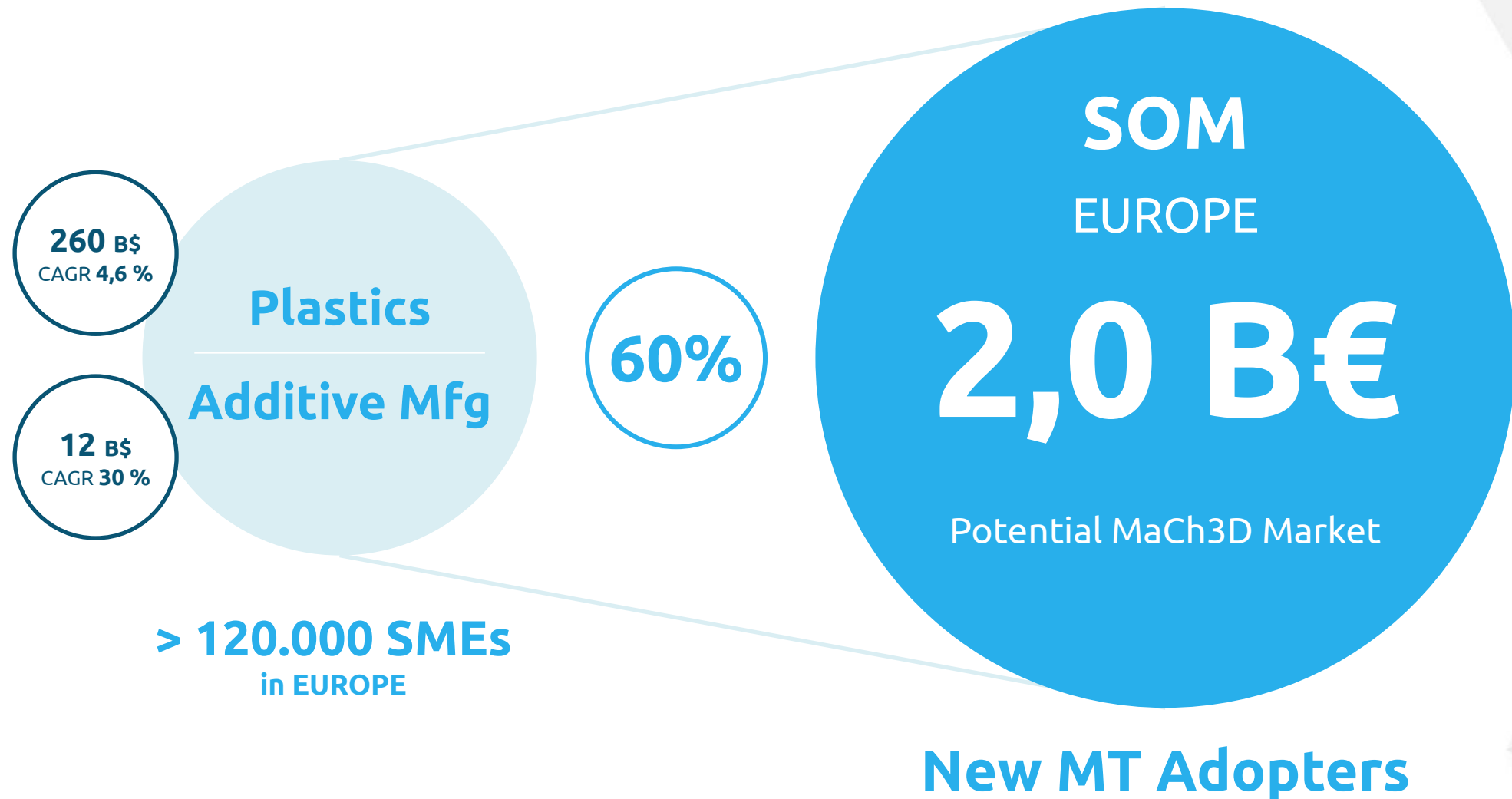
Process Control
Process Optimization
Virtual Instrumentation

PAY-PER-USE

Data

PAY-PER-DATA

Business opportunity | INITIAL TARGET MARKETS



Use Cases

Materials control



EXACTAFORMA



Research



Products control



SENS-IN

Education



Processes qualification



S4 Technology

Felfil

Engineering



Roadmap

Materials control



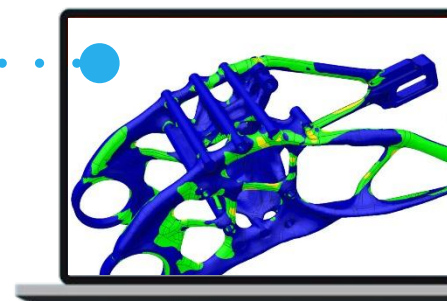
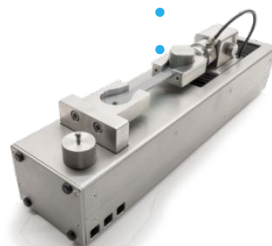
Products control



Process control



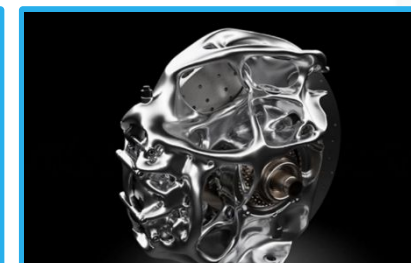
Research & Education



Process Setup & Control



Materials Intelligence



Optimal Design

2025

2026

2027

Team
Go-to-market

ITALY + EU / Direct

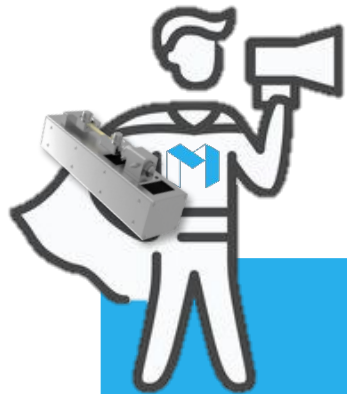
Cloud release
Market consolidation

ITALY + EU / Distribution

AI services & Tools
New markets - New models

AMERICA + INDIA

Call-To-Action



Industry Ambassador s

AM, Plastic, Packaging



Commercial Partners

Italy & EU



Pre-seed

June-2026

Sales & Industrialization



MaCh3D

[R] Evolution in Material Testing



Contacts:

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Awarded

Supported by

