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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

Form 6-K

Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16  
under the Securities Exchange Act of 1934

For the month of: September 2022 (Report No. 3)

Commission file number: 001-38094

**FORESIGHT AUTONOMOUS HOLDINGS LTD.**  
(Translation of registrant's name into English)

7 Golda Meir  
Ness Ziona 7403650 Israel  
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulations S-T Rule 101(b)(1): ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulations S-T Rule 101(b)(7): ☐

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## CONTENTS

This Report of Foreign Private Issuer on Form 6-K consists of the Registrant's corporate presentation, which was posted on its website on September 13, 2022, and which is attached hereto as Exhibit 99.1.

<b>Exhibit No.</b>	<b>Description</b>
99.1	<a href="#">Corporate Presentation of Foresight Autonomous Holdings Ltd., dated September 13, 2022.</a>

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

**Foresight Autonomous Holdings Ltd.**  
(Registrant)

Date: September 13, 2022

By: /s/ Eli Yoresh  
Name: Eli Yoresh  
Title: Chief Financial Officer



# INVESTOR PRESENTATION FORESIGHT GROUP

September 2022



# FORWARD LOOKING STATEMENTS

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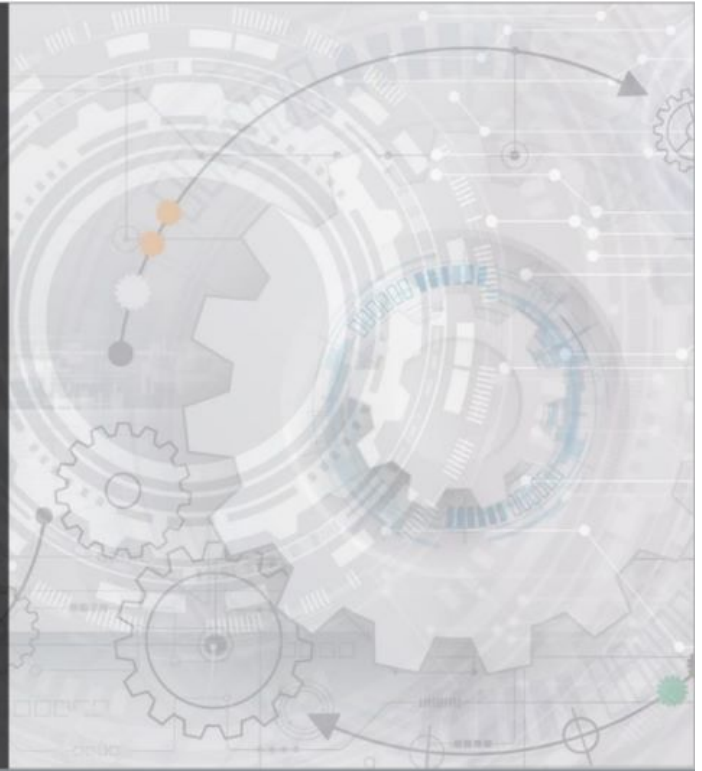
- This presentation of Foresight Autonomous Holdings Ltd. (the “Company”) contains “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act and other securities laws. Words such as “expects,” “anticipates,” “intends,” “plans,” “believes,” “seeks,” “estimates” and similar expressions or variations of such words are intended to identify forward-looking statements. For example, Foresight is using forward-looking statements in this presentation when it discusses its regulatory plans, the potential of its, and its subsidiaries’, products, market trends and potential milestones, potential collaborations with strategic partners, the expected timing of its various projects with various partners, sales targets and sales potential.
- Forward-looking statements are not historical facts, and are based upon management’s current expectations, beliefs and projections, many of which, by their nature, are inherently uncertain. Such expectations, beliefs and projections are expressed in good faith. However, there can be no assurance that management’s expectations, beliefs and projections will be achieved and actual results may differ materially from what is expressed in or indicated by the forward-looking statements. Forward-looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in the forward-looking statements. For a more detailed description of the risks and uncertainties affecting the Company, reference is made to the Company’s reports filed from time to time with the Securities and Exchange Commission (“SEC”) including, but not limited to, the risks detailed in the Company’s registration statement on Form 20-F, filed with the SEC on March 31, 2022. Forward-looking statements speak only as of the date the statements are made. The Company assumes no obligation to update forward-looking statements to reflect actual results, subsequent events or circumstances, changes in assumptions or changes in other factors affecting forward-looking information except to the extent required by applicable securities laws. If the Company does update one or more forward-looking statements, no inference should be drawn that the Company will make additional updates with respect thereto or with respect to other forward-looking statements. The Company takes no responsibility for the content of any third parties, including third parties that are referenced in this presentation.



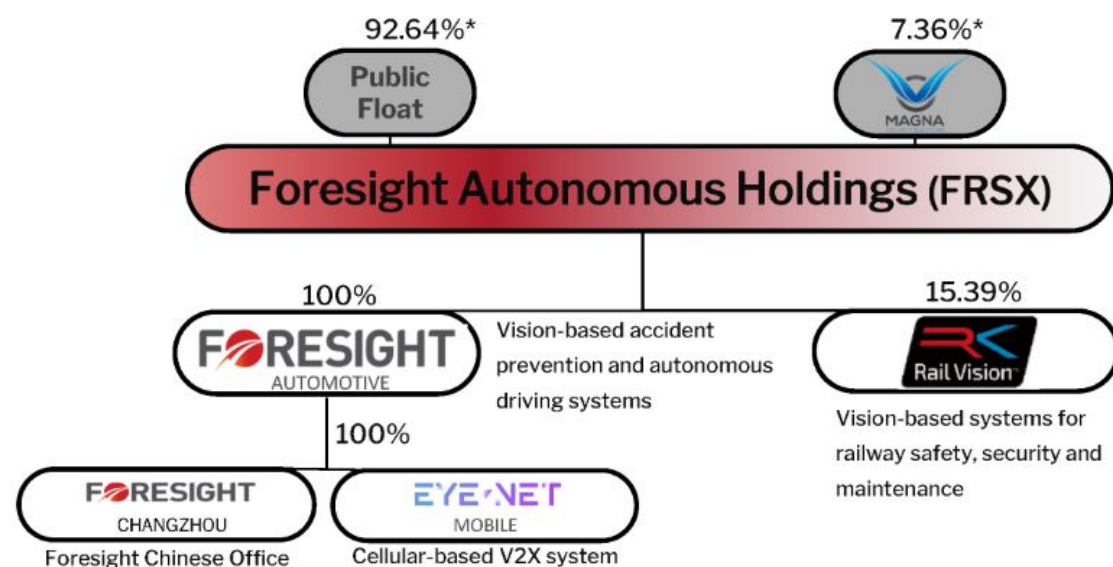
## INTRODUCTION

Haim Siboni

Founder, CEO & Chairman



# STRUCTURE



\*As of September 13, 2022

## FINANCE

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- Total funds raised to date \$110 million
- Cash \$35.6 million\*



\*As of June 30, 2022

# MARKETS

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AUTONOMOUS VEHICLES



MILITARY VEHICLES



INDUSTRIAL VEHICLES





**FORESIGHT**



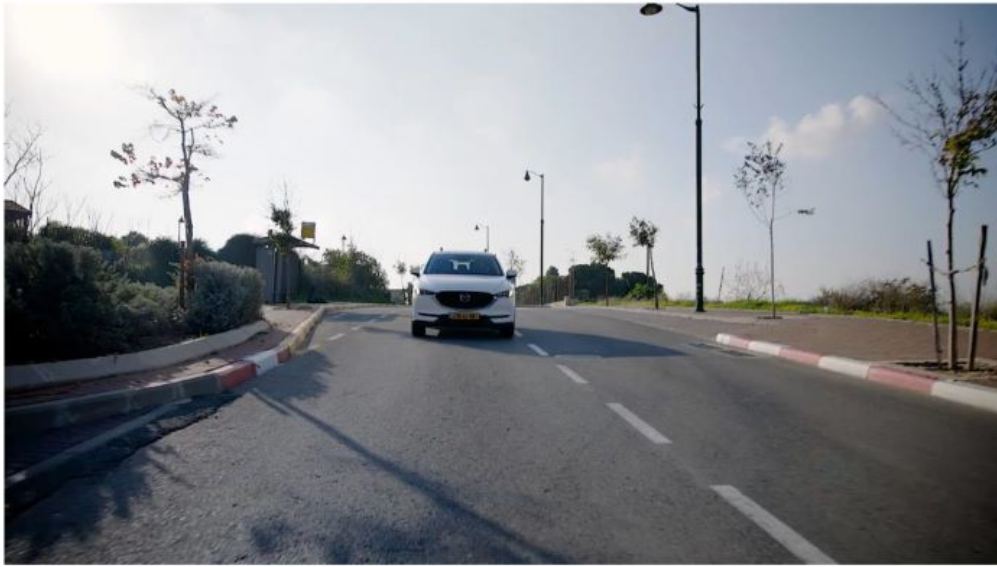
## ELBIT – FORESIGHT – PROCEEDING TO PHASE 3

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## | THE AUTOMOTIVE MARKET

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## | EYE-NET – THE PROBLEM WE'RE AIMING TO SOLVE

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## | EYE-NET – THE PROBLEM WE'RE AIMING TO SOLVE

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## | EYE-NET – THE PROBLEM WE’RE AIMING TO SOLVE

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## FORESIGHT AUTOMOTIVE - UPDATE

Doron Cohadier  
VP of Business Development



# FORESIGHT AUTOMOTIVE AT A GLANCE

## Advanced Safety Driver Assistance and Autonomous Driving Vision Solutions



Employees

**~75**

Mainly R&D



**10**

Patents



Traded:

**TASE, NASDAQ  
(FRSX)**



**Core Technology**

Software & Algorithms



**Mature Technology**

adapted from operational  
surveillance applications



Founded:

**2015**



**Value Proposition**

3D perception stereo solutions

## WHAT WE DO



Stereoscopic  
Technology



Automatic  
Calibration



3D Point  
Cloud



Long Wave  
Infrared (LWIR)  
Thermal Cameras



Sensor  
Fusion

### Support ADAS L1-L2+: Creating Stereo From Visible-light Cameras

- ScaleCam™ – improving accuracy at long distances
- Mono2Stereo™ – generating 3D perception from mono cameras

### Support AD L4-L5: Fusing Stereo Visible-light And Thermal (LWIR)

- QuadSight® 2.0 - Operate in harsh lighting and weather conditions



Rain



Snow



Fog



Glare



Darkness

## MARKET TREND - STRETCHING SENSOR CAPABILITIES

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- Seeing farther, smaller objects with higher accuracy - [ScaleCam™](#)



## MARKET TREND - ENHANCING EXISTING ADAS SYSTEMS

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- Improving performance of existing ADAS systems – [Mono2Stereo™](#)



## MARKET TRENDS – EXTENDING DRIVING RANGE OF EV'S

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- Passive technology - Less energy consumption = Extending range



- Passive 3D perception – Operates in stealth mode - [QuadSight® 2.0](#)

### 3D PASSIVE POINT CLOUD

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VISIBLE AND THERMAL CAMS

## MARKET TRACTION – CUSTOMER ENGAGEMENTS

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- Commercial agreement with Elbit Systems
- Customization project with Elbit for a 3D perception solution to meet the requirements of the Israeli Defense Forces (IDF) - Elbit presented our joint solution at Eurosatory defense exhibition
- Successfully completed proof of concept (POC) with a leading European OEM
- Joint POC with ZF - Global Top 3 Tier 1, project follows winning the CES 2022 pitch event
- Joint POC with Hitachi - Global stereo vision Tier 1
- Joint POC with leading American EV manufacturer
- Conducting multiple POC projects with leading OEM/Tier 1s in North America, Japan, Europe and China



## | JOINT POC WITH ZF – GLOBAL TIER 1

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- Won CES pitch event in Jan. 2022
- Joint POC on Mono2Stereo™



## | JOINT POC WITH HITACHI – GLOBAL STEREO VISION TIER 1

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- Hitachi develops stereo vision solutions for Subaru, Suzuki and others
- POC follows the successful evaluation of a QuadSight® vision system prototype
- Joint POC on Mono2Stereo™



**HITACHI**  
Inspire the Next

## ELBIT SYSTEMS & FORESIGHT'S JOINT SOLUTION

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- Foresight's passive stereo technology to replace LiDAR by Elbit Systems Ltd. (Nasdaq/TASE: ESLT)
- Foresight's customized 3D perception solution is presented by Elbit on an IDF's Unmanned Vehicle at Eurosatory – the largest defense exhibition in Europe
- The solution is intended for several defense-related projects



## MARKETS

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Autonomous Vehicles



Military Vehicles



Industrial Vehicles

## SALES CYCLE

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# OPPORTUNITIES & DEVELOPMENTS IN THE DEFENSE WORLD

Major General (Ret.)  
Udi Adam  
Senior advisor



# | AGENDA

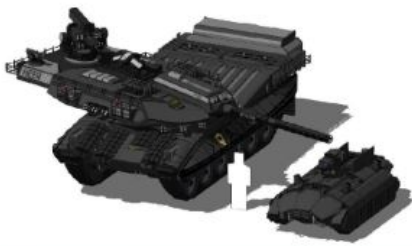
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- Definition of concepts
- Characteristics of the defense market
- Market size
- Trends in the coming decade - the evolution of the revolution
- Why Foresight?

# CONCEPTS

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- AFV - armored fighting vehicle
- Remotely controlled land/aerial/sea platforms
- UAV/UGV/USV - unmanned aerial/ground vehicle/surface vessel



## CHARACTERISTICS OF THE DEFENSE MARKET

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- Market leaders - USA, China, Russia, India
- Wide range of weapons - some very old and others very advanced. Long shelf life
- Finding technological solutions without endangering human life
- The lack of regulation accelerates projects
- The Ukraine-Russia war accelerated arming processes and changed European budgetary considerations



## TRENDS IN THE COMING DECADE - THE EVOLUTION OF THE REVOLUTION

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Demos, feasibility trials,  
technology development  
tenders

2012  2024



Selection of winners, gearing up,  
US and NATO armies lead the  
way

2025  2030



Gearing up, Europe, Asia and  
Oceania armies

 2035~



## COMBAT SUPPORTERS FIRST



## FIELD SECURITY AND BORDER PROTECTION



## FRONT GUARD

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“Refa'im” unit training - the multidimensional unit – photo by IDF spokesperson

# THE FUTURE BATTLEFIELD

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## IN BETWEEN - UPGRADES OF EXISTING AVF FLEETS

Proving the feasibility of autonomous driving – MGCS\*, OMFV\*\*

→ 2025



Demos, feasibility trials, technology development tenders

→ 2030



Gearing up – US, West Europe, Asia and Oceania armies

→



\*MGCS - main ground combat system

\*\*OMFV - optionally manned fighting vehicle

## WHY FORESIGHT? - FORESIGHT INSIDE

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- Passive system!
- Software that interfaces with any embedded computer system
- Utilization and use of built-in components of weapons
- Depth map – point cloud - constitutes a general change in driving AFV at night and in challenging weather conditions
- Autocalibration - providing an immediate solution to autonomous and semi-autonomous driving in all terrain conditions
- “Crazy Stereo” – using any camera, placed anywhere on a vehicle
- Simplicity of operation - transparent to the user





## CHINESE MARKET OVERVIEW

Oren Bar-On

VP of Operations &  
Business Strategy



# CHINA AUTOMOTIVE – WHY FOCUS ON CHINA?

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## HOW CHINA WILL HELP FUEL THE REVOLUTION IN AUTONOMOUS VEHICLES

*McKinsey & Company*

As for today, China is largest automotive market in the world.

In 2009, China passed the United States to become the world's largest and most important automotive market, expected to consume nearly 35 million light vehicles in 2022, almost 70 percent more than the United States.

China has the potential to become the world's largest market for autonomous vehicles.

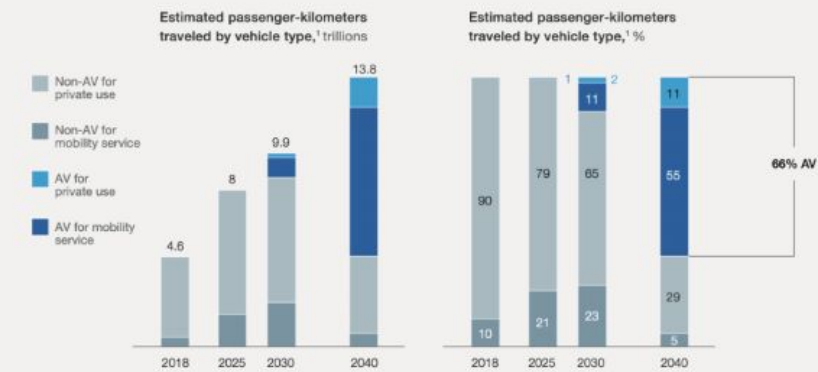
In our base forecast, such autonomous vehicles could account for as much as 66 percent of the passenger kilometers, traveled in 2040, generating market revenue of \$1.1 trillion from mobility services and \$0.9 trillion from sales of autonomous vehicles by that year.

In unit terms, that means autonomous vehicles will make up just over 40 percent of new vehicle sales in 2040 in China.

# CHINA AUTOMOTIVE – AUTONOMOUS VEHICLES FORECAST

Exhibit 1

Autonomous vehicles (AV) will travel about 66 percent of total passenger-kilometers in 2040.



McKinsey&Company

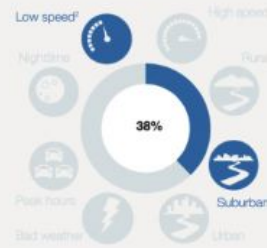
# CHINA AUTOMOTIVE – AV ADOPTION PHASES

## Exhibit 2

Mass adoption of highly autonomous vehicles (AVs) in China will likely start in 2027.

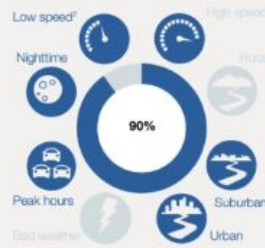
Use cases and passenger-kilometers addressable by autonomous vehicles over time,<sup>1</sup> % of passenger-kilometers traveled

### Phase 1, ~2023



Technology ready and early adoption of constrained Level 4 AV technology

### Phase 2, ~2027



Start of mass commercialization of Level 4 AV technology

### Phase 3, ~2032



Full adoption with penetration into rural areas

<sup>1</sup>Suburban area has less traffic and more simple driving conditions than urban area.  
<sup>2</sup>Driving speed no more than 60 km per hour.

McKinsey&Company

## CHINA AUTOMOTIVE – THE OPPORTUNITY

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- Beijingers spend an average of 1.5 hours everyday commuting – more than three times as much as the average US & Europe commuter. Autonomous vehicles will offer a potential solution to some of these infrastructure challenges.
- Best combination of growth/size remains in Distance Warning. **AEB is the key feature** in that category
- Chinese OEMs and Tier 1s are looking for **foreign innovative technology** to enable high levels of vehicle autonomy
- The automotive industry is backed up and motivated by **strong government support and funding** - Over the last five years, AV and component companies have received \$7B in funding.
- During 2021, more than \$100B was invested in the Chinese AV market (Merger & Acquisition, Development & Business Cooperation, Emerging Startup)
- Today, there are more than 150 registered AV companies in China

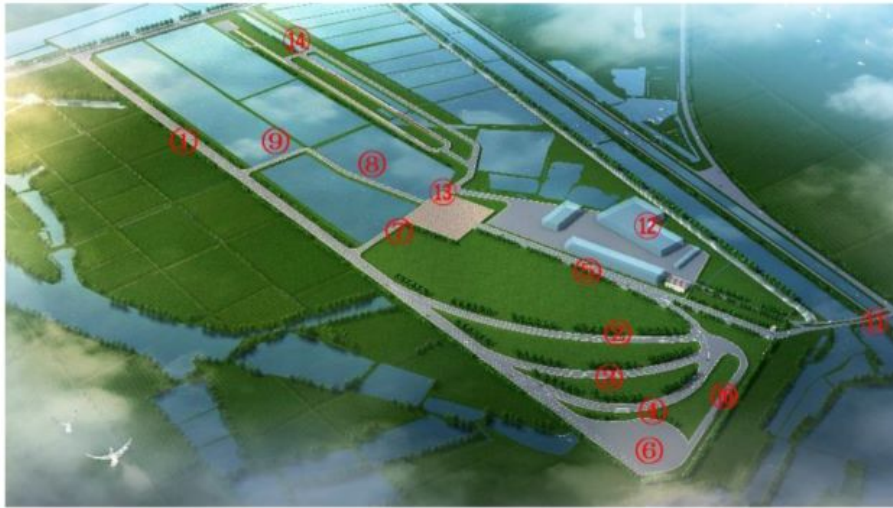
## CHINA SUBSIDIARY – FORESIGHT CHANGZHOU LTD.

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CICP – CHINA ISRAEL COOPERATION PARK



1,600,000 RMB Awards & Benefits Program



FORESIGHT CHANGZHOU DEMO & TESTING GROUND

## CHINA MARKET TRACTION

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- Established a fully owned local subsidiary in China – Foresight Changzhou Automotive Ltd. – enabling local business development and partnerships
- Strategic cooperation agreement with Guide Infrared – Chinese #1 thermal sensors ODM
- Cooperation agreement with a Chinese leading Tier 1, Sunway-AI Technology (Changzhou) to commercialize autonomous technologies for the Chinese market
- Cooperation agreement with Shandong Institute of technology – Autonomous solutions
- Multiple POC projects with leading Chinese vehicle manufacturers
- Dozens of leads with OEMs and Tier 1s in Mainland China



## SUNWAY AI & FORESIGHT'S COOPERATION

- Sunway AI, Tier 1, focuses on development, design, manufacturing and sales of intelligent vehicle products
- Core members of the management came from CAS, Bosch, BMW and BAIC group
- Foresight's visible light and infrared stereo technology is planned to be integrated into various autonomous solutions



# FORESIGHT CHINA BUSINESS DEVELOPMENT

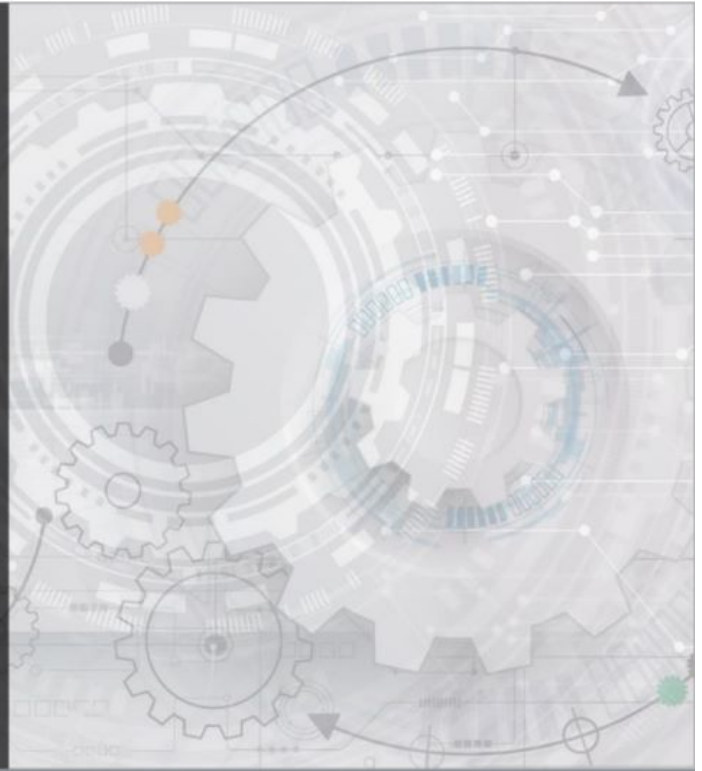
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## EYE-NET MOBILE - UPDATE

Shuki Herzlinger  
VP of Business Development





**EYE-NET**  
All Road-Users Safety Solution

Changing the road safety  
paradigm

[www.EyeNet-Mobile.com](http://www.EyeNet-Mobile.com)

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## ABOUT EYE-NET

### Company Introduction



An [Israeli-based](#) technology product company



Founded 2018 - Started as a project in Foresight Automotive



Engaged in design and development of [cellular-based](#) accident prevention solutions



Offers a [SW add-on \(SDK\)](#) designed to provide real-time pre-collision alerts to [all road users](#)



1 PCT patent - System & method for preventing accidents & collisions ( [4 more](#) in process )



[25 Employees](#) - And growing ...

**EYE-NET**

## THE PROBLEM

What we are aiming to solve

EYE.NET

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## THE PROBLEM

What We Are Aiming To Solve



## THE PROBLEM

What We Are Aiming To Solve



## THE PROBLEM

What We Are Aiming To Solve



## THE PROBLEM

What We Are Aiming To Solve

1.35M

According to the World Health Organization, every year there are 1.35M fatalities in road accidents

54%

54% of road fatalities are the vulnerable road users (pedestrians, motorcyclists and micro mobility users)

80%

Motor vehicles are involved in about 80% of crashes that result in the death of bicycle or e-scooter riders

101s

In an average, one pedestrian is killed every 101 seconds.

70%

Between 2017 & 2021 the num. of micro-mobility vehicles injuries in the U.S. increased by 70%.



Increase in **smartphones'** usage → Distraction



**Micromobility** usage in the urban environment

International Transport Forum, Safe Micromobility, OECD, 2020  
World Health Organization, Dec. 2018  
<https://www.cbsnews.com/news/electric-scooter-electric-bike-accidents-rise-last-four-years/>, Oct 2021

EYE.NET

## SELF DRIVING TECHNOLOGY

### Sensors Operation Fundamentals



Each sensor scans and analyzes a designated **FIELD OF VIEW**

Each sensor either alerts the **DRIVER** or gives an indication to the **VEHICLE**

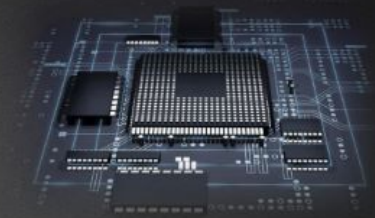
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## SELF DRIVING TECHNOLOGY

### The Future Of Connected Vehicles

- ✗ Additional costs
- ✗ Emitting technology
- ✗ Long penetration cycle
- ✗ Subject to a binding regulation
- ✗ Effective only for vehicles and infrastructure
- ✗ Complicated firmware version update process



EYE.NET

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## THE REVOLUTIONARY APPROACH

Changing The Road Safety Paradigm

- ✓ Alert ALL ROAD USERS (Drivers, Pedestrians, Cyclists, etc..)
- ✓ Foresee an oncoming collision (Without FOV dependency)
- ✓ Utilize an already EXISTING infrastructure
- ✓ SHORT penetration cycle
- ✓ NO additional costs
- ✓ EASY and intuitive
- ✓ NO regulation



## THE SOLUTIONS

Eye-Net offering

EYE-**NET**



THE SOLUTIONS  
How Eye-Net Protect Works

**THE SOLUTION**

CONFIDENTIAL

EYE-NET



## THE SOLUTIONS

Eye-Net Offering For 3<sup>rd</sup> Party Apps

### Protect

Real-time pre-collision alerts to ALL road users by using smartphones

Availability - Available

#### Price

- ✓ FREE, and will remain free forever !

#### Features

- ✓ Side aspect collisions alerts
- ✓ Car brakes ahead alert
- ✓ End of week community stats notification

### Protect Plus

Real-time pre-collision alerts to ALL road users, emergency service & 2 wheels awareness

Availability - Available

#### Price

- ✓ Per Month Per User
- ✓ 10 USD

#### Features

- ✓ Side aspect collisions alerts
- ✓ Car brakes ahead alert
- ✓ End of week stats notification
- ✓ Automatic emergency call
- ✓ Cyclists ahead notification

### Protect Pro

Real-time pre-collision alerts to ALL road users, emergency service, 2 wheels awareness, family & community added values

Availability - COMING SOON!

#### Price

- ✓ Per Month Per User
- ✓ 175 USD

#### Features

- ✓ Side aspect collisions alerts
- ✓ Car brakes ahead alert
- ✓ End of week stats notification
- ✓ Automatic emergency call
- ✓ Cyclists ahead notification
- ✓ Family / group safety
- ✓ Road assistance community

COMING SOON

## THE SOLUTIONS

### Eye-Net Offering

#### Protect

Real-time pre-collision alerts to ALL road users by using smartphones

Availability - Available

##### Price

- ✓ FREE, and will remain free forever !

##### Features

- ✓ Side aspect collisions alerts
- ✓ Car brakes ahead alert
- ✓ End of week community stats notification

#### Protect Plus

Real-time pre-collision alerts to ALL road users, emergency service & 2nd wheels awareness

Availability - Available

##### Price

- ✓ Per Month Per User
- ✓ 10 USD

##### Features

- ✓ Side aspect collisions alerts
- ✓ Car brakes ahead alert
- ✓ End of week stats notification
- ✓ Automatic emergency call
- ✓ Cyclists ahead notification

#### Protect Pro

Real-time pre-collision alerts to ALL road users, emergency service, 2nd wheels awareness, family & community added values

Availability - COMING SOON!

##### Price

- ✓ Per Month Per User
- ✓ 15 USD

##### Features

- ✓ Side aspect collisions alerts
- ✓ Car brakes ahead alert
- ✓ End of week stats notification
- ✓ Automatic emergency call
- ✓ Cyclists ahead notification
- ✓ Family / group safety
- ✓ Road assistance community



## THE SOLUTIONS

Unique Characteristics



### MOST ROAD USERS

Protects most road users  
(vulnerable & drivers)



### SIDE IMPACT ALERTS

Identifies threats outside  
the field of view



### HARSH WEATHER

Works under all weather and  
lighting conditions



### ACCURATE

Exceptionally accurate  
design with near zero FA



### GDPR COMPLIANT

Anonymous service.  
Requires no registration



### OS Agnostic

iOS | Android | Linux  
(maximal integration flexibility)



### HANDS FREE

Runs as a background  
process on iOS & Android



### CAMERA FREE

Relies on existing cellular  
infrastructures

EYE.NET

# BUSINESS TRACTION

Main Business Achievement

EYE.NET



## PRODUCT VALIDATION

What have been done to declare commercialization readiness

- ✓ Thousands of simulations
- ✓ Hundreds of demonstrations
- ✓ Dozens of trials
- ✓ A dozen of successful pilots
- ✓ A large-scale trial
- ✓ An extensive technological due-diligence
- ✓ One integration in Israel (In Process)

EYE'NET

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## BUSINESS TRACTION

Business Target Verticals & Geographies



### 3<sup>rd</sup> Party applications

Location-based apps  
(Navigation | Shared  
mobility | Fitness)



### Micro-Mobility

Scooters / e-Bikes /  
Insurances / Mapping /  
Food Delivery



### Automotive

Dashcams and AM /  
OEMs / Tier-1 / Info.  
systems / HUD /  
Motorcycles / Fleets



EYE.NET

# CRITICAL MASS

The way to prove product efficiency

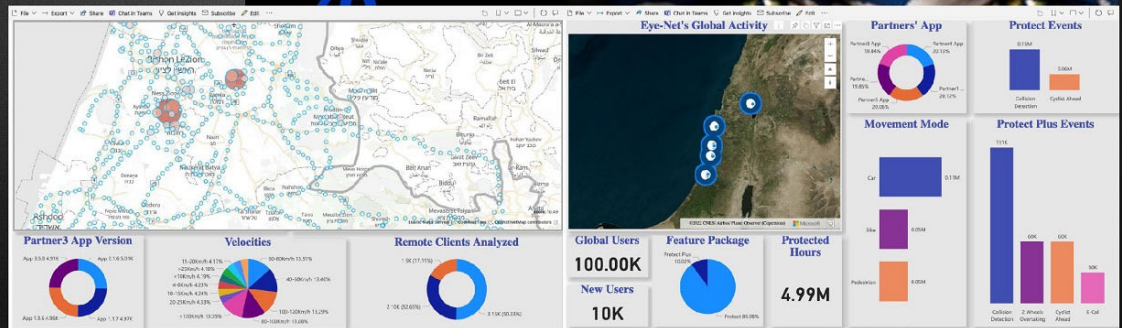
EYE.NET

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# CRITICAL MASS

## Eye-Net Vs Road Accidents

- ❖ In 2021 - 361 people were killed in 333 fatal road accidents in Israel, in comparison to 326 fatalities in 288 fatal road accidents in an average between 2018-2022.
- ❖ Eye-Net is working to agree with a few companies to prove the Eye-Net efficiency
  - ✓ Enclosed territory with very high smartphones adoption
  - ✓ Density - Population / Sqr KM
  - ✓ Ability to protect millions in a single integration
  - ✓ Full transparency and data sharing



# SUMMARY

In A Nutshell

EYE.NET

CONFIDENTIAL

72



## SUMMARY

### In A Nutshell

- ❖ Eye-Net is a global solution that **answers a real need**
  - ✓ Smart | Simple | Save lives | Save money | Short penetration cycle
- ❖ Protects **ALL road users**
- ❖ **First** to the market
- ❖ **FULL** (tried and tested) multi-platform **safety solution**
- ❖ Fruit of **more than 5** years of development
- ❖ **Available** for commercial integration

EYE'NET

# EYE-NET

All Road-Users Safety Solution





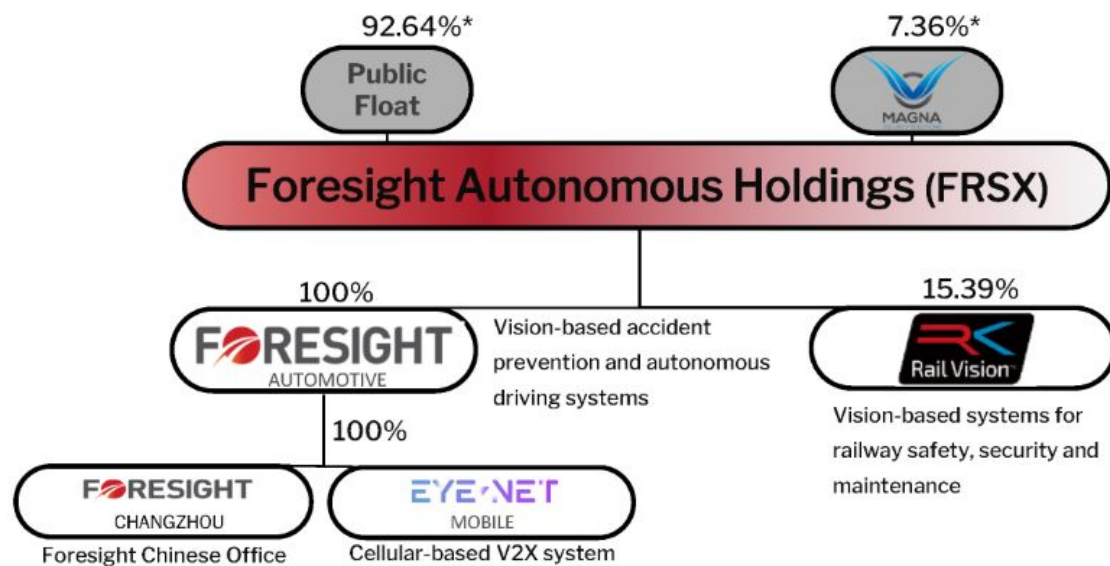
## SUMMARY & Q&A

Haim Siboni

Founder, CEO & Chairman



## STRUCTURE



\*As of September 13, 2022

## SUMMARY & ACCOMPLISHMENTS - ELBIT

- Foresight's solutions replace LiDAR
- Phase 1 + 2 completed
- Proceeding to Phase 3 with an order of \$250,000



## ACCOMPLISHMENTS - HITACHI

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- Paid POC project
- Phase 1+2 **completed successfully**
- Developing a stereo system from existing overlapping cameras – 120° and 200°

**HITACHI**  
Inspire the Next

## ACCOMPLISHMENTS - ZF

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- Paid POC project
- Phase 1+2 **completed successfully**
- **Waiting for phase 3**
- Developing a stereo system from existing overlapping cameras - 120° and 180°



## ACCOMPLISHMENTS - SUNWAY

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- POC project completed
- Signed MOU
- Developing stereo solutions for semi and fully autonomous vehicles



## ACCOMPLISHMENTS – LEADING EUROPEAN OEM

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- Paid POC project
- Phase 1+2 **completed successfully**
- **Waiting for phase 3**
- Developing a stereo system from existing overlapping cameras – 120° and 200°



## ACCOMPLISHMENTS – LEADING AMERICAN EV OEM

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- Signed agreement for paid POC
- ScaleCam™ solution – separating stereo cameras on a large baseline



A white SUV is driving on a winding asphalt road that curves through a misty, mountainous landscape. In the background, a stone castle sits atop a hill. The scene is atmospheric with soft lighting and fog.

**FORESIGHT**

THANK  
YOU!

[Info@foresightauto.com](mailto:Info@foresightauto.com)

[www.foresightauto.com](http://www.foresightauto.com)