

# WANDERCRAFT

ORDINARY LIFE FOR EXTRAORDINARY PEOPLE

The first company to let the walking impaired walk again

*July 2021*

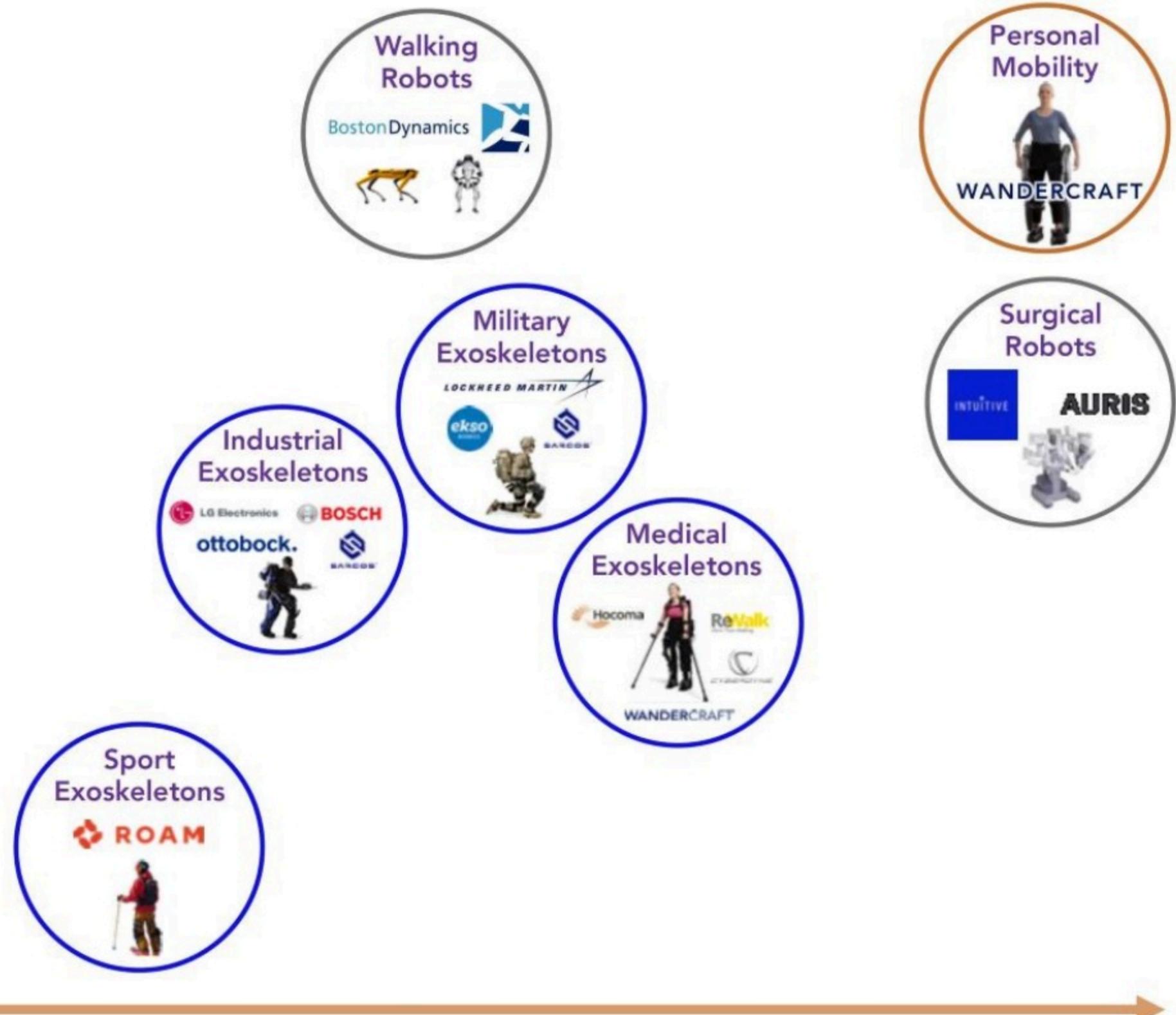
We can provide an ordinary life to 30 million persons in wheelchairs



VANDERCRAFT

# Boston-Dynamics-like tech edge on an Intuitive Surgical sized market

Technology Threshold



# Dream of urban mobility and health

## Wheelchair users face major unmet needs



**Pathologies linked to sedentariness** (cardiovascular disease, diabetes, obesity, cancer, etc.)  
→ 30% shortened life expectancy after 40 years old



**Pain related to wheelchair**  
(shoulders, back, wrists, etc.)



**Access / adaptation to surroundings**



**Socio-economic challenges**  
(unemployment, depression, etc.)



# A €50 bn market where the right product does not exist

Wandercraft is the **first and only** commercial company to master **state of the art dynamic walk robotics**

The **most advanced** exoskeleton platform: a breakthrough exoskeleton offering **mobility** to the walking impaired

## Immediate opportunity

Share of countries with reimbursement, patients immediately relevant with Wandercraft's technology

## Short term

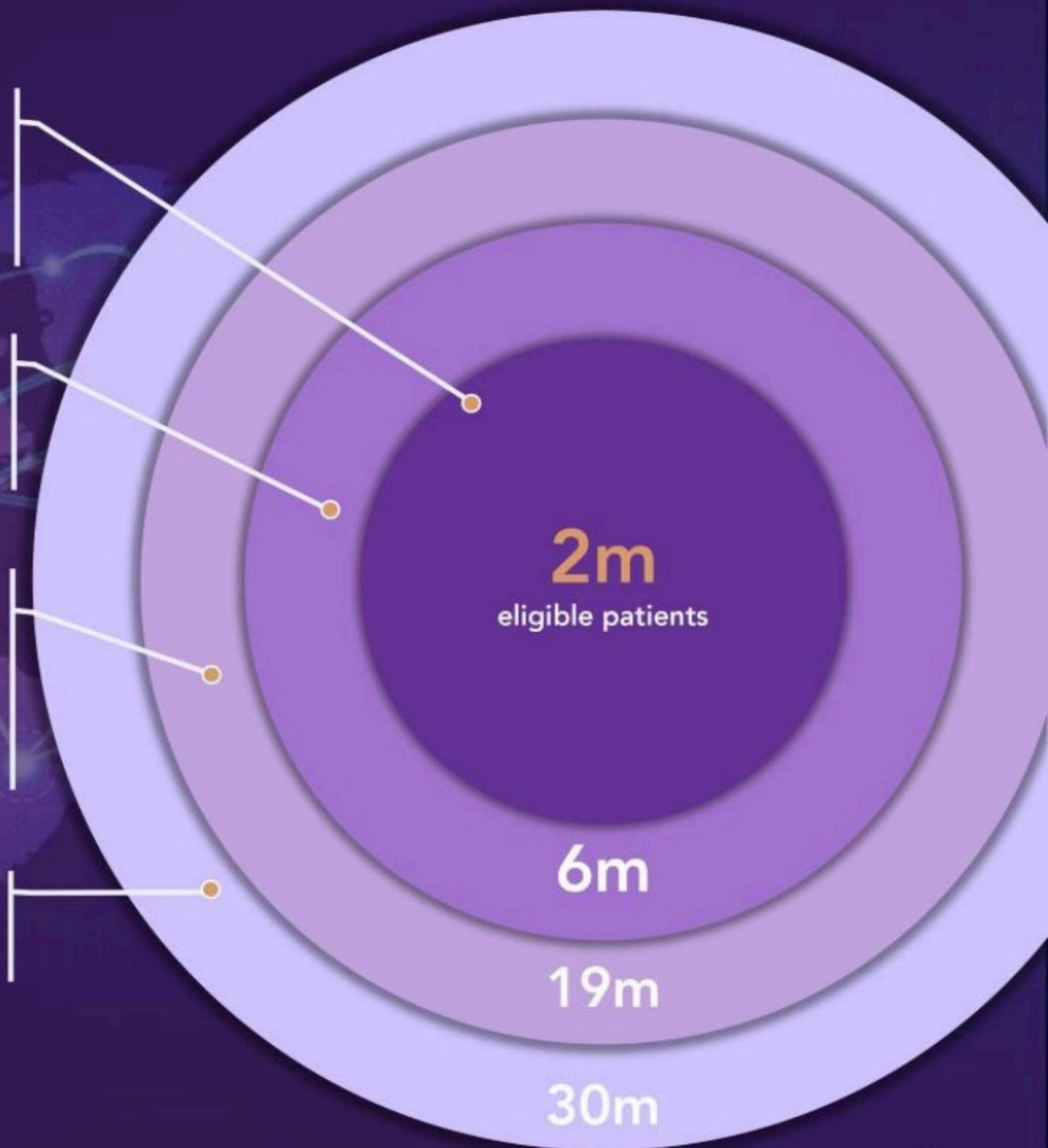
Short-term countries, share of patients relevant with Wandercraft's technology

## Medium term countries<sup>(1)</sup>

Number of walking-impaired patients with SCI (spinal cord injury), stroke, MS (multiple sclerosis), CP (cerebral palsy) and neuromuscular pathologies

## Long term

Number of wheelchair users in the world



Experienced and multidisciplinary team built to make Wandercraft's dream come true



**Matthieu Masselin**  
Co-founder & CEO



- Joined Wandercraft in 2013
- Previously worked at BCG
- Graduated from Ecole Polytechnique



**Nicolas Simon**  
Co-founder & Chairman of the board



- Co-founded Wandercraft in 2012
- Previously worked at BCG
- Graduated from Ecole Polytechnique



**Jean-Louis Constanza**  
Co-founder - Development



- Joined Wandercraft in 2012
- Previously worked as CEO of Orange Vallée and Tele2 France
- Graduated from ENSAE, Dauphine & INSEAD



**Fabien Expert**  
Technology



- Joined Wandercraft in 2014
- Previously worked at CNES
- Doctoral graduate of ISM & INSA Toulouse



**Vincent Philippon**  
Finance



- Joined Wandercraft in 2019
- Previously worked at Groupe Viron, E. Leclerc
- Graduated from Institut Vatel Paris

50 R&D PhDs and engineers  
15 clinical, regulation, quality experts  
10 production specialists  
10 customer service and success

# Unique complementary skills from Robotics to MedTech

## Software & Platform

Team of world class scientists from top universities (Polytechnique, Paris Saclay, ETH, Stanford, Caltech). First industry team to integrate dynamic walk algorithms and AI hybrid in a robot



## Medical Affairs & Sales

Complete medical team led by an MD, a physiotherapist and a former lead scientist at the FDA  
Sales team in direct contact with KOLs in hospitals and rehab centers



## Algorithm and AI

## Mechanic & Electronic

Highly specialized mechanical & electronic engineers able to design tailor-made key parts of the exoskeleton able to design all sub-systems



## Industrialisation & Supply Chain

Experts in lean manufacturing processes and industrial scale-up strategy

# Flawless execution, enabling continuous delivery of platform improvements



10k

User database with full range of human motions

1 khz

Real-time online control execution

CE

Marked in less than a year, stroke MDR extension done

FDA

Data acquired, submission H1 2022

15

Paying customers

50+

Supportive KOLs in Europe and the US

3,000+

hours walked

3+

millions steps

Atalante pioneering self-  
balance walk in rehab  
hospitals



# High barriers to entry built on deep science and industry recognition

30

International patents

100%

IP ownership

## Proprietary technological breakthrough

- First demonstrated motion stabilization algorithms implementation on exoskeletons
- Best motion generation framework in the world

WANDERCRAFT

Internationally renowned experts publishing research papers in prestigious scientific journals



Partnering with prestigious academic heavyweights in the rehabilitation and robotics ecosystem

Caltech

NJIT  
New Jersey's Science & Technology University



Shirley Ryan  
Abilitylab  
Formerly the Rehabilitation Institute of Chicago

MINES  
ParisTech

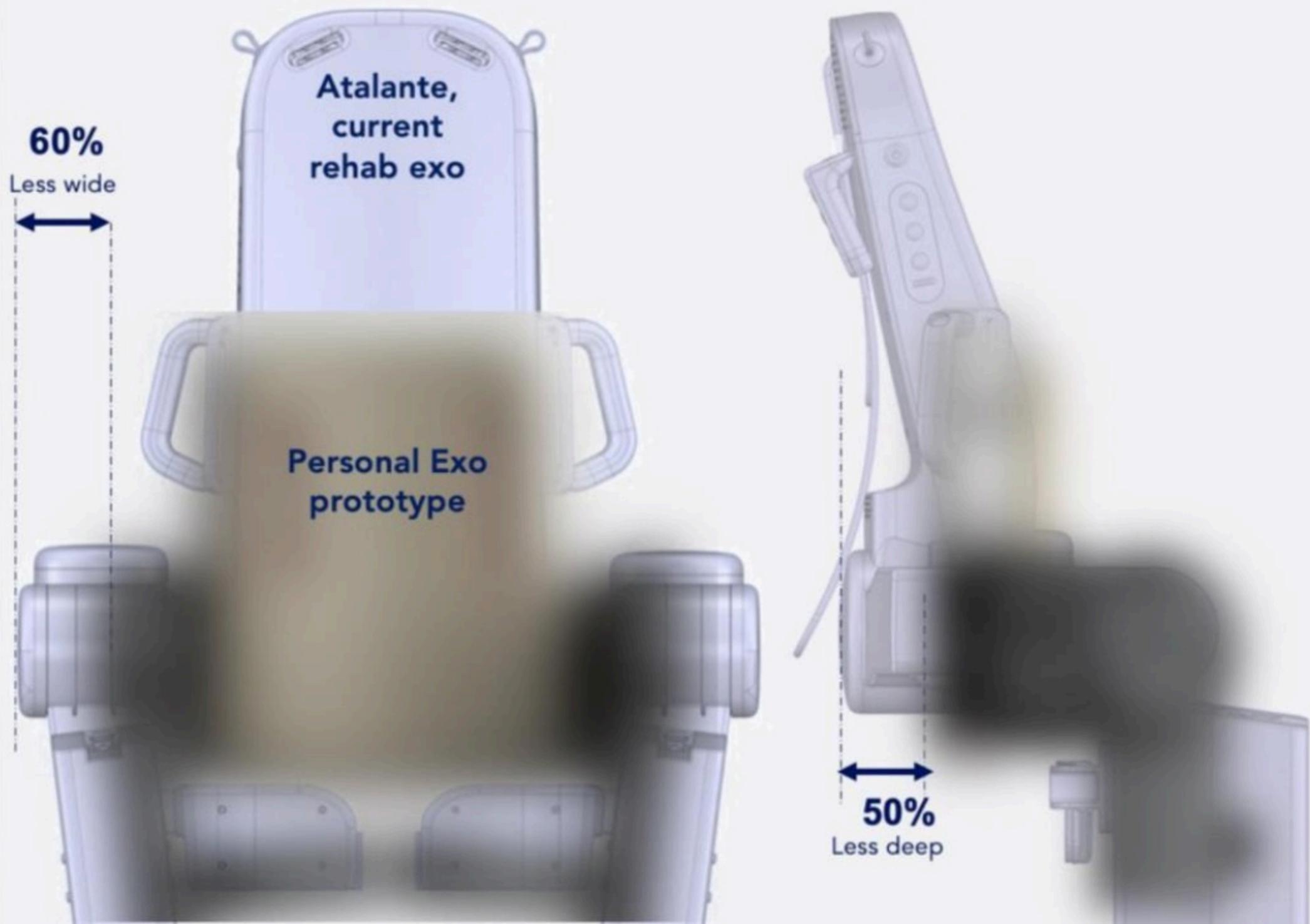
1 Duburcq A., Chevalere Y., Bredeche N., Boeris G., 2020. Online Trajectory Planning through Combined Trajectory Optimization and Function Approximation. ICRA, Paris, France.

## Personal exo designed to go and sit anywhere

Slimmer design to sit in a car, access regular bathrooms, sit in a regular seat

Design-to-cost to achieve the price of a high-end power wheelchair

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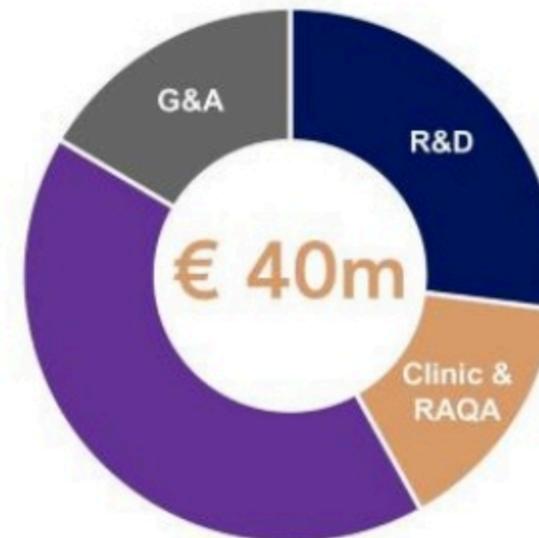


Wandercraft raising €40m to market the first usable personal exoskeleton

## Funding History



## Use of proceeds



A woman with blonde hair in a bun, wearing a maroon long-sleeved shirt and dark trousers, walks across tram tracks. To her left is a yellow and black tram with the number '01' on its front. The background features a large, ornate stone archway, likely the Arch of Gallia in Lyon, France. The scene is set on a sunny day with long shadows cast across the pavement.

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