

History of CEC Support for Greening North American Auto Industry Initiatives

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June 7, 2011



History of CEC Auto Industry Initiatives

- Council Resolution 06-06
 - Established a program that built on the CEC approach to Greening the Supply Chain in North America to implement activities with the automotive sector, targeting companies with operations in Mexico, Canada, and the U.S.
- 2009-2010 Operational Plan
 - Established support for the development of a North American Auto Industry Sustainability Roadmap



AP México

Alianza Verde Automotriz (2008)

- Discussions begun in late 2007 between CEC, Chrysler, Ford and General Motors to create an organization in Mexico modeled after the Suppliers Partnership for the Environment (SP) in the US.
- Meetings of AP Mexico were held in Mexico City on January 10, March 4, April 15 and August 15 of 2008 and included participants from GM, Ford, Chrysler and over 17 of their suppliers.
- A concept paper was approved by the participants and Work Groups focused on key issues such as voluntary incentives, process relationships and communications were planned.
- On October 27-29, 2008, CEC in collaboration with Monterrey Tech, the US EPA and Ford Motor Company Mexico conducted a Lean and Clean training workshop in Chihuahua, Mexico. Representatives from the United States Manufacturing Extension Partnership program conducted the training, which was held at the Ford engine plant in Chihuahua. Participants learned about the basics of lean manufacturing and opportunities for their companies. About 25 manufacturers and technical assistance providers in and around the state of Chihuahua attended the workshop.



AP Mexico (2008)



FROM RIGHT TO LEFT: Luis Lara, Ford; Dionisio Menchero, Ford; Beatriz Lopez Linares, Chrysler; Ana Arrocha, Profepa; Arnulfo Berlanga, GM; Jose Carlos Fernandez, CEC; Tom Murray, US EPA; Steve Hellem, Navista (April 15, 2008)



Attendees at the August 15, 2008 AP Mexico Meeting

SP Canada (2008)

- Discussions begun in 2008 between CEC, Environment Canada, GM, Ford and Chrysler to create an organization in Canada modeled after the Suppliers Partnership for the Environment (SP) in the US.
- Meetings of SP Canada were held on June 5 and September 18, 2008 in Toronto, Ontario. Over 16 organizations participated in the meetings, including GM, Ford and Chrysler.
- Participants identified priority issues and objectives for the Canadian auto industry, including developing Solid Waste, Extended Producer Responsibility, Chemical in Product Management and Communication and Education Workgroups.
- Unfortunately, the initial work begun by the CEC in developing independent AP Mexico and SP Canada supply chain organizations was suspended in 2009 due to the unexpected economic challenges facing the auto industry.



North American Auto Industry Sustainability Roadmap (2009)

- In 2009, CEC set out to work with the governments of Canada, Mexico and the United States to develop a North American Auto Industry Sustainability Roadmap that would utilize technologies and innovation to enhance the economic viability of the North American automobile industry and its supply chain while improving the environment in North America.
- A broad group of OEMs and suppliers in the US, Canada and Mexico, as well as government representatives, were involved in the development of the Roadmap document.
 - In conjunction with the Suppliers Partnership for the Environment (SP), a working session on the draft Roadmap was held on October 15, 2009 in Detroit, Michigan including over 60 representatives of automotive OEMs and suppliers.
 - A similar working session organized with the support of the Automotive Parts Manufacturers' Association (APMA) was held on November 27, 2009 in Toronto, Ontario with local OEM representatives engaged in the discussion.
 - Comments were also received from Ford Motor Company and General Motors representatives in Mexico.



North American Auto Industry Sustainability Roadmap (2009)

“Creating Economic Opportunities through Environmental Technologies and Innovations for the North American Automotive Industry: A Roadmap”, was submitted to the CEC in December of 2009. The document outlined five potential opportunities that included:

1. Accelerating the greening of automotive products in North America through automotive chemical innovation.
2. Creating systems to identify and utilize automotive manufacturing environmental technology opportunities to improve the environment and the financial viability of the automobile supply chain.
3. Enhancing the automotive industry and its supply chain by reducing energy consumption and the impact of the automobile supply chain on the global environment.
4. Addressing water sustainability dilemmas, challenges and opportunities facing the automotive industry and its supply chain.
5. Creating processes and systems that will support North American Resource Management programs within the automobile supply chain.



Improving the economic and environmental performance of the North American Automotive Industry Supply Chain (2011)

- CEC's 2011- 2012 Operational Plan includes funding for a project on “Improving the economic and environmental performance of the North American Automotive Industry Supply Chain”.
- This project proposes to re-engage key automotive companies for the development and implementation of green supply-chain programs across North America as identified in the 2009 CEC North American Automobile Sustainability Roadmap.
- This project would support the organization and expansion of SP-like activities in Canada and Mexico – such as AP Mexico and SP Canada – in 2011-2012 and establish a forum for tri-national collaboration on greening the automotive supply chain.

