



Endoenergy Systems Ltd.

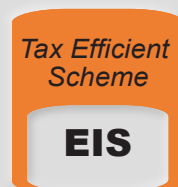
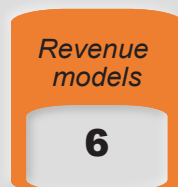
Independence • Freedom • Dignity



We are directly addressing the world's aging societal problems by creating simple, effective and affordable consumer assistive products to help elderly people move around for daily living thereby allowing them to continue living in their own homes independently with good quality of life and dignity.

Core R&D completed and first wearable exoskeleton products are being finalised for market launch in Q3 2021. The £1.5M investment will take Endoenergy to Sales and allow scale-up in 2 years.

Perfect time to invest in this emerging yet lucrative sector!



Market and size



World is aging with currently 727 million people aged over 65; expected to grow to almost 1B by 2030 with target countries' figures being:

- **UK:** 6.5M **↑↑** 7.6M
- **India:** 54.5M **↑↑** 64.3M
- **Europe:** 74.9M **↑↑** 84.9M

No viable products yet due to:

High cost

Not effective

Not accessible

We will change the landscape by bringing solutions to market via established distributors.

1st generation products



Designed to fit single joints to support key motions such as **sit-to-stand, walking, up/down stairs, balancing**, etc. Our unique selling points are simplicity, effectiveness and affordability.

2nd and 3rd generation products will shortly follow to enhance business.

Tynor (India's largest orthopaedic product manufacturer) is our partner for manufacturing, marketing, distribution and maintenance.

24,463 EXOs sold by 2025



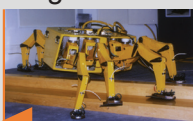
Track history and plans

Nuclear robot
Robug3

ISO 13482

IEC 80601-4-1

1st EXO designed



Core robotics R&D (>£25M), ISO/IEC standardisation

2016

2019

1998 2011 2014

2017

2020

2021

2022

2023

2024

2025

2026

2027



1st exo



TRL 7 exo

RACA robots
IEC 80601-2-78

Production, start sales

Scale up, 3rd gen

Expand USA & CN

Major scale up

IPO

£0.8M

£7M

£19M

£40M

£79M

£99M

£178M

Sales revenue

Exit 7x

Exit 30x

Partnerships for business strategy

We will compete by selling our simple, effective and affordable assistive mobility products directly to customers via distributorships and e-commerce websites in our targeted regions.



Planned revenue models

Direct
Sales

Rental

Service/
Maintenance

Accessories/
upgrades

Data
analytics

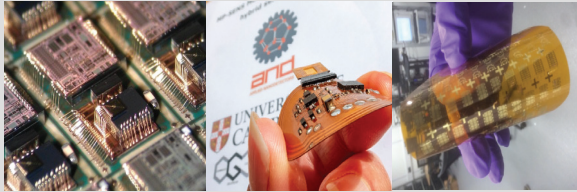
Financing

R&D Partner for smart sensors



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We are working with the Graphene Centre in the Engineering Department on layered crystals and hybrid nanomaterials to develop advanced sensors for bio-sensing and human motion detection to improve the control algorithms for our exoskeletons.



Partner for commercialising exoskeletons



Tynor is our partner for manufacturing, distribution and service/maintenance. It is India's largest manufacturer of high quality orthopaedic products with built-in affordability in India and presence in over 50 countries.



Our team

Professor Gurvinder S Virk, CEO/Founder



CTO, CFO, Robotics expert, ISO/ IEC robot safety. Ex-Professor of robotics at over 10 universities in UK, NZ, DE, SE, FR and CN.

Shitanshu Goel, Marketing & Finance



Seasoned expert in finance, marketing and sales trained in US. Good experience in consumer & mobility sectors.

Dr. Foysol Chowdhury, Bus Dev. & Sales



Cambridge University, expert in technology transfer for spin-offs from concept to full commercialisation (eg, Cambridge CMOS sensors).

Professor Soon-Geul Lee, Mechanical Eng.



Kyung Hee University, South Korea with deep knowledge on mechanism design for real world applications such as wearable EXOs.

Koen Chielens, Safety & Regulations



Vincotte, BE. HAS (Harmonized standards) consultant and expert in machine safety and safety testing.

Paolo Barattini, Comfort and usability



Italy. Medical Doctor, expertise in assistive systems and deployment in practical applications such as ESA.

Our increasing collaborators



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Innovate UK



Get in touch



We expect to compete in this anticipated fast growing and emerging assistive market as a leading player. We hope you are interested to join us on our journey to deliver simple, effective and affordable EXOs to the world. Feel free to contact me by email at gsvirk@endoenergy.com and WhatsApp at [+447592611234](tel:+447592611234) if you have any queries, or if you wish to receive our pitch deck.



Effective and affordable mobility for the elderly !!