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FLEXIBLE PARKING FOR THE FUTURE

Responding to market demands and transportation choices

Speed of Technological Advancement



Manufacturer	2016	2017	2018	2019	2020-25	2025-30	2030-35	2035-40	2040+
Audi 	2		3		3+	4/5			
	2				4/5				
				2	4/5				
	2				3				3-4
KIA 					3		4/5		
 Mercedes-Benz	2								
NISSAN	2		3		4/5				
 TESLA	2		4/5						
VOLVO 	2	4/5							

Source: Mashable, June 2016

WHEN WILL AUTONOMOUS VEHICLES ARRIVE?

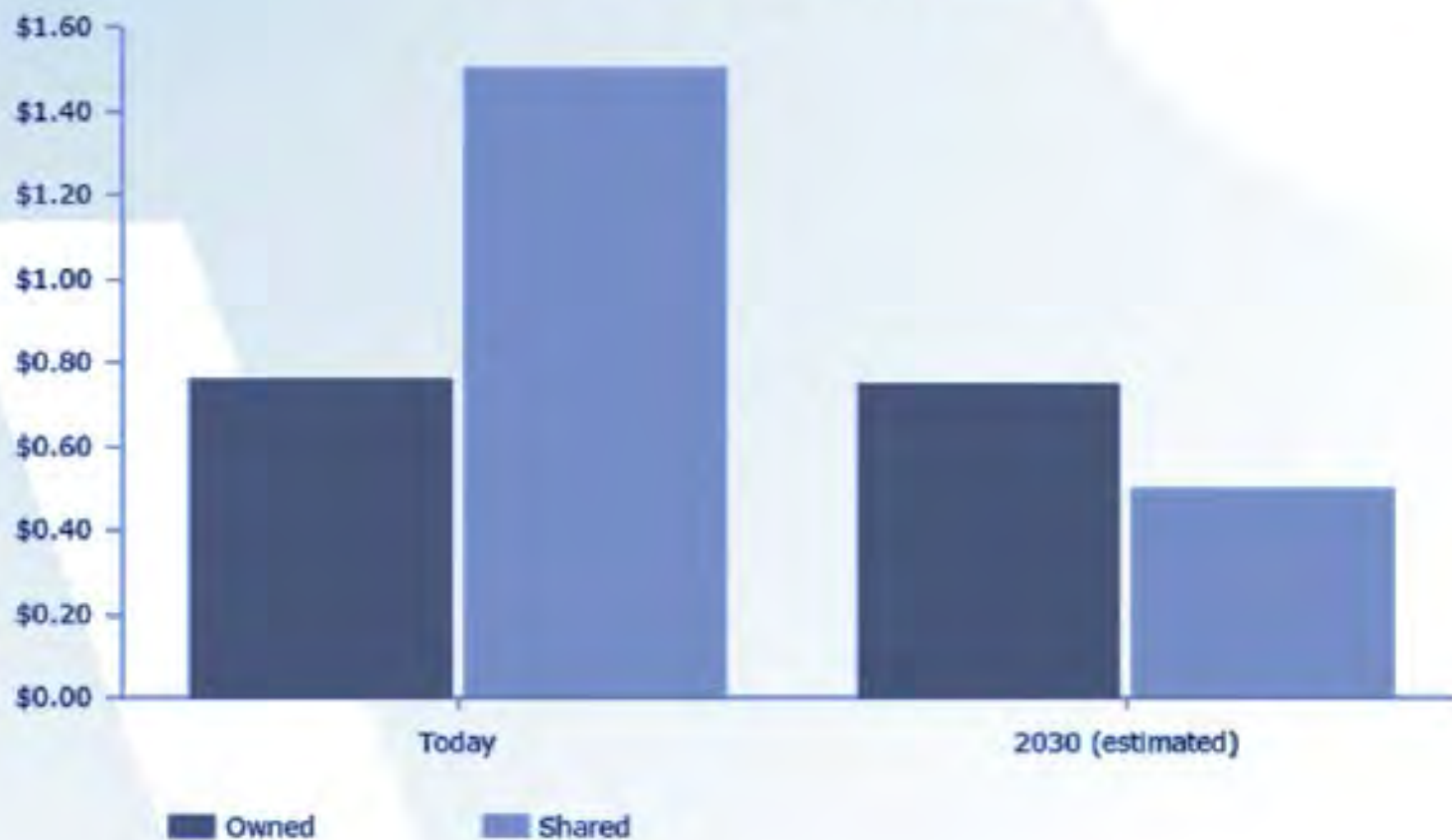
Level 4/5 Autonomous Vehicle Penetration



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)

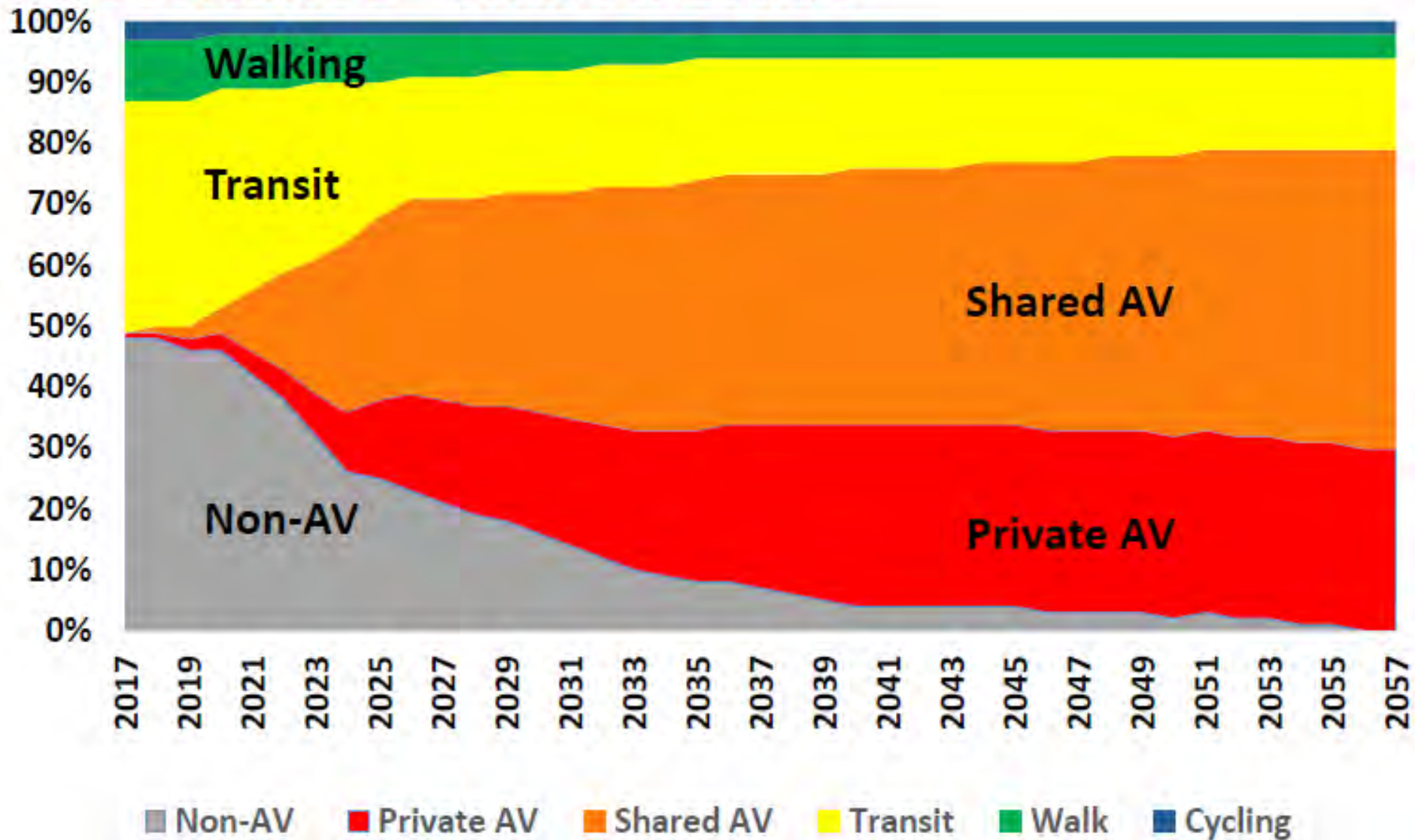
Uber: Yep

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

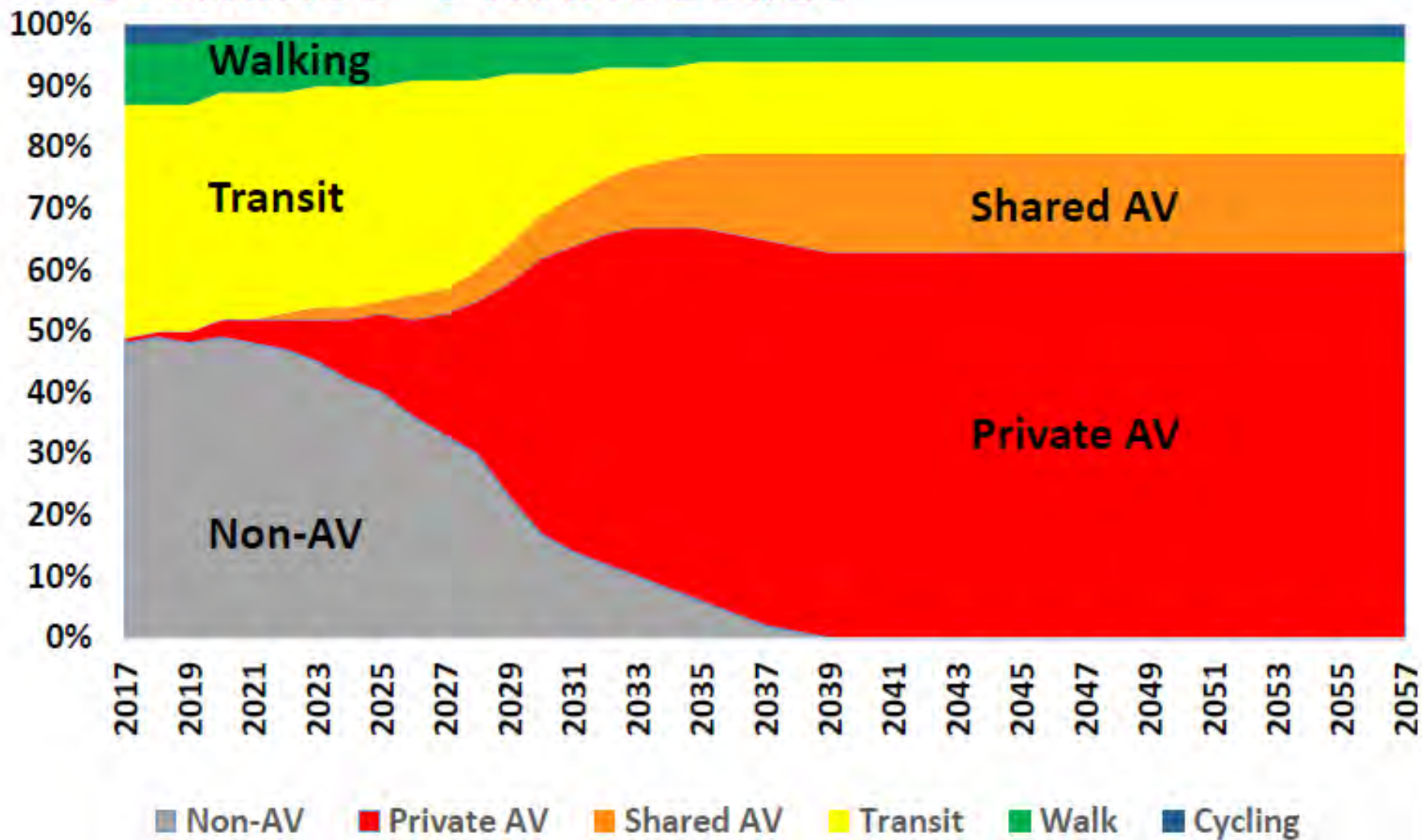
Prof. Steve Shladover: Nope, will take longer

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

Scenarios - Shared Leads



Scenarios - Private Leads



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

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