



THE PROBLEM



Spinal cord injury thrusts 5 million people worldwide into a life challenged by disability. These people could stand up and walk again if they had a robotic exoskeleton. However, current devices require supervision and are out of patient’s reach. Thus, there is the need of an specific low-cost exoskeleton that actuates below hip level for SCI individuals in order to provide them with autonomy and personalized gait training.

 **5M** people affected globally

 **500.000** new cases / year

 **2 – 5X** premature death

 **350 k€** 1st year to **40k€** next years **SCI costs**

THE SOLUTION



ABLE is the first lightweight, easy-to-use and affordable exoskeleton for people with spinal cord injury that restores the ability to walk naturally and intuitively.

- Unique motion-based step trigger detection that allows a more natural, safe and intuitive walking.
- Helps in palliating health issues caused by sedentary lifestyle.
- Boosts patient’s self-confidence and independence.

KEY BENEFITS



Easy to use



Lightweight



Affordable: 90% cheaper than the current solutions

MILESTONES

2017 **PCT Application**

2017 **Functional Prototype**

2018 **Foundation**

2019 **Design Freeze**
(Hospital Product)

2020 – 2021 **Clinical Validation**
(Hospital Product)

2021 **CE Mark / Market Launch**
(Hospital Product)

2021 **Design Freeze**
(Homecare Product)

2023 **Profitable sales**

2023 **CE Mark / Market Launch**
(Homecare Product)

FUNDS RAISED

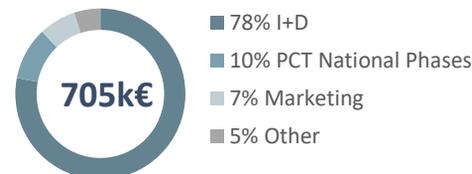
Non-dilutive funds



 **2,5M€** (9 Partners Consortium)

FUNDING GOALS

Seed round: Fully committed



KEYMETRICS

1,5M Lower SCI patients globally

1,2bn€ Market Size (EU Lower SCI)

990M€ Market Size (EU Lower SCI)

ACCELERATION PROGRAMS

 (2017)  (2018)

 (2018)  (2019)

 (2018)

 (2018)

MANAGING TEAM



Alfons Carnicero
Co-founder & CEO



Alex Garcia
Co-founder & CTO



Josep M. Font, PhD
Co-founder & CSO



PROMOTER



WITH THE SUPPORT OF

 Generalitat de Catalunya
Departament de Salut

 Agència de Qualitat i Avaluació Sanitàries de Catalunya

 Obra Social "la Caixa"