



Worked with Mexico on its efforts to establish an Emission Control Area under the International Maritime Organization



2013–2014 Project

Reducing Emissions from Goods Movement via Maritime Transportation in North America

With a view to establishing a common North American approach to controlling emissions from ships, this project supported Mexico's effort to create an Emission Control Area (ECA) under the International Maritime Organization. The work involved technical analyses of marine source air pollutants, assessments of fuel quality and costs, and health and economic impacts that would result from implementing a Mexican ECA.

Key Accomplishments

- Updated the emissions inventory for Mexico's ports
- Developed technical guidance for updating Mexico's national marine vessel emissions inventory
- Conducted an assessment of projected air quality conditions under the proposed Emission Control Area (ECA) and resulting health impacts and economic benefits
- Analyzed fuel requirements, supply and costs under the proposed ECA
- Developed a preliminary proposal to designate a Mexican ECA
- Presented the preliminary ECA proposal and supporting analyses to key Mexican government representatives
- Shared results and lessons learned from implementing an ECA in Canada and the United States

Products

- Preliminary proposal to designate a Mexican ECA
- Assessment of 2030 Mexico and Global Fuels Supply and Cost Impacts
- Assessment of air quality and related health impacts and economic benefits in 2030 under current and proposed ECA conditions

Partners, stakeholders and beneficiaries

The Steering Committee of this project includes representatives from Transport Canada, Environment Canada, the US Environmental Protection Agency, and *Secretaría de Medio Ambiente y Recursos Naturales*. Beneficiaries of this project include policy makers in the three countries seeking information about opportunities to reduce air pollution from ships, private and public sector entities engaged in maritime shipping and technologies and environmental health protection, as well as communities affected by air pollution from ships.

About the CEC

The Commission for Environmental Cooperation (CEC) was established by the governments of Canada, Mexico and the United States through the North American Agreement on Environmental Cooperation, the environmental side agreement to NAFTA. An intergovernmental organization, the CEC is composed of a Council of cabinet-level environmental officials from the three countries, a Joint Public Advisory Committee and a Secretariat that provides operational support for cooperative work between the three countries. The organization brings together citizens and experts from governments, nongovernmental organizations, scientists, researchers and businesses to seek solutions to protect North America's shared environment while supporting sustainable economic development.

