



USTDA

U.S. TRADE AND DEVELOPMENT AGENCY

USTDA in Colombia

Linking U.S. Businesses to
Global Infrastructure Opportunities

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The U.S. Trade and Development Agency helps companies create U.S. jobs through the export of U.S. goods and services for priority development projects in emerging economies. USTDA links U.S. businesses to export opportunities by funding project planning activities, pilot projects, and reverse trade missions while creating sustainable infrastructure and economic growth in partner countries.

USTDA in Colombia

Over the past thirty years, USTDA has invested in a number of priority development projects in Colombia. The Agency's program connects U.S. companies with infrastructure development and modernization opportunities across Colombia. USTDA supports key sectors in the country such as transportation, energy and information and communication technology.

Investment in Aviation

USTDA has successfully forged relationships between U.S. companies and Colombia's aviation sector. In particular, USTDA partnered with Aerocivil, Colombia's civil aviation authority, to update the master plan for El Dorado International Airport in Bogotá. Aerocivil selected California-based T.Y. Lin International to carry out the USTDA-funded feasibility study. After being introduced to this initial opportunity and completing the work successfully, T.Y. Lin was able to complete for and win subsequent contracts in Colombia. This access and opportunity led the company to open an office in Colombia and hire new staff to support its expansion.

USTDA also funded an all-systems electrical infrastructure upgrade project at the Ernesto Cortissoz International Airport in Barranquilla. The project supported the airport concessionaire, Grupo Aeroportuario del Caribe SAS (GAC), to implement energy efficiency technologies at the airport. As a result of this project, Colorado-based Positive Energies, LLC is exploring new business relationships in Colombia.

Large-Scale Energy Storage Systems

USTDA is partnering with Interconexión Eléctrica S.A. (ISA), a multinational energy transmission and distribution company, by supporting a feasibility study to assess the development of large-scale energy storage systems in Colombia, Brazil and Mexico. The study will evaluate battery storage opportunities, perform feasibility analysis, and create a business plan for each of the three countries. Implementing battery storage units will improve grid reliability and support new renewable energy generation.

Increasing the proportion of renewables in a country's energy matrix provides diversified, clean and sustainable sources for power generation. At the same time, renewables pose challenges due to their intermittent generation. Deploying energy storage technologies can mitigate these challenges while also reducing stress on transmission grids by storing energy during times of low demand and deploying energy during times of high demand.



El Dorado International Airport in Bogotá, Colombia



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Construction of Andalucía Port on the Magdalena River

USTDA funded a feasibility study to establish the preliminary design for a new inland river port along the Magdalena River. The objective of the facility is to function as a feeder to the Port of Cartagena, Colombia's major Caribbean port thoroughfare. River transport will enhance the efficiency of moving heavy goods between the interior of the country and the Caribbean coast, as it increases capacity, lowers costs, minimizes risks related to ground transport and reduces carbon dioxide emissions.

Coal Mine Methane Recovery in Córdoba

USTDA is supporting a feasibility study to determine the resource quality and viability for the recovery of coal mine methane (CMM) and possibly coal bed methane (CBM) in the Córdoba department. The study will determine the technical, economic, commercial and environmental feasibility of the project. The objective is to assist Generadora y Comercializadora de Energía del Caribe S.A. (GECELCA), a leading thermal generation company and wholesale supplier of electricity, with its decision-making before it proceeds with a pilot drilling program and a commercial-scale CMM and CBM recovery operation.

Intelligent Transportation Systems Technologies

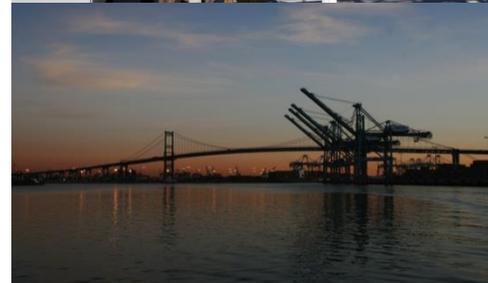
USTDA provided a technical assistance grant to the Ministry of Transport to support intelligent transportation system technologies. The grant facilitated an analysis of intelligent transportation technologies and their applicability in Colombia. It also defined a pilot wireless roadside inspection program for cargo vehicles.

Global Procurement Initiative Phase I Workshop

USTDA's Global Procurement Initiative is partnering with the Colombian government to train officials and stakeholders on how to incorporate best value into the public procurement process. USTDA held a training workshop in collaboration with Colombia's central procurement agency, Colombia Compra Eficiente, the George Washington University Law School's Government Procurement Law Program and USTDA's technical specialists.

Colombia Airports Infrastructure and Operations Reverse Trade Mission

This visit will introduce Colombian delegates to key U.S. technologies and best practices relating to airport infrastructure and airport operations. Such exposure will assist Colombia with its goals to modernize and expand aviation infrastructure.



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