



Agencia Nacional del Espectro

Mobileye

World Leader in Collision Prevention Technology
and Autonomous Driving



X CONGRESO INTERNACIONAL DE ESPECTRO

MOTOR DE CRECIMIENTO
ECONÓMICO Y SOCIAL



Mobileye's Three Pillars

Mobileye Vision-Based Tech Leads in Three Streams

ADAS

- 50M + vehicles equipped vehicles
- Best in class CV and SoC for ADAS



Autonomous Driving

- Scalable end-to-end solution for AV & MaaS
- True redundancy
- RSS – Rigorous Safety model



Data Services

- Leading ADAS position to enable crowd sourcing
- Roadscape data is turned into relevant, up-to-date GIS layers to improve mobility and ease road asset maintenance



Autonomous Vehicles - How We Make It Real

Mobileye/Intel Core Assets



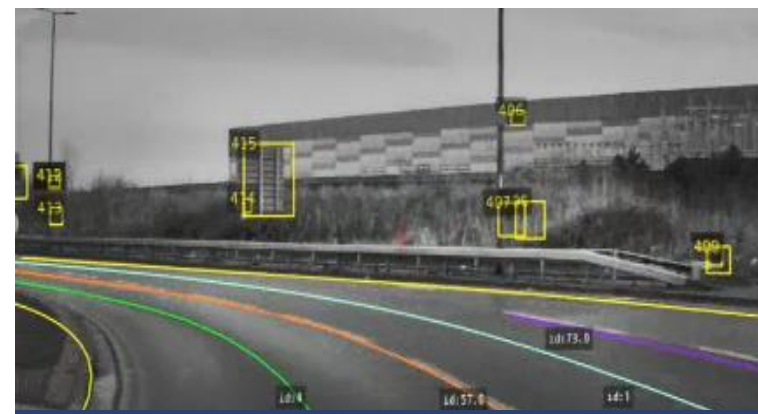
Visual Perception and Sensor Fusion



Computing Platform



Driving Policy and RSS



Dynamic Mapping - REM



12 CAMERAS **Configuration**

The Evolution of AV Technology



Why Robotaxi is a necessary corridor towards consumer-AV?



SDS Cost and complexity in the first years - not acceptable for privately owned cars constraints



Regulation and Validation - RT is easier to govern



Geographic scale at low-cost-mapping vast areas is a prerequisite for AV proliferation

The Evolution of AV Technology

Mobileye's strategy

- **ALL-IN ON THE GLOBAL ROBOTAXI OPPORTUNITY**
- Maximize learnings from Robotaxis to be ready for consumer AV phase

Enablers



ADAS is our validation space for AV technology and the key for sustaining AV development for the long run



REM HD mapping technology to allow global coverage at scale



Camera centric SDS backbone with **True Redundancy** is the key to a scalable solution



Using our **Responsibility-Sensitive Safety(RSS)** formal model of safe driving to facilitate the regulatory discussion

Muchas Gracias!



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