

ExoGenic (Pvt) Ltd

Project Dexios

Developing Affordable & Advanced Myoelectric Prostheses

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ExoGenic (Pvt) Ltd

Our Team

Founders



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Engineering Undergraduate



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What is ExoGenic ?

Exogenic is a MedTech startup focused on smart, accessible medical and assistive devices.

**Prosthetics &
Orthotics**

**Sports &
Biomechanics Tech**

Assistive Devices

Exoskeletons

What is Project Dexios ?

The flagship project of ExoGenic (Pvt) Ltd: **A Transradial Prosthetic Arm with Adaptive Grasping**

Problem

High costs and limited access to advanced prostheses, especially in developing countries

Solution

The Dexios Hand: Affordable, functional prosthetic with modular and customizable design for restoring independence



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Local Support

Personal consultation, device fitting, and ongoing maintenance programs

Advanced Functionality

Patent-pending technology enables intuitive, natural control with adaptive grasping

Unique Selling Proposition

Affordability

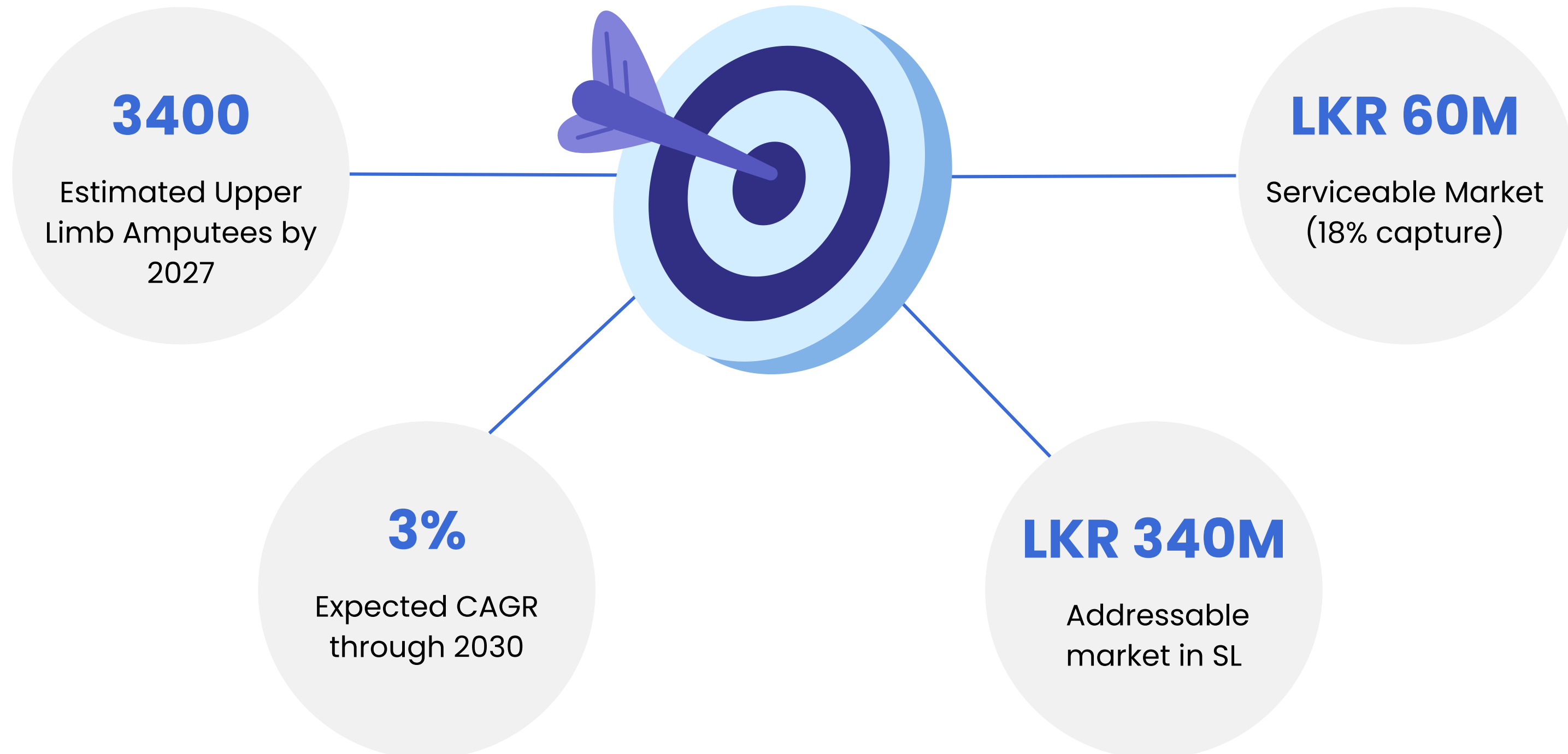
Designed for Low Income Countries
50–70% cost reduction
vs international alternatives

Modular Design

Easy repair, customization, and upgrade capabilities with locally serviceable components



Market Size & Opportunity





Traction and Current status

2024

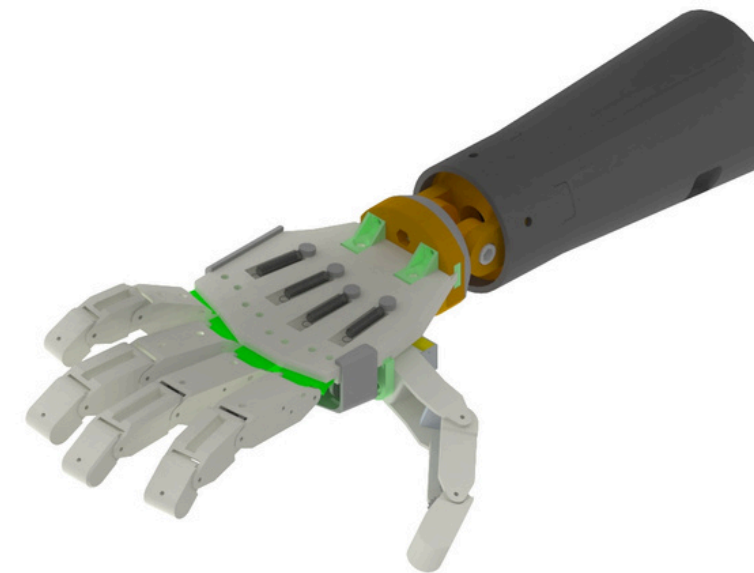
- Initial Prototype Completed (**TRL 4**)
- Patent Applied

2025

- Clinical trial partnerships established
- Improved Prototype In-Progress (Target **TRL 7**)
- Prototype finalization & trials

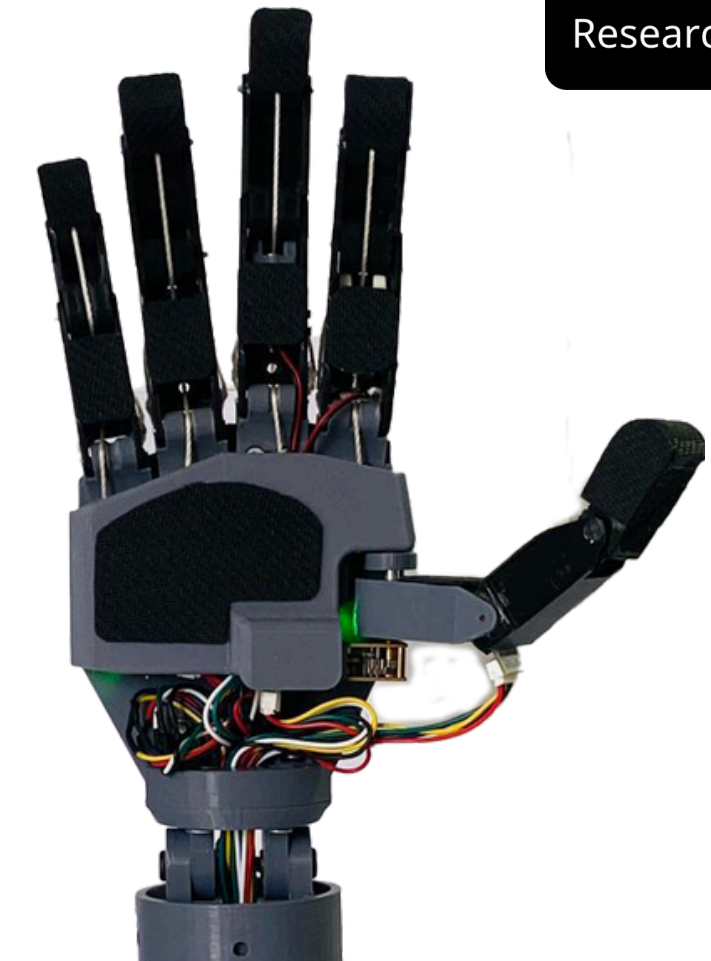
2026

- Clinical Trials & Regulatory Approval
- Development of Commercial Product



Designed Prototype

Technical drawings of the designed prototype device



Fabricated Prototype

The final functional prototype after fabrication and assembly



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Financial Forecast

Year	Revenue (LKR)	Units Sold	Net Profit (LKR)	Notes
1 & 2	0	0	-15M	R&D, prototyping and clinical trials
3	10M	10	-4M	Commerical launch
4+	50M	50	10M	Local expansion

LKR 1M

Unit Price per device

LKR 0.6M

Manufacturing Cost per Unit

Year 4

Expected Breakeven

40%

Gross Margin



Competition & Differentiation

International Brands

Price: LKR **5–7M**

- High cost
- No local service
- Import delays
- No customization

EXOGENIC DEXIOS

Price: LKR **1M**

- ~70% cost reduction
- Local manufacturing
- Bio-signal control
- Modular design

Low-Cost Alternatives

Price: LKR **0.1–0.3M**

- Poor functionality
- No bio-signals
- Limited durability
- Basic movement

Entry Barriers We Create

- Patent-pending technology
- Established clinical partnerships
- Academic expertise



Social Impact

Who We Help

- Amputees with limited access to quality prosthetics
- Individuals unable to afford international solutions
- Patients requiring ongoing service and maintenance

Impact Goals

- Restore independence and mobility
- Improve quality of life for amputees
- Reduce healthcare costs for families

70%

Cost reduction
making
prosthetics
accessible

60

Lives massively
improved by
Year 4



Funding Requirements

Seed Round

LKR 25M
(includes 30% buffer)

Timeline

2025–2027
to achieve market entry

Future Funding

Series A
projected for scale-up
in Year 4

40%

R&D and IP
LKR 10M

30%

Manufacturing Setup
LKR 7.5M

20%

Regulatory & Trials
LKR 5M

10%

Marketing & Launch
LKR 2.5M



Exit Strategy

Strategic Acquisition

Target: Global medical device companies
looking to expand into Asian markets
Established IP portfolio
Proven market presence

Technology Licensing

License technology to international partners
Recurring revenue model
Lower risk profile

IPO (Long-term)

Public listing after establishing
market leadership
Sustained growth track record
Multiple product lines
Regional expansion

Return Target

10x

ROI for Seed Investors
Through sustainable growth,
innovation, and market expansion



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Thank You

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