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# **Presentation for Texas Smart Cities EV Workshop**

## **Climate Mayors' EV RFI: Driving Technology Adoption**

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# Climate Mayors' Electric Vehicle RFI

## Driving Technology Innovation and Adoption

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- EV technology is advancing quickly, but market has limitations:
  - General and specific model availability
  - Variety of offerings
  - Cost disparity between electric and internal combustion engine vehicles
- Withdrawal from the Paris Agreement and potential roll back of fuel economy/emission standards leaves states, cities, and local governments to push for innovation and adoption



# Climate Mayors' EV RFI

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Started by the City of Los Angeles, CA in January, 2017

- Grew to 30 cities including:
  - Austin, Houston, San Antonio, New Orleans, Atlanta, Denver, Chicago, Philadelphia, New York, San Francisco, Portland, Seattle, Boston
  - First RFI to cross state lines to expand cities' purchasing power
  
- Collective Request:
  - Over 114,000 municipally owned vehicles
  - Potential value of over \$10 Billion
  - 14 vehicle classes covered including police cruisers, buses, emergency vehicles, street sweepers, fire engines, trash haulers and all heavy-duty truck types
  - Focus on heavy-duty, battery electric vehicles with over 100 miles of range

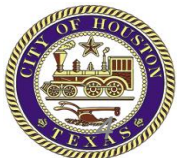


# Climate Mayors' EV RFI

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- Response: nearly 40 auto/bus/truck makers willing to compete
- Goal: Move the market & spur innovation
  - Show other cities, fleet managers, what is possible
  - Expand EV Offerings: If you build it, we will buy it: (electric fire engines, heavy-duty trucks)
  - Increase Production Rate: 114,000 = 72% increase from 2016 US plug-in market (160,000)



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# Questions?

