A workshop to promote exchange of information among experts on compressed natural gas and hydrogen fuels for vehicles and to share lessons learned from deployment of these vehicles in public transit, fleets, and consumer transportation throughout the world.

Workshop Objectives:

- To coordinate lessons learned by identifying similarities and critical differences between compressed natural gas and hydrogen properties, including CNG-H2 blends, and their industries and applications (e.g., product specifications, tanks, reliability, safety procedures, risk mitigation, and dispensing)
- Identify additional research to ensure safe use of onboard and bulk storage hydrogen and compressed natural gas tanks
- Enhance domestic and international harmonization between natural gas and hydrogen codes and standards requirements
- Collect feedback from demonstration activities and real-world applications
- Identify future workshops, briefings, educational and communication strategies, as well as collaboration opportunities

Location:

Courtyard Washington Capitol Hill/Navy Yard
140 L Street SE
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Webinar and Teleconference Information

Teleconference Information:
Phone Number: 866.762.9101
Passcode: 72576

Day 1 – Webinar Information
Meeting Number: 016 284 994
Meeting Password: h2
Host Key: 604992

Day 2 – Webinar Information
Meeting Number: 016 499 453
Meeting Password: H2
Host Key: 142822

Webinar Information:
2. Log in to your account.
3. Click "Start Now".
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<tr>
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| 08:30 | WELCOME: Objectives and Expectations of Workshop  
Mr. John Maddox, Associate Administrator for Vehicle Safety Research, NHTSA  
US Department of Transportation (DOT) |
|       | US Hydrogen Program Overview  
Dr. Sunita Satyapal, Acting Program Manager, Hydrogen Program/Fuel Cell Technologies  
US Department of Energy (DOE)         |
| 09:00 | Keynote: CNG, H2, CNG-H2 Blend Fuels--Critical Fuel Properties and Behavior  
Dr. Jay Keller, Sandia National Laboratories |
| 09:30 | Question and Answer                                                                       |
| 09:45 | Safety and Regulatory Structure for CNG, CNG-H2, H2 Vehicles and Fuels in India  
Mr. Ambrish Mishra, Oil Industry Safety Directorate, Ministry of Petroleum and Natural Gas |
| 10:15 | Question and Answer                                                                       |
| 10:30 | BREAK                                                                                     |
| 10:45 | Safety and Regulatory Structure for CNG, CNG-H2, H2 Vehicles and Fuels in China  
Professor Jinyang Zheng, Zhejiang University |
| 11:15 | Question and Answer                                                                       |
| 11:30 | Safety and Regulatory Structure for CNG, CNG-H2, H2 Vehicles and Fuels in the U.S.  
Ms. Barbara Hennessey, US Department of Transportation |
| 12:00 | Question and Answer                                                                       |
| 12:15 | LUNCH                                                                                     |
| 13:15 | Successful Adoption of CNG and Emerging CNG-H2 Program in India  
Mr. Narendra Pal, Research Scholar, University of Nevada, Reno |
| 13:45 | Question and Answer                                                                       |
| 14:00 | Lessons Learned from Practical Field Experience with High Pressure Gaseous Fuels  
Mr. Douglas Horne, Clean Vehicle Education Foundation  
Mr. Rob Adams, Marathon Technical Services |
| 14:45 | Question and Answer                                                                       |
| 15:00 | Compressed Natural Gas and Hydrogen Tank Safety, R&D, and Testing  
Mr. Joe Wong, Manager, Clean Transportation Engineering, PowerTech |
| 15:30 | Question and Answer                                                                       |
| 15:45 | BREAK                                                                                     |
| 16:00 | Panel Discussion: Current regulations, safety, lessons learned regarding CNG, H2, CNG-H2  
vehicles and fuels  
Previous speakers plus other representatives from India, China, US  
Moderators:  
Mr. Dennis Smith, US DOE  
Mr. John Maddox, US DOT |
| 16:45 | Summary and Discussion of Day 1: Following up lessons learned  
Moderators:  
Mr. Antonio Ruiz, US DOE  
Mr. John Hinch, US DOT |
<p>| 17:00 | Adjourn Day 1                                                                             |</p>
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<td>08:30</td>
<td>Welcome, Objectives of Day 2</td>
<td>Mr. Antonio Ruiz, US DOE</td>
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<tr>
<td>08:45</td>
<td>Keynote: Overview of Key Safety Issues and Concerns for Hydrogen Fuel</td>
<td>Mr. Dilip Chenoy, Director General, Society of Indian Automobile Manufacturers</td>
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<td>09:30</td>
<td>Question and Answer</td>
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<td>10:00</td>
<td>Hydrogen Vehicles and Fueling Infrastructure in China</td>
<td>Professor Jinyang Zheng, Zhejiang University</td>
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<td>Hydrogen Vehicles and Fueling Infrastructure in India</td>
<td>Professor L. M. Das, Indian Institute of Technology</td>
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<td>11:15</td>
<td>The Hydrogen Laboratory &amp; The Brazilian Reference Center for Hydrogen Energy</td>
<td>Mr. Jim Ohi, US DOE Consultant</td>
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<td>Question and Answer</td>
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<td>12:00</td>
<td>LUNCH</td>
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<td>12:30</td>
<td>Hydrogen Vehicles and Fueling Infrastructure in the U.S.</td>
<td>Mr. John Garbak, US DOE</td>
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<td>13:00</td>
<td>Question and Answer</td>
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<td>14:15</td>
<td>Closing Remarks, Summary and Wrap-up of Workshop</td>
<td>Mr. Antonio Ruiz, US DOE Mr. John Hinch, US DOT</td>
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<td>14:30</td>
<td>Adjourn Workshop</td>
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