



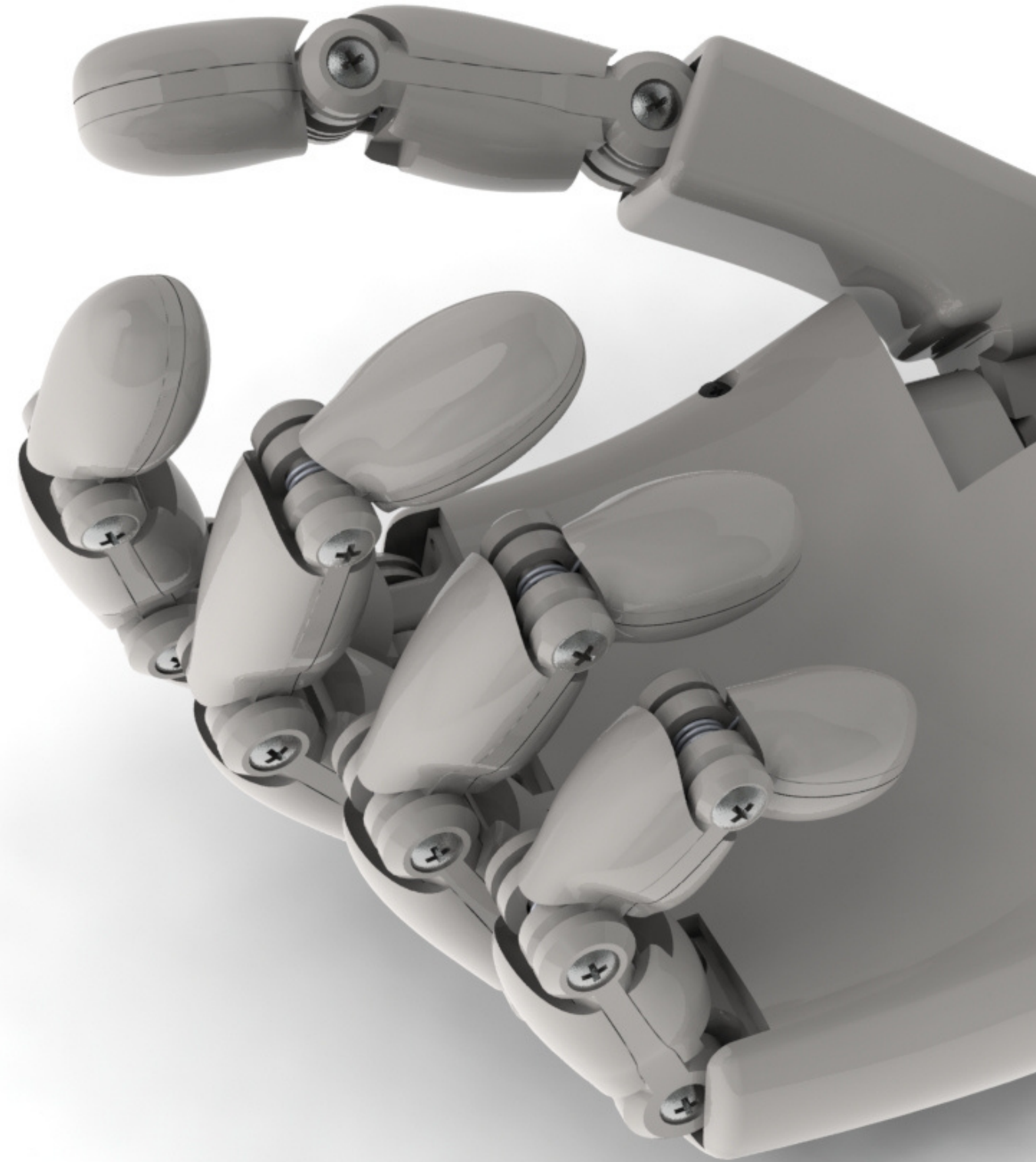
Exobot Dynamics
Augmenting human lives

Bionics, Assistive devices & Exoskeletons

Advanced solutions for people
with disabilities

Pitch Deck

Munish Kumar



About us

Exobot Dynamics is an early-stage startup developing bionic limbs, assistive devices and exoskeletons. Our solutions improve strength and mobility of differently-abled, old-age, diseased and able-bodied persons.



Exobot Dynamics
Augmenting human lives

Vision

Human augmentation with bionics and wearable robots to restore and enhance physical capabilities for better health and performance

Mission

Provide advanced, affordable and accessible solutions for physical human augmentation to every person regardless of their socio-economic condition.

Incubated at:



Supported by:



Our team



Munish Kumar
Founder & CEO
PhD, GJUST



Dr. Mukesh
Clinical Head
MPO, SVNIRTAR



Ganga Singh
Design
MTech, GJUST



Uddeshya Pathak
Fabrication
MTech, IIT



Hemant Singh
Controls
MTech, DAVV



Raghav Saini
Circuits
BTech, GJUST



Ashish Kumar
Circuits
BTech, GJUST

Our mentors



Prof. Pankaj Khatak
Mechanical Engineering
Alumni, IIT Delhi



Dr. Sumit Saroha
Electrical Engineering



Dr. Anu Bajaj
Software Engineering



Mr. Kashmir Singh
User



Prof. NK Bishnoi
Strategy & Business
Development



Prof. Sanjeev Kumar
Marketing & Consumer
Behavior



Dr. Varun Poonia
Orthopedics



Mr. Sanjeev Kaushik
User



It started with my fathers accident

In 2014

- He was traveling to home
- Trying to board a train
- Fell off and lost both his hands.
- We could not find a solution

There are others as well...

5 million people live without a limb

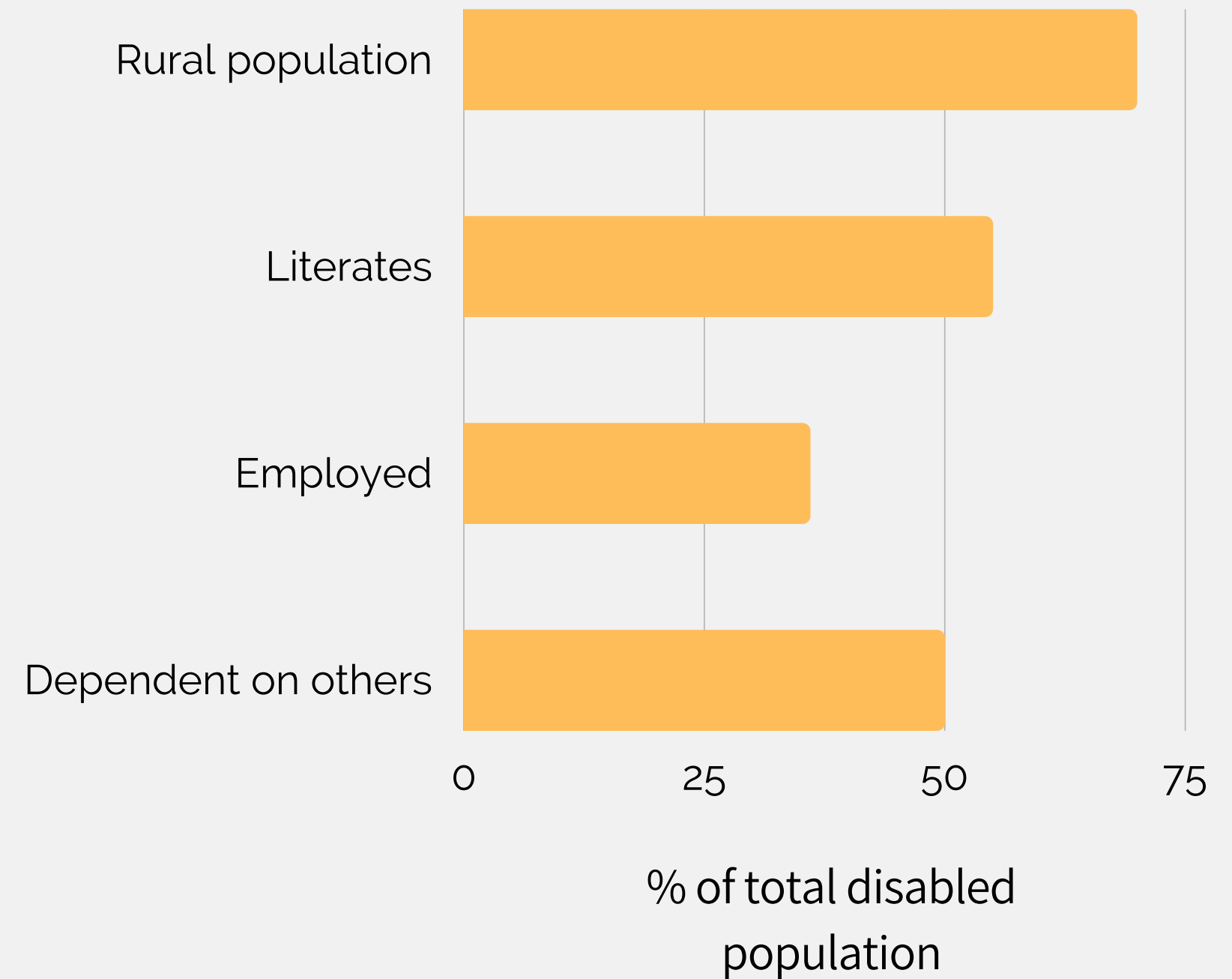
Only 30% use a device because they are...

Heavy

Expensive

Less functions

Low adoption of bionic limbs leads to poor quality of life

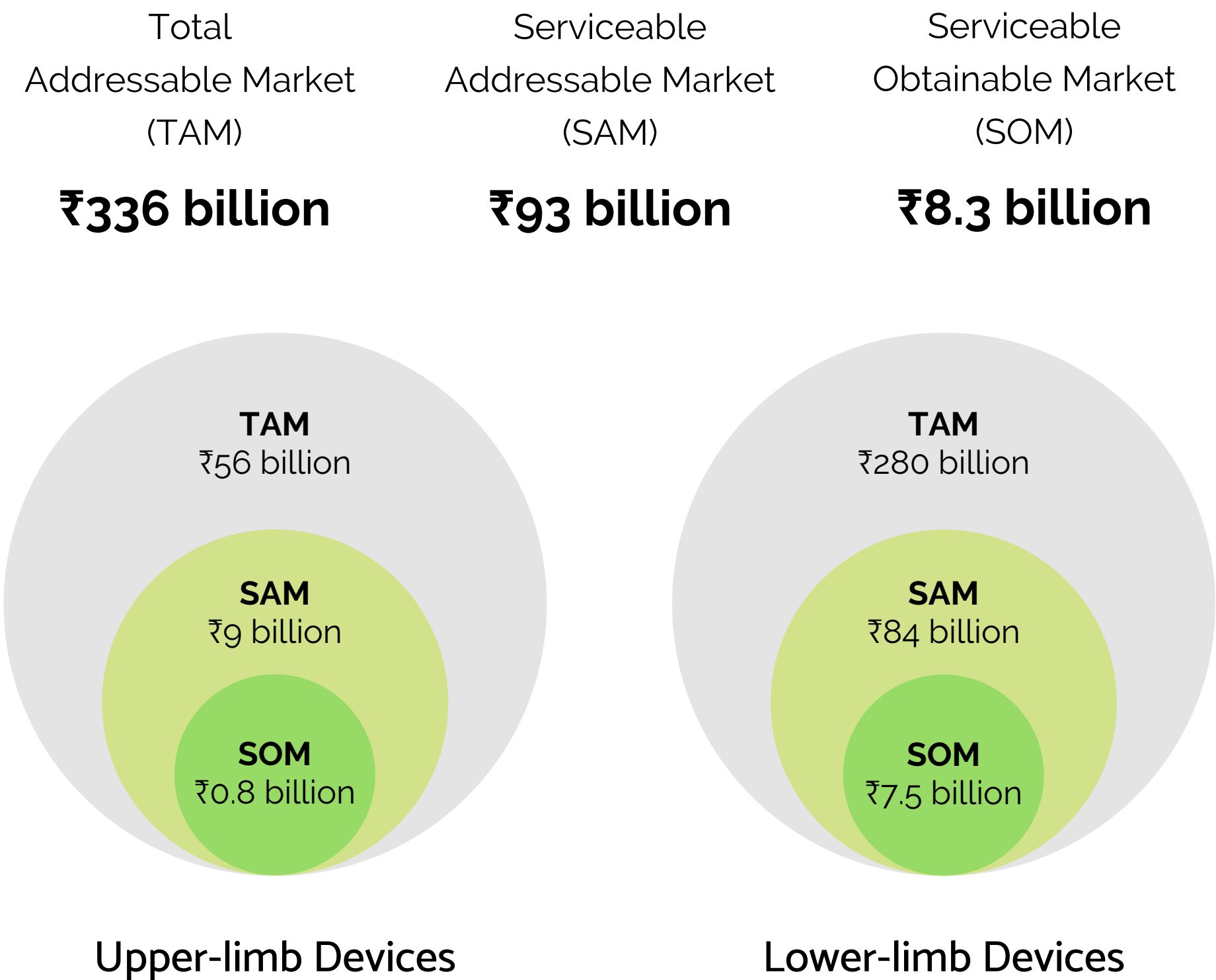


They need a solution!

Opportunity

Particular	Value
Total disabled population	26.8 million
Ratio of limb disability to total	0.2
Ratio of upper/lower limb	0.25
Ratio of users willing to buy	0.3
Ratio of users that can afford	0.5
Targeted age group	10-60 yrs.
Avg. price of device	1 lakh

Source:
Disabled Persons in India - Statistical Profile 2021,
Govt. of India
Based on India Census 2011



Our Product

New generation of
advanced

Bionic Hand

For people with

- upper-limb disability
- age 10-60 years



Multi-functional

Moves like a real hand to lift
objects

Intelligent

Operates using muscle
signals & ML

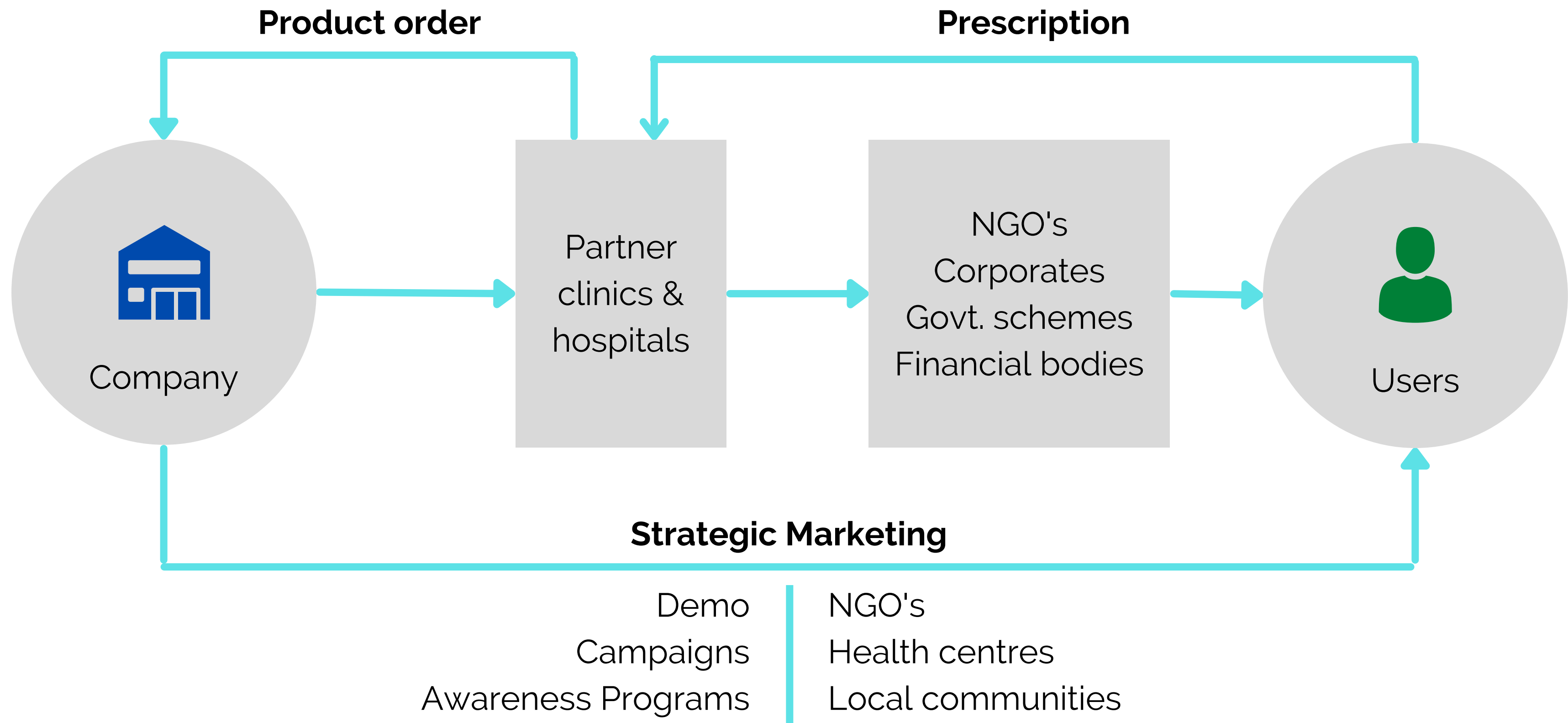
Lightweight

Comfortable for long use

Customizable

Shape, size, color, &
attachment options

Business Model



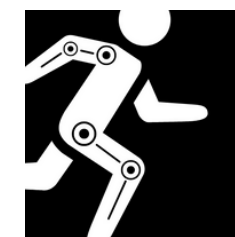


Thank You
Help us spread smiles.

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