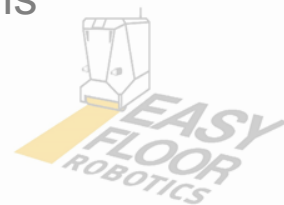




● Vision:

Our vision is to develop autonomous robotic technology that transforms the way floors are made.

Our robots save thousands of workforce hours, using innovative materials and creating brilliant designs.



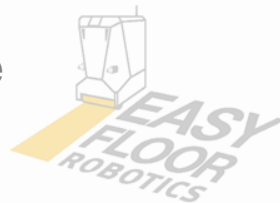
The Overview

SEAMLESS FLOOR



In recent years, the demand for big tiles and seamless floors has been constantly increasing.

In the commercial sector in particular there is a rising demand for unique and resistant floors.



The Team

Floor Expert

Uri Rabinek 

Has over 30 years' experience working with epoxy & Micro-Topping

Chemical Expert

Gad Lewitus

Has over ten years' experience working with numerous materials

Finance Expert

Amir Eyal

The "shark" from the Israeli Shark Tank show

Robotic Expert

Amnon Demri 

World-renowned consultant in the field of Mobile Robotics

CEO & Founder

Lior Ferdman 

Graduated with a Bachelor's Degree in Business Management specializing in Accountancy and Information Systems.

Lior was the founder of the MeetMeet App. He also founded Smart Wheels 2Go which has won many competitions for entrepreneurs, including "BizTech 2011" at the Technion.



Three huge corporations in the field of materials for flooring - Sika (Switzerland), LATICRETE (USA) and IDEAL WORK (Italy) will supply materials and expertise for the project.



The Problem



Human Aspect

consistent high-level finish



Economic Aspect

labor cost & shortage
of skilled labor



Design Aspect

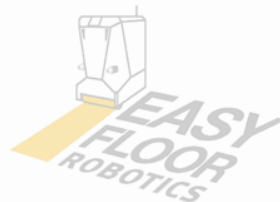
limited creativity

Our Solution

The innovative Easy Floor Robotics systems have been designed to provide solutions in four key areas- Innovation, Speed, Resistance and Reduction.



Our solution is the development of technology similar to the famous I-Robot for the flooring market, that integrates several robots for applying floors and a docking station with materials that are available on the market, such as epoxy and Micro-Topping.



Our System



Navigation

The robot is able to map out and move in open and closed spaces with an extremely high precision level.

Mixing

Mixing materials, including two or more components, with precision monitoring



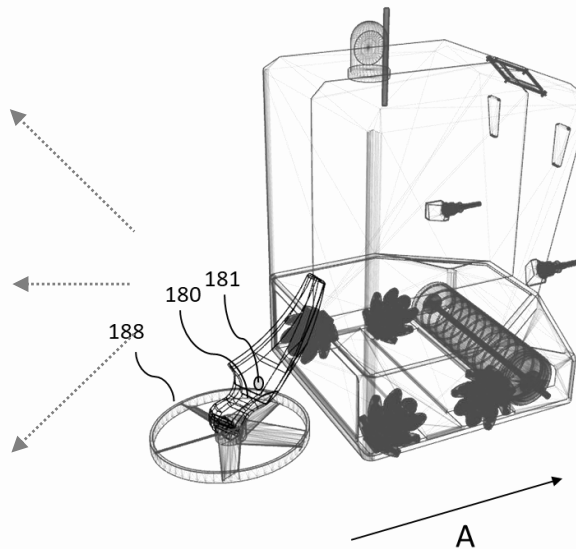
Casting

Casting with "spraying boom"



Painting

Spraying and rolling primer/sealer coat and rolling with roller



Materials

Work with all types of polymer: liquid like Epoxy and powder like Micro Cement or decorative concrete.



Sanding

Sanding surface



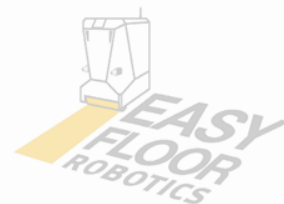
Shoveling

Creating accurate layer thickness by monitoring layer heights.



Texture

Creating bespoke texture



Technology & Innovation

Unique Technology

- A PCT application for Easy Floor Robotics was reviewed **without significant negative comments**
- The application has been written by the patent office and includes more than 60 pages.
- This application could be a game changer in the flooring market give us a competitive advantage.
- Part of the technology in the application can be use in **other markets**, such as kitchen surfaces and backsplash.

Software

Machine learning

Computer vision

AI

Mapping algorithm



Hardware

Applying components A+B technology

Working with liquid and powder materials

Keeping height consistent

Bespoke texture

Opportunity



1860

Flooring

The world of construction is changing, and this is your once in a lifetime opportunity to join the robotic revolution!

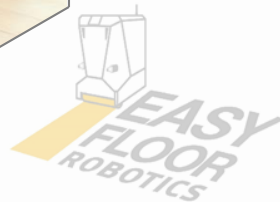


2020

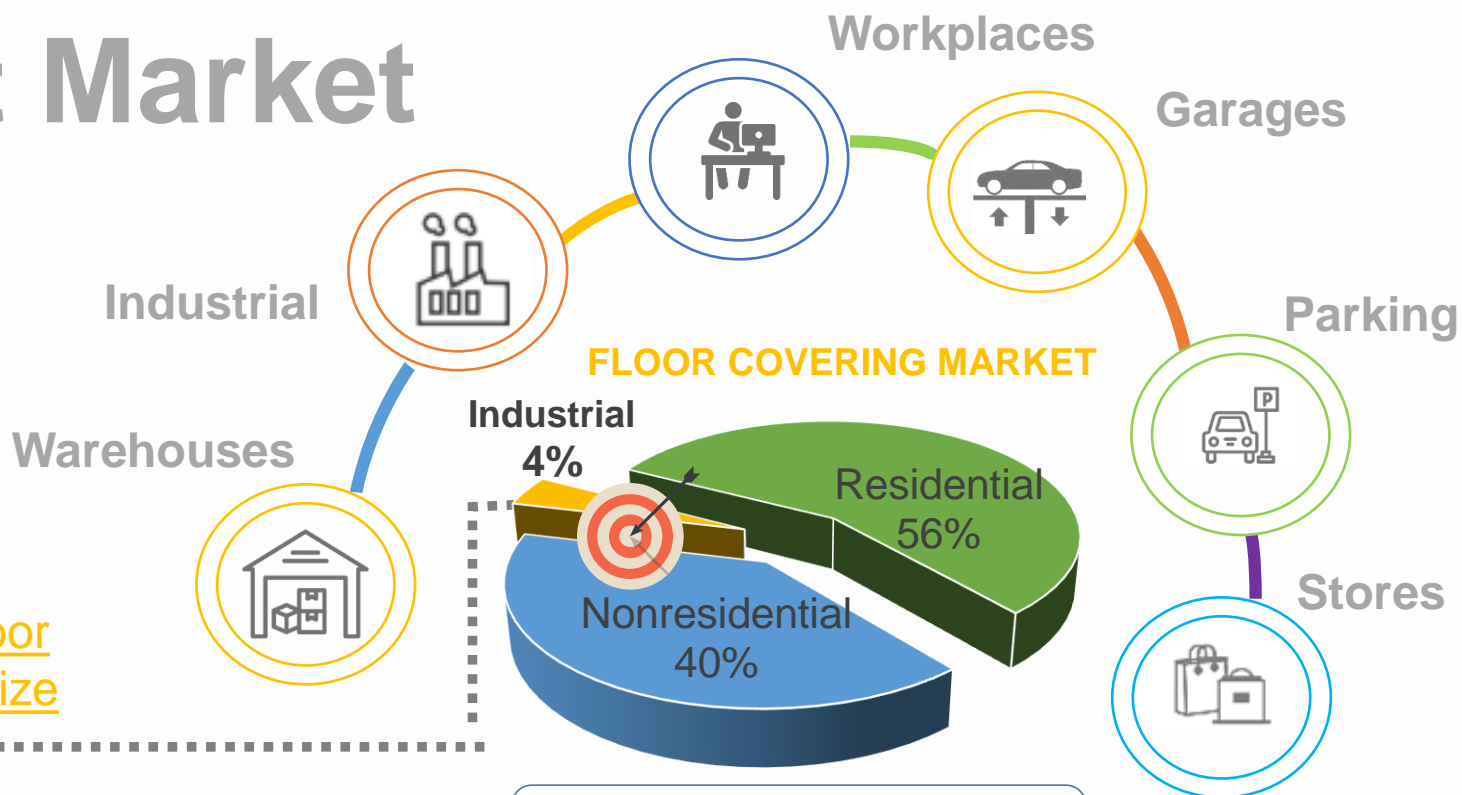


Flooring

Flooring is one of the oldest construction fields. Although this field is in high demand, there has not been any significant breakthrough in this area in recent time.



Target Market



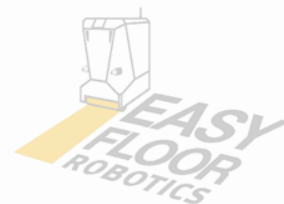
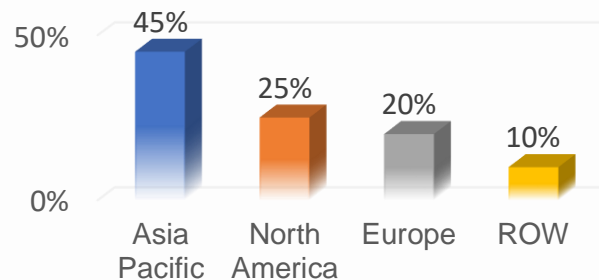
The industrial floor coating market size

projected to grow to \$482BN by 2026

\$7,197 M (2027)

Coating contractors.

Market size: 88,288 teams of workers by 2022



Competitors

Baubot

Construction Robotics



Qlayers / Haus Bots

Applying coatings



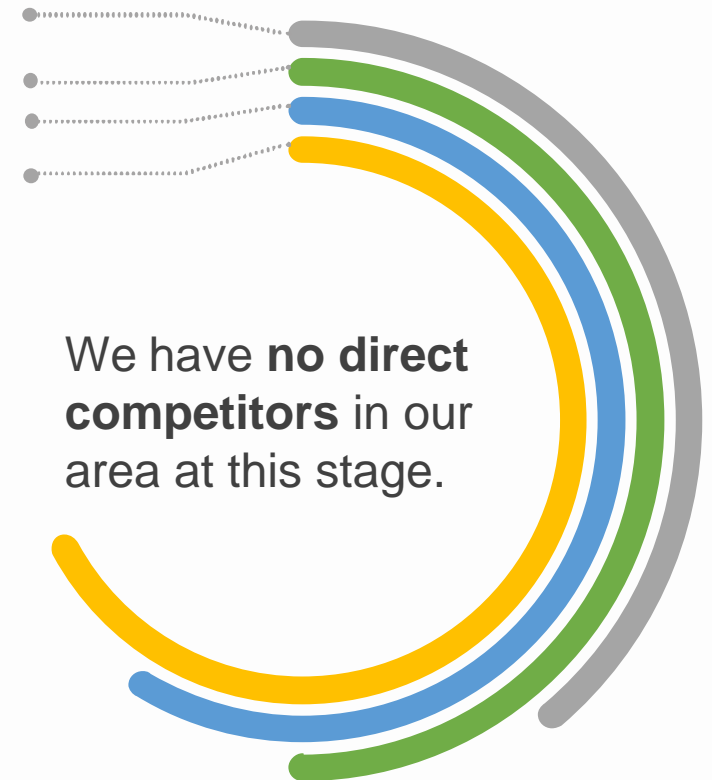
Floor grinding robot companies

(Husqvarna (HTC), High Tech Grinding, TM Creation)



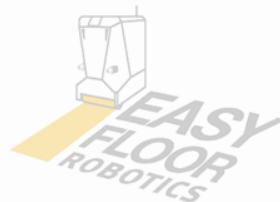
RoboDeck

Cleaning and staining outdoor wooden decks



We have **no direct competitors** in our area at this stage.

We compete with laborers who know how to apply, level out, and coat seamless floors.



Business Plan



B2B: coating contractors



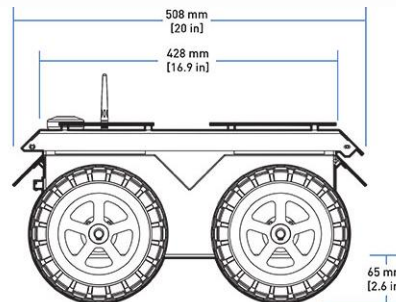
Cooperation with chemistry and 3D
Construction companies



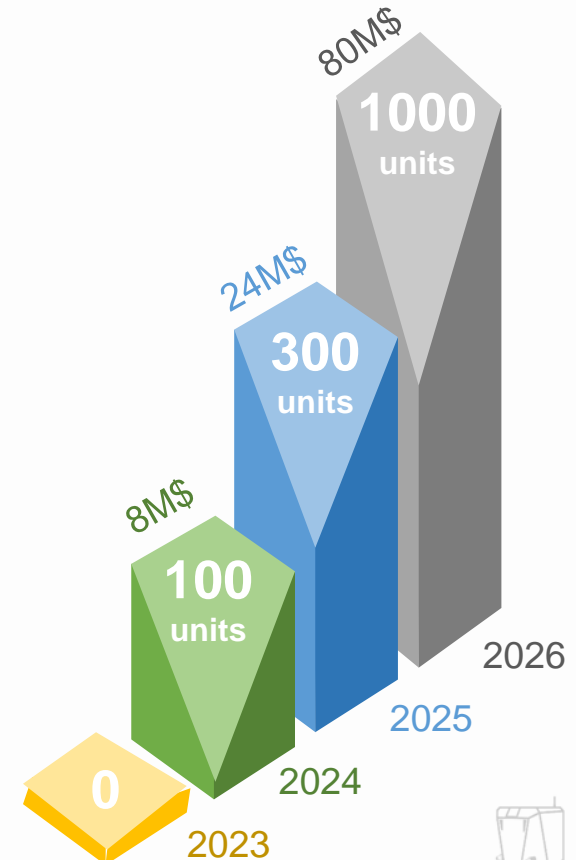
The retail price will stand at \$80K or higher



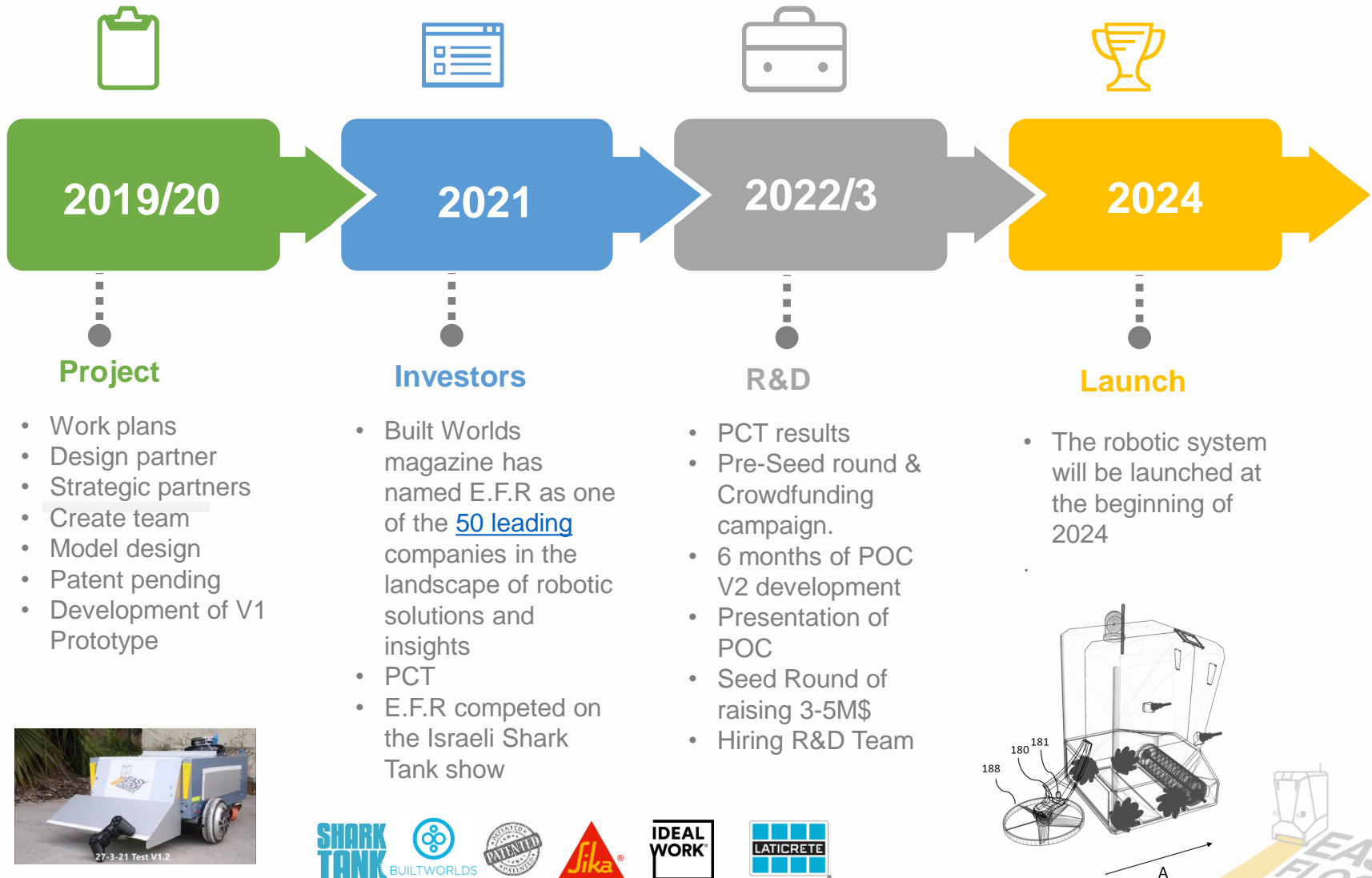
Manufacturing cost: +/-17K\$



Sales Forecast



Roadmap 2019 - 2024



Statuses: Prototype V1.2, patent pending – PCT , model design , work plans, investor*, strategic partners.

Funding & Financials

Pre-seed (2021+22)

- \$185K-480K in Pre-seed** funding to complete the POC and submission patents
- The Crowdfunding on an Israeli platform.

Seed Round (2022)

- 3-5M\$ for R&D
- Government funding
- Patents submissions

POC (2022)

- Completing the POC that will include autonomous floor coating.
- based on a 6-10 months of development timeline.

R&D (2022-23)

- Completing the robotic system with docking station.
- Time of the project 16-18 the months.

Launch (2024)

- The robotic system will be launched at the beginning of 2024
- Developing 3D epoxy applications.

Exit Strategy

We think that one of these companies will acquire us in the future.

Some of them work with tools for applying floors and some of them work with materials for applying floors.

It may be Husqvarna Group which manufactures grinding machines and applying tools, strategic partners or their competitors such as Sika and Nord Resine.



ConTech & Innovation

The construction market has more over 6 companies that are based on robotic technology: Skyline Robotics (Israel), Okibo (Israel), Dusty Robotics, Toggle Industries, and Scaled Robotics, in recent years these companies received between 1-5M\$ in funding based on robotic prototypes.

Toggle Industries

First production facility providing rebar fabrication



Launched: 2019



Dusty Robotics

Providing automated layout services to the construction industry.



Launched: 2020



Okibo

Smart Robots for Construction Sites



Launched: 2021



Canvas

Robotic drywall finishing systems



Launched 2021



Skyline Robotics

The first window cleaning robot



Launched: 2020



THANK YOU



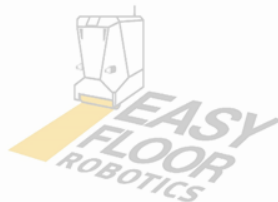
Follow us

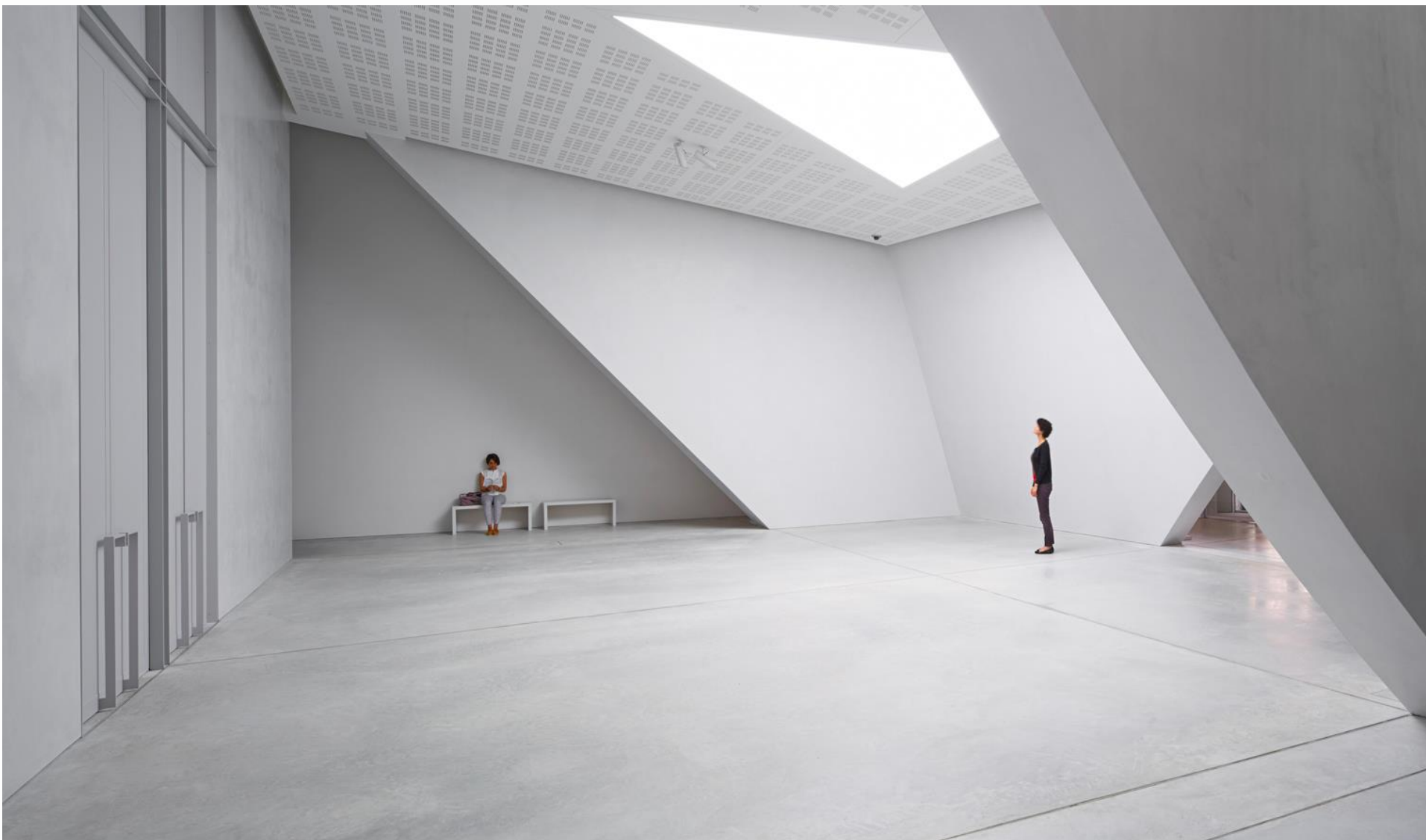
www.EasyFloorRobotics.com

Lior Ferdman

Lior@EasyFloorRobotics.com

This is your opportunity to invest in the I-Robot of the flooring market, disrupt the market, and build the future together.





[Gallery - Ideal Work Architop®](#)

[Gallery - Ideal Work MicroTopping®](#)



[Video - Ideal Work Architop®](#)



[Video - Ideal Work MicroTopping®](#)

