FLEXIBLE PARKING FOR THE FUTURE
Responding to market demands and transportation choices
# Speed of Technological Advancement

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Source: Mashable, June 2016
WHEN WILL AUTONOMOUS VEHICLES ARRIVE?

Level 4/5 Autonomous Vehicle Penetration

- **2030**: 25% of US miles by autonomous vehicles³
- **2040**: 75% of all vehicles are autonomous⁴
- **2050**: Traffic fatalities reduced by 90%⁵
- **2060**: Cities restrict human driving²

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- **2025**: 100 cities with large AV fleets²
- **2025 - 2030**: Level 4: Highway¹

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Sources: ¹Nissan, Toyota, Ford, BMW etc.; ²nuTonomy estimates; ³BCG; ⁴IEEE; ⁵McKinsey

Legend
- Red: Personally owned vehicles
- Blue: Mobility fleets
Economics

Cost per Mile: Shared vs. Owned

Source: Morgan Stanley (2016)
Other Predictions

Lyft: Within in 5 years “or so” majority of Lyft trips on AVs (billion trips annually)

Uber: Yep

ReThinkX: 95% of US trips in 2030 will be via shared automated vehicles

Prof. Steve Shladover: Nope, will take longer

Bottom line: Regardless of timetable, consensus that fleets will lead AV deployment; powertrains will be electric
Parking Industry Adaptations

Metered pick-up/drop-off locations
Privatized street space revenue generator
Accommodation of new personal vehicle types
  • Electric bikes
  • “Pod” vehicles
Last mile freight depots
Shared AV support facilities—e.g., charging, cleaning
Real estate repurposing
  • Structures
  • Land
Contact Information

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