The US Trade and Development Agency (USTDA) offers grants to government and private-sector organizations in developing and middle-income countries for early-stage feasibility studies/investment analyses, pilot programs, technical assistance, and training. CTC assists clients in preparing successful applications for USTDA funding and implementing projects.

**Feasibility Studies**
CTC conducts early-stage analyses of major infrastructure investments. These studies define technology options, prepare conceptual and preliminary designs, define project requirements, and gauge potential economic, financial, environmental, and social impacts.

**Pilot Projects**
CTC manages pilot projects to demonstrate US solutions and deliver robust performance evaluations. Our independent evaluations ensure credible data is generated to secure financing and ensure implementation.

**Technical Assistance**
CTC’s subject matter experts are available for assist with legal and regulatory reforms, creation of industry standards, and other market-opening activities.

**Training**
CTC delivers training to decision makers and technology implementers to increase the capacity of these individuals to make informed technology purchasing decisions.

Grant recipients are eligible in more than 100 countries across the globe. Priority is given to large infrastructure projects where implementation financing is accessible, project impacts are positive, and imported content includes US goods and services.

Key technology sectors include:
- Clean energy and energy efficiency
- Information and communications technology
- Water and wastewater

**Grant Applications**
CTC can assist with the grant vetting process and ensure proposed projects appropriately align with the agency’s funding priorities. The USTDA does not have a standard application form or submission deadline, but accepts requests for assistance throughout the year on a rolling basis. Grant seekers must submit a letter or request that outlines the intended project scope and supporting material. However, initial project concepts should be vetted with USTDA points of contact prior to submission. Funding for USTDA projects typically range from $250,000 to $600,000.

**CTC Advantage**
CTC is a diversified US-based applied research and development (R&D) organization with robust experience conducting feasibility studies and providing technical assistance for advanced technology applications in energy, environment, IT, cyber defense, manufacturing, and other sectors. We are an experienced US government contractor and our 1,400+ personnel operate from more than 40 locations across the US and internationally. Our project portfolio includes work in Africa, Asia, Europe, and the Middle East. You can learn more about CTC at our website: www.ctc.com.
### Types of Studies/Assistance Funded by USTDA

<table>
<thead>
<tr>
<th>Client Categories</th>
<th>Example Study/Assistance Project Types</th>
</tr>
</thead>
</table>
• Smart Grid or Energy Efficiency Pilots  
• Smart Grid Implementation Strategies  
• Renewable Energy Project Portfolio Reviews and Tariff/Regulatory Technical Assistance  
• Biofuel Program Regulatory Development and Incentive Structures  
• Energy Sector Modernization and Restructuring Plans |
| Energy Utilities                                       | • Smart Grid Roadmaps and Master Plans  
• Power Plant Upgrades using Clean Energy Technologies  
• Large-scale Renewable Energy Plant Designs/Studies  
• Smart Metering  
• Grid Expansion or Rehabilitation Master Plans  
• Occupational Health and Safety Program Design |
| Large Manufacturing Facilities (Paper Mills, etc.) or Industrial Parks | • Independent Power Plants  
• Multi-site Energy Efficiency, Heat Recovery, or Green Technologies  
• Occupational Health and Safety Program Design  
• Large-scale Industrial Waste Treatment Systems |
| Alternative Energy Companies                          | • Large-scale Renewable Energy Plants  
• Multi-site, Small-scale Renewable Energy Plants |
| Manufacturing Industry Associations                    | • Multi-site Energy Efficiency Technologies |
| Government ICT Ministries                              | • Cyber Security Plans  
• National Digital Government Technology Infrastructure Designs  
• Data Center Designs |
| Research Institutes or Laboratories                    | • Smart Grid or Energy Efficiency Pilots  
• Smart Grid Implementation Strategies |
| ICT Companies                                          | • Server Farm Designs |
| Police, Security or Civil Defense Departments within City, State, or National Governments | • Emergency Response ICT System Moderation or Development Plans  
• Emergency Operations Center Development Plans  
• Emergency Communication System Designs  
• Intellectual Property Rights Protection Training |
| Water and Sanitation Companies                         | • Water Re-use Plans at Treatment Plants  
• Waste and Wastewater Treatment Facilities (new and upgrades) |
| Water or Environmental Management Divisions            | • Coastal Management Modeling Systems  
• Water or Wastewater Management Systems  
• Desalination Plants |
| Education Ministries                                  | • ICT Infrastructure and Information System Upgrades  
• Distributed Renewable Power Systems |
| Health Ministries                                     | • ICT Infrastructure and Information System Designs, including Electronic Health Records Systems |
| Telecommunication Companies                           | • Telecommunication System Upgrade Plans  
• WiMax or Broadband Network Development Plans |