• 83 active coalitions in 45 states

• 475,000 AFVs using alternative fuels

• 33,800 AFV stations

• 14,000+ stakeholders
<table>
<thead>
<tr>
<th>Type of Coalition</th>
<th># of Coalitions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standalone Nonprofit</td>
<td>35</td>
</tr>
<tr>
<td>Hosted in Nonprofit or Community Service Organization</td>
<td>14</td>
</tr>
<tr>
<td>Hosted in Council of Governments, Metropolitan Planning Organization, or Regional Planning Commission</td>
<td>15</td>
</tr>
<tr>
<td>Hosted in City Agency</td>
<td>8</td>
</tr>
<tr>
<td>Hosted in County Agency</td>
<td>4</td>
</tr>
<tr>
<td>Hosted in State Agency</td>
<td>11</td>
</tr>
<tr>
<td>Hosted in University</td>
<td>7</td>
</tr>
<tr>
<td>Independent Business</td>
<td>3</td>
</tr>
</tbody>
</table>
• DOE Funded Clean Cities Projects totaling almost $340 million over six years ($300 million for one-time ARRA awards).

• Almost every state affected.

• FOAs between $500K and $15 million.

• Opportunity for states and Clean Cities coalitions.
Initiative for Resiliency in Energy through Vehicles (iREV)

**GOAL:** To insert AFVs and infrastructure development directly into critical transportation/energy assurance and emergency operating plans.

- Examines AFV niches that can perform strategic duties during emergencies (e.g.; utility trucks, refuse and dump trucks that can also serve as snow plows).
- Provides direct engagement with energy assurance and emergency management agencies.
- Creates customized tools, information and strategies for emergency planners and community organizations.
- Provides training and certifications for emergency managers.

**Prime Recipient:** National Association of State Energy Officials

**Partners:** NASEO members including multiple State Energy Offices; Concurrent Technologies Corp; International Assn. of Emergency Managers; National Governors Assn Center for Best Practices.; Vermont Energy Investment Corp.; Center for Sustainable Energy

**Coalitions:** New Jersey, Massachusetts, Empire, Central New York, Greater Long Island (NY), Eastern Pennsylvania

**Funding:**
- DOE - $800,000
- Cost Share – $201,235
Unlocking Private Sector Financing for Alternative Fuel Vehicles and Fueling Infrastructure

Geographic Scope: Nationwide

- Produced state comprehensive energy planning guidelines to support AFV and infrastructure deployment
- Produced two tools to assist utilities, policy-makers, and regulators in utilizing ratepayer funds to finance AFVs and infrastructure through utility incentive programs and capital expenditures.
  1. a technical reference manual for evaluating electric vehicle charging and fuel-switching efficiency
  2. a scan of utility Integrated Resource Plans’ (IRP) treatment of electric vehicles
- Develop innovative financing models and business plans for the private sector to implement
- Provide outreach to state energy officials, Clean Cities Coalitions, private sector partners, etc.
- Deliver market development and outreach activities to catalyze private sector financing

Key Participants: The National Association of State Energy Officials (NASEO), Center for Climate and Energy Solutions (C2ES), the Vermont Energy Investment Corporation (VEIC), Transportation Energy Partners (TEP)

Cost: Total - $500,000 DOE - $500,000    Non-Federal - $0
Unlocking Private Sector Financing for Alternative Fuel Vehicles (AFVs) and Fueling Infrastructure
AFV Financing and Business Models

The Role of Clean Energy Banks in Increasing Private Investment in Electric Vehicle Charging Infrastructure

Alternative Fuel Vehicle & Fueling Infrastructure Deployment Barriers & the Potential Role of Private Sector Financial Solutions

Strategic Planning to Implement Publicly Available EV Charging Stations: A Guide for Businesses and Policymakers