



Cleaner Production Private Sector Partnerships (CPP) El Salvador & Guatemala

Purpose

By promoting cleaner production and energy efficiency practices and technologies, the CPP Project aimed to reduce environmental and societal impact of business operations upon local communities and the global biosphere, as well as to improve their environmental, health and safety performance.

The project provided technical assistance to participating Small and Medium-sized Enterprises (SMEs) to develop and implement Cleaner Production (CP)/Energy Efficiency (EE) action plans, created partnerships with a multinational company (MNC) and industrial sectors, and disseminated project results and CP/EE best practices.

Project Overview



As part of the CAFTA-DR's Private Sector Environmental Performance Program, the Department of State's Oceans, Environment and Science Bureau (OES) and the World Environment Center (WEC) initiated the CPP Project in October 2008. The project provided on-the-ground support to assist SMEs in El Salvador and Guatemala in improving the private sector's environmental performance, reduce costs, and improve efficiency and competitiveness through the adoption of Cleaner Production (CP) and Energy Efficiency (EE) practices and technologies via the following activities:

- Organizing partnerships for cleaner production centers, industry associations, and multinational corporations to work with SME members and suppliers;
- Disseminating CP/ EE best practices through roundtables and public outreach initiatives.
- Establishing partnerships with the Guatemala Small Hotel Association(APEHGUA); the National Association of Dairy Processors of El Salvador(ANPROLAC); and Wal-Mart Stores, Inc in both El Salvador and Guatemala to provide direct technical assistance in:
 - o Energy and water conservation;
 - o Waste, raw material and emissions reductions;
 - o Environmental management systems; and
 - o Accessing financial resources required for adoption of the enhanced techniques.

These approaches allowed firms to improve their profitability and competitiveness while simultaneously strengthening environmental performance and a better work environment.



To facilitate consensus among key public and private stakeholders in the project, WEC managed an Executive Steering Committee in each country. WEC coordinated this effort with the Central American Commission for the Environment and Development (CCAD) and the U.S. Agency for International Development (US AID) as well as the Ministries of Economy and Environment of each country. Executive Steering Committee partners in El Salvador included the National Association of Private Enterprise, the Chamber of Agriculture and Agro-Industry, and the El Salvador Cleaner Production National Center; in Guatemala they were comprised of the Industry Chamber of Guatemala, the Guatemalan Cleaner Production Center and the Guatemalan Export Association.



Training for private sector partners

Results as of 2011

From the **35** participating companies (**17** Wal-Mart El Salvador & Guatemala suppliers; **9** ANPROLAC companies; and **9** APEHGUA hotels), the results are as follows:

- Total Savings: **US\$ 621,400**

 Hotel Sector **US\$ 4,600**
 Dairy Sector **US\$ 190,700**
 Wal-Mart El Salvador Supplier Chain **US\$ 206,400**
 Wal-Mart Guatemala Supplier Chain **US\$ 219,700**
- Total Investment by Participating Companies **US\$ 293,500**

 Hotel Sector **US\$7,400**
 Dairy Sector **US\$63,300**
 Wal-Mart El Salvador Supplier Chain **US\$ 19,800**
 Wal-Mart Guatemala Supplier Chain **US\$ 203,000**
- Net Savings Per Company: **US\$ 9,368** (average among the 35 companies).

Total Environmental Savings

Environmental aspects	Benefits gained as of June 2010
Materials /Inputs (solids) saved	1.62 tons
Materials /Inputs (liquid) saved	77,291 liters
Product (solids) saved	1,165 tons
Product (liquid) saved	5,125 liters
Water (volume) saved	16,876 m ³
Wastewater (volume) reduced	5,036 m ³
Savings in electric energy	64,712 kWh
Thermal energy savings	185,890 gallons
Gas emissions reduced	1,162 tons of CO ₂
Minimization of solid wastes generation	30 tons
Production time maximized	5,744 man-hours/year

Source: Business monitoring reports.

Prepared: WEC Technical Team