

CEC Operational Plan 2013-2014

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Executive Director

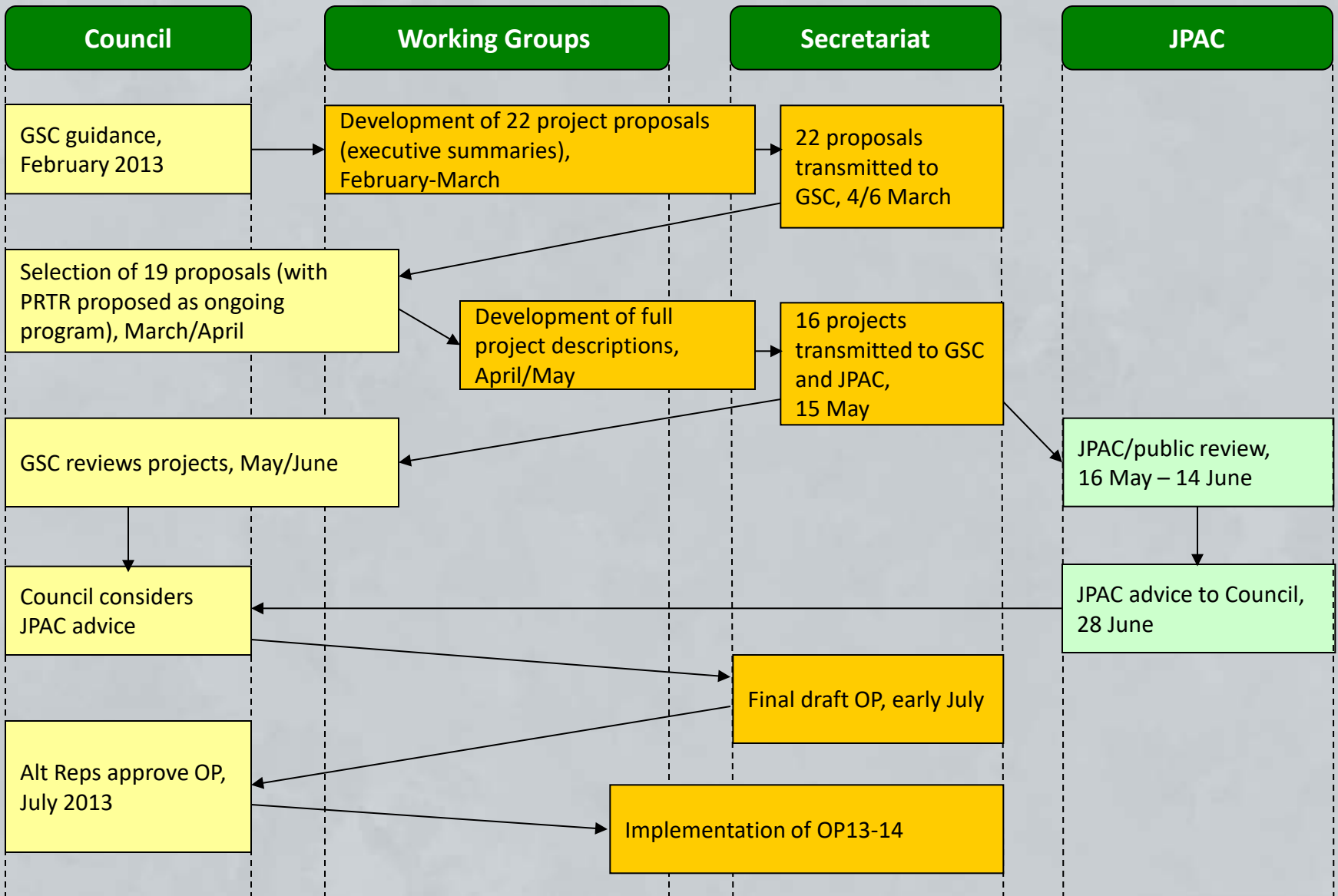
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Critical Path 2013





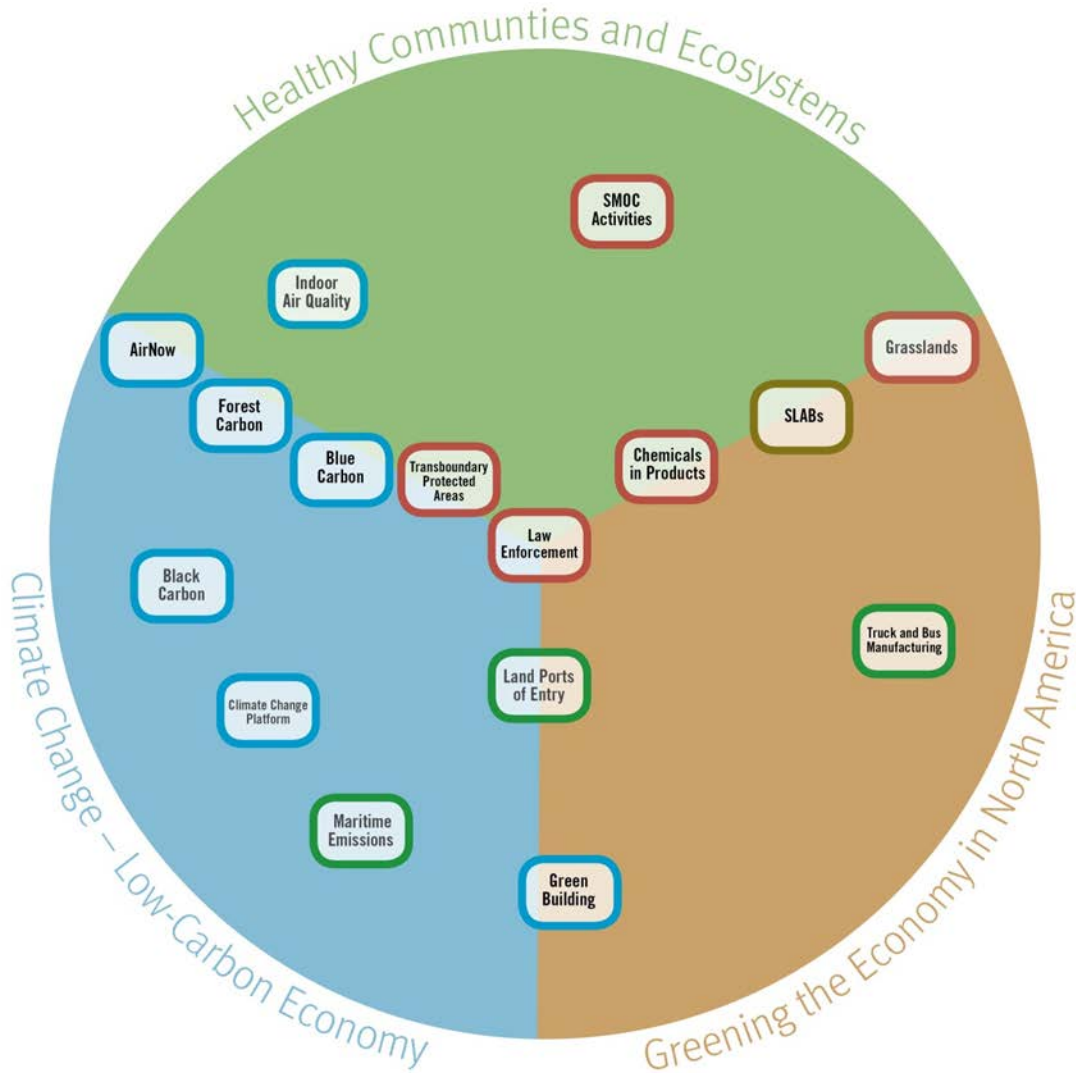
Strategic Framework

- ✓ Healthy Communities and Ecosystems
- ✓ Climate Change – Low-Carbon Economy
- ✓ Greening the Economy in North America

Key Environmental Areas

- ✓ Tackling climate change and improving air quality
- ✓ Greening transportation in North America
- ✓ Addressing waste in trade in North America

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Key Environmental Issues

- Tracking Climate Change and Improving Air Quality
- Greening Transportation in North America
- Addressing Waste in Trade in North America
- Cross-cutting Activities

Projects 2013–2014

1. Catalyzing North American Grasslands Conservation and Sustainable Use Through Partnerships
2. North American Collaboration for Conservation of Transboundary Protected Areas
3. Enhancing Trilateral Understanding of Chemicals in Products in North America
4. Close-out of Past Environmental Monitoring/Assessment, Chemicals Inventory and Mercury Activities in Mexico
5. Enhancing Environmental Law Enforcement in North America
6. Improving Indoor Air Quality to Reduce Exposure to Airborne Contaminants in Alaskan Native Populations and Other Indigenous Communities in North America
7. North American AirNow-International Project
8. North America's Blue Carbon: Assessing the Role of Coastal Habitats in the Continent's Carbon Budget

Projects 2013–2014

9. North American Black Carbon Emissions Estimation Guidelines
10. Integrated Modeling and Assessment of North American Forest Carbon Dynamics and Climate Change Mitigation Options
11. North American On-line, Interactive Informational Platform on Climate Change
12. Improving Conditions for Green Building Construction in North America
13. Improving the Economic and Environmental Performance of the North American Truck and Bus Manufacturing Supply Chain
14. Greening Transportation at North American Land Ports of Entry (POEs)
15. Reducing Emissions from Goods Movement via Maritime Transportation in North America
16. Environmentally Sound Management of Selected End-of-Life Vehicle Batteries, Including Spend Lead-acid Batteries (SLABs), in North America

Expected accomplishments

Grasslands and transboundary protected areas

- ✓ Implement ranch-level beneficial management practices that improve sustainability in livestock production and bring concurrent economic and biodiversity benefits to the grasslands; support managers and scientists to implement transboundary adaptive management and climate change scenario planning

A laboratory setting with glassware and a blue-tinted background. A pipette is visible in the upper left, and several glass beakers are in the foreground. The overall scene is out of focus, emphasizing the text overlay.

Expected accomplishments

Understanding effects of chemicals in North American products

- ✓ Enhance risk management efforts and the reduction of human and environmental exposure to chemicals, based on the textile sector, and from a functional approach through the analysis of emerging flame retardants in products

Expected accomplishments



Closing out CEC's past work on sound management of chemicals and other SMOC initiatives

- ✓ Summarizing accomplishments from CEC activities on environmental monitoring and assessment, the Mexican Chemicals Inventory, and mercury air emissions in Mexico

Expected accomplishments

Enhance environmental law enforcement in North America

- ✓ Achieve sustainability in implementing intelligence-led enforcement, increase the identification of non-compliant shipments in targeted areas of common interest such as e-waste, hazardous waste, ozone-layer depleting substances and non-compliant motorcycles, and in wildlife

Expected accomplishments

“Hands-on” project work to improve residential and urban air quality

- ✓ Reduced need for respiratory medical care for children in Alaskan Native populations by limiting exposure to airborne contaminants in homes, and promotion of the project’s model and methods in other indigenous communities in North America
- ✓ A consistent set of tools to process, share and publicly disseminate information on air quality within Mexico and among the three countries, built upon the successful implementation of AirNow-International in the first pilot city of Monterrey, Nuevo León

Expected accomplishments

Ecosystem carbon balances and climate change mitigation

- ✓ Development of appropriate carbon budgets using science-based models, data and maps to quantify the carbon balance of forests and coastal/marine habitats to support policy and management decisions regarding climate change mitigation
- ✓ Formulate methodologies and guidance to improve accuracy of black carbon and co-pollutant emission estimates and provide reliable inventories; complete a North American interactive informational platform on projects and emission inventories related to climate change

Expected accomplishments

Green building in North America

- ✓ Adopt the EnergySTAR portfolio manager tools for green building in Mexico and increase accessibility to green buildings in isolated communities throughout North America





Expected accomplishments

North American truck and bus manufacturing

- ✓ Create a public-private partnership among the bus and heavy-duty truck manufacturing sectors to accelerate the adoption of innovative 'green' technologies and best practices that will reduce environmental impacts and improve sustainability of the supply chain

An aerial photograph of a busy truck stop or port of entry. The scene is filled with various types of trucks and trailers. In the foreground, there are several large white semi-trailers, some with orange lettering on their sides. A yellow pickup truck is parked near a white dump truck. In the background, there are more trucks, including a white box truck and a blue semi-truck. The ground is paved and shows signs of heavy traffic. The overall scene depicts a large-scale logistics and transportation hub.

Expected accomplishments

Greening transportation at land ports of entry

- ✓ Identify the most effective, viable emission reduction solutions for the transport of goods and people at selected land ports of entry

Expected accomplishments

A large container ship is shown sailing on a blue ocean. The ship's superstructure, including a red bridge and various antennas, is visible in the upper left. In the foreground, a large stack of shipping containers in various colors (red, blue, white, green) is visible, partially obscuring the ship's hull. The sky is clear and blue.

Reducing emissions from marine transportation

- ✓ Shared air pollution reduction technologies and emerging practices for emissions from ships, including nitrogen oxides, sulfur oxides and particulate matter to meet Emission Control Area (ECA) requirements

An aerial photograph of an industrial or manufacturing facility, possibly a battery plant, with a large green semi-transparent overlay. The text is positioned in the upper right area of the image.

Expected accomplishments

Sound management of end-of-life vehicle batteries in North America

- ✓ Develop tools and identify environmentally sound management practices, technologies and processes for recycling spent lead-acid batteries; conduct a first study on non-conventional batteries currently used in hybrid and electric vehicles in North America

CEC Secretariat Staff





**Three countries.
One environment.**

