

National Academies of Science
Oct 28, 2021

**Meeting the Moment
with Scalable and Equitable
EV Charging**

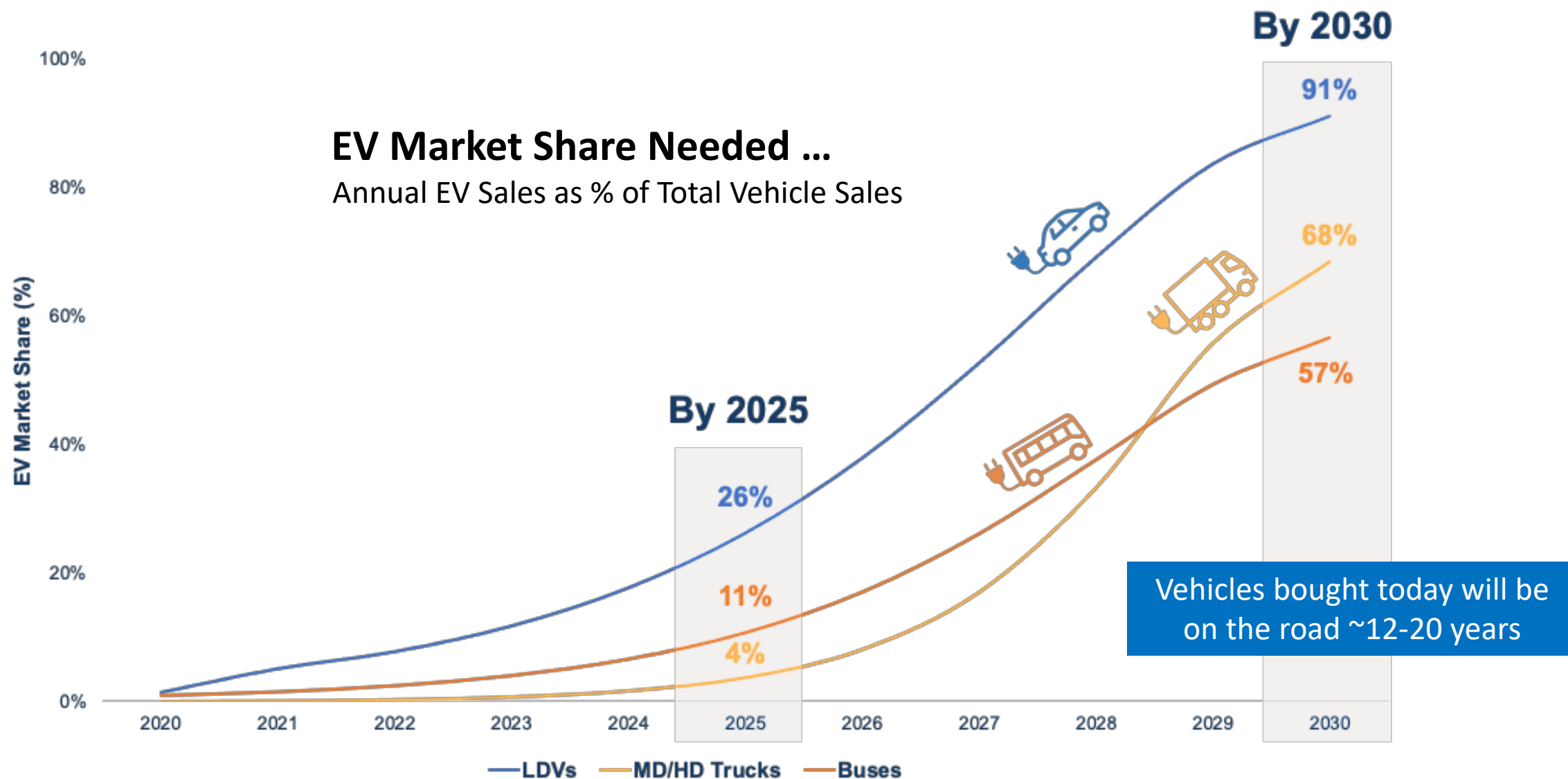
Britta K. Gross

RMI, Managing Director

OUC, President, Board of Commissioners

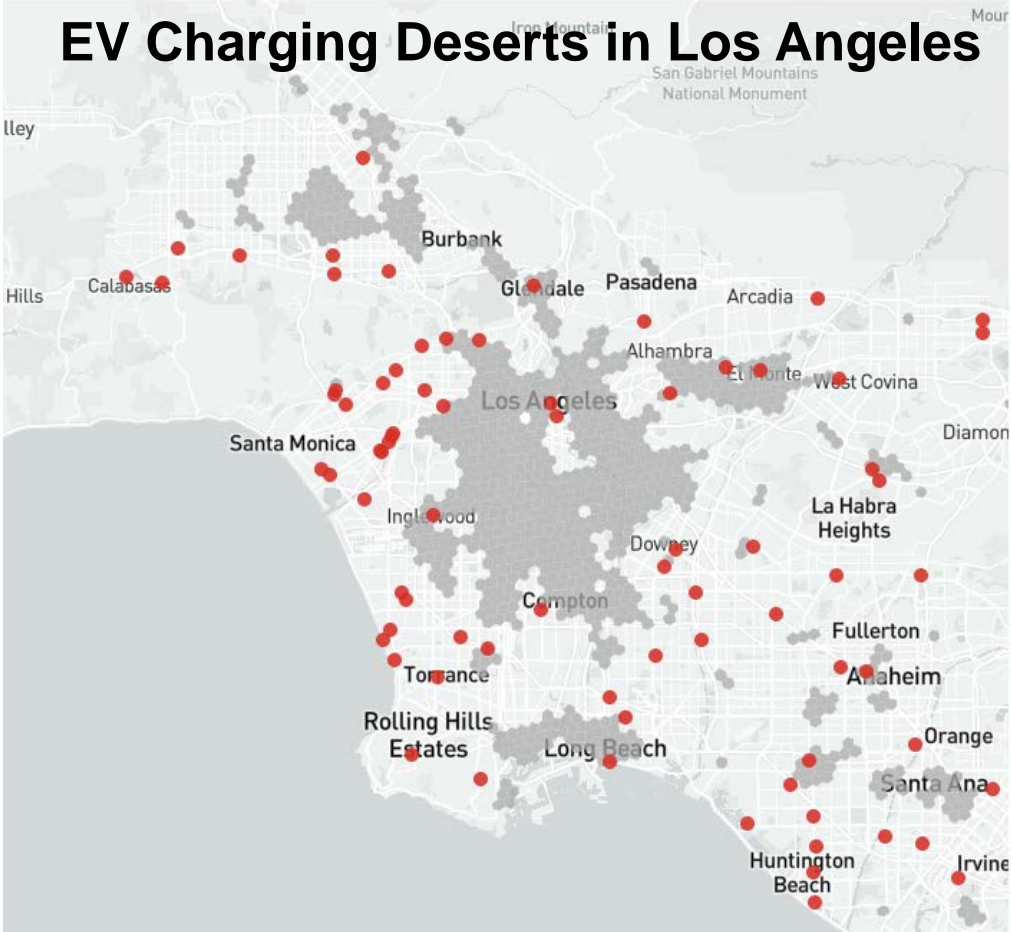


By 2030, 1.5°C Requires 45% Carbon Reduction in Transportation



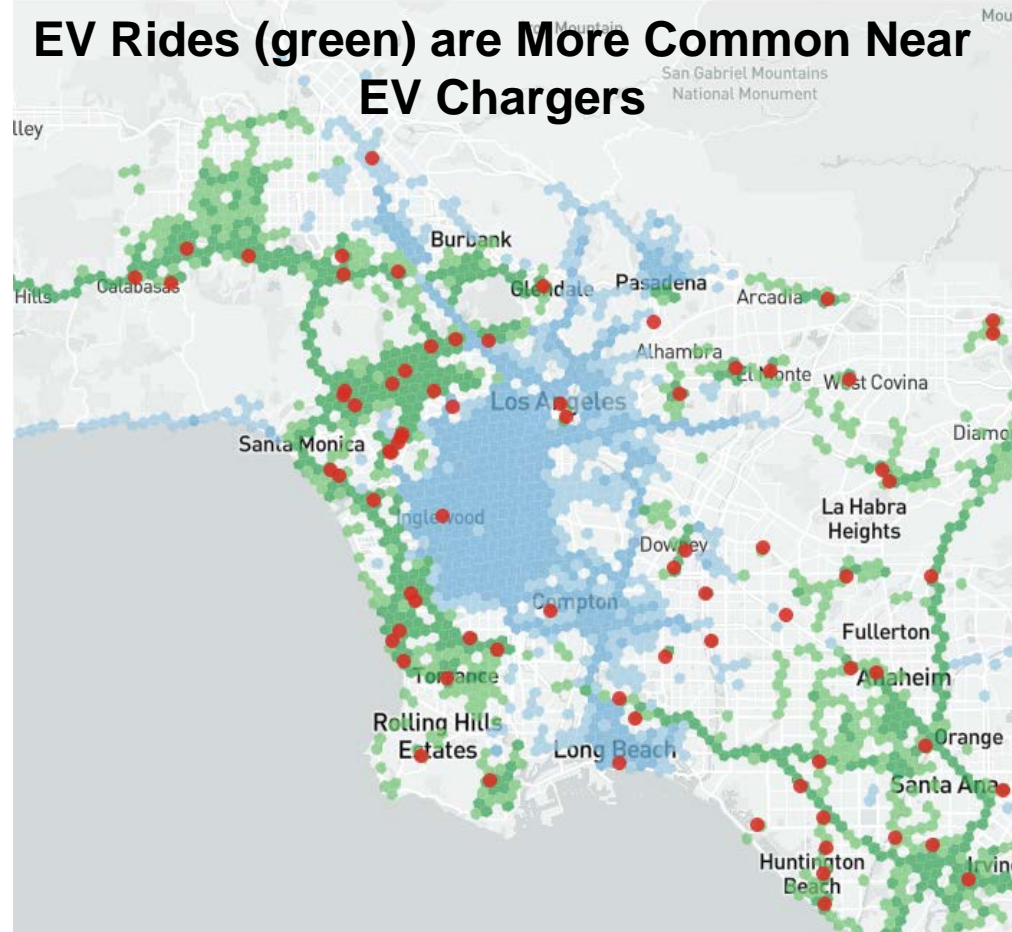
Ridehailing in LA: Infrastructure can drive equity

EV Charging Deserts in Los Angeles



- Direct-Current Fast Chargers
- Household Incomes below \$51,000

EV Rides (green) are More Common Near EV Chargers



- Direct-Current Fast Chargers
- More Vehicle Miles Traveled by EVs
- More Vehicle Miles Traveled by Gas Vehicles

Lyft:

Nearly 50% of rides start or end in lower-income neighborhoods.

Charging Deserts:
Pulling EVs from lower income neighborhoods.