



Reliable and competitive personalised foot orthotics for everyone

www.medere.it

info.@medere.it

Problem & Market Need

**Foot related pain:
35% of global adult population**



Limited accessibility

Complex production

Long production time

Based on standard models

Lots of waste material

Expensive products

Our Solution

**PATENT
PENDING**

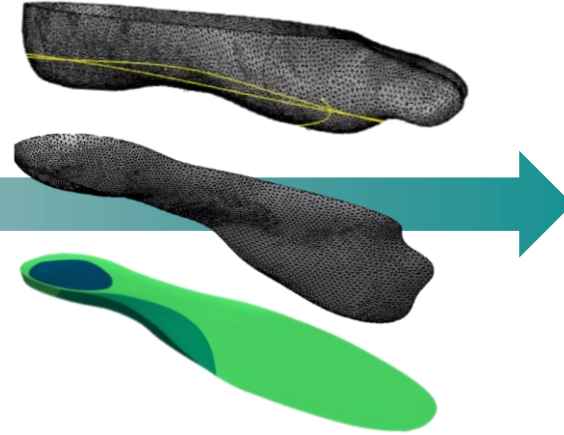
Mobile app acquisition



3D reconstruction



Parametric modelling



3D printing



Accessible hassle free



High accuracy and
Customisability



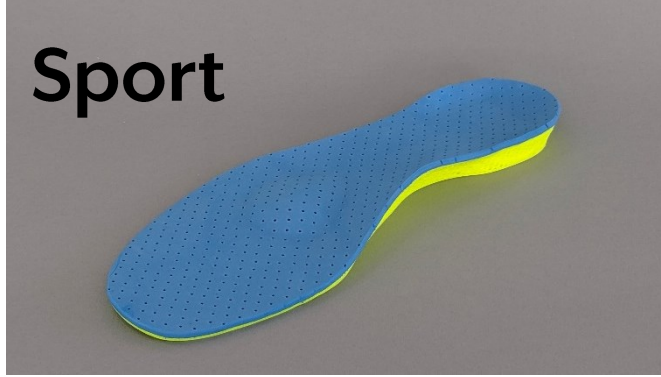
Reduced price

Medere insoles

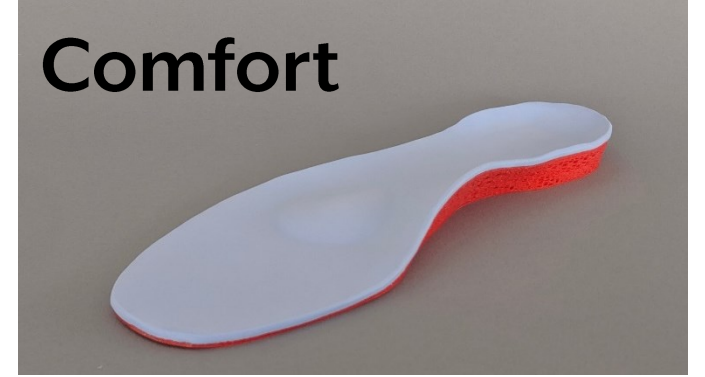
Basic



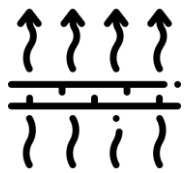
Sport



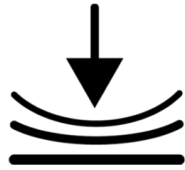
Comfort



Main features:



Breathable



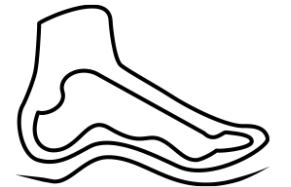
Elastic response



Customised features









Shock absorbing



Tailored arch
and
heel cup support

Competitors & Competitive Advantages

								
								
✓		✓		✓		✓		Patient-specific solution
✓		✓		✗		✓		3D real foot reconstruction
✗		✗		✓		✓		Low production cost
✗		✗		✓		✓		Remote data acquiring
✗		✓		✗		✓		Customisability

Market & Costumers

Foot orthotics TAM – 3.3 \$ Bn

Foot orthotics TAM CAGR 5.7%

3D Printed foot orthotics TAM CAGR 30.4%

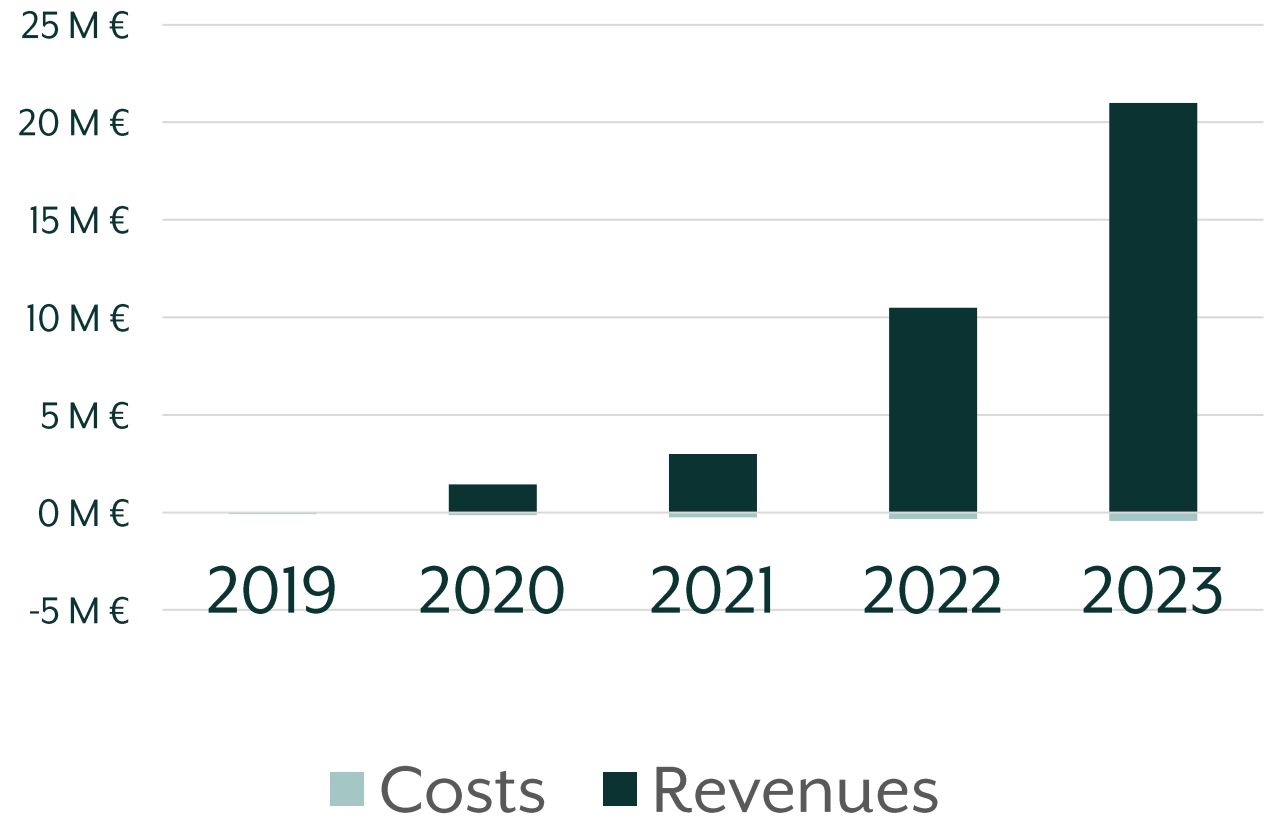


■ Medical ■ Sport ■ Comfort

100€ VS \$ 700

Our Strategy

- Initial B2C model
- Pivot to B2B2C model
- Licensing deal
- Lower costs for companies
- Better service for customers



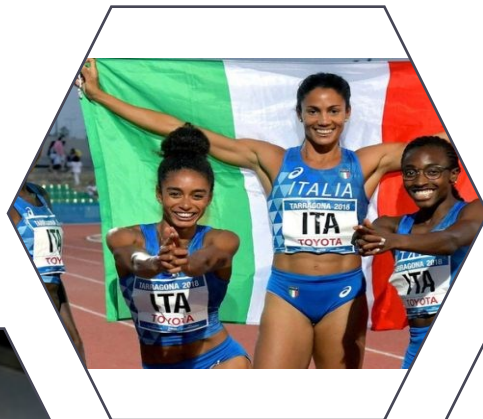
Profitability indicators	2020	2021	2022
ROI	52%	126%	93%
ROE	76.3%	95.4%	68.1%

Achievements and KPI

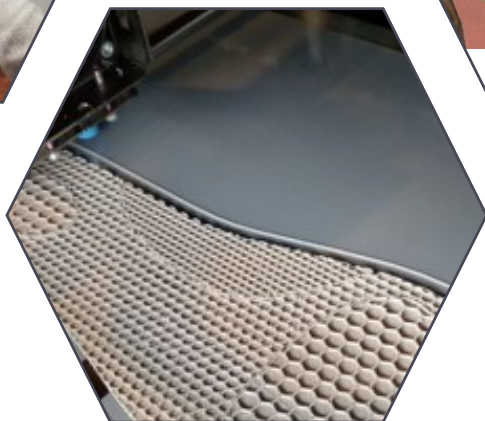
5 industrial partners
6 scientific partners



2 testimonials from
the Italian Army Team



200 pre-orders at
(Maker Faire 2019)



3 production lines



Mobile App &
E-commerce



€ 30K founders
Over € 100K grants

Team



Raffaele Ferrante, Co-founder & CEO

PhD candidate in Computer Science and Control

4+ years grants application experience

4+ years management experience

1 patent application



Marco Mannisi, Co-founder & CPO

PhD in Health and Life Sciences

5+ years research experience

4+ years CAD and 3D print experience

1 patent application



Daniele Bianchi, Co-founder & CTO

PhD in Structural Engineering and Mechanics of Materials

4+ years research experience

4+ years computer simulation experience

1 patent application

Advisors



Professor James Woodburn

Assistant Vice Principal

Professor in Rehabilitation

8+M€ Raised



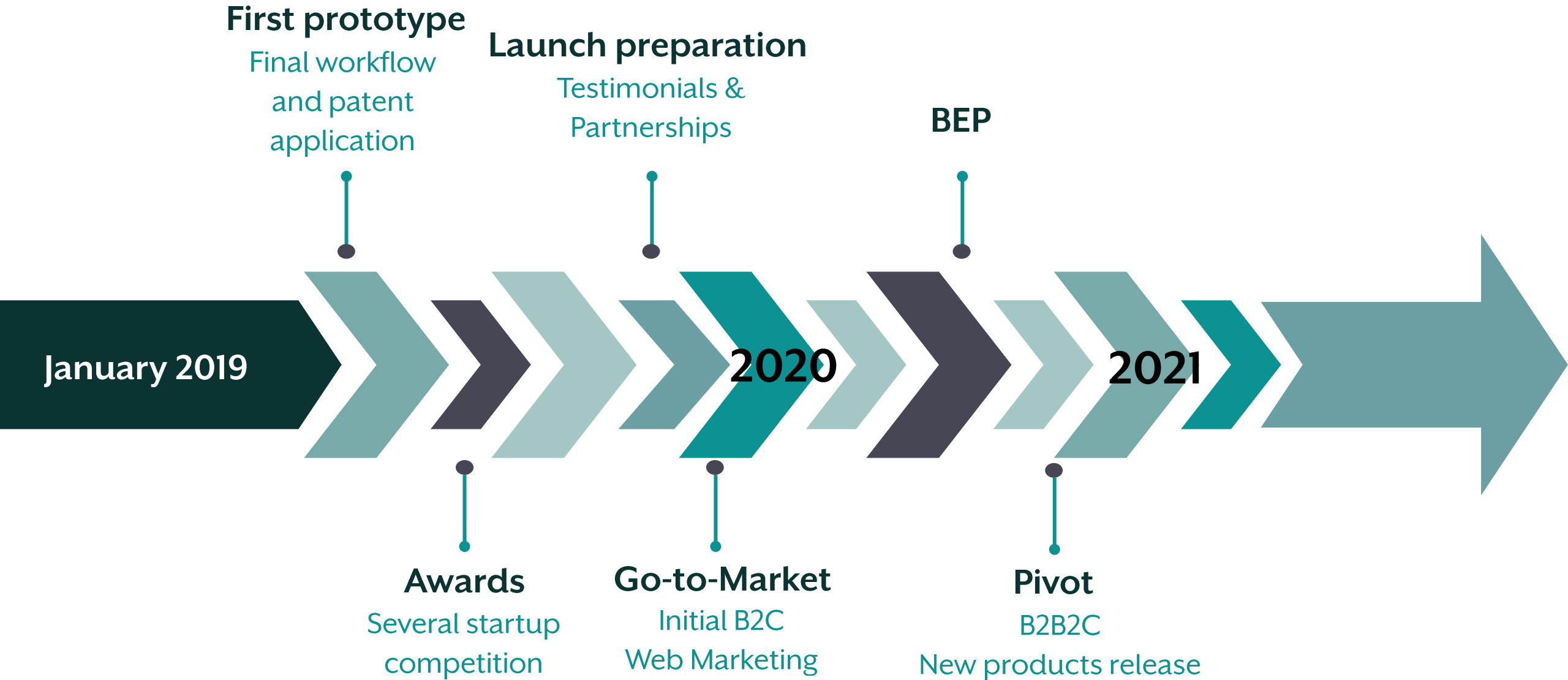
Doctor Carlo Pagliaricci

Associate Medical Director in Sport Medicine

Medical Officer of the Italian Army

Medical Doctor of Olympic Army Team

Road Map



Investment

30k Founders

150k Grants/Finance

+800k to keep planned growth rate to 2023



Unione europea



REGIONE
LAZIO





Low cost custom orthotics using IoT and 3D printing.

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