Autonomous Driving Roadmaps Level 1-4 of 30 major Carmakers by 2035

Capture Opportunities for New Revenues, Product Innovation & Growth in Autonomous Driving

Auto2x, Autonomous Driving Roadmaps 2030

LONDON, UNITED KINGDOM, February 28, 2025 /EINPresswire.com/ -- Auto2x publishes a new 200+ page report Autonomous Driving Roadmaps Level 1-4 of 30 major Carmakers to map the gold rush to Autonomous Vehicles.

This report examines the go-to-market strategy, technology & innovation, and market positioning of the world's Top-30 Carmaker Groups, which includes more than 45 passenger car brands in Autonomous Driving.

> Autonomous Vehicles hold strong potential to open new revenue pools and competitive advantage. Decode the strategies of carmakers, their technologies and market leadership."
>
> *Auto2x*

The analysis unveils the fitment rates of different levels of vehicle automation (SAE Level 1-4) across vehicle carlines and their roadmap for 2030. This includes driving and parking features, sensors like radar, camera, HD maps, and the supply chain.

WHAT THIS REPORT DELIVERS

1) Learn About the Status of Autonomous Driving and the Outlook in the major car markets

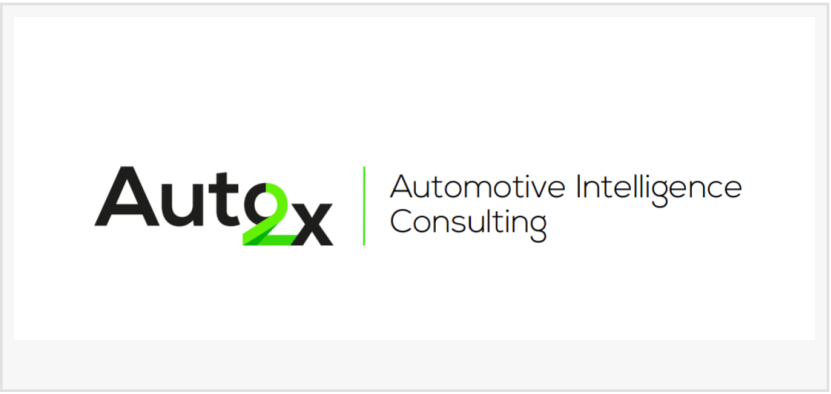
What is the availability of key ADAS features, such as

- Level 3-Traffic Jam Pilots and Highway Pilots,
- Level 2-Traffic Jam Assist, Highway Assist, Navigation on Autopilot, Automated Lane Changing and Self-Parking,
- Level 1-AEB, ACC, LKA,
- Level 0-TSR, LDW etc.

What is the penetration rate of SAE Level 0-3 in European, U.S. & Chinese car sales?

Which OEMs lead L2-3 deployment and why?

Which are the most prominent features from premium and volume carmakers?



What are the emerging trends in sensor fitment strategies, architectures, and supply chains?

What changes are coming in terms of the deployment of Lv.2 and L3-4 by 2025?

2) Understand the Regulatory and Engineering challenges carmakers for Level 3-4

What is the status of Autonomous Driving Regulation in major car markets?

What are the differences in the legal and regulatory framework between Europe, the United States and China? How will these differences in policy affect Level 3-Level 5 deployment?

Which geography presents the most favourable environment for deployment of Level 3?

What breakthroughs are required in the area of SW/HW and validation for L3-4?

3) Read How Carmakers Plan to Overcome the Challenges

How do leading OEMs plan to achieve Level 4/5 capabilities? By when?

Analysis of OEM strategy, new business models and key collaborations

Learn why leading Tier-1s are well-positioned to monetize ADAS growth.

METHODOLOGY

Definition of the ADAS features included in each level of vehicle autonomy/AD level

- Identify the most prevalent ADAS features for the purposes of safety and convenience § Categorize them based on SAE levels-> extract key features in L0-3. Examine the ADAS feature availability in 33 leading carmakers' models
- ADAS feature availability in OEM model offerings, (e.g. 100% ACC fitment in Tesla) § Apply car sales by model to calculate feature penetration by OEM

Level 0, L1 and L2 feature penetration in Europe as % of new car sales § L2 leaders by share in sales and model offerings
- Outlook for L2-L5 and the shares of leading OEMs

Leading OEMs' roadmap to L2, L3, L4, L5
- OEM announcements, annual reports, other publicly available information
- Our own analysis and projections about Autonomous Driving deployment

Profiles for the leaders in Autonomous Driving
- ADAS portfolio analysis, sensor set, suppliers
- Outlook for mix of L2-5 model range mix
OEM AD roadmap & feature (technological) roadmap to L5 § Segmentation into Driving and parking features
- Sales mix L2-4 driving & parking roadmap

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Mariola Skoczynska
Auto2x LTD
+44 7426 975395
gs@auto2xtech.com
