



USTDA

U.S. TRADE AND DEVELOPMENT AGENCY

USTDA in Brazil

Linking U.S. Businesses to
Global Infrastructure Opportunities

www.ustda.gov

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 Brazil

Since 1981, USTDA has been connecting U.S. businesses with infrastructure projects in Brazil across key sectors such as transportation, aviation, clean energy, and the environment. USTDA's program in Brazil illustrates the Agency's interest in building strategic partnerships with the private and public sectors for activities of mutual benefit. In fact, the program has grown significantly over time, adding one staff member on the ground in São Paulo, and one in Miami, both dedicated to advancing infrastructure projects of mutual benefit to the U.S. and Brazil.



Transportation

USTDA awarded a technical assistance grant to Brazil's National Association of Passenger Rail, or ANPTrihos. The grant helped develop a roadmap and implementation plan for public and private passenger rail operators to integrate real-time video monitoring technologies into Brazil's passenger rail systems. Additionally, the TA developed a plan for the acquisition and implementation of core and complementary systems to increase security and overall operational efficiency. In October 2015, USTDA was formally recognized by the Brazilian Passenger Rail Sector, for its excellent contributions towards a safer and more efficient Brazilian passenger rail network.

As Brazil plans to make significant investments in its transportation sector, USTDA is working to inform U.S. businesses of those opportunities. The Agency recently released a [Transportation Resource Guide](https://www.ustda.gov/program/brazil-project-resource-guide) detailing Brazil's goals and specific projects related to infrastructure development and upgrades across the transportation sector. With more than 25 project profiles, complete with market intelligence, detailed project plans, contact details for key decision makers, procurement timelines, and planned financing mechanisms, the guide is a vital resource for U.S. firms looking to enter Brazil's transportation market. The guide is available at <https://www.ustda.gov/program/brazil-project-resource-guide>.

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Energy

As Brazil's transmission and distribution network is growing extensively, utility executives are looking for solutions to modernize and expand infrastructure. USTDA responded by holding two reverse trade missions as part of its Brazil Clean Energy Exchange Program. The Transmission Modernization and Distribution Automation RTMs connected Brazilian utility executives and public sector energy officials with U.S. technologies and best practices. The delegates participated in site visits with U.S. utility companies, meetings with U.S. industry, and roundtable discussions on policy, regulation, and finance.

In another project, USTDA funded a feasibility study to develop an innovative smart grid pilot strategy for two affiliates of the Brazilian energy company, CEMIG Group. The affiliates are Minas Gerais-based CEMIG Distribuição, which operates Latin America's largest electricity network, and Rio de Janeiro-based Light Serviços de Eletricidade, Brazil's third largest electricity distributor. As a result of this feasibility study, Light Serviços de Eletricidade implemented a full-scale rollout of smart grid metering throughout their operations network. This has enabled the company to better monitor its network and has reduced non-technical losses.

Through a separate feasibility study, USTDA is helping determine the viability of several landfill energy projects managed by the Brazilian private waste management company, Solví Valorização Energética. The study will develop plans for the generation of onsite power through the harvesting of methane gas and the use of a solar energy system. The project will reduce greenhouse gas emissions as well as generate clean sources of energy for Solví.

Information and Communication Technology

Through a technical assistance grant, USTDA is helping Prodepa-Pará State IT Company develop a roadmap and implementation plan to expand the fiber and wireless broadband network in the state of Pará. Prodepa intends to further expand the Navegapará fiber network throughout the State of Pará to increase the population's connectivity levels and to improve the capabilities of public services provided by state-run institutions.

Water/Environment

USTDA is supporting a feasibility study on biogas power generation at wastewater facilities in Brazil. The project will evaluate the feasibility of implementing biogas-fueled power generation technologies at three local wastewater treatment companies in Brazil. The study will provide these companies with an implementation plan to utilize biogas produced during the wastewater treatment process for on-site power or thermal heat production. This plan will help reduce methane emissions, improve biosolids processing, and improve the plant's overall energy footprint.



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