



PROMOTING PARTNERSHIPS IN EAST ASIA'S DEVELOPMENT

USTDA advances economic development and U.S. commercial interests in developing and middle-income countries. The agency funds various forms of technical assistance, early investment analysis, training, orientation visits and business workshops that support the development of a modern infrastructure and a fair and open trading environment.

CHINA

USTDA's program in China focuses on trade capacity building initiatives and projects in the environment (air and water pollution), clean energy, and aviation safety/security sectors. These projects aim to provide significant opportunities and benefits to both China and the United States, and build upon existing agreements and cooperative initiatives. USTDA projects in China include the following:

Trade Policy Initiatives

Anti-Monopoly Law (AML) Cooperation – A \$500,000 grant to the American Chamber of Commerce in China is providing technical assistance to China's Ministry of Commerce, National Development and Reform Commission, and State Administration for Industry and Commerce, the three agencies which will enforce the AML. This program is providing legal and regulatory guidance so that the AML can be implemented in a transparent, market-friendly and non-discriminatory manner. The U.S. Chamber of Commerce is conducting this program, with support from the U.S. Department of Justice, Federal Trade Commission, Office of the U.S. Trade Representative and the Department of Commerce.

Agricultural Biotechnology Training – In coordination with the U.S. Department of Agriculture, USTDA provided funding for an agricultural biotechnology training program for officials from the Ministry of Agriculture and the General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ). The program is supported through a public-private partnership that includes U.S. agricultural biotechnology firms, industry associations and the U.S. Government. USTDA has provided over \$1 million for this training program, which has provided both general training on the nature, use and regulation of modern agricultural biotechnology as well as a series of training workshops addressing specific regulatory and monitoring mechanisms, including food and environmental safety information, labeling practices, science-based assessment principles, risk communications and outreach, food

supply chain processes and testing methodologies. The Iowa Farm Bureau Federation conducted Phase II of this assistance.

Intellectual Property Rights (IPR) Training - USTDA provided \$383,000 for training for officials from China's General Administration of Customs (GAC) to assist in its efforts to limit the export of counterfeit goods through a targeted training program involving officials from U.S. Customs and Border Protection, the U.S. Patent and Trademark Office and the private sector. The Global Alliance for Trade Efficiency conducted this program.

Standards and Conformity Assessment Cooperation – A \$500,000 USTDA grant launched the U.S.-China Standards and Conformity Assessment Cooperation Program, an innovative public-private sector initiative designed to expand cooperative technical efforts in standards, conformity assessment and technical regulations. The program consists of a series of seminars, workshops and training modules that will enable U.S. industry and government representatives to engage their Chinese counterparts on specific industry sectors and trade-related standards. The contractor for the program is the National Electrical Manufacturers Association. USTDA funding is being matched by industry contributions.

Transportation

U.S.-China Aviation Cooperation Program (ACP) - China's rapidly growing aviation industry has challenged efforts to maintain effective safety and security operations. Recognizing a need, USTDA helped to structure the ACP with the goal of facilitating U.S. government and aviation industry training and technical cooperation in priority areas identified by the Civil Aviation Administration of China (CAAC). USTDA has contributed over \$4 million over four phases; this funding has been supported by additional support from the ACP's 30 U.S. private sector member companies and by public sector contributions from USTDA, the Federal Aviation Administration (FAA), and the CAAC.

Guangzhou Metro Line 4 - USTDA provided a \$500,420 grant for a study on technical standards and system requirements for Line 4 of the Guangzhou metro system. This high-speed light rail project, the first in China, will expand the municipality's existing metro system and provide the city's growing population greater access to environmentally friendly transportation.

Railway Intermodal Container Transport - USTDA provided a \$679,550 grant to review China's approach to the intermodal container business, recommend options to improve the service, and develop a plan to increase intermodal rail transport business. TERA International Group conducted this assistance.

Environment

Hangzhou Hazardous Waste Management Facility - USTDA provided a \$223,256 grant to support the State Environmental Protection Administration, working in cooperation with Hangzhou Dadi Environmental Technology Company and the Hangzhou Environmental Protection Bureau, on a private sector-led development project for hazardous waste management facilities in the city of Hangzhou. Louis Berger was selected as the contractor to carry out the study.

Shanxi Continuous Emissions Monitoring - USTDA provided \$186,400 to assist the Shanxi Environmental Protection Bureau in assessing the engineering and financial feasibility of developing specifications for installation, performance, data management and quality assurance/quality control of continuous emissions monitoring systems. Thermo Electron Corp. conducted this assistance.

Shandong Flue Gas Denitrification (deNOx) - A \$600,000 USTDA grant is assisting the Shandong Environmental Protection Bureau in the technical assessment, financial analysis and implementation planning of installing technologies to limit emissions of nitrogen oxide from coal-fired power plants in Shandong Province.

Shandong Water Quality Improvement Project - This \$343,480 grant is providing the Shandong Environmental Protection Bureau with a study of a water quality improvement and watershed pollution assessment project in northeastern China. The U.S. contractor for the study is BioChem Technology, Inc.

Energy

Coal Mine/Coal Bed Methane Power Plant - USTDA provided a \$502,850 grant to Shanxi Jincheng Anthracite Coal Mining Group (JMG) for preliminary project design, technical specifications and procurement assistance related to the implementation of this innovative power plant project. The \$120 million power plant project, which has received funding support from the Asian Development Bank, is the largest coal mine methane power facility in the world. The project resulted in a \$56 million contract between JMG and Caterpillar, Inc.

Shenyang Polygeneration - USTDA provided \$523,869 to support a study for the Hunnan International Technopolis Shenyang to examine an integrated coal gasification, power generation and district-heating project, using advanced coal utilization and processing

technology. Nexant, Inc. was selected to perform the study.

Information and Communications Technology (ICT)

Rural ICT Network Pilot - USTDA provided a \$593,398 grant to the Academy of Broadcasting Science, a technical institute under the State Administration for Radio, Film and Television (SARFT), to examine technology options for its "Direct to Home Rural Coverage" project, an initiative to expand broadband access to rural areas.

Earthquake Aftershock Prediction and Landslide Monitoring - A \$198,330 USTDA grant is providing assistance to the China Earthquake Administration and the China Geological Survey in utilizing advanced monitoring systems and related software, so that these agencies can better predict these seismic events. This program was funded shortly after the May 12, 2008 earthquake in Sichuan Province.

MONGOLIA

USTDA hopes to increase its engagement with Mongolia in a number of sectors with the objective of promoting economic reform and integration into the regional economy. Recent USTDA projects in Mongolia have involved the aviation sector, focusing on systems upgrades and training to improve safety. Below are brief descriptions of the most recent projects.

Airline Expansion Plan Technical Assistance - This \$500,000 technical assistance project is to facilitate Eznis Airways, a private airline, in devising a strategic expansion plan for its commercial aviation business. IOS Partners is conducting this assistance.

Standards Development Capacity Building - In 2007, USTDA funded a ten-day orientation visit for senior Mongolian representatives to visit the United States to discuss technical and policy aspects of standards, certification and conformity assessment procedures. The visit aimed to familiarize the Mongolian delegates with the U.S. market-driven strategy for the development, issuance and implementation of standards, and the role of the U.S. government and non-governmental standards associations in this process. The itinerary included Washington, DC; the Philadelphia, PA area; Peoria and Chicago, IL; and Milwaukee, WI. The visit was conducted by Meridian International.

Dundgovi Branch Rail Line - A \$391,550 USTDA grant is supporting a feasibility study to examine an 86-kilometer branch railroad line, which would connect a privately operated coal mine in south central Mongolia with the main North-South rail line, thus providing a more efficient avenue to transport the coal resources to domestic and regional markets. TERA International Group is conducting this assistance.

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