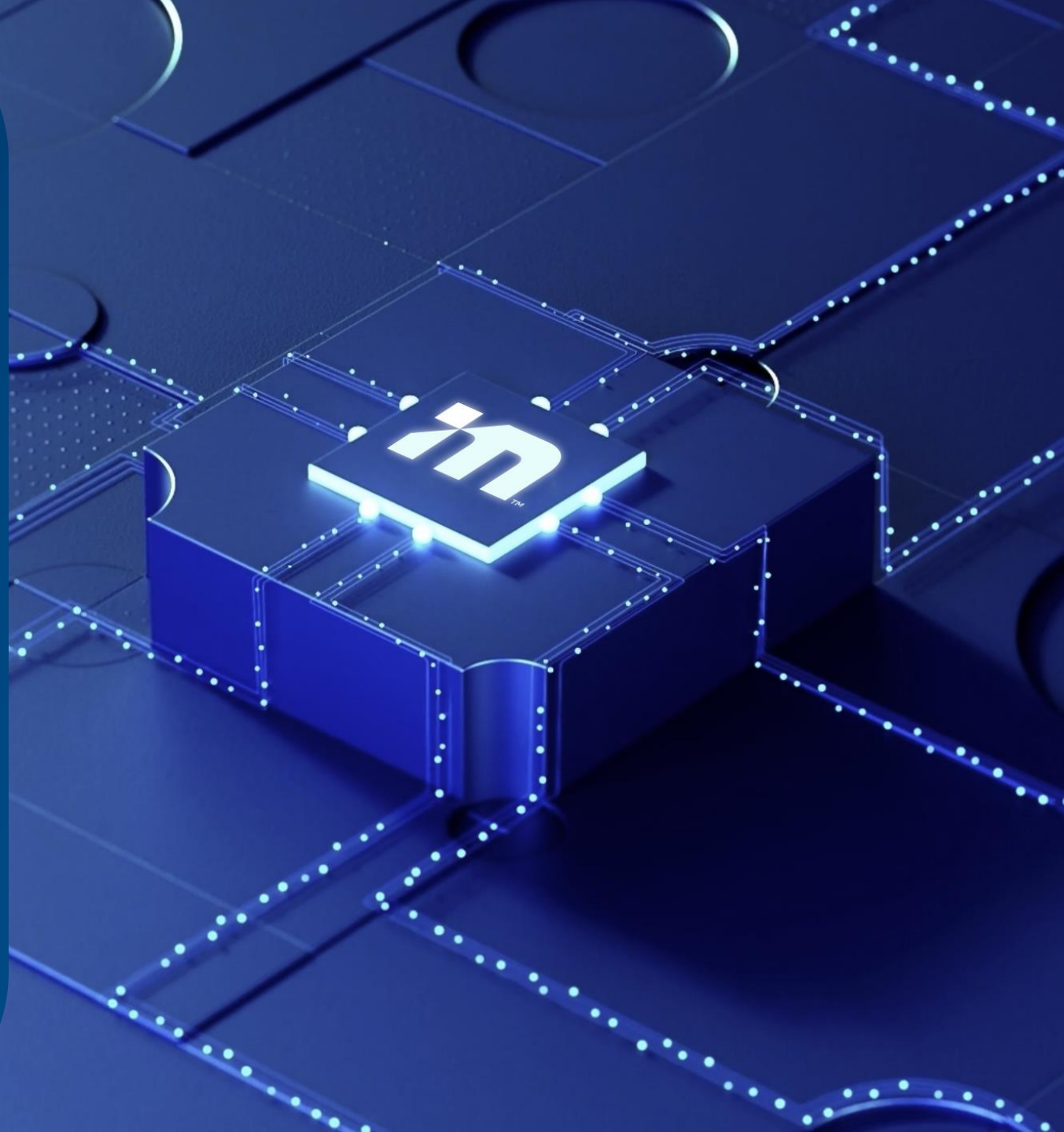


The Mobileye Story

World Leader in Collision Avoidance &
Autonomous Driving Technology

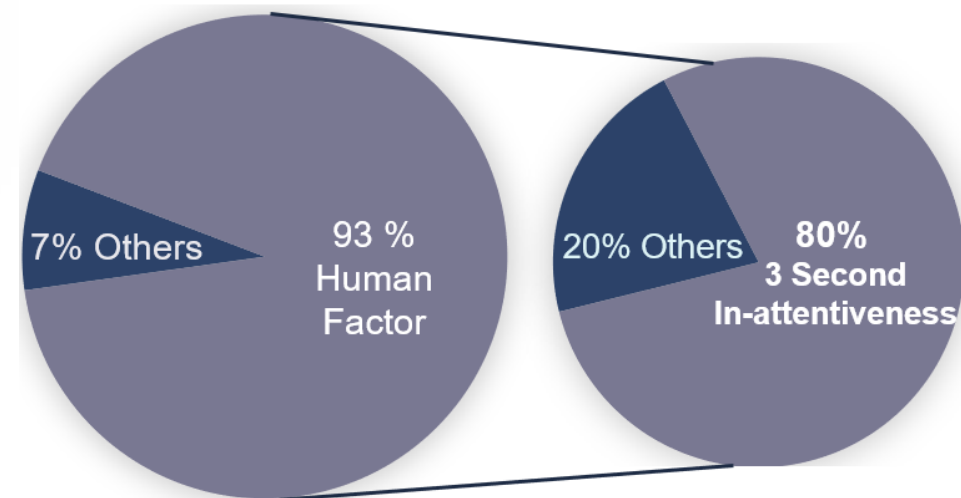


The Need

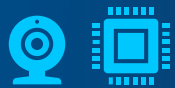
About **1.3 million people die** each year as a result of road traffic crashes.

Nearly half of all road traffic deaths are amongst **vulnerable road users, pedestrians, cyclists and motorcyclists**

National estimates have illustrated that **road traffic crashes cost most countries 3% of their gross national product**



Source | <http://www.who.int/mediacentre/factsheets/fs358/en/index.html>



It started with a camera & a chip in a car

which led to a new category



ADAS

Advanced Driver Assist Systems to prevent collisions

which is leading us to

The Autonomous Revolution



Mobileye Then & Now

1999

Mobileye is founded

2012

1 Millionth Chip Sold
Mobileye becomes #1 supplier of vision-based ADAS

2014

Mobileye goes public on the NYSE

- \$5.3B IPO
- Largest ever Israeli IPO

2017

Acquired by Intel for \$15.3B

- Largest ever acquisition of an Israeli company
- Contributed 4% to Israel's GDP

2020

Intel acquires Moovit

- Mobileye and Moovit will deliver driverless MaaS solutions

2020

Mobileye SuperVision™ for hands-free ADAS is launched

2022

Autonomous mobility-as-a-service launching in Tel Aviv

Mobileye by the numbers

13 offices in 7 cities around the world

3000+

Employees

5
Employees

1999

Today



Headquarters
in Jerusalem

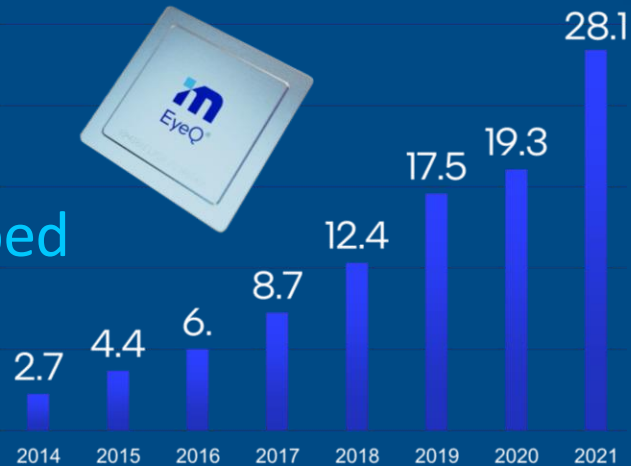
Mobileye by the numbers

1.4B

Revenue in 2021
40% YoY

Over
100M

EyeQs shipped



Over

30

Global automakers rely on Mobileye technology

Over

300

Car models with Mobileye inside



Two Decades of Road-tested ADAS...



Over 100M Vehicles with Mobileye Technology



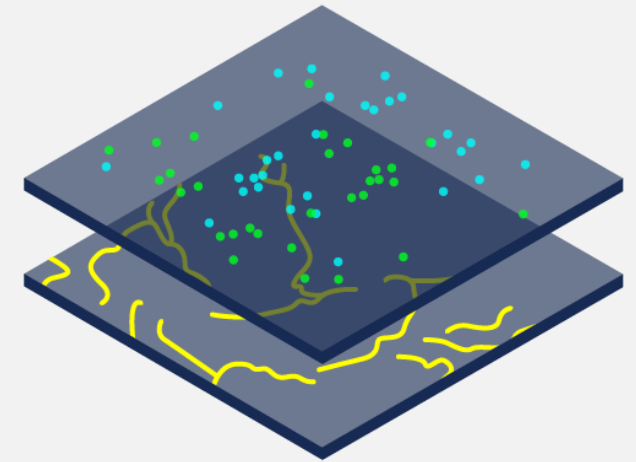
1 Technology 3 Divisions



ADAS



AV



DATA

Importance of Blind Spot Detection





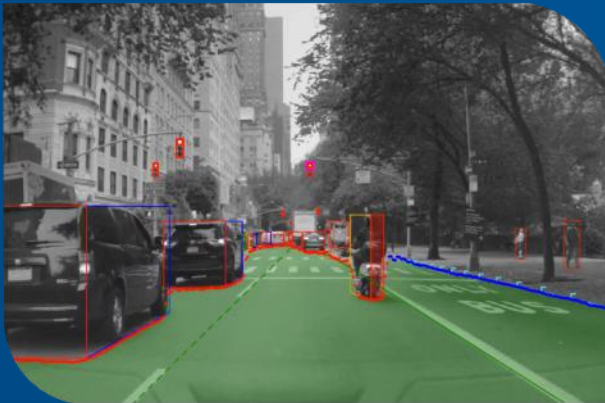
Turn-assist with pedestrian and cyclist detection in blind spots

Building Blocks of Autonomous driving

Sense

Perception of the environment.

Building a world model of the vehicle's surroundings: where we are, other road users, obstacles, traffic lights...



Plan (Driving Policy)

Decision making

"What would happen if"
type of reasoning



Act

Execute the plan (Control):
transform speed and curvature
commands to pedals and steering
wheel commands



in

Driving mode
COMFORT

PRND AV driving in Paris

8
km/h

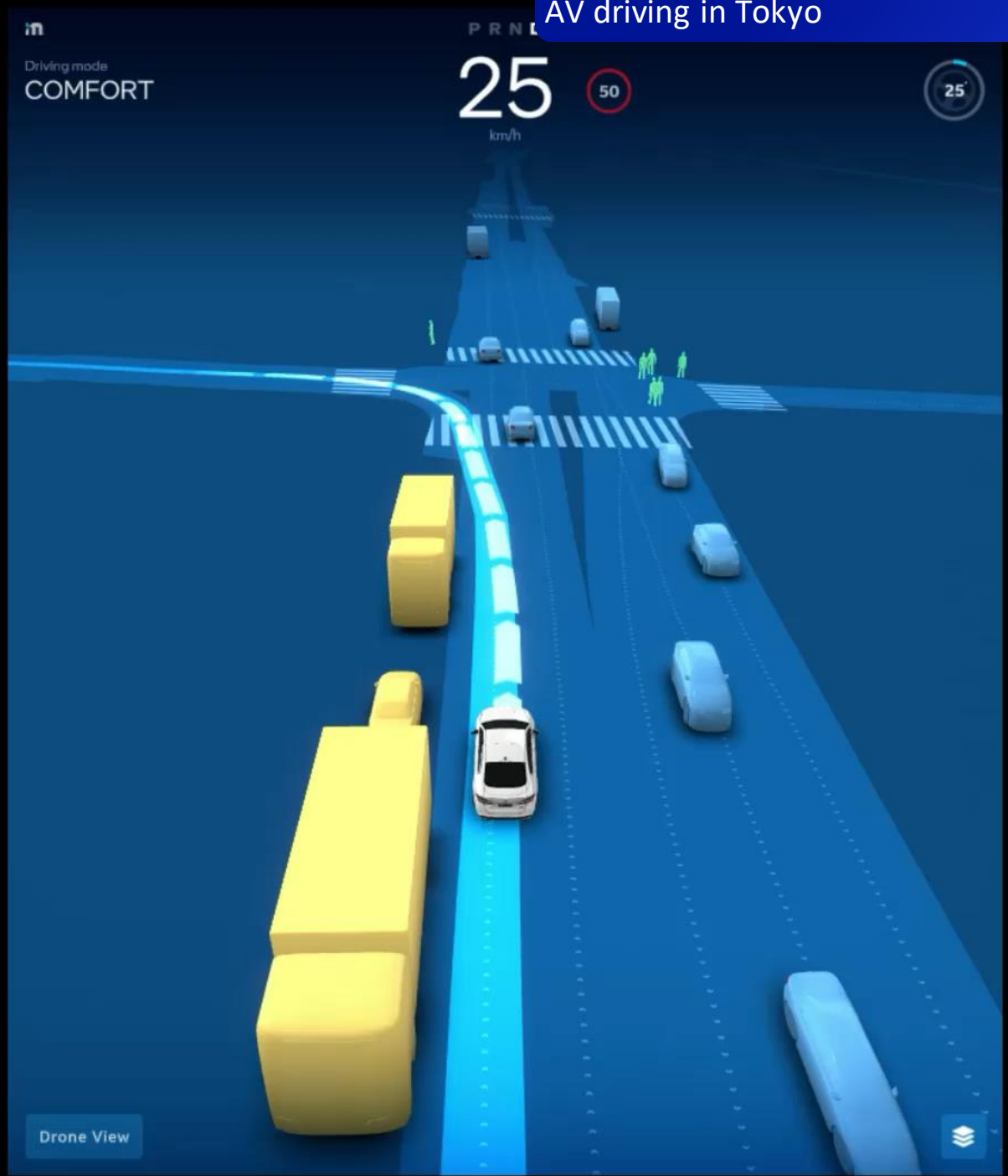
in mobileye
An Intel Company

RATP
GROUP

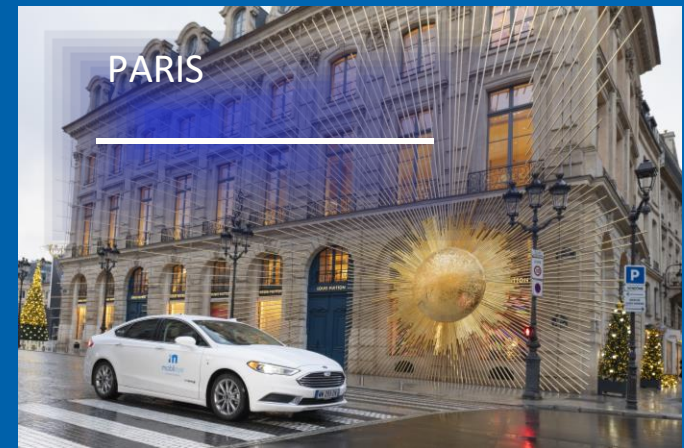
moovit



AV driving in Tokyo



The largest global footprint in the AV industry



Where does this lead us?



New category emerging:
L2+ Premium ADAS

Emerging 2022/2023:
L4 Robotaxi

Emerging 2024/2025:
L4 Consumer AV



How our AVs Know Where to Drive

- Mobileye's solution for mapping the world's roadways from crowdsourced data
- Draws small packets of anonymous data from vehicles equipped with our ADAS cameras
- Uploaded to the cloud to create and update the Roadbook™, Mobileye's constantly growing AV map



How It Works

1. Data collection
2. Aggregation
3. Creating GIS Data
4. Easy integration through API



Volkswagen

Travel Assist 2.5

The first L2+ system to widely use
Mobileye's REM technology



Volkswagen

Travel Assist 2.5

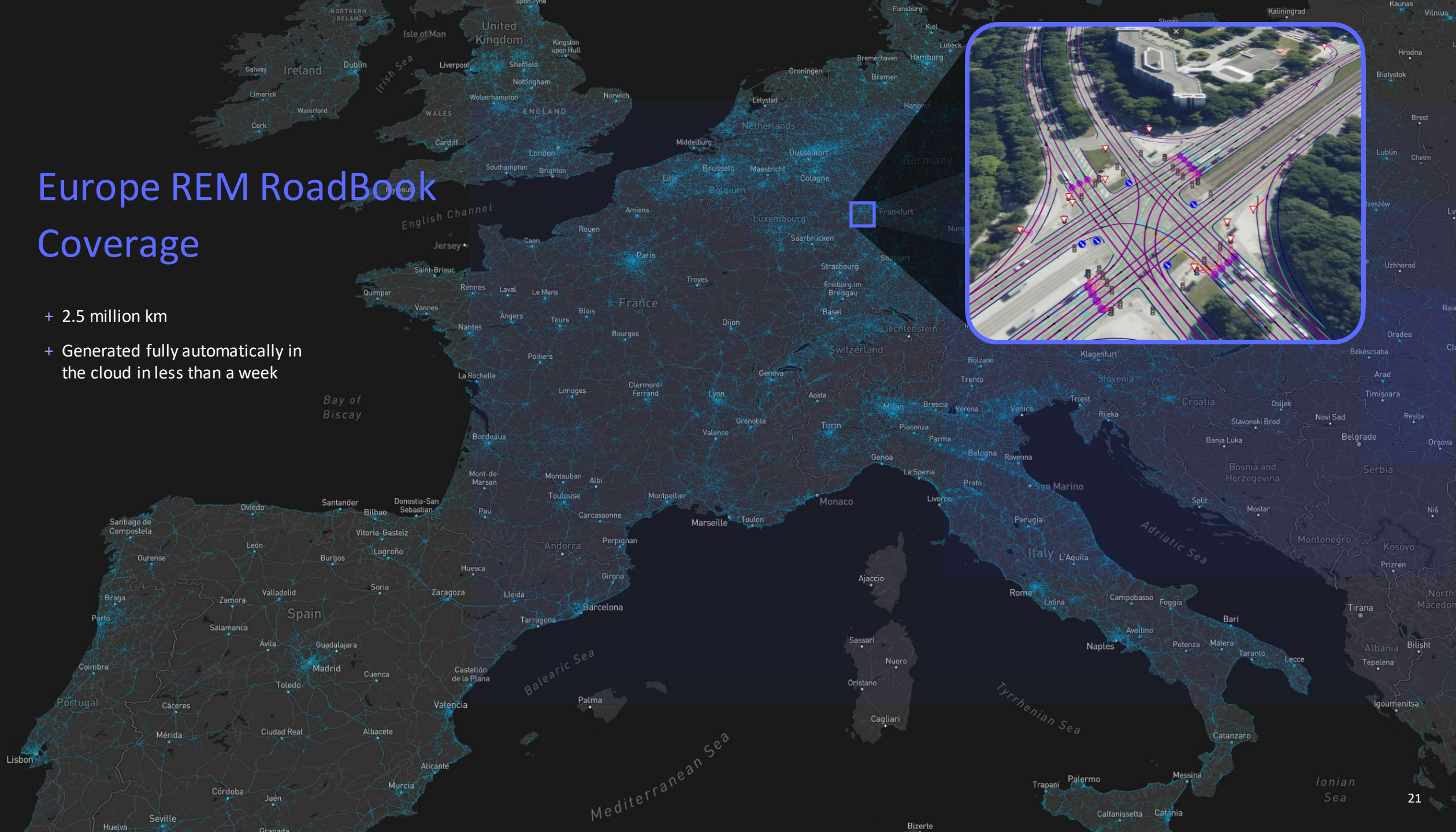
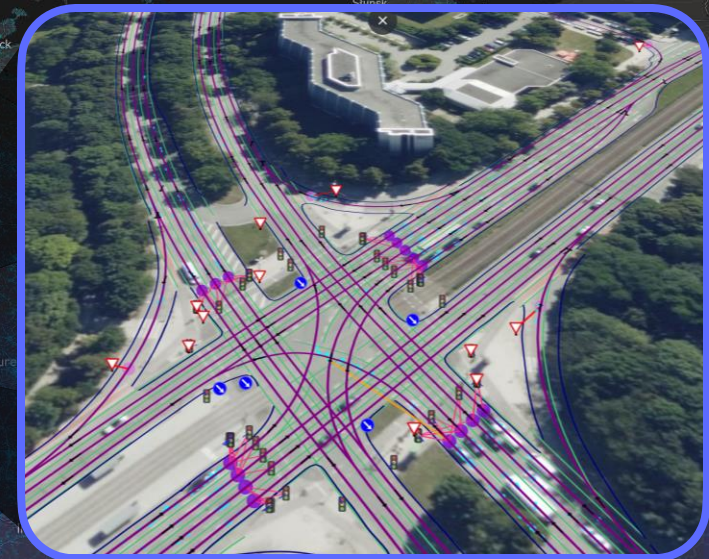
The first L2+ system to widely use
Mobileye's REM technology



Europe REM RoadBook Coverage

+ 2.5 million km

+ Generated fully automatically in the cloud in less than a week



What do **AV maps** have to do with **potholes** and **electrical poles**?



Mobileye: Helping Cities Serve Better



Maintaining
Road Assets



Real-time Traffic
Management



Citywide Mobility
Planning



mobileye®

An Intel Company