

The ACT “Alternative Clean Transportation” Expo

“Showcasing Successes in Advanced Clean Vehicle Technologies and Alternative Fuels”

Long Beach Convention Center, Long Beach, California - May 4-6, 2011

A revolution in the way we use energy in the transportation sector is underway. Never before has the industry seen such growth, from cutting-edge carbon neutral renewable fuels to an extremely wide variety of advanced technology OEM products. ACT Expo 2011 will showcase these advancements and successes now taking place in the field. “The revolution will put you in the driver’s seat.”

Conference Objectives: *The program for the ACT Expo was designed with several specific goals in mind:*

- 1) *To highlight a fuel-neutral array of alternative fuel and clean vehicle technology options that span all weight classes; understanding that no single technology will provide a “silver bullet” solution to our nation’s energy security and emissions challenges;*
- 2) *To utilize a peer-to-peer information exchange to assist fleet operators with gaining first-hand information on real-world alternative fuel and clean vehicle technology projects to help accelerate the adoption of these technologies; and,*
- 3) *To provide networking opportunities for buyers, sellers, and project developers, including: fleet operators, vehicle and engine manufacturers, policy makers, Clean Cities Coordinators, infrastructure providers, technology developers, and the public at large.*

Wednesday, May 4, 2011

9:00 a.m. **Technical Tours Begin**

Attendees have the exclusive opportunity to visit and explore a multitude of local clean vehicle technology projects. Site tour options may include: hydrogen and ethanol refueling stations, EV charging sites, and some of the world’s largest natural gas refueling stations. A special “ribbon cutting” ceremony will take place on one of these exclusive technical tours, marking the kick-off of one of the largest commercial alternative fuel vehicle projects in the nation.

Thursday, May 5, 2011

Set against a backdrop of rising petroleum fuel prices and an increased focus on national energy security, Thursday’s program provides a macro-level examination of the current opportunities, challenges and questions in the alternative fuels and clean transportation industry.

7:30 a.m. **Registration Opens**

8:45 a.m. **Conference Welcome**

- Mario Cordero, Commissioner, Port of Long Beach Board of Harbor Commissioners
- Mayor Miguel Pulido, City of Santa Ana

9:00 a.m. **Plenary Session #1: An Executive Roundtable Discussion**

“The Alternative Fuel and Clean Vehicle Technology Industry: A Look Towards 2050 and Beyond”

The alternative fuel and advanced clean transportation technology industries have come a long way in a relatively short period of time; but what will the energy landscape look like over the next 5, 10, 20, 50 and 100 years? Which leaders, fuels and technologies will drive the future energy economy in the transport sector? This panel of industry experts will debate these questions in a moderated roundtable discussion. No long slide presentations here: this dialogue-based session will set the stage for ACT Expo by framing the long-term issues surrounding alternative fuels and advanced clean technology progress.

MODERATOR: Judith Mitchell, Board Member, South Coast Air Quality Management District

1. Roy Willis, President, Propane Education and Research Council
2. Hal Snyder, Vice President, Semptra Energy Utilities
3. Joe Jobe, Executive Director, National Biodiesel Board
4. James Harger, Chief Marketing Officer, Clean Energy Fuels
5. Bill Kahn, Manager of Advanced Concepts, Peterbilt Motors
6. Alex Keros, Senior Project Engineer, Electric & Hydrogen Infrastructure, General Motors

10:30 a.m. Coffee Break
Sponsored by Encana

11:00 a.m. Breakout Session #1: “Innovation at Work: New Technologies and Advancements in Clean Transportation”

Never before has the alternative fuel and advanced clean transportation technology industry seen such a tremendous variety of product available to the market. This breakout session will showcase the very latest in the clean vehicle and equipment offerings across a variety of weight classes and application types. Hear from an assortment of OEMs, component and system developers, fuel providers, emission solution providers, and infrastructure developers to obtain a well-rounded view of the latest clean and alternative fuel technologies available in the marketplace today. Ample time for Q&A and discussion amongst panelists will provide first hand insight into the real and practical costs, challenges and benefits to each of these technologies.

1. Light Duty

MODERATOR: John Sledge, Vice President, Sales and Marketing, Landi Renzo

1. Elmer Hardy, Senior Manager, Alternative Fuel Vehicles and New Business Development, American Honda Motor Company, Inc.
Honda’s 2020 Vision
2. Mike McGarry, Alternative Energy Fleet Sales Manager, General Motors
GM’s Alternative Energy Product Update
3. Gerry Koss, North America Fleet Marketing Manager, Ford
Blueprint for Sustainability
4. Alexander Freitag, Director of Diesels System Engineering for North America, Bosch Diesel Systems North America
The Past, Present and Future of Clean Diesel
5. Martin Reineman, Office of Transportation and Air Quality, U.S. Environmental Protection Agency
New Compliance Options for Vehicle/Engine Conversions to Clean Alternative Fuels

2. Medium and Heavy Duty Vocational Applications

MODERATOR: Brian Feehan, Vice President, Propane Education and Research Council

1. Doug Yglesias, Technical Services Development Manager, Parker Hannifin (hydraulic hybrid)
The Answer to Reduction of Air and Noise Pollution While Decreasing Fuel Consumption: The Parker Advanced Series Hybrid Drive System
2. Mike Stark, Senior Technical Sales Manager, Freightliner Custom Chassis Corporation
Advanced Powertrain Technologies for Walk In Step Vans
3. Todd Mouw, Vice President, Sales and Marketing, Roush Clean Tech
Propane Autogas: Greening Your Bottom Line
4. Scott Carson, National Sales Director, Smith Electric Vehicles
EV Applications: Lesson Learned to Speed Future Deployment
5. James Labonte, Sales and Marketing Manager, Eaton
150 Million Miles of Road Service

3. Heavy Duty Trucking

MODERATOR: Jeff Macartney, President, Crossroads Equipment Lease & Finance

1. Jonathan Burke, Vice President, International Development & External Affairs, Westport Innovations
Natural Gas Heavy Duty Engines and Fuel Choices - Options Abound
2. Andy Douglas, National Sales Manager, Kenworth Truck Company
The Growing Footprint of NGVs
3. Robert Carrick, Western Region Vocational Manager-Natural Gas, Freightliner
The Voice of the Customer
4. Tony McQuary, Senior Director, Peterbilt Motors Company
The Fast Approaching Future: Peterbilt's Natural Gas and Alternative Fuel Strategy

4. Infrastructure

MODERATOR: Peter Ward, Program Manager, Alternative Fuel and Vehicle Technology Program, California Energy Commission

1. Bryan Luftglass, Energy Segment Manager, Linde Group [LNG]
From Infrastructure to 'Intrastructure': If You Come, We Will Build It
2. Osvaldo del Campo, Chief Executive Officer, Galileo [CNG]
Coming to America: International CNG Equipment for the U.S. Market
3. Darren Engle, Director of Marketing, Blue Star Gas & Alliance AutoGas Partner [LPG]
Right Here, Right Now: Why Fleets Across America are Choosing Propane Autogas
4. Kristen Helsel, Vice President/EV Solutions, AeroVironment [EV]
Convenient Charging Solutions for Fleets, Consumers, and Commercial Customers
5. Jordan McRobie, Regional Coordinator, California Fuel Cell Partnership [hydrogen]
Roadmap to Hydrogen Highways

12:30 p.m. New Product Announcements

Lunch kicks off with a rapid-fire panel of industry leaders announcing their latest and greatest products and technologies in front of the conference audience. Always a media draw, this panel will provide a preview of the cutting-edge vehicles, technologies and products that will then be on display in the Expo Hall immediately following the keynote luncheon.

- Osvaldo del Campo, Chief Executive Officer, Galileo
- Rattan Joesa, President, PrimeTime Shuttle
- Armando Ramirez, Technical Sales Manager, IMPCO Technologies
- Balwinder Samra, Chief Executive Officer, Balqon Corporation
- Robert Hall, NGV Fleet Forum
- Brian Daniels, Product Manager, Powertrain, Daimler Trucks North America

1:00 p.m. Luncheon in the Promenade Ballroom
Sponsored by Sempra Utilities: The Southern California Gas Company and San Diego Gas & Electric and Chesapeake Energy

Keynote Address

- Introduction of Keynote Speaker: Hal Snyder, Vice President, Sempra Energy Utilities
- Keynote Speaker: Kathryn Clay, Executive Director, Clean American Transportation Alliance (CATA)

Recent advancements in horizontal drilling and hydraulic shale fracturing technologies have led to a modern revolution in the natural gas industry. With more than 100 years of proven reserves, natural gas is quickly shaping up to a dominant alternative transportation fuel in the 21st century. Hear how natural gas utilities and producers are working together to expand the role natural gas will play in enhancing national and energy security, improving air quality, and providing North America with a more affordable and secure transportation fuel.

2:00 p.m. Expo Hall Grand Opening

Come to the Expo Hall Grand Opening for an up-close look and one-on-one dialogue with today's leading industry players and technology providers. Be the first to explore the latest developments, trends, vehicles, engines and fuels, and to see the new products announced just prior to the keynote lunch speaker.

3:30 p.m. Breakout Session #2: "Fleet Recipes for Winning Project Development: Assembling Partners, Technologies, and Funding for Long-Term Success"

The nation's largest and most cutting-edge alternative fuel and advanced clean transportation will be on display here; showcased by the fleets and end-users responsible for these stories of success. This peer-to-peer information exchange will not only highlights these groundbreaking project efforts, where literally thousands of advanced technology vehicles are being purchased and deployed into commercial service, but it will provide the audience with the recipe for successful project development. The recipe will include tips on technology and equipment selection, building the right partnerships, innovative thinking, a keen awareness of available opportunities, and a dash of good timing. See how real-world fleets are able to methodically approach the various steps of project development in order to deliver winning and effective project development strategies - strategies that result in successful vehicle deployments and a growing network of refueling infrastructure.

1. Light Duty

MODERATOR: Annabel Cook, Alternative Fuel Vehicle Consultant, American Honda Motor Company, Inc.

1. Tim Denny, Vice President, Administration, Chesapeake Energy [CNG]
Chesapeake's NGV Strategy and Program Progression
2. Matt Stewart, Senior Automotive Equipment Analyst, City of Chicago [E85]
Maximizing E85 usage in flex-fuel vehicles
3. Greg Tabak, Director, Business Rental Sales, Enterprise Rental Program [EV]
Enterprise Rent-A-Car Is All Charged Up About EVs
4. Tom Armstrong, Director of Fleet, ThyssenKrupp Elevator [LPG]
Pushing the Button on Propane Technology

2. Vocational Applications, Bus & Transit

MODERATOR: Gordon Exel, Vice President and General Manager, Americas, Cummins Westport

1. Nick Portonova, Transportation Director, Deer Valley Unified School District [biodiesel]
Biodiesel in the Desert

2. John Drayton, Manager, Vehicle Acquisitions, Los Angeles County Metropolitan Transportation Authority [CNG]
A Billion Miles on CNG
3. George Karbowski, Director of Operations and Maintenance, Foothill Transit [electric and CNG]
The Foothill Transit Ecoliner - A Project Management Case Study
4. Rolando Cruz, Executive Director and Vice-President, Long Beach Transit [hybrid]
Gasoline Hybrid - a Stepping Stone to Future Technology

3. Vocational Applications, Refuse

MODERATOR: Dean Saito, Manager, Mobile Source Strategies, South Coast Air Quality Management District

1. Chuck White, Director of Regulatory Affairs Western U.S., Waste Management
Closing the Loop: Renewable Fuels from Waste
2. Alex Helou, Assistant Director, Solid Resources Group, City of Los Angeles [LNG]
Implementation of a Clean, Low-Carbon Fuel Program for City of Los Angeles' Solid Resources Collection Fleet: Benefits and Challenges
3. Vance Kemler, General Manager, Solid Waste, City of Denton, Texas
Alternative Fuels and Technology in Texas Refuse Fleets
4. Kurt Bratton, Market Vice President, Republic Services [LNG and CNG]
Growing a Green Fleet for National Operations

4. Vocational Applications, Pick Up & Delivery

MODERATOR: Tony Orta, Asset Manager, Fleet Services, Southern California Gas Company

1. Scott Perry, Group Director- Vehicle Supply Management, Ryder [LNG and CNG]
Natural Gas for the Commercial Transportation Market
2. Tony Eiermann, North America Fleet Asset Manager, Coca Cola Refreshments [hybrid]
Coca-Cola Refreshments – Largest Hybrid Electric Fleet in North America
3. Joe Gold, Head of Fleet Engineering, Frito Lay [electric and other AFVs]
Building a Leading Fleet Sustainability Program: Lessons Learned
4. Chris Rice, Clean Energy Program Manager, State of Maryland & Clean Cities Coordinator, Maryland Energy Administration [hybrid]
Maryland Hybrid Truck Initiative
5. Tom Hopkins, Department Head-Central Warehouse & Distribution, Wright & Filippis [LPG]
The Right Partners, Right time, Wright Results

5. Heavy Duty Trucking

MODERATOR: Bill Zobel, Senior Vice President, Business Development, Trillium USA

1. Jeff Shefchik, President, Paper Transport [CNG]
Paper Transport's CNG Over-the-Road Trucking Operations
2. Greg Braun, Border Valley Trading [LNG]
Overcoming Challenges - Heavy Duty LNG Fleet
3. Mike Britt, Director of Maintenance & Engineering, Ground Fleet, UPS [LNG and other AFVs]
UPS Green Fleet
4. Matt Montford, Transportation Sales Manager, States Logistics [biodiesel line-haul]
Biodiesel "Saving the World One Truckload at a Time!"

5:00 p.m.

Evening Reception in Expo Hall

Sponsored by Chesapeake Energy and Sempra Utilities: The Southern California Gas Company and San Diego Gas & Electric

Finish your conversations from the day in a relaxed atmosphere as attendees unwind among food, drink and friends in the Expo Hall.

7:00 p.m. Day One Adjourns

Friday, May 6, 2011

With a heavy day one focus on energy security and economic market drivers, day two's agenda will take a deeper dive into the public health imperatives, emission reduction opportunities, and the financial incentives that motivate the industry's continuing advancement toward increasingly efficient vehicles and environmentally superior fuels and technologies.

7:30 a.m. Registration Opens**8:30 a.m. Day Two Opening Remarks**

- Assembly Member Bonnie Lowenthal, Chair, State Transportation Committee

**8:45 a.m. Plenary Session #2: An Executive Roundtable Discussion
"Getting to Zero: Criteria Pollutants, Greenhouse Gas Emissions, and Fuel Use Reductions"**

Rising fuel prices, energy security and greenhouse gas emissions are among the key topics that have recently dominated technology headlines. With U.S. EPA planning to issue revised ozone standards in the summer of 2011, the number of counties in North America designated as non-attainment status will increase by as much as 73 percent. This opening plenary session will remind stakeholders that the future marketplace for zero and near-zero emission alternative fuels and technologies must play a critical role in meeting and implementing state and regional air quality attainment standards. The panel will discuss the challenges, opportunities and synergies presented via overlapping emission and energy policies.

MODERATOR: David Abel, Publisher / Editor-In-Chief, Verde Xchange News

1. Peter Greenwald, Senior Policy Advisor, South Coast Air Quality Management District
2. Mike Smith, Deputy Director, Fuels and Transportation Division, California Energy Commission
3. Kerry Drake, Associate Director, Air Division, U.S. Environmental Protection Agency, Region IX
4. Richard Corey, Chief, Stationary Source Division, California Air Resources Board
5. Gwen Marelli, Director of Commercial & Industrial Services, Southern California Gas Company

10:30 a.m. Keynote Address

- Introduction of Keynote Speaker: Erik Neandross, Chief Executive Officer, Gladstein, Neandross & Associates
- Keynote Speaker: Martin Daum, President and Chief Executive Officer, Daimler Trucks North America

Faced with increasingly stringent emission and efficiency standards and multiple technology paths and fuel options, realizing success in the commercial truck market has never been so challenging. Hear what it takes to not only be North America's leading heavy-duty truck manufacturer, but to also lead the market in offering a wide range of advanced technology and alternative fuel products. Learn how partnerships and collaboration are critical elements of a successful business execution strategy into the future of the ultra-efficient and alternative fuel truck sector.

11:00 a.m. Breakout Session #3: "Getting to Zero"

These breakout sessions will explore how policy goals and continued technological advancements are allowing tomorrow's alternative fuels and vehicles to improve fuel economy, increase the use of renewable energy sources, and reduce the overall environmental footprint of the automotive sector to near zero emissions.

1. **CARB's Zero Emission Bus (ZEB) Rule - A Case Study**

MODERATOR: Dean Saito, Manager, Mobile Source Strategies, South Coast Air Quality Management District

1. Jeffrey Reed, Director – Market Development & Emerging Technology, Sempra Energy Utilities
Natural Gas Solutions to the Z-Bus Challenge
2. John Drayton, Manager, Vehicle Acquisitions, Los Angeles County Metropolitan Transportation Authority
Los Angeles Metro – ZEB Program
3. Joshua Goldman, Director of Business Development, Proterra Inc.
Proterra's Zero Emissions Fast-Charge Battery and Fuel Cell Hybrid Buses
4. Dana Kaplinski, Manager, Transportation Business, UTC Power
Ready for Zero: Fuel Cells for Transit Buses

2. Moving Towards Zero Emission Trucks for Regional Freight Movement - A Case Study

MODERATOR: Matt Miyasato, Assistant Deputy Executive Officer, Technology Advancement Office, South Coast Air Quality Management District

1. Adrian Alvarez, Project Manager Highway Programs Gateway Cities/Southeast Area Team, Los Angeles Metropolitan Transportation Authority
Technology Need: Zero Emission Trucks for the I-710 Expansion Project
2. Wilfried Achenbach, Senior Vice President, Engineering & Technology, Daimler Trucks North America
Here and Now: An OEM's Perspective on US EPA 2010 Emissions, 2014 Standards, and an Alternative Fuels Menu
3. John Duffy, Manager, Advanced Technology Concepts Group, Kenworth Truck Company, Next Generation Technology: The Importance of Public Agency Funding Programs and Gaining Confidence in True Market Potential
4. Balwinder Samra, Chief Executive Officer, Balqon Corporation
Future of Zero Emission Freight Transportation

3. Electric Drive Light and Medium Duty

MODERATOR: Diane Wittenberg, Executive Director and Chairman, California Plug-In Electric Vehicle Collaborative

1. Dave Hurst, Senior Analyst, Smart Transportation Advisory Service, Pike Research
Driving Electric Vehicles Towards Mainstream
2. Stephen Ellis, Manager, Alternative Fuel Vehicle Sales and Marketing, Honda
Transformative Transportation Technologies
3. Gerry Koss, North America Fleet Marketing Manager, Ford
Electrification - The Power of Choice
4. Alex Keros, Senior Project Engineer, Electric & Hydrogen Infrastructure, General Motors
General Motor's Advanced Propulsion Strategy
5. Melissa Howell, Executive Director, Kentucky Clean Fuels Coalition
Hybrid Horsepower for Kentucky Schools

4. Renewable Biofuels

MODERATOR: Ron Goodman, Manager, Emerging Resources Market Development, Sempra

1. Chuck White, Director of Regulatory Affairs/West, Waste Management [biomethane]
Closing the Loop: Renewable Fuels from Waste
2. Harrison Clay, President, Clean Energy Renewable Fuels, Clean Energy Fuels [biomethane]
Biomethane Vehicle Fuel
3. Robert White, Director of Market Development, Renewable Fuels Association [second generation ethanol]
Second Generation Biofuels

4. Arun Basu, Institute Engineer, Gas Technology Institute [renewable LPG]
Near Term Strategies for Greening of Propane as a Transportation Fuel
5. Ihab Farag, Chemical Engineering Department, University of New Hampshire [algae biodiesel]
Microalgae Biodiesel: The Sustainable Alternative Fuel

12:30 p.m. Luncheon in Expo Hall
Sponsored by American Honda

Ride & Drive
Sponsored by Delta Liquid Energy

2:30 p.m. Breakout Session #4: “Infrastructure: Planning Models”

Successful alternative fuel planning requires the development of a robust and strategically planned infrastructure system that works seamlessly to support everyday fleet operational and consumer needs. These sessions will review existing successful, scalable models that point the way to long-term sustainable expansions of infrastructure networks.

1. Corridors

MODERATOR: Peter Ward, Program Manager, Alternative Fuel and Vehicle Technology Program, California Energy Commission

1. David Hill, Vice President of Natural Gas Economy Operations, Encana Natural Gas [NG]
A North American View of Natural Gas Fueling Infrastructure - Integration of CNG, LNG and Public/Private Access
2. Lynn Lyon, Manager, Strategic Projects Domestic Operations, Pioneer Natural Resources Company [NG]
The Texas Clean Transportation Triangle
3. Bruce Russell, President, Russell Communications [hydrogen]
The Hawaii Hydrogen Initiative
4. Chelsea Jenkins, Executive Director, Virginia Clean Cities Coalition and Project Administrator, Southeast Propane Autogas Development Program [LPG]
If You Build It: Expanding Propane Autogas Infrastructure in the Southeast
5. Jeff Doyle, Director, Public/Private Partnerships, Washington State Department of Transportation [EV]
West Coast Green Highway: I-5 Electric Highway

2. Clustering

MODERATOR: Jennifer Weaver, Outreach & Education Specialist, National Biodiesel Board

1. Mark Butler, Project Manager/Technical Advisor, City of Los Angeles [LNG & CNG]
Planning, Building, and Maintaining The Alt Fuel Infrastructure
2. Aleka Seville, Transportation Specialist, Alameda County General Services Agency [EV]
Regional Collaboration: How Fleets Can Move EVs Forward
3. Adrene Briones, West Coast Utilities Representative, ECOTality North America [EV]
Electric Vehicle Infrastructure Planning
4. Tim Brown, Technical Manager, Sustainable Transportation, University of California, Irvine [hydrogen]
Hydrogen Fuel Station Clustering in Southern California
5. Jake Millan, Fleet Sales Manager, Propel Fuels [ethanol]
Creating the Infrastructure to Support Today's Vehicles and Tomorrow's Fuels

3. Getting to Retail

MODERATOR: Robin Erickson, Southern Director, Utah Clean Cities Coalition

1. Matt Horton, Chief Executive Officer, Propel [E85]
The Last Mile: Empowering Consumers to Drive Change
2. Greg Roche, Vice President, National Accounts and Infrastructure, Clean Energy Fuels / Flying J Truck Stop [NG]
Clean Energy's CNG and LNG Infrastructure Plan; Infrastructure Planning for National and Regional Fleets
3. Matt Zerega, San Diego Gas & Electric [EV]
Getting San Diego Plug In Ready
4. Mike Lewis, General Manager, Pearson Fuels [multiple alternative fuels]
Retail Alternative Fuels - 10 Years of Lessons Learned

4:00 p.m. Plenary Session #3: A Roundtable Discussion, “Who’s Going to Pay for This?” – A Dialogue on Funding for Clean Technology

Critical to the success of any RD&D, commercialization, infrastructure, or vehicle deployment project is a well-funded and supported business plan. What remains unclear however is how the extreme budget crises facing local, federal and state governments will affect future funding opportunities, particularly in a “post-Stimulus world.” As the economy works towards recovery and the significant boost received via Recovery Act (ARRA) funding fades away, panelists will discuss and debate what the future successful project funding models will look like and identify ways that the revolution can be funded.

MODERATOR: Joseph Lyou, President and Chief Executive Officer, CCA

1. Dennis Smith, National Clean Cities Director, U.S. Department of Energy
2. Stephen Crolius, Senior Director, Transportation, Clinton Climate Initiative
3. Susan McSherry, Program Manager, Alternative Fuels Program, New York City Department of Transportation
4. David Haugen, Team Lead, Market Development, Natural Gas Economy Strategic Planning, Encana Natural Gas

5:00 p.m. Program Adjourns