



# Electric Cargo Motorbikes For Urban Logistics and Last-Mile Deliveries



# THE TEAM

## Founders



**Netzah Sadeh**  
CEO

Marketing and BD executive, former Corporate startup MD, BD & Marketing Director @ Keter Group

Based in Israel



**Roy Grinfeld**  
CTO

Light Electric Vehicles expert, with vast manufacturing and sourcing network in China

Based in China



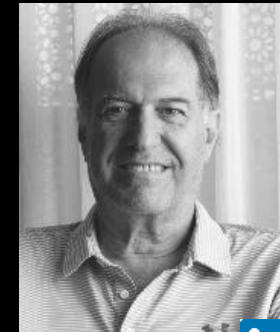
**Orlie Sol Gruper**  
Mobility Nerd  
Entrepreneur

Former Ecomotion CEO, Blitz motors founder



**Justin Dawe**  
Mobility Executive

Former VP @ Bird, CEO @ Scoot



**Tal Sender**

Former President and CEO @ Keter Group

# SURGE IN DEMAND FOR LAST MILE DELIVERIES

Has negative externalities increased traffic congestion and lower air quality within urban areas



The screenshot shows the top navigation bar of the World Economic Forum website with links for 'Agenda', 'Events', 'Reports', and 'Platforms'. Below the navigation, there are links for 'Media' and 'News Releases'. The main headline reads: 'Urban Deliveries Expected to Add 11 Minutes to Daily Commute and Increase Carbon Emissions by 30% until 2030 without Effective Intervention'. There are also buttons for 'MY FORUM' and 'Join us'.



TEL AVIV



NEW YORK



LONDON



BERLIN

# DELIVERY SHOULD BE MADE IN MINUTE

Customers expect to  
get their orders  
under an hour

	<1 Hour Delivery Time
	Small Selection Available
	Two Wheeled Vehicle
	Local Store or Warehouse
	Often Single-Person Households
	Speed Matters



# SCOOTERS ARE NOT DESIGNED FOR DELIVERIES

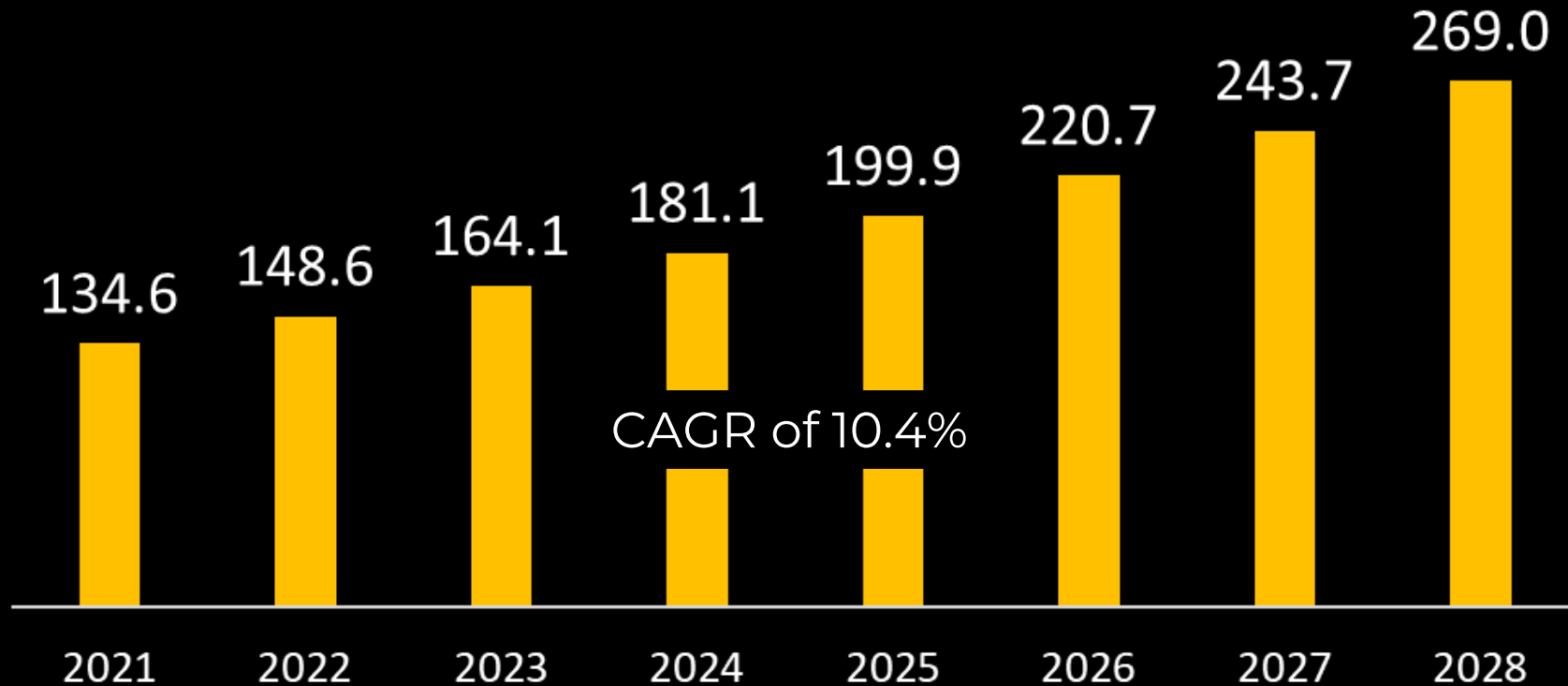
**For years, delivery scooters were nothing more than a passenger scooter with a box**



# LAST-MILE DELIVERY MARKET

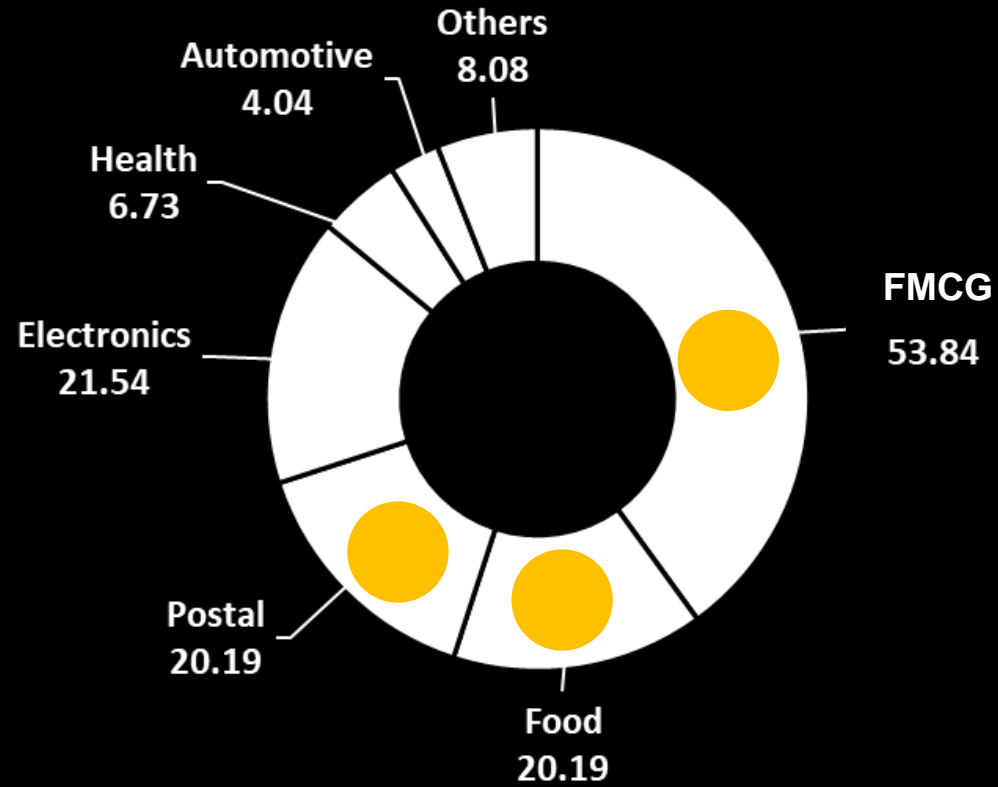
Experiencing strong growth on the backdrop of surging demand for instant deliveries, Q commerce

Global Last mile delivery market \$B



# EVERYTHING BEING DELIVERED

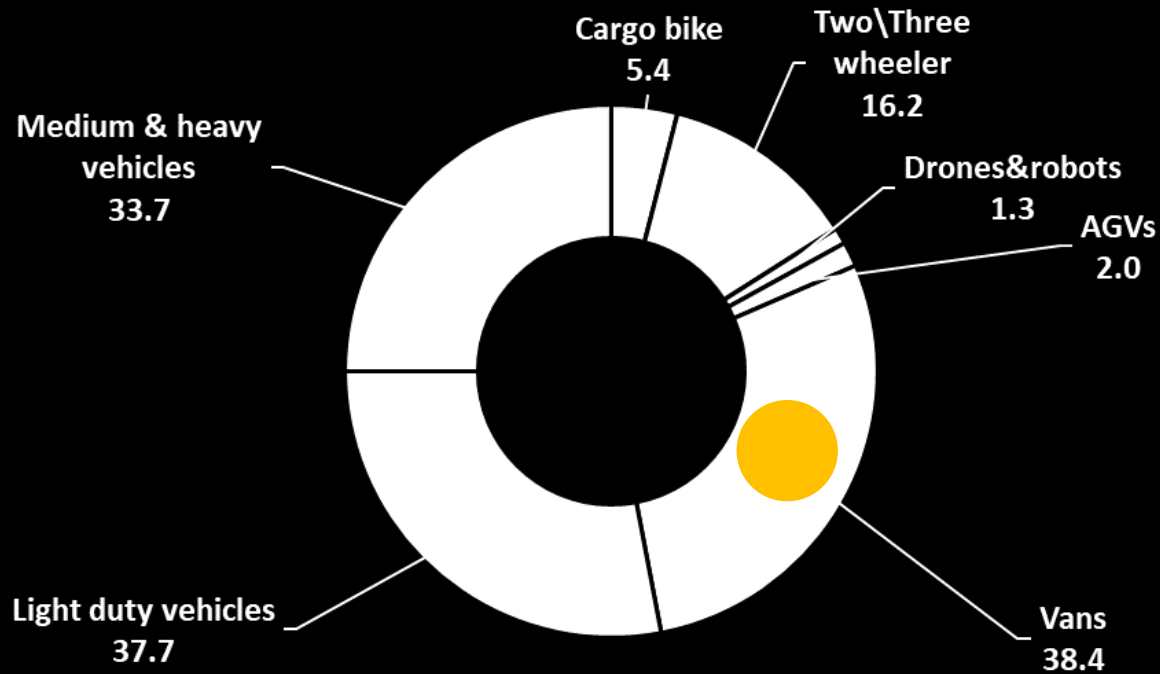
## Industry \$B



● Our addressable market

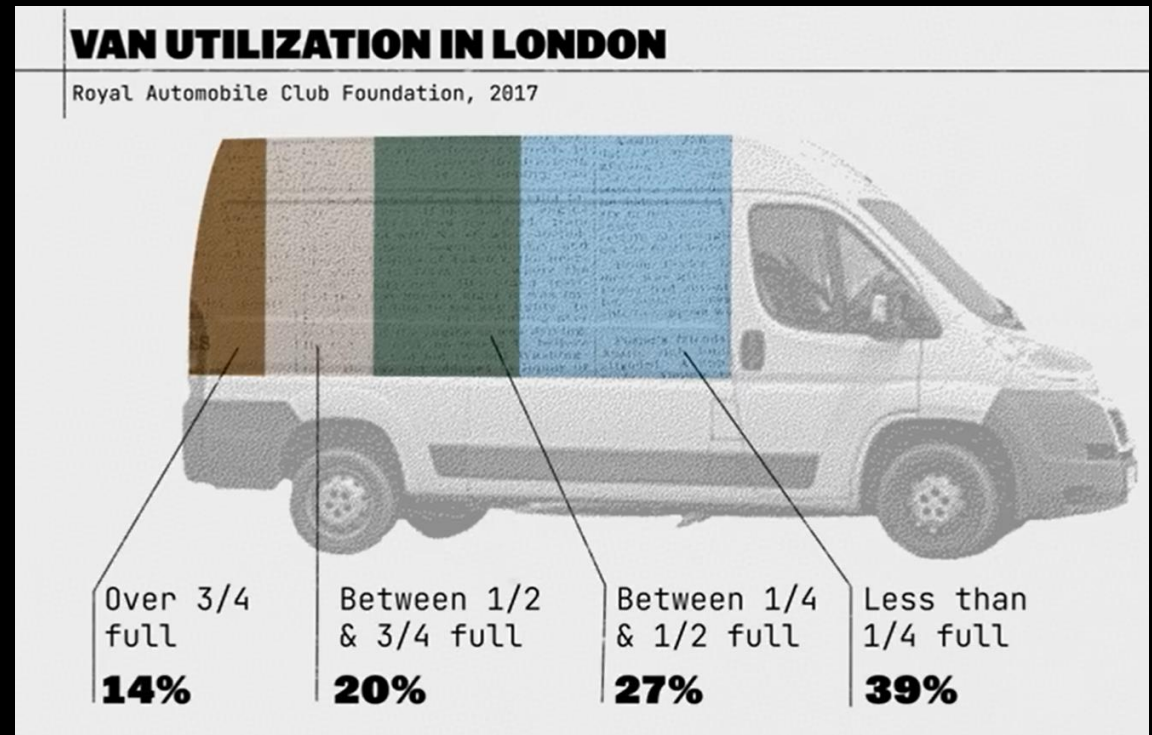
# TOO MANY HALF-LOADED DELIVERY VANS

## Vehicle type \$B



 Our addressable market

## 66% of vans are less than half full





# PROBLEM TO BE SOLVED

## The last-mile delivery market is facing different problems:

- Delivery scooters have a weight limitation
- CO2 emission- regulations against polluted deliveries
- Congestion traffic cause by delivery vans



### EU TARGET: ALL NEW CARS AND VANS TO BE ZERO-EMISSION FROM 2035



In July 2021, the European Commission proposed to revise the Regulation (EU) 2019/631, aiming for zero-emission road mobility by 2035. The target for 2035 is set at a 100% reduction of emissions from new passenger cars and light electric vehicles, as compared to 2021. As an intermediate target, this reduction should be 55% and 50% for cars and vans, respectively. The target indicates that although

[emission](#). The target is needed in order to r with new goals was recently backed by the target means for practice in the article link



SANTA MONICA  
ZERO EMISSIONS  
DELIVERY ZONE



## These Dutch cities will allow only zero-emission deliveries by 2025

Cities in the Netherlands want to make their air cleaner by banning fossil fuel delivery vehicles from urban areas from 2025.

# THE SOLUTION

A patented design 100% Electric Cargo Motorbikes delivering the most efficient solution for the e-commerce growing needs





# PONIE P2



# PONIE P2

## BASIC INFO

### PERFORMANCE

Max. Speed	90 km/h
Range	150 km (@35 km/h)
Weight (with battery)	140kg
Seat height	780mm
Seating capacity	2
Tires	Front 110/80-14 Rear 110/90-12
Brakes	Two channel ABS Front: Disk 270mm Rear: Disk 180mm

### ELECTRIC SYSTEM

#### MOTOR

Motor (rated power)	4000W
voltage	72V

#### INTEGRATED BATTERY

Type	CATL NCM
Power	72V/94AH
Capacity	6.7 KWH
Weight	35KG

#### CHARGING

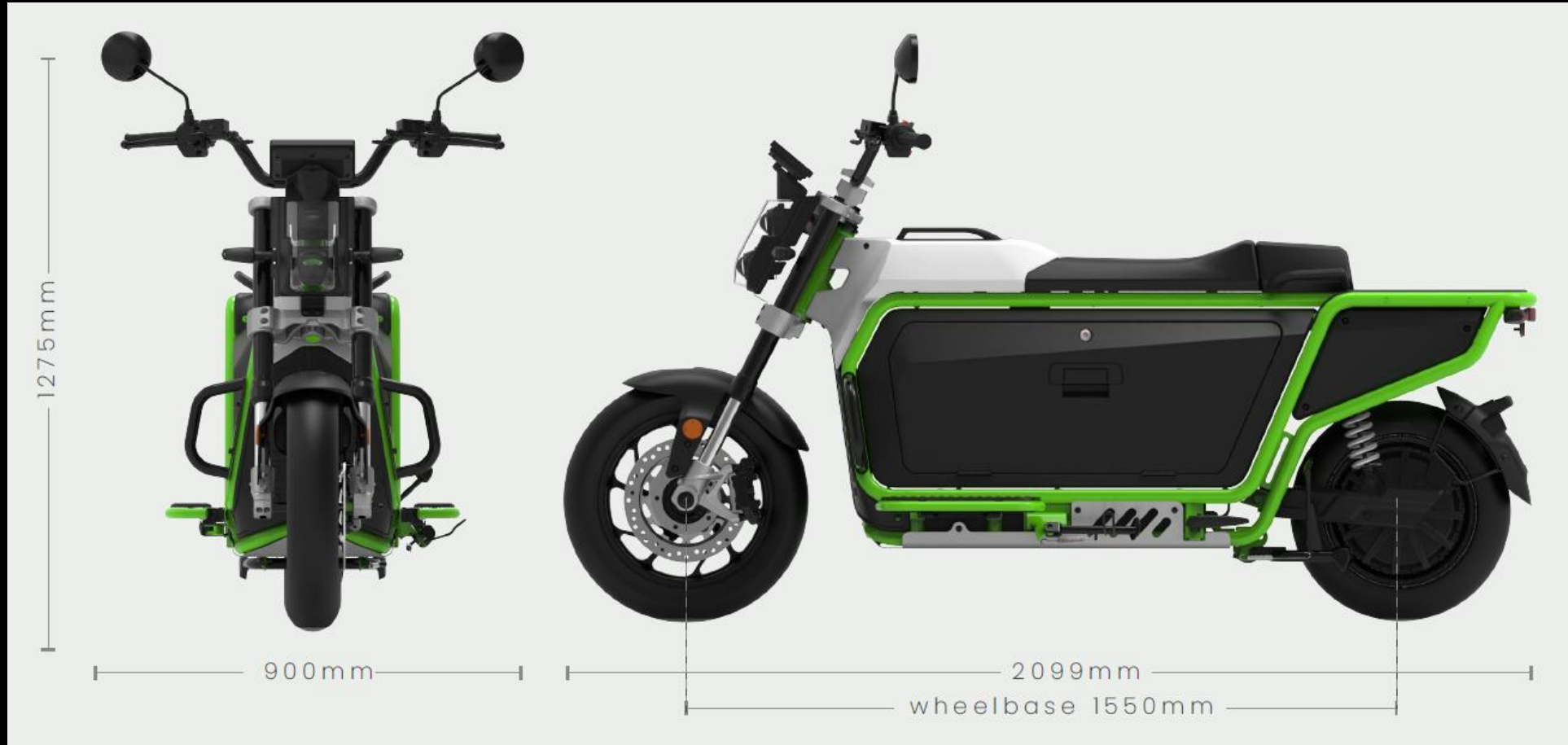
Integrated charger	10A
Fast charging port	up to 50-70A
Charging time (10A)	8.5 hours
Charging time (70A)	less than 1.5 hours

#### USB ports

1 in glove box
1 on handlebar

### HOMOLOGATION

EEC	L3E - A1
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# PONIE P3





# PONIE P3

## BASIC INFO

### PERFORMANCE

Max. Speed	90 km/h
Range	150 km (@35 km/h)
Weight (with battery)	145kg
Seat height	780mm
Seating capacity	2
Tires	Front 90/90-12 Rear 110/90-12
Brakes	CBS Front: Dual Disk 153mm Rear: Disk 180mm

### ELECTRIC SYSTEM

#### MOTOR

Motor (rated power)	4000W
voltage	72V

#### INTEGRATED BATTERY

Type	CATL NCM
Power	72V/94AH
Capacity	6.7 KWH
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#### CHARGING

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### HOMOLOGATION

EEC	L5E - A
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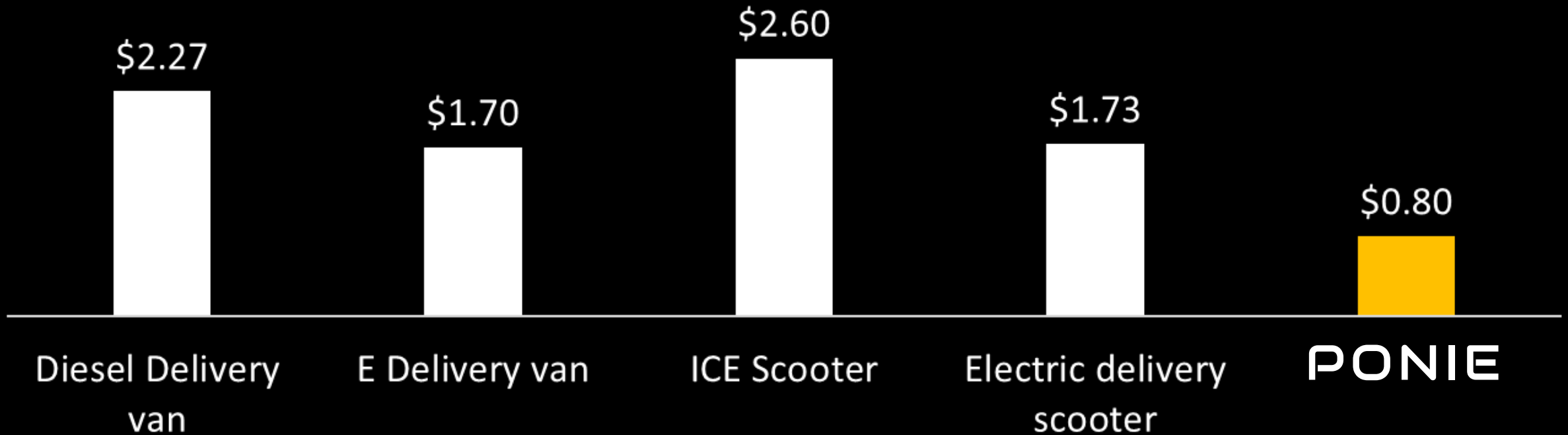
# PATRNSHIPS WITH GLOBAL PLAYERS



Ponie prototype in Israel, demo day at DHL sorting warehouse

# LOWEST COST PER ITEM

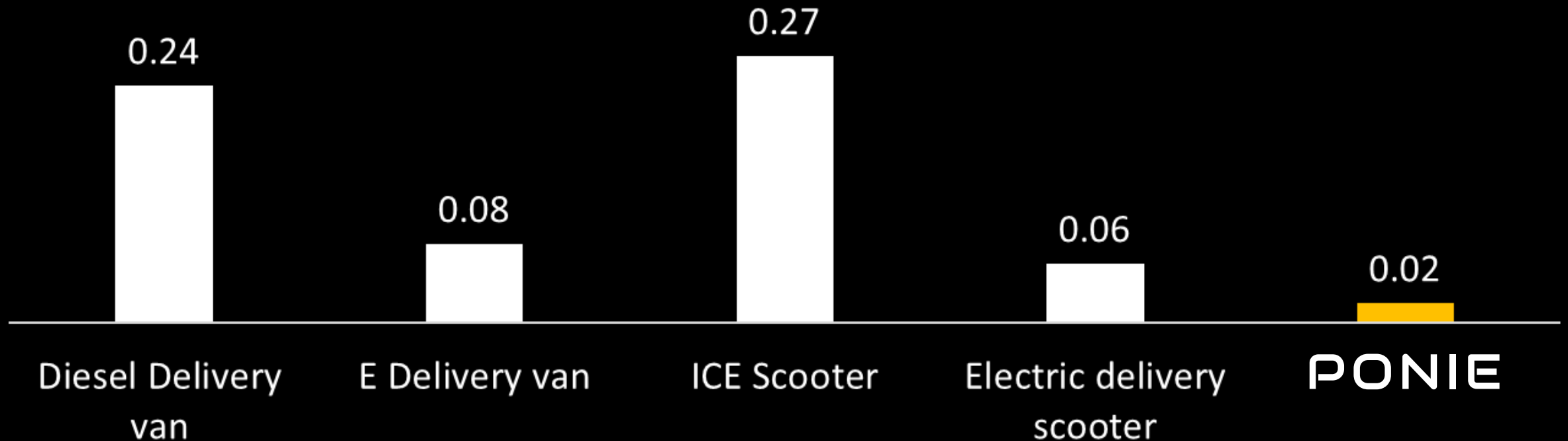
Total Cost of Ownership per item delivered\*



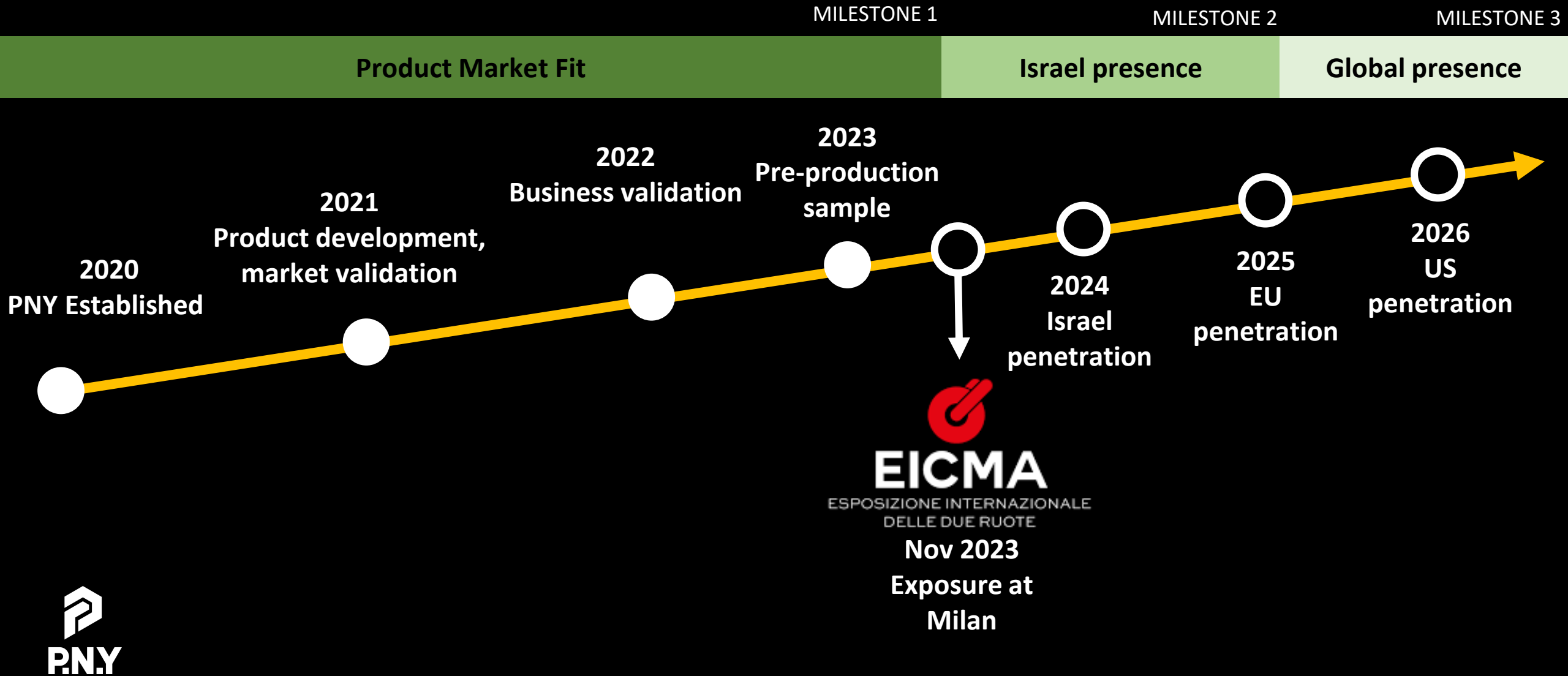
\* Based on TCO per vehicle, divided by annual number of deliveries

# LOWEST CO2 EMISSION PER ITEM

Total CO2 Emission per one kg delivered \*



# MILESTONES







**P.N.Y**

Electric Cargo Motorbike  
For Urban Logistics and  
Last-Mile Deliveries

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