

SIP-adus

— Mobility Bringing Everyone a Smile —

Cross-ministerial Strategic Innovation Promotion Program



1 Research and Development of Automated Driving Systems

Promote R&D focused on 5 key technical issues in cooperative fields requiring industry-academia-government coordination

- ① Develop sophisticated dynamic maps
- ② Research toward formulation of guidelines for Human Machine Interface (HMI)
- ③ Establish an evaluation method for information security
- ④ Advance basic technologies to reduce pedestrian traffic accidents
- ⑤ Deploy next-generation urban transportation

2 Conduct Large-Scale Field Operational Tests

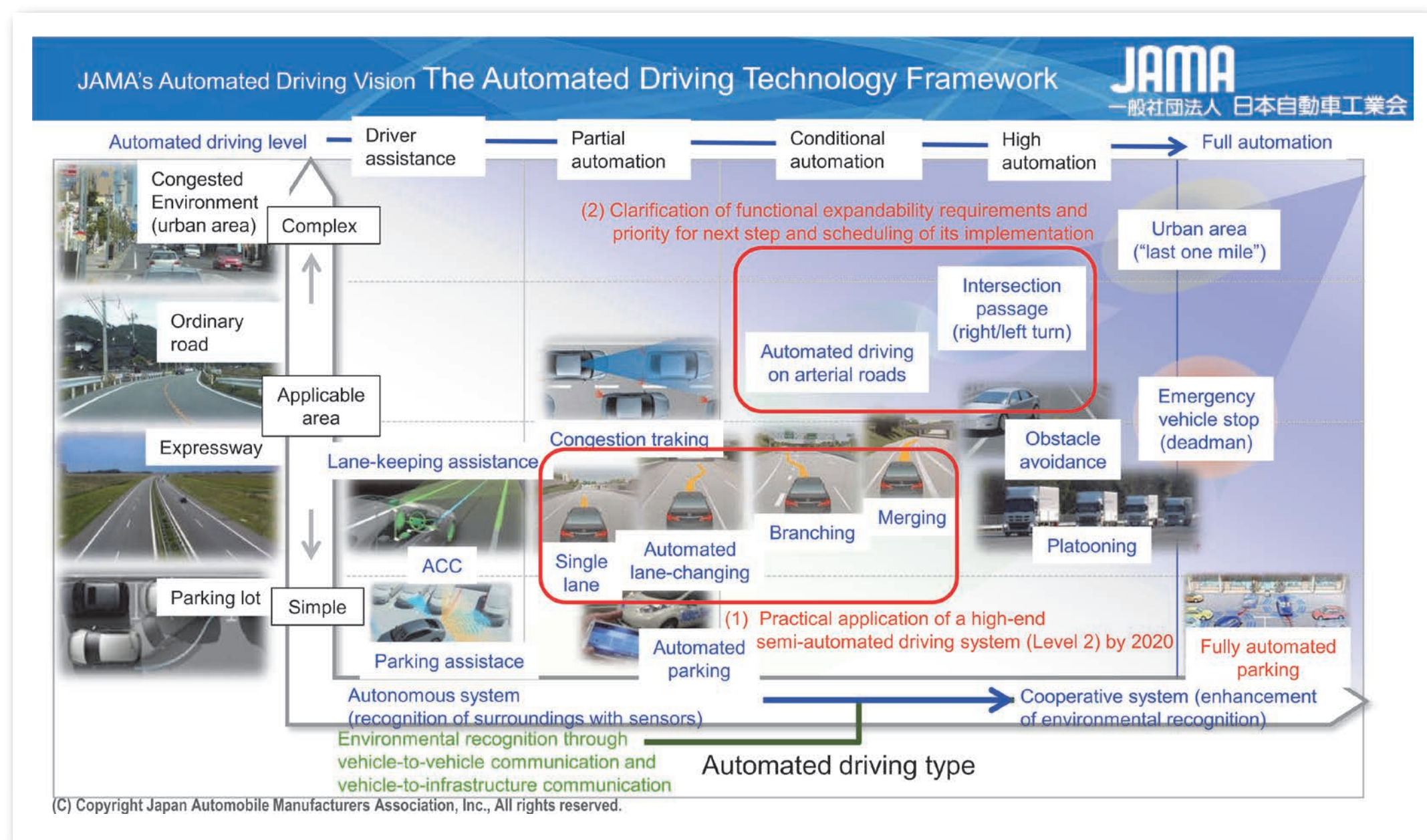
- Field operational tests related to the above 5 issues in collaboration with the auto industry Regional Expansion
- Technical survey on public buses with automated driving systems in Okinawa
- Automated driving services based at “Michi no Eki,” roadside rest areas in mountainous regions

3 Promote International Cooperation and Standardization

- Proactively drive forward activities toward international cooperation and standardization, including convening international workshops and proposing global standards at international conferences

4 Promote Practical Application & Commercialization to Realize “Society 5.0”

- Proactively promote activities aimed at practical application & commercialization of R&D achievements, such as expanding multi-purpose application of dynamic maps and establishing business models



Retrieved from http://www.jama-english.jp/publications/On_the_road_to_automated_driving.pdf

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Profile

Mr. Kuzumaki received a master's degree in aeronautical engineering from Kyoto University in 1985. The same year, he joined Toyota Motor Corporation in the Body Design Department. In 2003, he began working in technology planning and technical development as the vehicle safety function supervisor in the Vehicle Technology Development Department at Toyota. He has served in his present post since 2017. Following his appointment as Sub-PD for the SIP Automated Driving System program for two years from 2014, he was appointed PD in 2016.

