

# ADDITIVE MANUFACTURING

INTRODUCING THE LEADING ADDITIVE  
MANUFACTURING CENTER IN NORTHERN EUROPE

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Baltic3D.eu, LTD

Official Stratasys Reseller since 2014

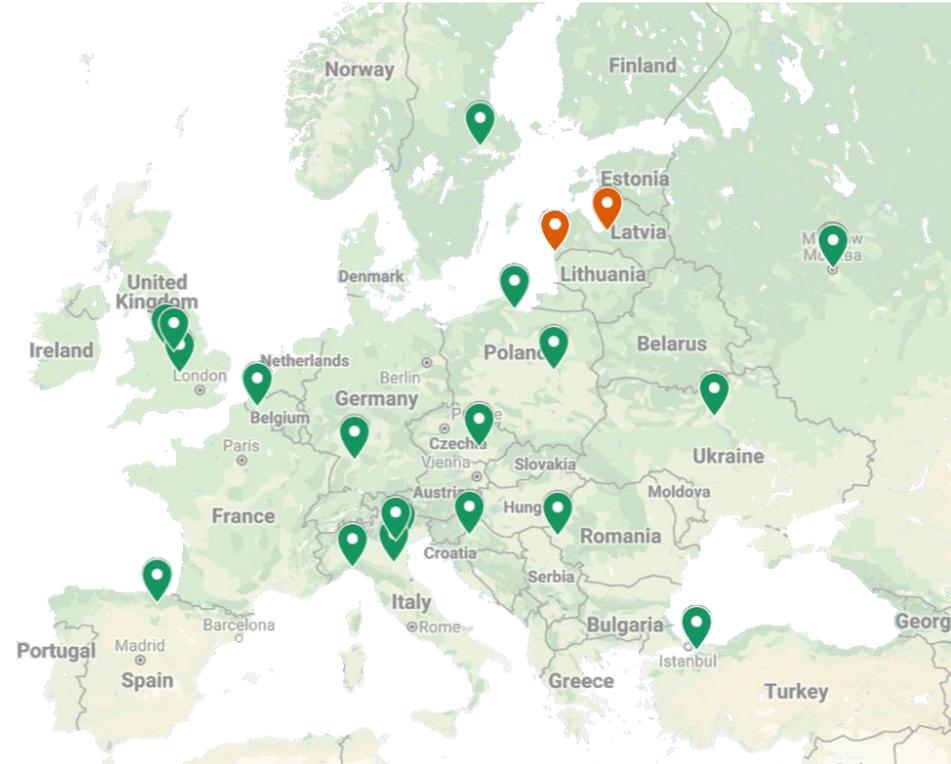
Authorized under Magnetic MRO (POA EE.21G.0001)

# EASY ACCESS TO LARGEST AM NETWORK IN EU

Largest industrial industrial 3D printing service provider in Northern Europe with 15 industrial additive manufacturing machines

## Our footprint in AM

- Partnership with Magnetic MRO
- Authorized under POA EE.21G.0001 - to manufacture certified plastic aircraft interior parts
- More than 250 flying end use parts produced
- Stratasys reseller for more than 5 years
- 4x Fortus 450 machines
- 4x Fortus 900 machines



# OUR OFFER

## ADDITIVE MANUFACTURING SERVICES

- Fast quoting - work directly with an engineer. Quotes within 12 hours
- Full line of Stratasys industrial FDM machines at your disposal
- Wide variety of materials
- Manufacturing file engineering services

## SERIAL MANUFACTURING

- Large series manufacturing using top of the line Fortus technology
- Flexible delivery schedules
- Manufacturing process validations to suite your needs
- Guaranteed manufacturing capacity



## 3D MODELLING

- File verification and repair
- File optimization for part quality and faster manufacturing process
- Designs for FDM specific manufacturing to bring AM benefits to your parts
- Designs for tools, Jigs and Fixtures

## TRAINING & CONSULTATIONS

- Skilled and experienced team of engineers
- Training for advanced FDM applications
- Pilot projects with training and prototyping of your parts
- Strategy for integration of AM

# APPLICATIONS IN METALWORKING

## Sand Casting

- Production of matchplates or split patterns
- Low to mid-volume production / prototyping (5,000+ castings)

## Investment Casting

- Producing replacements for traditional patterns
- Short project lead times
- Fine, but not delicate, features

## Production parts

- Replacing aluminum and stainless steel components
- Lightweight structures and added functionality



# CLIENT BASE

## Lufthansa Technik

- End use parts for custom projects
- Material flammability testing coupons

## Magnetic MRO

- End use parts for retrofit and end-of-production parts
- Fast turnaround for missing components

## SAS

- Parts to support new FAA regulation for lavatories
- Faster / cheaper / functional alternative to injection molding

## SCANDICAST

- Iron casting prototypes
- Sand casting mold inserts and components

Parts produced **on-demand** with **custom** approach



# SERIAL MANUFACTURING WITH AM

## OUR approach

- Volume, delivery time and geometry analysis
- Economic calculation, supply chain improvements and comparison over status quo
- Decision based on **design complexity, increased functionality and material properties**

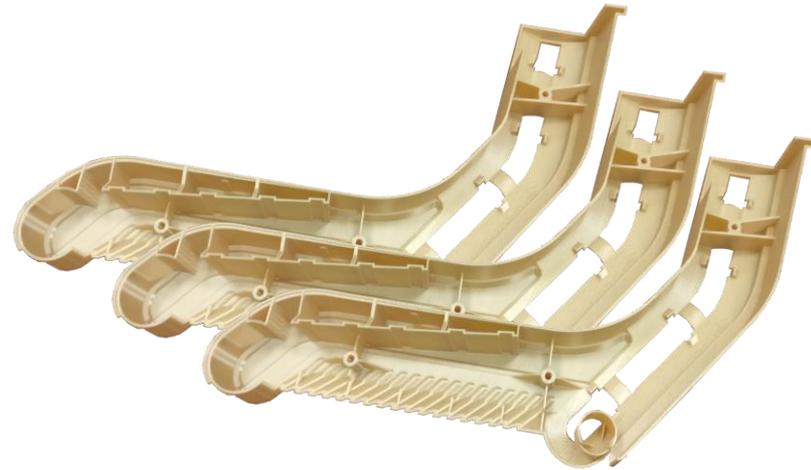
## Design for FDM Technology

- Prototyping on industrial tech and end use materials
- Parts made for manufacturing with AM
- Designs for certain material properties

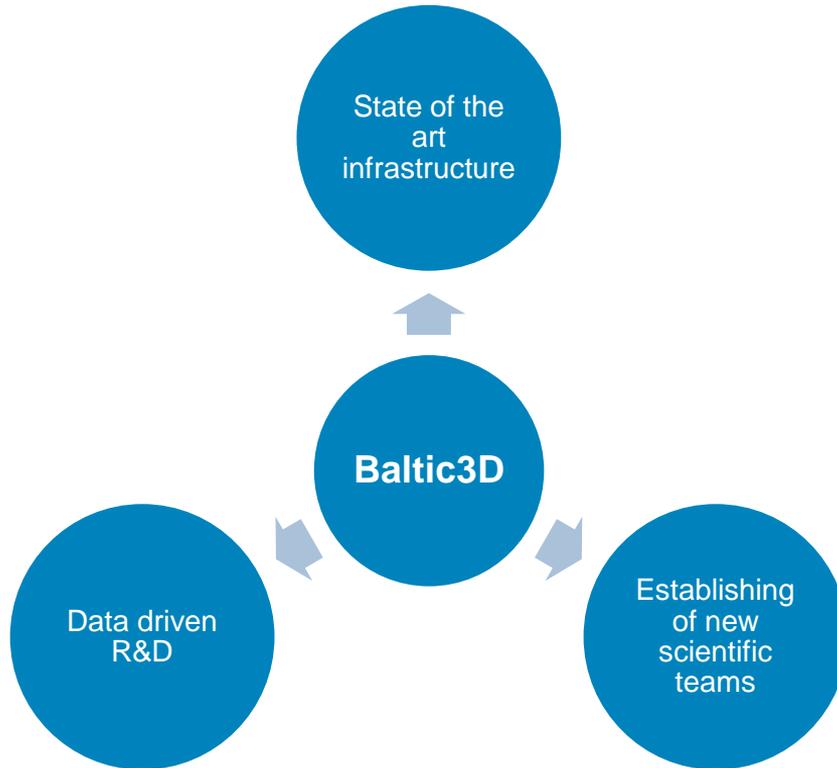
## Including AM in your operation

- Establish partnership with AM service provider experienced in high performance part manufacturing
- Lock down your design and your engineering IP
- Receive effective advanced AM training

**Large series production and prototyping with end use materials**



# STRONG LATVIAN GOVERNMENT SUPPORT



## Baltic3D Investments in Additive Manufacturing

- 2.5 mEUR to build new manufacturing center
- 1.1 mEUR to develop new AM applications for aerospace
- 0.5 mEUR to spend on collaborative data pooling for AM

**TOTAL: 4.1 mEUR**  
**Government: 1.9 m EUR**  
Time period: 2 years

# BALTIC3D – ADDITIVE MANUFACTURING FOR YOU

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