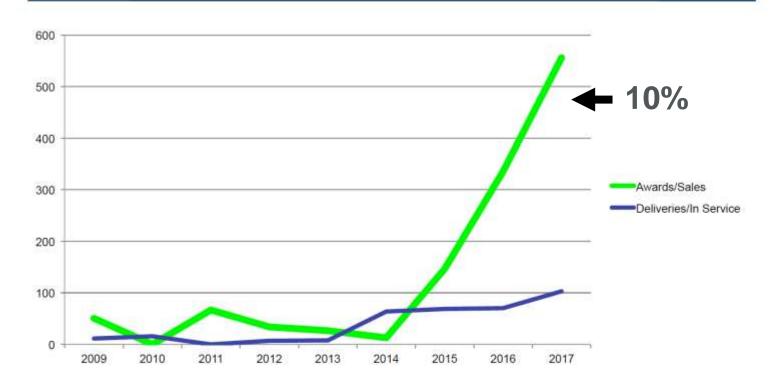


Zero-Emission Bus Market Showing Massive Growth



ZEB U.S. Annual Sales & Deliveries



- > 140 Agencies
- > 1200 cumulative awards/sales
- > 340 cumulative deliveries/in service



Diversity of Customer Profiles Demonstrates Value Proposition





Proterra alone has deployments or orders representing over 60 U.S. transit fleets.

28 Successful 2017 Low-no Partnerships





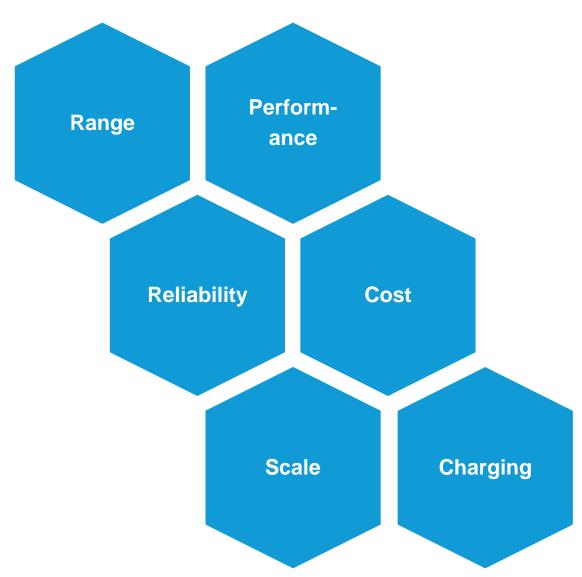
2017 Proterra Low-No Partners

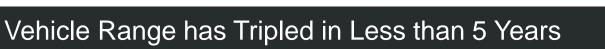
LADOT, CA Tallahassee, FL Lexington, KY **Montgomery County, MD** Des Moines, IA **NJ Transit, NJ** Greenville, SC Park City, UT **Connecticut DOT Delaware Transit Authority, DE** Asheville, NC Wilsonville, OR **Hampton Roads, VA** Fairfield, CA **Baton Rouge, LA** Lafayette, LA Madison, WI Flint, MI Alabama A&M. AL **Bloomington, IL** Seneca, SC Lubbock, TX Juneau, AK Redding, CA Missoula, MT Nashville, TN **Kitsap County, WA** Lake Tahoe, NV

FTA's Low-No Program continues to be over-subscribed with demand growing. 2017 Low-No program spread smaller amounts of funding over many agencies.

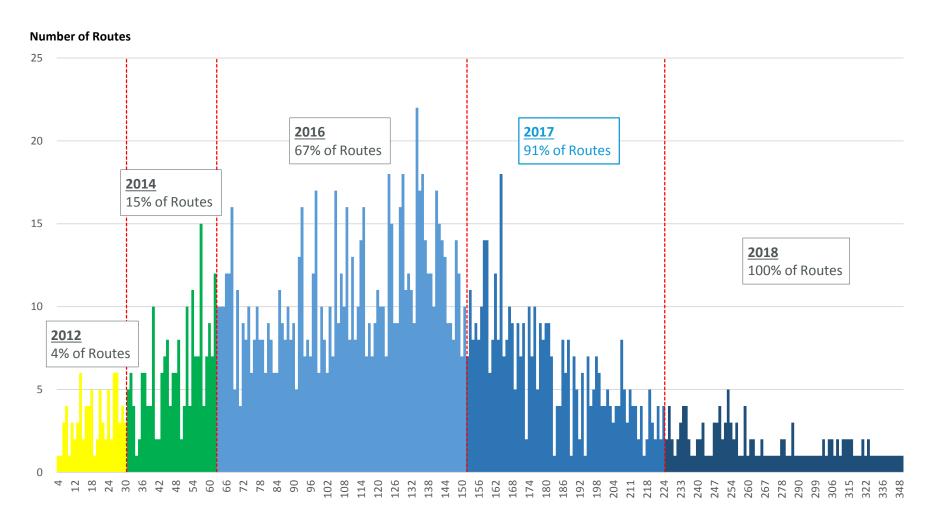
Falling Barriers to Adoption











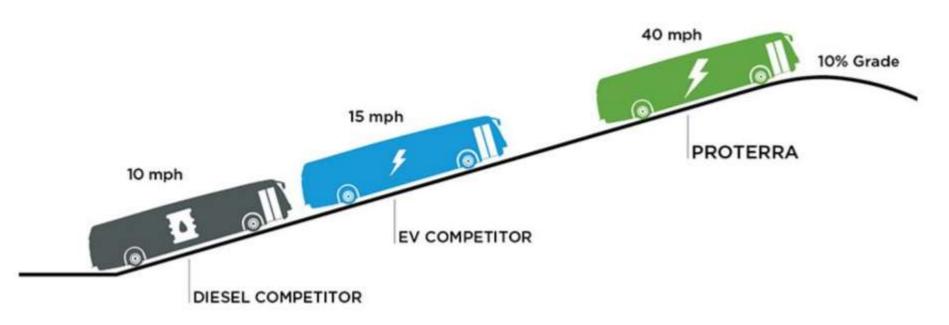
Daily Distance Traveled per Bus (Miles)

EV Performance Leading the Pack



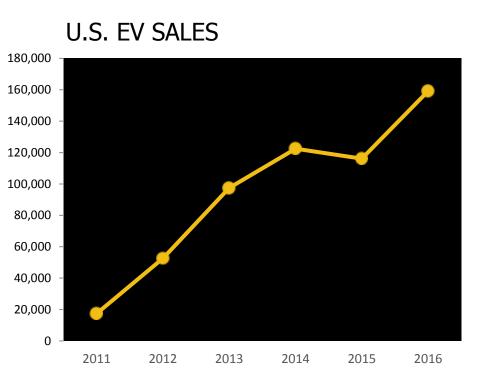
HILL CLIMB

| Diesel Competitor | Electric Competitor | Proterra Catalyst* E2 with DuoPower™ Drivetrain |
|--------------------------|----------------------------|--|
| | | |
| 35 mph | 33 mph | 59 mph |
| 10 mph | 15 mph | 40 mph |
| n/a | 1 mph | 27 mph |
| 12.4% | 15.1% | 26.0% |
| | 35 mph 10 mph n/a | 35 mph 33 mph 10 mph 15 mph n/a 1 mph |

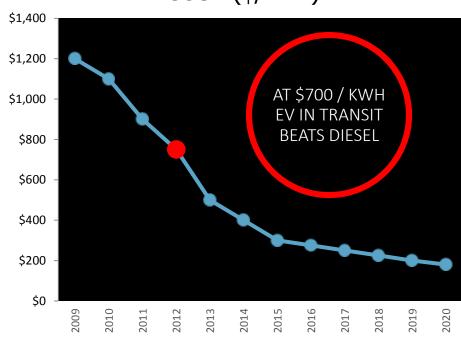




Battery Technology Improvement is Primary Cost Driver



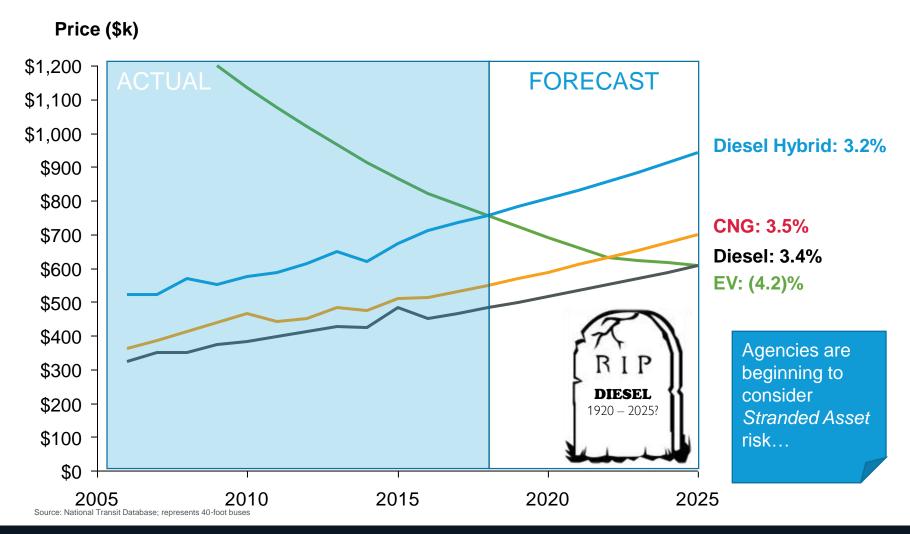
BATTERY COST (\$/kWh)



With Batteries at \$140/kWh, Diesel Would Have to be FREE to Compete with EV Based on Maintenance Savings Alone



Current Trends Favor EV Technology



EV Has *Decreased* In Price 4.2% Per Year Since 2010
Diesel Has *Increased* In Price > 3.4% SINCE 2005
By 2025, We See Little Transit Demand For New Diesel/CNG Buses

The Future of Charging Infrastructure



- Standards-based charging will become the norm in procurements
- Most North American transit OEMs are moving toward a DC standard compatible with medium/light duty vehicles: SAE J1772-CCS
- CCS Charging will offer low cost, high reliability; vendors already shipping 100KW systems, 300KW systems in development
- Emerging on-route charging standards under development: SAE J3105
- As vehicle range increases, the prevailing model will be "plug-in at night, drive all day, fast-charge if necessary"



CHARGING AT SCALE



Proterra works closely with customers to recommend the appropriate charging solution for fleets and facilities planning for scale as the demand for charging increases.

PROTERRA

V2G Resiliency Low Profile Chargers

Stationary Batteries Fuel Cell Back-Up Solar Generation

SUNP WER

