

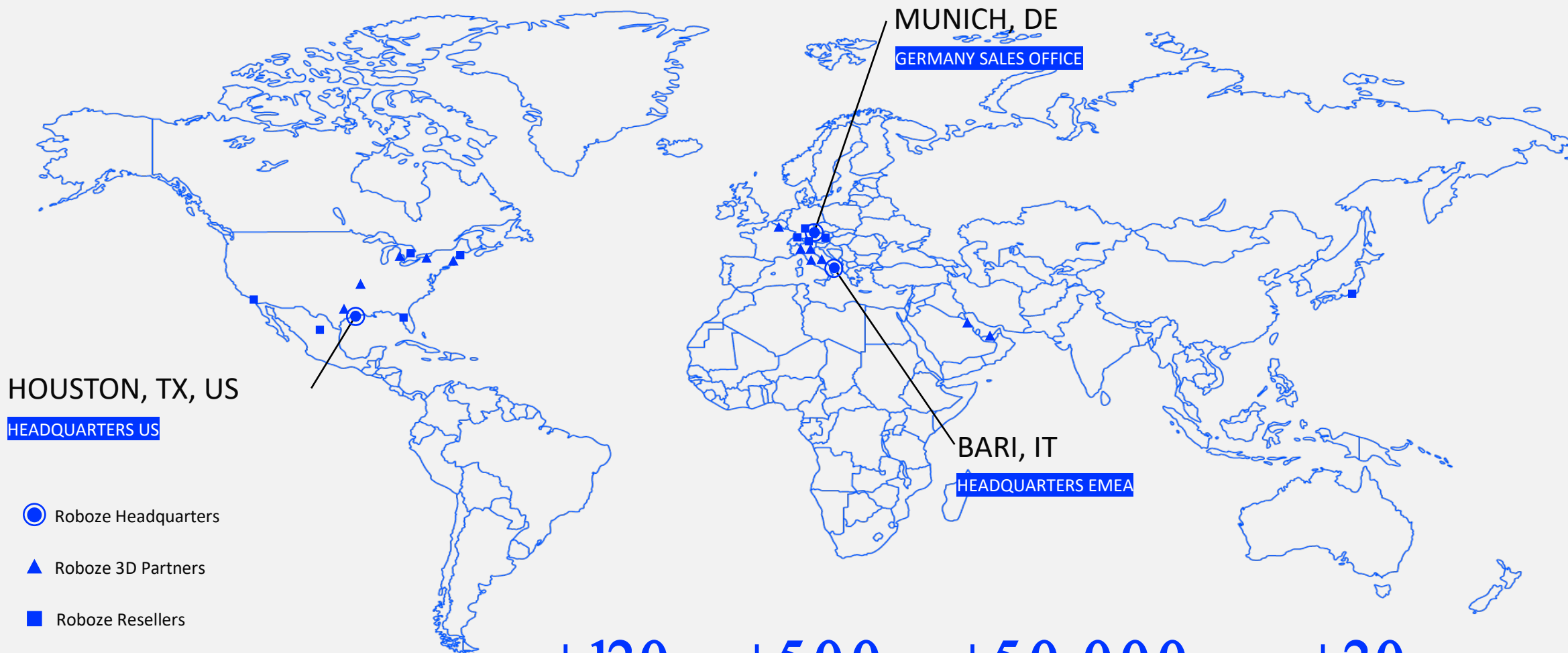
The Future of Sustainable Plastics

Alessio Lorusso - Roboze Founder & CEO



Roboze

Roboze Footprint



+120

EMPLOYEES
WORLDWIDE

+500

PRINTERS
INSTALLED

+50.000

PRINTED PARTS
IN THE WORLD

+20

3D PARTS AND
RESELLERS

PrintStrongLikeMetal

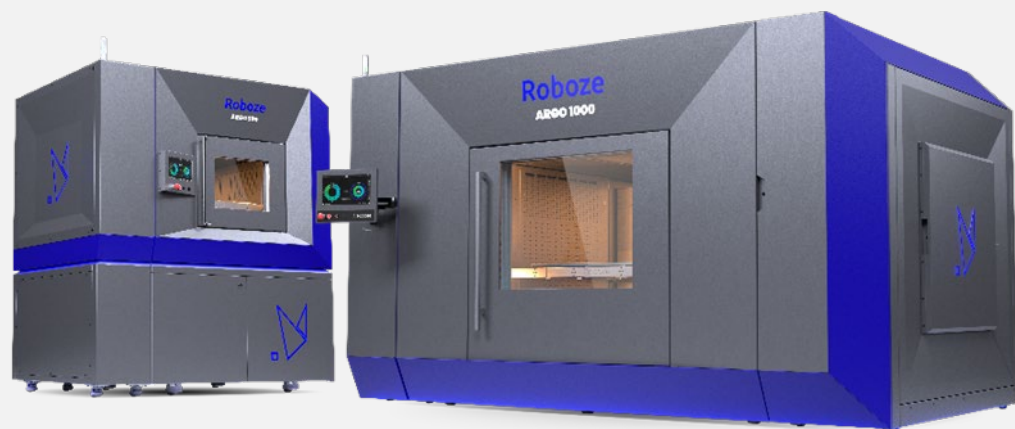
The most precise 3D printers for the most performing super materials

Roboze Business Vision



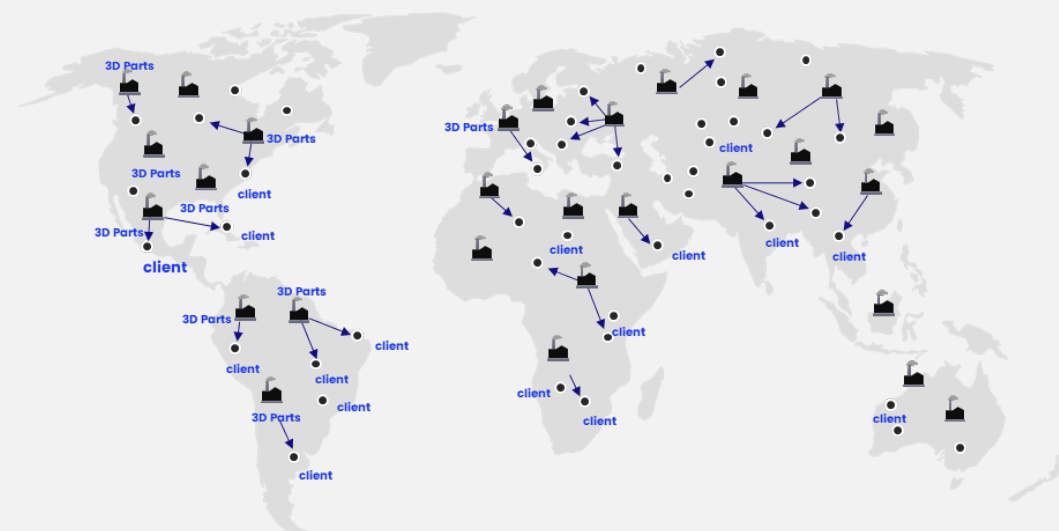
Roboze 3D Printers

Industrialize production



Roboze 3D Parts

Receive parts on demand



PrintStrongLikeMetal



ELECTRICAL MOBILITY

Bosch uses several Roboze 3DPrinters to print a variety of parts, including complex HV (High Voltage) connectors for electric vehicles

>70% costs saving

20,000 coupling and uncoupling cycles per year



AVIATION

Leonardo Aerostructures, leading Italian aerospace company, uses Roboze technology to print metal replacement moulds for carbon fiber hand lay up process.

60% weight reduction

>60% costs saving



MOTOR SPORT

Ducati Corse uses several Roboze 3DPrinters and super polymers to print durable and strong end use parts on track

97% reduction of time from design to validated functional part



MEDICAL COMPANY

MEDICAL DEVICES

Application: Prothesis Part

-70% number of parts

>87% costs saving (compared to previous method)



Production paradigm that also thinks about the environment

Roboze Distributed Manufacturing



Huge Carbon Footprint

The iron and steel industry accounts +25% of global CO₂ emissions.
China holds +50% of the global metal production.

Obsolete Mass Production

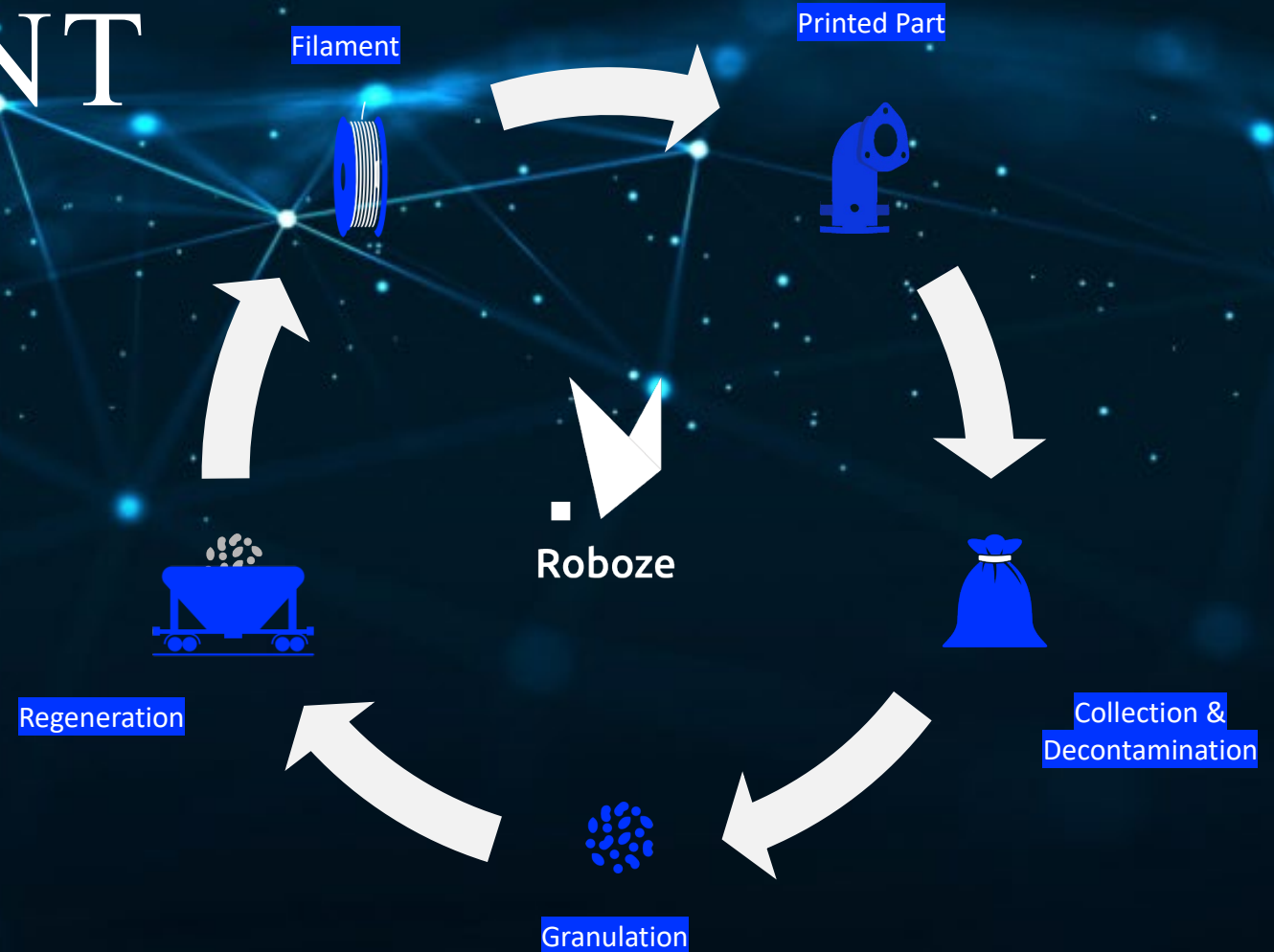
Mass production generates shortage of some products and over-production of other products, stored in warehouses for years before being used.

Delocalized Supply chain

Covid 19 showed how fragile the current delocalized manufacturing is. During Covid-19, 97% of US companies reported problems.

METAL REPLACEMENT BENEFITS

- Lightweight
- Chemical and corrosion resistant
- Low friction coefficient
- Electrical insulation
- Increased Product Life
- Reuse of Plastics

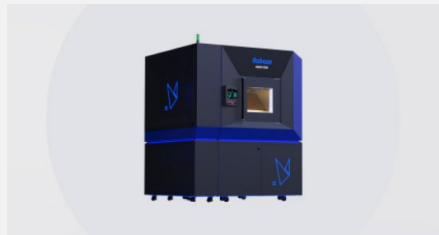


Roboze Commitment

Sustainability of 3D Printing

- - 41% air cargo
 - - 37% ocean container
 - - 25% trucking freight
- 67%÷71% greenhouse gas emissions by using recycled plastic resins

Bioplastics are key component to bringing the plastics into the **circular economy**



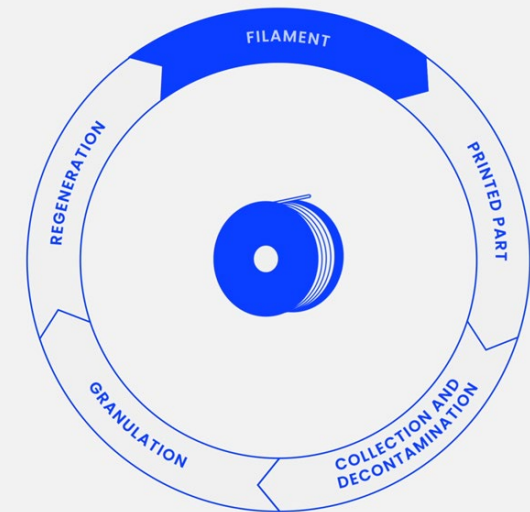
Sustainability of Metal Replacement

Rare earths have environmental impacts (acidification, solid waste generation, gross primary energy footprint, toxicity)

Polymers have **up to 600% of longer lifespan** due to improved **corrosion resistance**



Sustainability of Material Recycling



Keep in touch

BARI, IT

HEADQUARTERS EMEA

Roboze S.P.A.

Via Vincenzo Aulisio 31/33
70124 Bari-Italy
roboze.com

[\(+39\) 080 505 7559](tel:+390805057559)

HOUSTON, TX, US

HEADQUARTERS US

Roboze Inc

7934 Green Drive
77064 Houston, TX, Stati Uniti

[\(+1\) 346 229 5675](tel:+13462295675)



Roboze