

OAS support for Bioenergy Projects



Bioenergy Week at EMBRAPA Brasilia-Brazil



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What is the OAS?



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- World's oldest regional organization – Formed in 1890 at First International Conference of American States
- Is the premier forum for multilateral dialogue and concerted action in Latin America and the Caribbean
- GS/OAS serves 34 member states of the hemisphere
- Representative Offices in most of its member states
- Department of Sustainable Development
- Energy and Climate Change Mitigation Section



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See for more info: www.oas.org

The OAS - Promoting Sustainable Bioenergy



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The OAS promotes the development of Sustainable Bioenergy as a strategy in support of:

- Rural development (employment, business development, infrastructure)
- Energy Security / Energy Diversification
- Contribute to sustainable emissions reductions
- Promote the development of sustainable biofuels policies
- Promote better management practices
- Capacity building



Plan of Action



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A. Facilitate the Articulation of adequate policy and regulatory frameworks for biofuels development.

- Technical Assistance for Sustainable Bioenergy Market Development
- Technical Assistance to support the articulation of National Biofuel Policy & Regulations

B. Project Identification identifying potential initiatives for biofuels production and use.

- Mapping of Bioenergy resources

C. Feasibility studies on biofuels production and use.

- Exploring opportunities for pilot project in Blending
- Exploring opportunities for pilot project in Production

D. Support the Creation of a Sustainable Biofuels Network.

E. Support other Clean Energy and Climate Change Mitigation Initiatives.

- Solar PV System in the Dominican Republic



US-Brazil Biofuels Partnership: OAS Role



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In March 2007, the U.S. and Brazil signed the bilateral agreement to promote the development and use of biofuels in the Americas

The OAS was designated as a collaborating institution in the implementation of the alliance and it is playing a critical role in the execution of technical assistance programs and projects for sustainable bioenergy in the region



The Department of Sustainable Development, through its Section on Energy and Climate Change Mitigation, manages a series of bioenergy initiatives with **LAC third-party countries**

What is the US-Brazil Biofuels Partnership?



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- **Goal:** Support the development of biofuels policy and programs within partner countries
- **Partner Countries (Third Party Countries)**
 - **Caribbean:** Dominican Republic, St. Kitts and Nevis, Haiti, and Jamaica
 - **Central America:** El Salvador, Guatemala, and Honduras
- **What is the objective of the initiative?**
 - Support development and local use of biofuels
 - Reduce dependence on imported fossil fuels
 - Share knowledge/best practices from US and Brazil experience with and among partner countries

Challenges for Bioenergy in LAC



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- **Lack of technical information** regarding biomass resources
- **Poor energy and agricultural infrastructure** for bioenergy development
- **Lack of human** and institutional capacity
- **Absence of legal frameworks** and regulations that address the development of bioenergy
- **Lack of knowledge** in the general public about the benefits that can be attained through the development and use of bioenergy
- **Smallholder farmers** in LAC face high certification costs



Dominican Republic



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- **Objective:** Support policy implementation for biofuels –ethanol- development and its domestic use.
- Key Activities-Status:
 - Definitional Mission for Biofuels Development (Winrock)-**Done**
 - Stakeholders consultation-**Done**
 - Biofuels Development Country Assessment (FGV)-**Done**
 - Technical Assistance for Biofuels Market Development (ESG)-**Done**
 - Support Small Scale Rural Bioenergy Project – **Done**
 - Support RET pilot project (PV system) -**Done**



El Salvador



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- **Objective:** Support policy implementation for biofuels –ethanol- development and its domestic use.
- Key Activities-Status:
 - Definitional Mission for Biofuels Development (Winrock)-**Done**
 - Stakeholders consultation-**Done**
 - Feasibility Studies on Biofuels Development and Country Assessment (FGV)-**Done**
 - Technical Assistance for Biofuels Market Development (ESG)-**Done**
 - Support Small Scale Rural Bioenergy Project – **Done**
 - Pilot project on Blending -**In Progress**

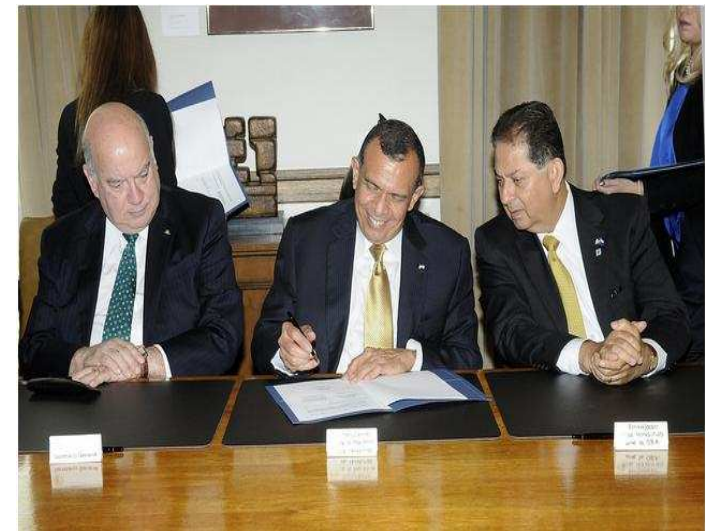


Honduras



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- **Objective: Technical assistance for small scale production of ethanol.**
- Key Activities-Status:
 - Promote institutional capacity building:
Conferences and workshops-**Done**
 - Definitional Mission and Multi-Sectoral Meeting-
Done
 - BID for the construction of a Small Pilot Ethanol
Production Plant-**In Progress**





- **Objective: Provide technical assistance for the design and implementation of a biofuels (ethanol and biodiesel) legal framework**
- **Key Activities:**
 - Knowledge sharing: Conference and Workshops – **Done**
 - Stakeholders Consultation and Definitional Mission – **Done**
 - Technical Assistance in support of legal framework– **Done**
 - Capacity Building Activities - **Done**
 - Exploring opportunities for pilot project – **In progress**
 - Coordinating a High Level Meeting – **In progress**

Jamaica



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- **Objective: Technical assistance to support the development and implementation of biofuels policy and regulations to stimulate its production and use**
- **Key Activities-Status:**
 - Multiple Meetings with Government Officials
 - Support the participation of Gov. officials in biofuels conferences and workshops – **Done** - but open to new opportunities
 - Definitional meetings with National Stakeholders - **Done**
 - Technical Assistance for Biofuels Development and Policy – **Done** (Winrock)
 - LCA (Evaluation of the 24 GBEP Indicators)-**In Progress**
 - Legal Preparedness for Sustainable Biofuels Production in Jamaica-**In Progress**





- Objective: Support the country in designing and implementing a sustainable bioenergy policy, focused primarily on Jatropha
- Key activities - Status:
 - Key Stakeholder Consultation – **Done**
 - Country Biofuels Assessment (Winrock) – **Done**
 - Support the Articulation and Implementation of Haiti's Bioenergy Action Plan – **In progress (OAS-IDB Partnership)**



- **GEF: Global Environmental Forum -**
<http://www.thegef.org>
- ❑ The GEF provides [grants](#) for projects related to biodiversity, climate change, international waters, land degradation, the ozone layer, and persistent organic pollutants.
- ❑ OAS with GEF funds is implementing the GUARANI AQUIFER SYSTEM PROJECT.
- ❑ Some objectives are:
 - To enhance and enlarge a technical knowledge of the Guarani Aquifer System.
 - To implement a permanent Well Monitoring Network and and Information System for the whole GAS.



- **EUIE: European Union Energy Initiative**

The Department of Sustainable Development within the Organization of American States received financing from the EUEI in 2008 for the implementation of the Action entitled: Increasing the Sustainability of the Energy Sector in the Caribbean through Improved Governance and Management. The working title for the Project is Caribbean Sustainable Energy Program (CSEP).

Primary Objective: Facilitate the adoption of energy policies and legislation in the seven Project Countries pertaining to address the market conditions for the development and use of renewable energy and energy efficiency systems by mitigating the barriers to their use

Project Countries: Antigua and Barbuda, Dominica, the Bahamas, Grenada, St. Kitts and Nevis, St. Lucia, and St. Vincent and the Grenadines.

Other Donors



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- Swedish International Development Cooperation Agency (SIDA)
- The Norwegian Agency for Development Cooperation (NORAD)
- Japan International Cooperation Agency (JICA)
- Department for International Development Cooperation (FINIDA)
- ❑ There many other Development Agencies.
- ❑ All these countries are **Observer Members** at the OAS

Where are we going...?



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- OAS/DSD is committed to promoting sustainable bioenergy and sustainable agriculture.
- The development of a carbon-neutral biofuels based on sustainable management and agricultural practices is of major importance to meet the sustainability principles that we have committed to as a member of GBEP.
- It is necessary to demystify bioenergy based on sustainable principles to attract investment into the sector to improve socio-economic development and environmental protection in LAC countries.
- **We are always supporting our Member States**





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Thank you !

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