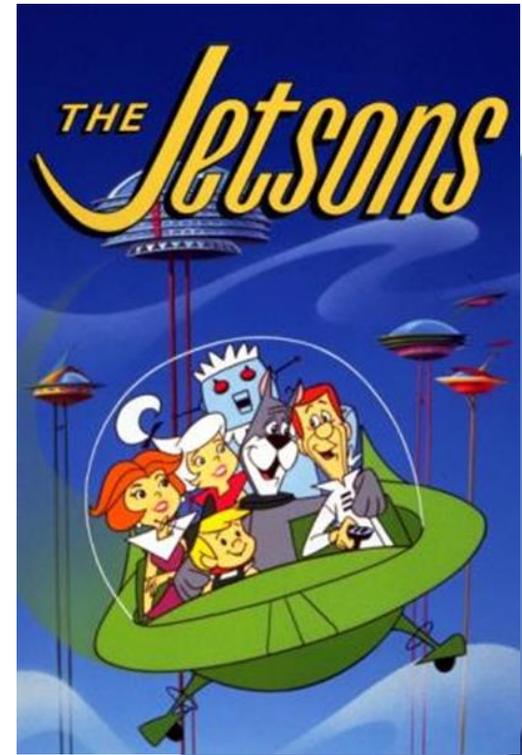


# Vehicle Automation: Status of the Industry

Blaine D Leonard, P.E., F.ASCE  
Transportation Technology Engineer  
Utah Department of Transportation



# Here come the driverless cars

The big question is whether humans are ready to hand over the keys



By THE WASHINGTON TIMES - - Tuesday, May 7, 2019



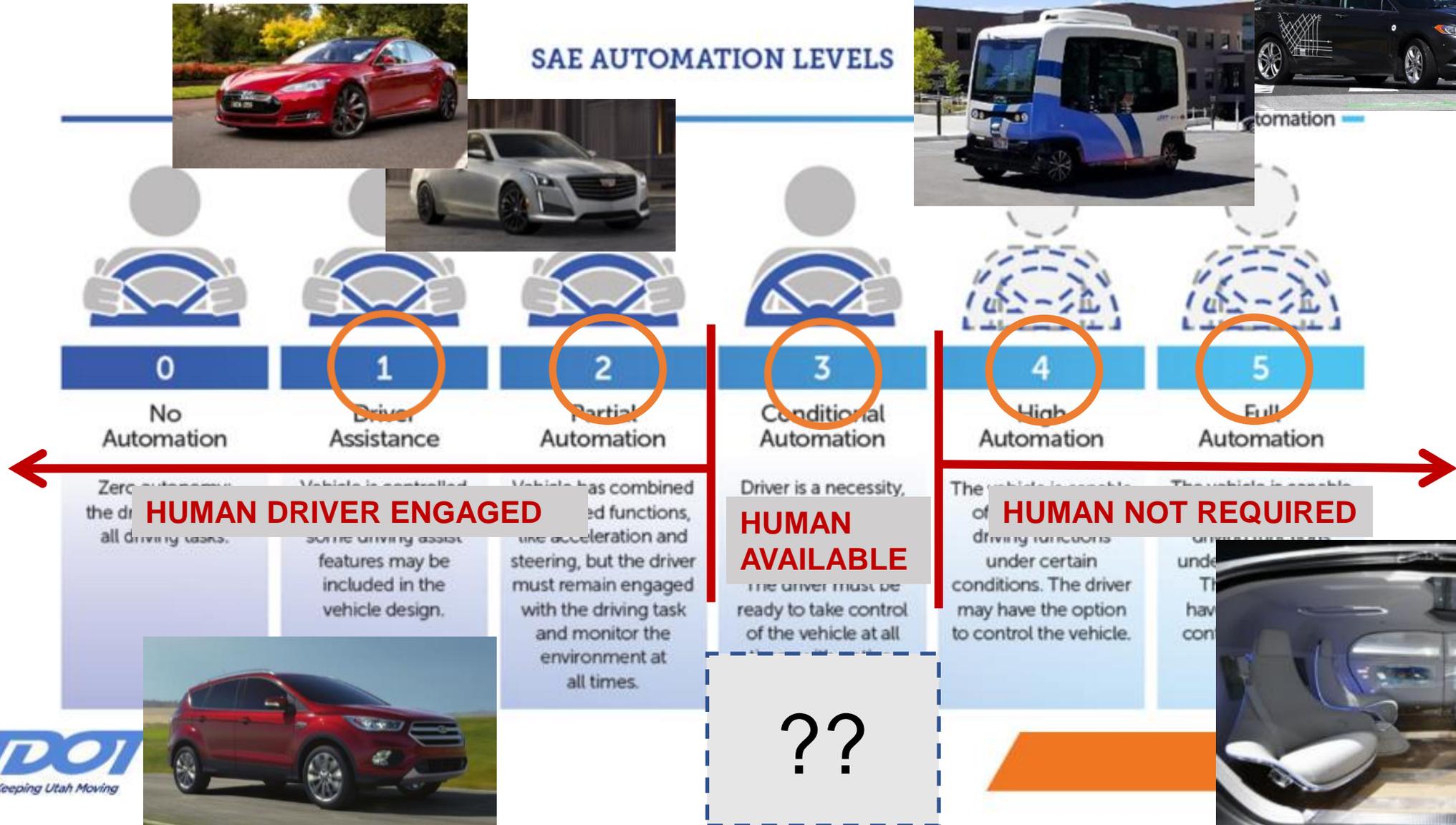


- 80 companies are testing automated driving systems in 36 states
- Automated driving can result in:
  - Fewer crashes
  - Increased access
  - More efficient freight movement



# Levels of Automation

## SAE AUTOMATION LEVELS



# When Will They Be Here?

- Level 1 and 2 already are (driver required)
- Level 4 is being tested in limited locations
- Level 5 is a decade (or two) away
- Deployment will be incremental
- Economic viability will be a factor, along with technology



## It's 2020. Where are our self-driving cars?

Self-driving cars are on their way. They're closer than they were a year ago. When they'll actually get here is anyone's guess.

Vox.com

Feb 28, 2020