TRAVEL BEHAVIOR IMPLICATIONS AND MODELING OF AUTOMATED VEHICLES

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Background

- Automated driving technology is expected to enter the market in the years to come.
- This will have far-reaching implications on travel behavior, activity participation and land use.
- Only 2 of the 25 largest MPO in the US mention automated vehicles in official long-range regional transportation plans (Guerra, 2015)
- We need to prepare for the arrival of this technology by thinking on the investment and policy implications TODAY.









Ontario Must Prepare for Vehicle Automation

Automated vehicles can influence urban form, congestion and infrastructure delivery

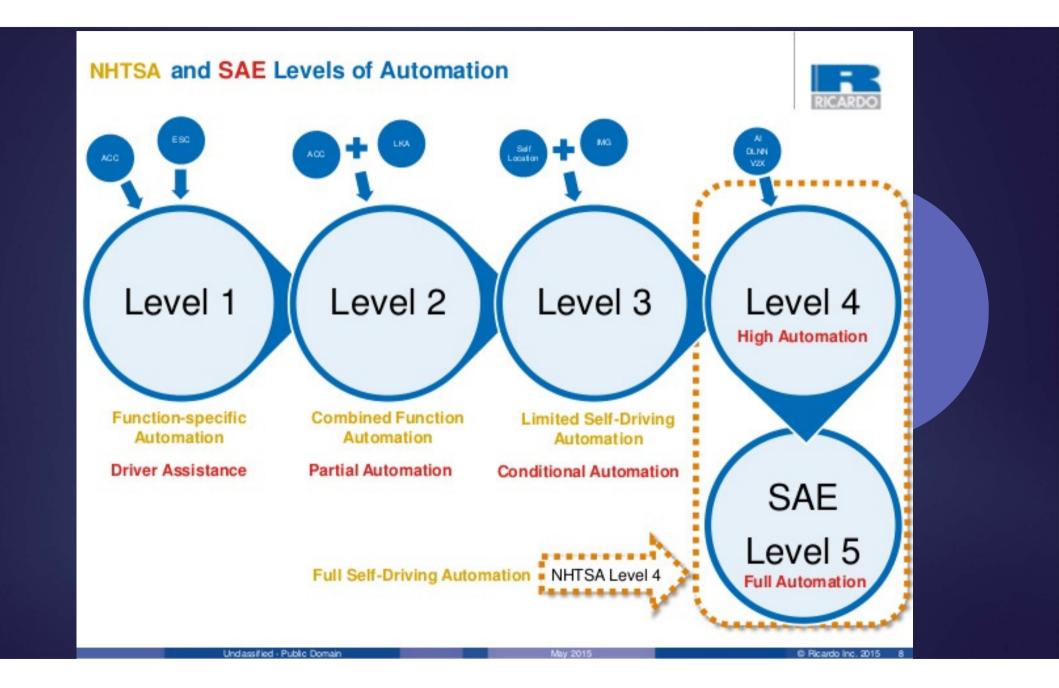


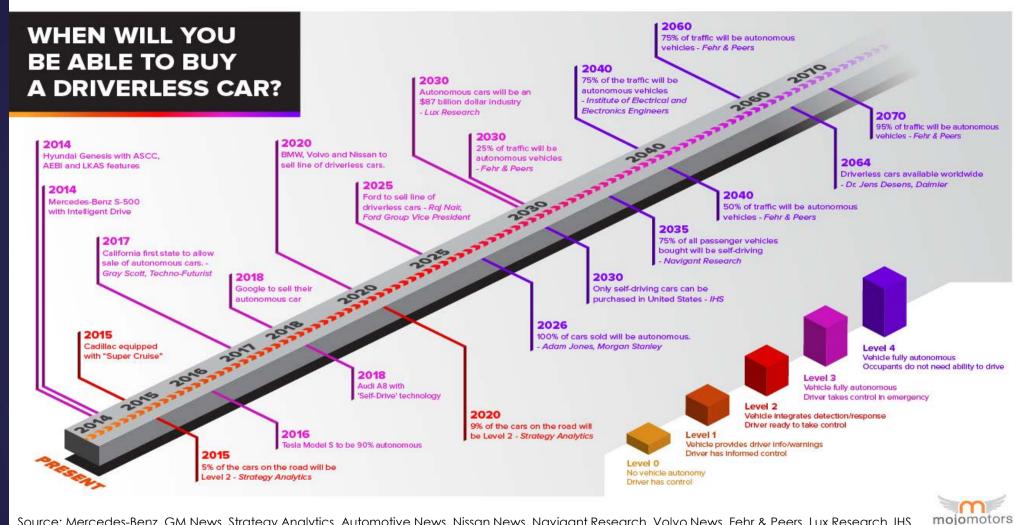
Some Terms

Automated/autonomous/driverless

Connected/unconnected automated vehicles







Source: Mercedes-Benz, GM News, Strategy Analytics, Automotive News, Nissan News, Navigant Research, Volvo News, Fehr & Peers, Lux Research, IHS

Into the Future: Technology Roadmap

