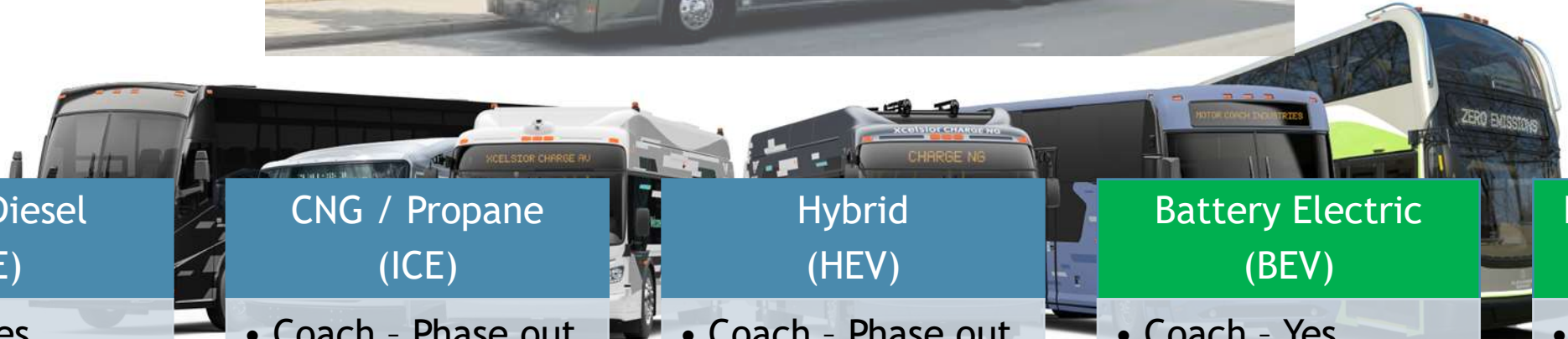


**busworld®**



# Product Range: NFI Group - MCI



**Clean-Diesel  
(ICE)**

- Coach - Yes
- Transit - Yes

**CNG / Propane  
(ICE)**

- Coach - Phase out
- Transit Yes

**Hybrid  
(HEV)**

- Coach - Phase out
- Transit - Yes

**Battery Electric  
(BEV)**

- Coach - Yes
- Transit - Yes

**Hydrogen Fuel Cell  
(FCEV)**

- Coach - Future?
- Transit - Yes

Driven by regulatory environment & Corporate philosophy



# Trade-Offs and Customer Needs

## Price

- Approximately 2x ICE for ZEV
- +400-500K for BEV more for Fuel Cell

## Range

- ZEV 200-300 miles vs. 800+ ICE
- Will improve over time

## Infrastructure

- Location, installation & compatibility
- Cost and lead times

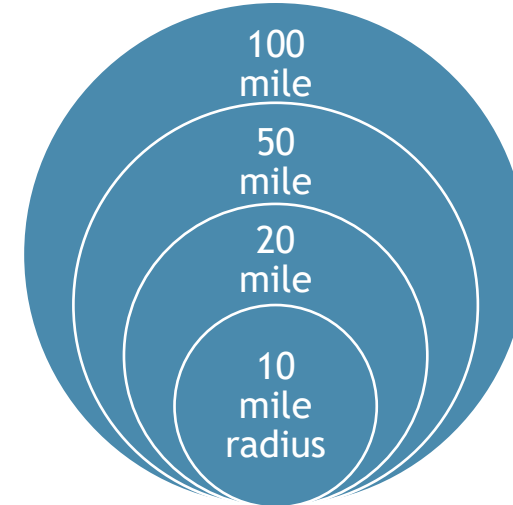
## Baggage Bay Space

- Significantly reduced in ZEV whether batteries or tanks (
- 180 vs. 445 Cubic ft <50%

## Other considerations

- Fill times & Charge times
- Weight
- 4 hours vs. <20 Min

## Operating Range and Customer Needs



- Employee transportation programs
- Corporate charters
- Airport shuttle
- Specialized contracts
- Scheduled service



# Infrastructure & Other Elements are Critical

- Infrastructure planning
- Vehicle operational testing/modeling
- Training
- Financing
- Grants
  - California HVIP and other



## Typical Program Phases

Phase 1	Scoping and Quotation
Phase 2	Utility Service Assessment
Phase 3	Design and Engineering
Phase 4	Construction
Phase 5	Charger Systems Installation
Phase 6	Testing & Commissioning

