

CARIBBEAN ENERGY AGENDA

I. REFERENCE FRAMEWORK OF THE CARIBBEAN ENERGY AGENDA:



The initiative of the Caribbean Community –CARICOM- to guide the Energy Agenda of the Caribbean Sub-region is; "The Energy Policy of the Caribbean Community". This initiative was approved by the XLI Special Meeting of COTED, which took place on March 1st, 2013 in Trinidad & Tobago.

Establish 15 lines of action:

Energy Policy

1. Security of Supply and Diversification
2. Exploitation of Hydrocarbon sources and fossil fuel markets
3. Renewable Energy
4. Electricity Sector
5. Energy Conservation and Efficiency
6. Energy Use for transportation
7. Energy Investment
8. Intra-Community Trade in Hydrocarbons Sources
9. Energy and the Environment
10. Enhancement of human and institution capacity
11. Energy Access and poverty alleviation
12. Cross-Cutting Issues
13. Energy and Climate Change
14. Energy and Disaster Preparedness
15. Trade in Energy Services

Additionally, OLADE presented a Work Plan for Energy Integration and Development to its Member Countries in this Sub-region, the Plan was approved by the National Coordinators and By CARICOM, in its virtual meeting held on April 11, 2013.

The main activities and measures proposed on this Work Plan are listed as follow and accordingly with OLADE's Strategic Objectives:

1. Public awareness and sensitization
2. Institutional Strengthening
3. Research, development & innovation
4. Technology Transfer



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Beneficiary Countries

II. THE CARIBBEAN ENERGY AGENDA

- a. **What is Energy Agenda?** Is the political framework for the Energy sector which includes the actions, programs and projects, established by agreement between the countries in order to increase, in the short time, the integration and development of the energy sector in a region?
- b. **The Goal of the CARICOM Energy Policy?** *“Fundamental transformation of the energy sectors of the Member States of the Community through the provision of secure and sustainable supplies of energy in a manner which minimizes energy waste in all sectors, to ensure that all CARICOM citizens have access to modern, clean and reliable energy supplies at affordable and stable prices, and to facilitate the growth of internationally competitive Regional industries towards achieving sustainable development of the Community”¹.*
- c. **Which is the Energy Agenda for the Caribbean?** In the Caribbean there are two initiatives that define the lines of action in Energy issues, the first one is; “The CARICOM Energy Policy, considering that not all de Caribbean Countries are part of CARICOM, OLADE in coordination with its Member States in this sub-region approved the Work Plan for Energy Integration and Development in the Caribbean. The Work Plan for the Caribbean Sub-region is a result of the inter-agencies work that is now supporting the energy sector in the Sub-region. (CARICOM, OLADE, ECLAC, CEIS, UNDP, UNEP, URC, IADB, World Bank, OAS, CYTED RED, Canadian International Cooperation).

In the following square is detailed the final version of the Work Plan for Energy Integration and Development in the Caribbean, approved by the National Coordinators by it virtual meeting held in april 11 2013. (In green color the two priority projects developed in 2013)

¹ The goal of CARICOM Energy Policy

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I. PUBLIC AWARENESS AND SENSITIZATION (workshop, training, focus groups, Networks)			
SUB-AREA	CODE	ACTIVITY / DELIVERABLE	AGENCY INVOLVED
Energy Efficiency	I.1.1	Training for fleet managers and mobile equipment operators in efficient driving techniques	CAPRI, South-South Co-operation
	I.1.2	Training and certification of Energy Auditors	OLADE-CARICOM
Energy Planning	I.2.1	Workshop on standardization of the national energy balance methodology	OLADE-CARICOM- OAS
	I.2.2	Energy balance, greenhouse gases emissions inventory and deployment of the National Energy Information System (SIEN) update and maintenance	OLADE-CARICOM- OAS
	I.2.3	Training in formulation of scenarios and the management of the forecast model and obtaining the country's energy forecast	OLADE-CARICOM-OAS
II. RESEARCH, DEVELOPMENT AND INNOVATION (studies, technical assistance, advisory services, data gathering)			
SUB-AREA	CODE	ACTIVITY / DELIVERABLE	AGENCY INVOLVED
Energy Efficiency	II.1.1	Implementation of energy saving measures at national level	WBI, UNEP, CYTED
	II.1.2	Support and strengthen the units responsible for the energy saving programs and energy efficiency in each country.	OLADE
	II.1.3	Conduct energy audits for public sector building	OLADE-CARICOM
	II.1.4	Develop projects and programs for energy savings and energy efficiency	WBI- OLADE-CEIS- UNEP-CYTED
	II.1.5	Complete and approve technical standards for energy and environmental efficiency of the equipment with major energy consumption	n/i ²

² n/i= not information available

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	II.1.6	Design and implement of programs to replace incandescent lamps with efficient lamps in all consumers sectors	WBI
	II.1.7	Complete and approve technical standards for energy and environmental efficiency of the equipment with major energy consumption	WBI-UNEP
II. RESEARCH, DEVELOPMENT AND INNOVATION (studies, technical assistance, advisory services, data gathering)			
SUB-AREA	CODE	ACTIVITY / DELIVERABLE	AGENCY INVOLVED
Energy Efficiency	II.1.8	Design and implementation of a program of efficient wood stoves in rural households	n/i
	II.1.10	Preparation of studies to implement plans to reduce technical and non technical losses in electricity distribution networks.	OLADE-CARICOM
	II.1.11	Energy efficiency in land transport	CARICOM-CaPRI
Renewable Energy	II.2.1	Prepare a portfolio of projects of small and medium size hydropower plants that are in mature stage of preparation, and complete the analysis and required studies to take them to the financing stage.	CDB
	II.2.2	Assessing Options for Investing in Power Generation	OLADE-CIDA
	II.2.3	Review existing studies and initiatives and update the economic, technical, environmental and social aspects of renewable projects identified by the Member Countries, to take them to their funding phase.	CDB-WB-IADB
	II.2.4	Develop programs and complete and update the maps of wind and solar potential of the region.	UNEP (Solar Water Heaters program), CARICOM and CaPRI
	II.2.5	Assess the economically cogeneration feasible potential untapped in sugar mills and prepare existing portfolio.	CaPRI
	II.2.6	Conduct studies to promote the introduction of new and renewable fuels.	SIDS-DOCK (Biofuels Project), CaPRI
Energy Access	II.3.1	Support the identification and development of rural electrification projects through expanding programs in the network or in a decentralized way	OLADE-IADB-WB-
Climate Change	II.4.1	Climate Change Mitigation and Adaptation in the Energy Sector	OLADE-CIDA
	II.4.2	Programmatic CDM and NAMAs	OLADE-CIDA

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	II.4.3	ACP-CD4CDM (Low Carbon Development, Clean Development Mechanism)	URC/UNEP
	II.4.4	Mitigation Potential Study for the Caribbean Region	URC/UNEP
II. RESEARCH, DEVELOPMENT AND INNOVATION (studies, technical assistance, advisory services, data gathering)			
SUB-AREA	CODE	ACTIVITY / DELIVERABLE	AGENCY INVOLVED
Data Gathering	II.4.5	Energy Statistics Report	OLADE-CEIS
	II.4.6	Situation and outlook of the energy sector of LAC	OLADE-CIDA
	II.4.7	State of art of the information on energy uses in LAC	OLADE
	II.4.8	State of art of forecast energy information	OLADE
III. INSTITUTIONAL STRENGTHENING (Human, technical, financial, policy, plans)			
SUB-AREA	CODE	ACTIVITY / DELIVERABLE	AGENCY INVOLVED
Governance	III.1.1	Support and strengthen units or departments responsible for energy planning.	OLADE-CARICOM-ECLAC- UNDP-CEIS
	III.1.2	Market Models, Economic Regulations and Power Sector Tariffs in Latin America and the Caribbean	OLADE-CIDA
	III.1.3	Technical assistance to Develop Policies and Regulations in Power Industry	OLADE-CIDA-ECLAC
	III.1.4	Promoting Corporate Social Responsibility (CSR)	OLADE-CIDA
	III.1.5	Applying Corporate Social Responsibility practices in Rural Energy Systems in Isolated Areas	OLADE-CIDA
	III.1.6	Strengthening instances and sub regional offices of the regional energy sector	CARICOM, CIDA, OLADE
	III.1.7	Data Gathering	CARICOM-OLADE-CEIS-ECLAC
	III.1.8	Promoting the Transparency Initiative in the Extractive Industries	OLADE-CIDA
Capacity Building	III.2.1	Executive Development Program on Energy Planning	OLADE-CIDA
	III.2.2	Certificate on Energy and Social Inclusion	OLADE-CIDA
	III.2.3	Development and implementation of online training programs and issues related to the energy sector	OLADE-CARICOM-CEIS- CYTED-UCR

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III.2.4	Virtual Courses on Energy Topics (CAPEV-OLADE)	OLADE-CIDA
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IV. TECHNOLOGY TRANSFER (south-south co-operation in expertise, equipment and training)			
SUB-AREA	CODE	ACTIVITY / DELIVERABLE	AGENCY INVOLVED
South-South Cooperation	IV.1.1	The Effectiveness of South-South Cooperation in Climate Change Technology Transfer from Brazil to Latin American Countries	URC/UNEP
	IV.1.2	Cooperation Program on Energy for the Caribbean Countries Official Launching	OLADE-CARICOM-OAS
	IV.1.3	Exchange experiences in the development of rural electrification projects.	COUNTRIES-OLADE-CAPRI
Technology transfer	IV.2.1	Regional Energy Information System –SIER/OLADE-	OLADE
	IV.2.2	Economic and Energy Information System SIEE	OLADE-CIDA
	IV.2.3	National Energy Information System	OLADE-CIDA
	IV.2.4	Legal Energy Information System SIEL	OLADE-CIDA