



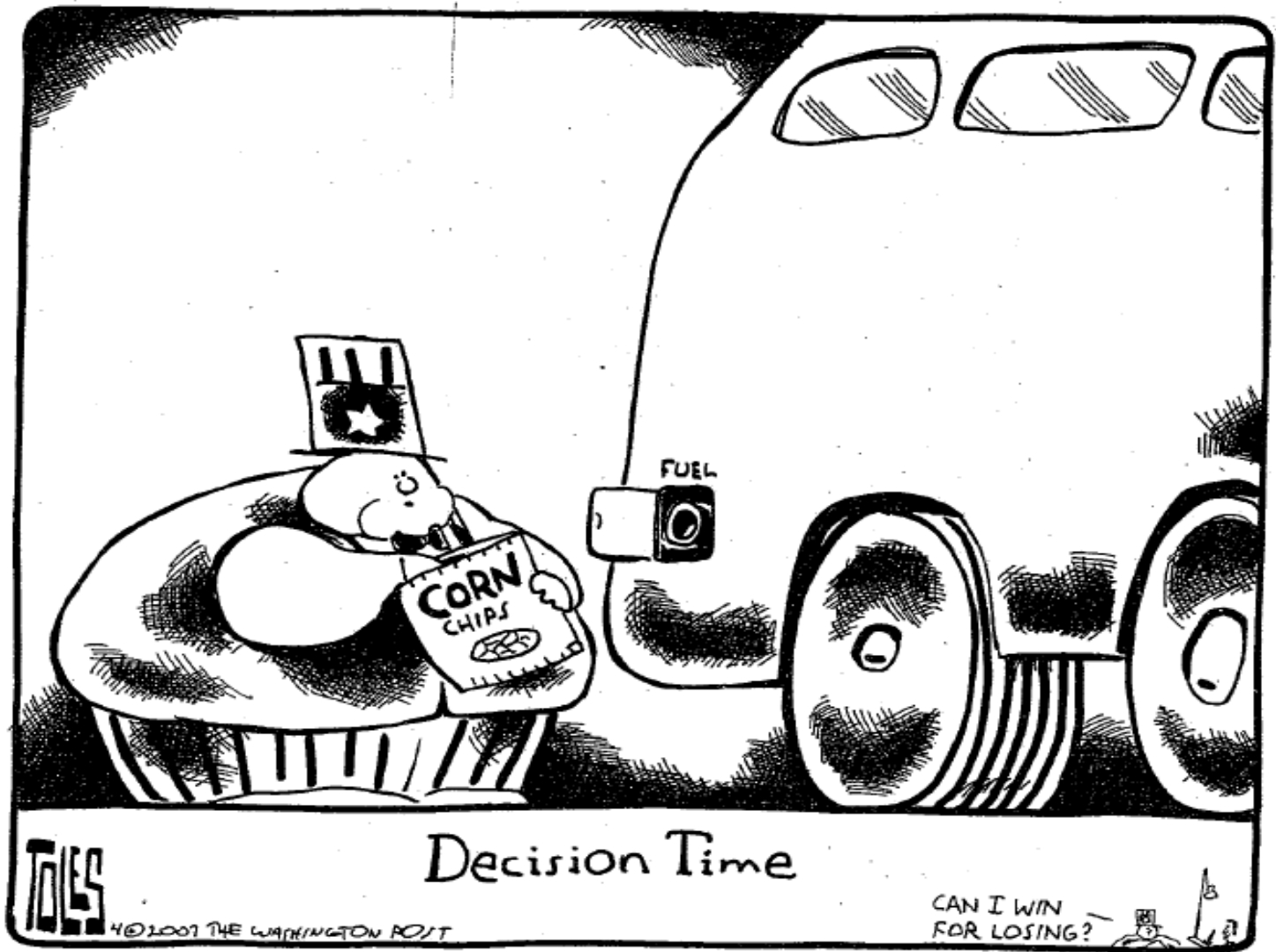
Support for Biofuels and Biotechnology Industry Exports

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Washington policy choices?

USTDA Support for Biofuels Sector Projects



U.S. - Brazil Biofuels Partnership



Indonesia: Biofuels OV

Biodiesel Processing/Palm Waste Energy Plant



Thailand: Biodiesel OV



India: Biodiesel Fuel Technology Project



Serbia: Biomass Combined Heat & Power 5MW Plant



Our Mission



Advance economic development through U.S. private sector involvement in growth of infrastructure and a fair/open trading environment. “Commercial Solutions to Development Challenges”.

Program Activities:

- ◆ Trade Capacity Building
- ◆ Investment Analysis
- ◆ Sector Development
- ◆ Project Definition



USTDA Facts

- ◆ An independent agency active in over 100 developing and middle-income countries.
- ◆ Grants to partners to access U.S. expertise for project planning.
- ◆ 200+ activities and approx. \$60 million annually.
- ◆ Facilitated over \$25 billion in U.S. exports to emerging markets.



USTDA assistance led to the groundbreaking for this solid waste treatment complex in Vietnam



Targeted Activities & Sectors

- ◆ **Trade Capacity-Building Assistance**
- ◆ **Transportation Safety & Security**
- ◆ **Environment**
- ◆ **Energy**
- ◆ **Information & Communication Technology**
- ◆ **Transportation Infrastructure**

SUCCESS

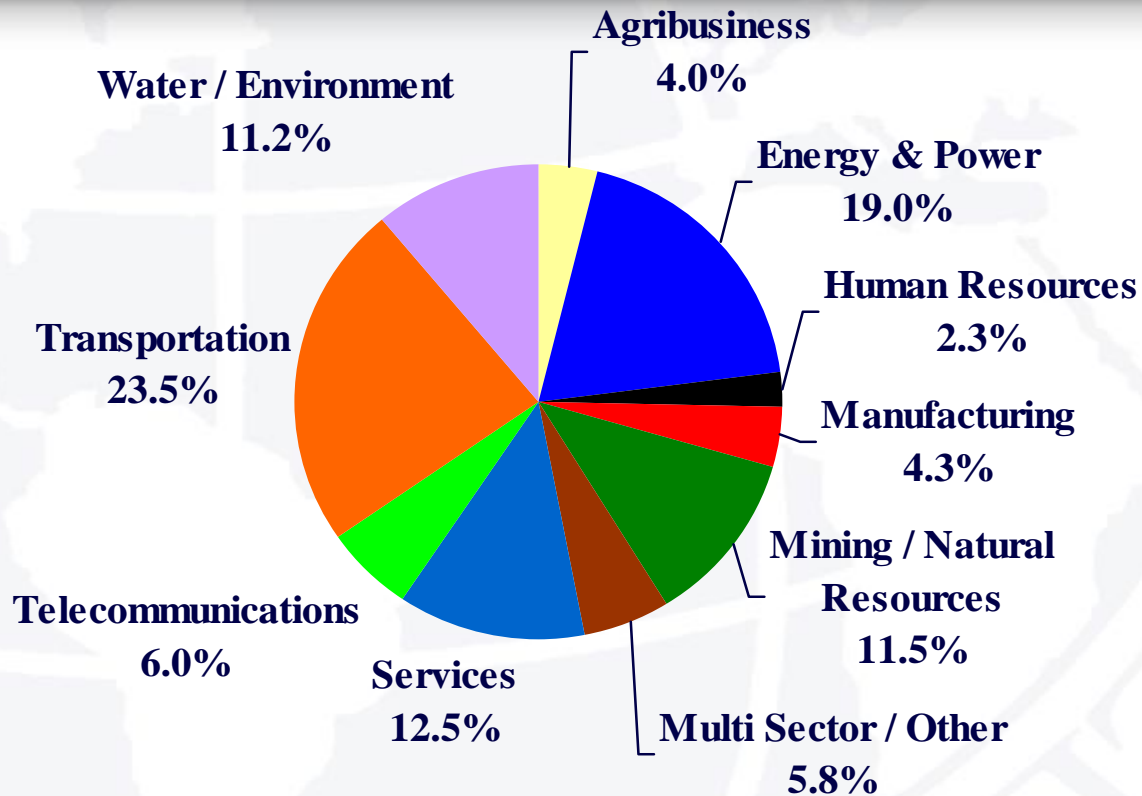


Mexican Landfill Biogas to Energy Plant



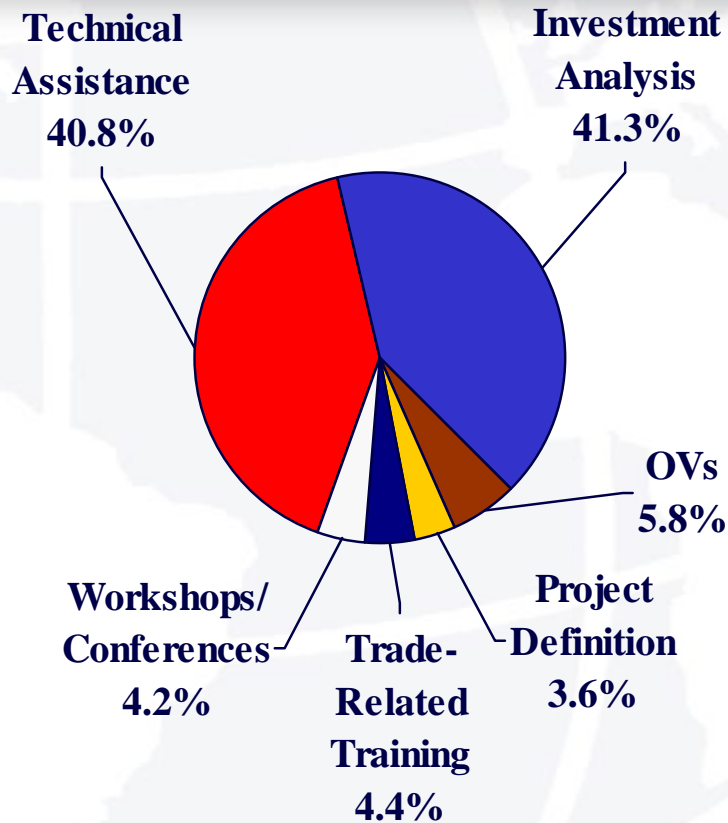
USTDA By Sector

(by value of obligations FY 2005)



USTDA Activities

(by value of obligations)



Investment Analysis



USTDA funded investment analysis associated with this isomerization project in the Philippines.

- ◆ Evaluation of Infrastructure Development Projects
 - ◆ Technical, financial, legal and environmental analyses
 - ◆ Procurement assistance
 - ◆ Developing bidding procedures, evaluation of technical proposals



Orientation Visits

- ❖ USTDA brings foreign project sponsors to the United States to observe the design, manufacture, and operation of U.S. products and services.



South Africa energy and power
Orientation Visit



Sector Development

Technical Assistance:

- ◆ Development of sector strategies, industry standards, and legal and regulatory regimes.
- ◆ Adoption of market-opening policies and procedures that promote a favorable business and trade environment.



USTDA Support for Biofuels and Other Alternative Energy Projects

- ◆ Promoting clean energy to reduce fossil fuels usage and improve the environment.
- ◆ Use of *U.S. Private Sector* expertise to define solutions to technical, financial, logistical, and other project implementation challenges.
- ◆ Funds for investment analyses, sector development TA, capacity activities.
- ◆ USTDA has provided over \$15 million for alternative energy sector activities in over 20 countries worldwide.



USTDA Biofuels Projects

Indonesia: Biodiesel Processing/Palm Waste-Energy Project

- ◆ USTDA approved a \$540,000 feasibility grant to PT Perkebunan Nusantara III for an integrated biodiesel processing / power production plant in North Sumatra.
- ◆ Biodiesel from palm oil for domestic market, electricity/steam cogeneration utilizing palm biomass waste.



USTDA Biofuels Projects



India: Biodiesel Fuel Technology Project

- ◆ USTDA provided a \$70,000 grant to Bhoruka Power Corp. to partially fund a study to examine the financial feasibility of utilizing biodiesel modular production units in India.
- ◆ The project will have the capability of producing 3 million gallons of biodiesel per year from locally available raw materials.



USTDA Support for Agricultural Biotechnology



China and India Ag Biotech Training



- USTDA is providing over \$1.5 million for training and capacity building programs for China and India in agricultural biotechnology.
- In China, government policies and regulatory adjustments based on elements of USTDA's program have already facilitated a significant increase in U.S. soybean exports.





U.S.-Brazil Biofuels Partnership

- ❑ Bilateral cooperation in biofuels industry development in select third countries (e.g., El Salvador, DR)
 - ❑ Funding for project feasibility studies, and TA to expand markets (e.g., thru common industry standards)
 - ❑ Ethanol, biodiesel and biogas; as well as next generation biofuels technology
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USTDA Funding Criteria

USTDA evaluates projects based on the following criteria:

- ◆ Developmental priority of the project.
- ◆ Likelihood of receiving implementation financing.
- ◆ Ability to generate measurable outcomes.
- ◆ Mutual benefits for the United States and host country.

No formal application procedure. Model Proposal Format can be found at www.ustda.gov. Requests may come from a public or private foreign entity or from a U.S. firm interested in the project.



Grant Process Flow Chart



Submit a Proposal



Approve Grant



Select a U.S. firm

**ENTER INTO A
CONTRACT**



USTDA Contact Information



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