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Organización Latinoamericana de Energía
Latin American Energy Organization
Organisation Latino-americaine d'Energie
Organização Latino-Americana de Energia

JODI Challenges and Opportunities in Latin American and Caribbean Countries

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12th International JODI Conference

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New Delhi, India

OLADE was created on November the 2nd, 1973, with the signing of the Lima Agreement, the constituent instrument of the Organization, ratified by 27 countries in Latin America and the Caribbean and a Participant Country, Algeria.

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MISSION: To contribute to the integration, sustainable development and energy security in the region, advising and promoting cooperation and coordination among its Member Countries.

VISION: OLADE is the political and technical-support organization by means of which its Member States undertake common efforts to achieve regional and sub-regional energy integration.

Contents

- LAC Data Collection Challenges
- LAC Data Processing Issues
- Strategies for improving data quality, completeness and timeliness.
- OLADE's Action Plan 2015

Focal Points in Each Country (27 total)

siee
Energy Economic Information System

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LAC Data Collection Challenges

Data collection, analysis and processing of Energy Statistics

Incomplete Data

Confidentiality: Unpublished statistics or delayed publications

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LAC Data Collection Challenges

Efforts Duplicity: Mismatched energy statistics

Non-qualified staff

High rotation of staff

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LAC Data Processing Issues

JODI Oil Form

	Crude oil	NGL	Other	Total (1)+(2)+(3)		Petroleum Products								
						LPG	Naphtha	Motor/ aviation gasoline	Kerosenes	*Of which: Kerosene type jet fuel*	Gas/ diesel oil	Fuel oil	Other oil products	Total oil products (5)+(6)+(7) +(8)+(10) +(11)+(12)
	(1)	(2)	(3)	(4)		(5)	(6)	(7)	(8)	*(9)*	(10)	(11)	(12)	(13)
+Production					+Refinery output									
+From other sources					+Receipts									
+Imports					+Imports									
-Exports					-Exports									
+Products Transferred /Backflows					-Products transferred									
-Direct use					+Interproduct transfers									
-Stock change					-Stock change									
-Statistical difference	0	0	0	0	-Statistical difference	0	0	0	0	0	0	0	0	0
=Refinery intake					= Demand									
Closing stocks					Closing stocks									

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LAC Data Processing Issues

OLADE Form (F03-D)

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MONTHT REPORT ON SUPPLY AND DEMAND
CRUDE OIL -PRODUCTS AND NATURAL GAS
SIEE - F03D

Code:
F-DIM-XX
Review No.00

Reference ISO 9001:2008	Prepared by:	Approved by:	Distribution:	Date:
7.1	DIN	DIN	MC Advisors	July, 2011

Country: Month: Year: Report Date(dd/mm/aaaa):

ITEM	Activity	Oil kbbl	Natural Gas Mm3	NGL kbbl	Liquefied Natural Gas kbbl	Natural Gasoline kbbl	Virgin Naphtha kbbl	LPG kbbl	Gasolines kbbl	Kerosene kbbl	Jet fuel kbbl	Diesel oil kbbl	Fuel oil kbbl	Refinery Gas kbbl	Others kbbl	Non Energy kbbl
3	Exports															
4	Bunker															
5	Initial stocks															
6	Closing stocks															
7	Domestic Supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Transformation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	- Refinery feed															
10	- Refinery output															
11	- Recovery plants inputs															
12	- Recovery plantas outputs															
13	- Power plants															
14	- Self - producers															
15	- Transfers inputs															
16	- Transfer outputs															
17	- Recycles															
18	Losses															
19	Own Consumption															
20	Adjustments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	Final Consumption															

LAC Data Processing Issues: Correspondence Between Forms

CORRESPONDENCE		REMARKS	
OLADE FLOWS	**JODI FLOWS**	**Petroleum, Natural gas, NGL**	**Oil Products**
Production	Production	Indegenous production	Refinery outputs + gas plants outputs + Interproducts transfer output
Imports	Imports		
Exports	Exports		
Initial Stocks	Not in JODI		
Closing Stocks	Closing Stocks		
Domestic Supply	Not in JODI	Production+Imports-Exports+Open stocks-Closing Stocks	Production+Imports-Exports+Open stocks-Closing Stocks
Transformation	Not in JODI	sum of processing plants inputs	sum of processing plants outputs
- Refinery load	Refinery Intake		
- Refinery output	Refinery output		
- Recovery plants inputs	Not in JODI	Processing Plants where natural gas is fractionated and/or where NGL are processed.	
- Recovery plants outputs	Not in JODI		Processing Plants where LPG, propane, butane, natural gasoline and others are produced from NGL.
- Power plants	Of which Power Generation		
- Self-producers	Of which Power Generation		
- Transfer inputs	Interproduct Transfers (negative)		
- Transfer outputs	Interproduct Transfers (positive)		
- Recycles	Products transferred		
Losses	Demand	Demand in JODI form will be calculated as the sum of losses, own consumption and final consumption in OLADE form.	
Own Consumption	Demand		
Adjustments			
Final Consumption	Demand		

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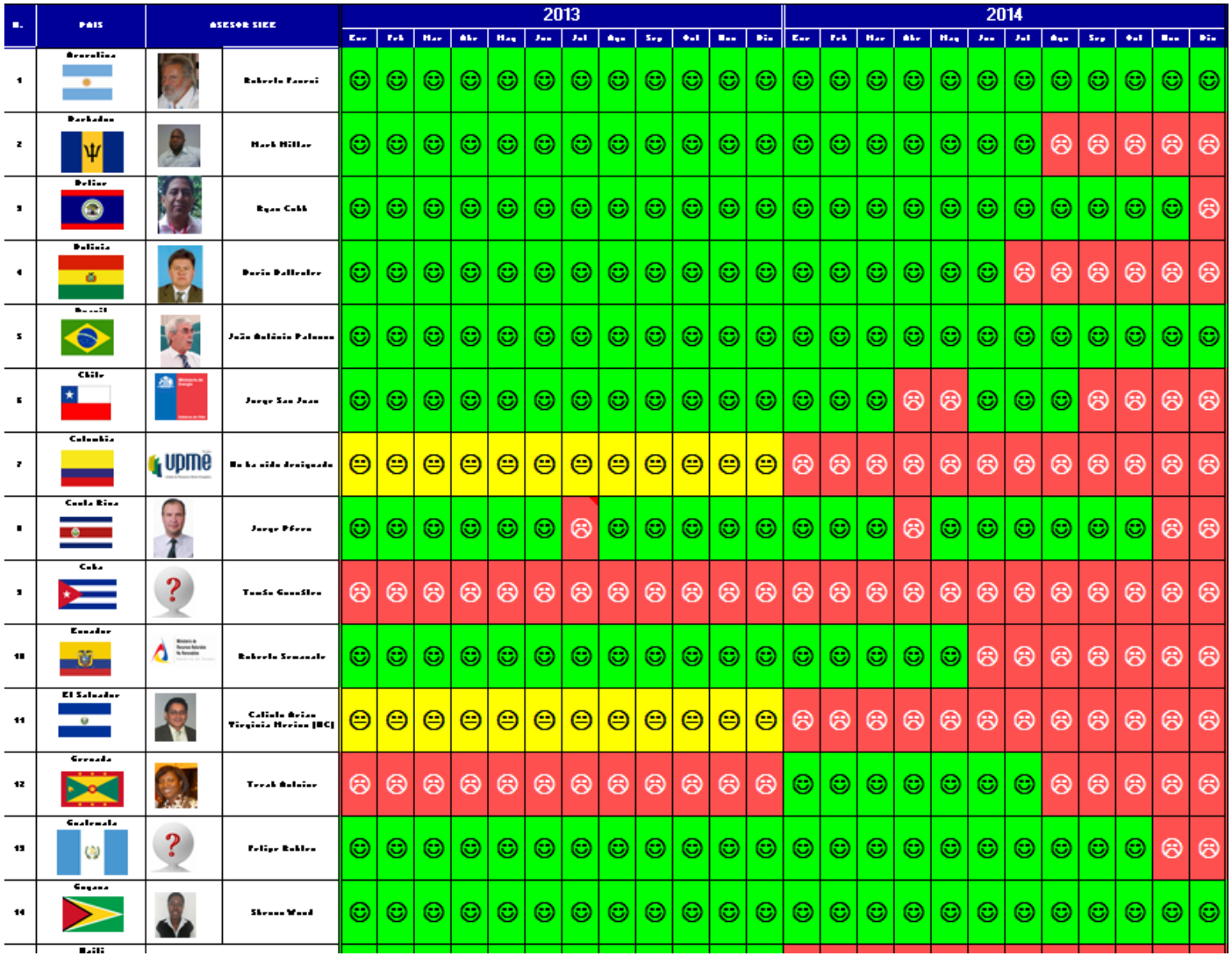
Strategies for improving data quality, completeness and timeliness

Monitoring and Dissemination



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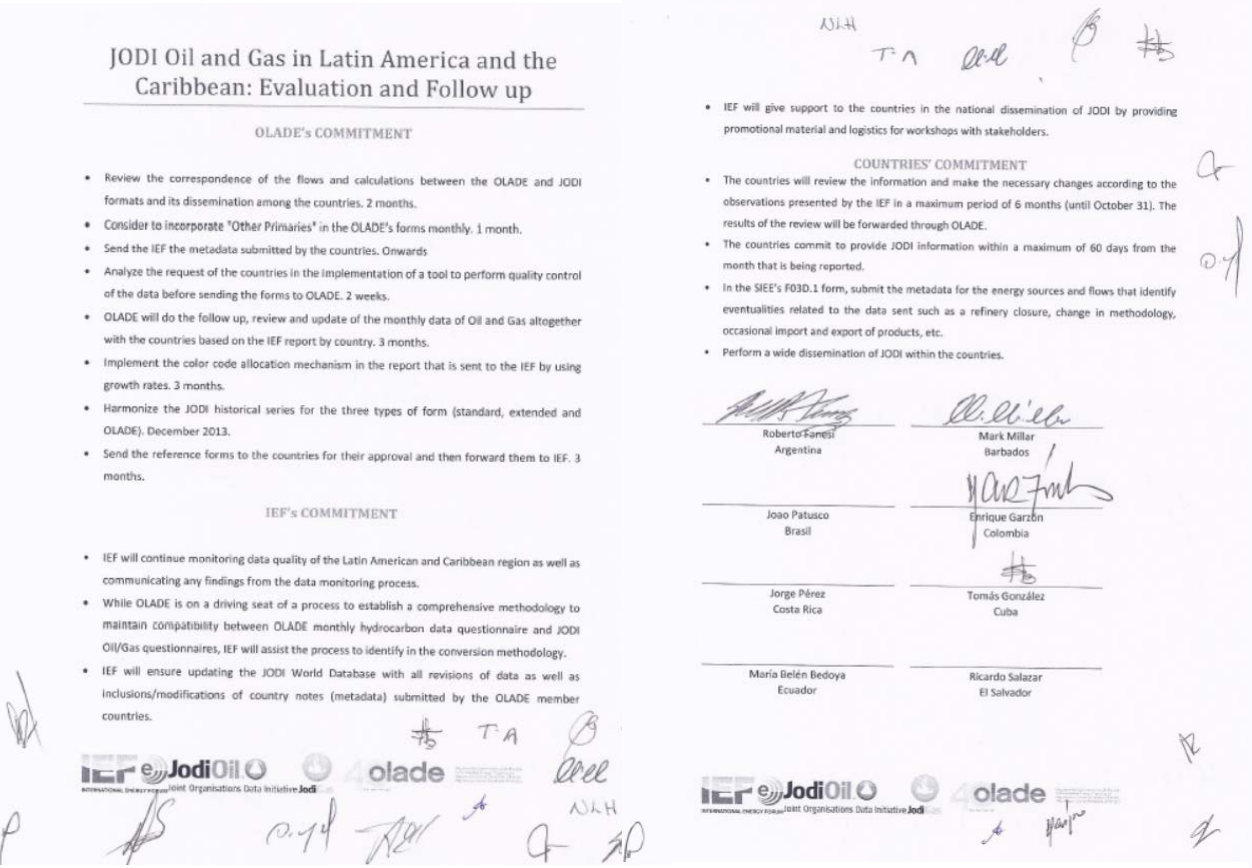
Strategies for improving data quality, completeness and timeliness

Remind the Countries' Commitments



JODI Oil and Gas in Latin America and the Caribbean: Evaluation and Follow up

OLADE's COMMITMENT

- Review the correspondence of the flows and calculations between the OLADE and JODI formats and its dissemination among the countries. 2 months.
- Consider to incorporate "Other Primaries" in the OLADE's forms monthly. 1 month.
- Send the IEF the metadata submitted by the countries. Onwards
- Analyze the request of the countries in the implementation of a tool to perform quality control of the data before sending the forms to OLADE. 2 weeks.
- OLADE will do the follow up, review and update of the monthly data of Oil and Gas altogether with the countries based on the IEF report by country. 3 months.
- Implement the color code allocation mechanism in the report that is sent to the IEF by using growth rates. 3 months.
- Harmonize the JODI historical series for the three types of form (standard, extended and OLADE). December 2013.
- Send the reference forms to the countries for their approval and then forward them to IEF. 3 months.

IEF's COMMITMENT

- IEF will continue monitoring data quality of the Latin American and Caribbean region as well as communicating any findings from the data monitoring process.
- While OLADE is on a driving seat of a process to establish a comprehensive methodology to maintain compatibility between OLADE monthly hydrocarbon data questionnaire and JODI Oil/Gas questionnaires, IEF will assist the process to identify in the conversion methodology.
- IEF will ensure updating the JODI World Database with all revisions of data as well as inclusions/modifications of country notes (metadata) submitted by the OLADE member countries.

- IEF will give support to the countries in the national dissemination of JODI by providing promotional material and logistics for workshops with stakeholders.

COUNTRIES' COMMITMENT

- The countries will review the information and make the necessary changes according to the observations presented by the IEF in a maximum period of 6 months (until October 31). The results of the review will be forwarded through OLADE.
- The countries commit to provide JODI information within a maximum of 60 days from the month that is being reported.
- In the SIEE's F03D.1 form, submit the metadata for the energy sources and flows that identify eventualities related to the data sent such as a refinery closure, change in methodology, occasional import and export of products, etc.
- Perform a wide dissemination of JODI within the countries.

Roberto Fanesi, Argentina
Mark Millar, Barbados
Joao Patusco, Brasil
Enrique Garzón, Colombia
Jorge Pérez, Costa Rica
Tomás González, Cuba
María Belén Bedoya, Ecuador
Ricardo Salazar, El Salvador

Terah Antoine, Grenada
Felipe Robles, Guatemala
Rodrigo Xoy, Guatemala
Jean Robert Alidor, Haití
Jacobo Toledo, Honduras
Natalie Levey -Henry, Jamaica
Amalia López, Nicaragua
Oscar Gálvez, Panamá
Daniel Puentes, Paraguay
Yobana Gálvez, Perú
Dervys Sánchez, República Dominicana
Arviend Ramawadh, Suriname
Timmy Baksh, Trinidad & Tobago
Alejandra Reyes, Uruguay
Fuad Al-Zayer, IEF
Gabriel Hernández, OLADE

Strategies for improving data quality, completeness and timeliness

Keep Promoting the Energy Information Committees

- Group of specialists at the national level who serve as inter-institutional advisors in their respective areas.

HAITI

- Representatives from major public and private institutions.

COLOMBIA

SURINAME

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OLADE's Action Plan 2015

Massive Online Training and Onsite Specific Training in Energy Statistics Management

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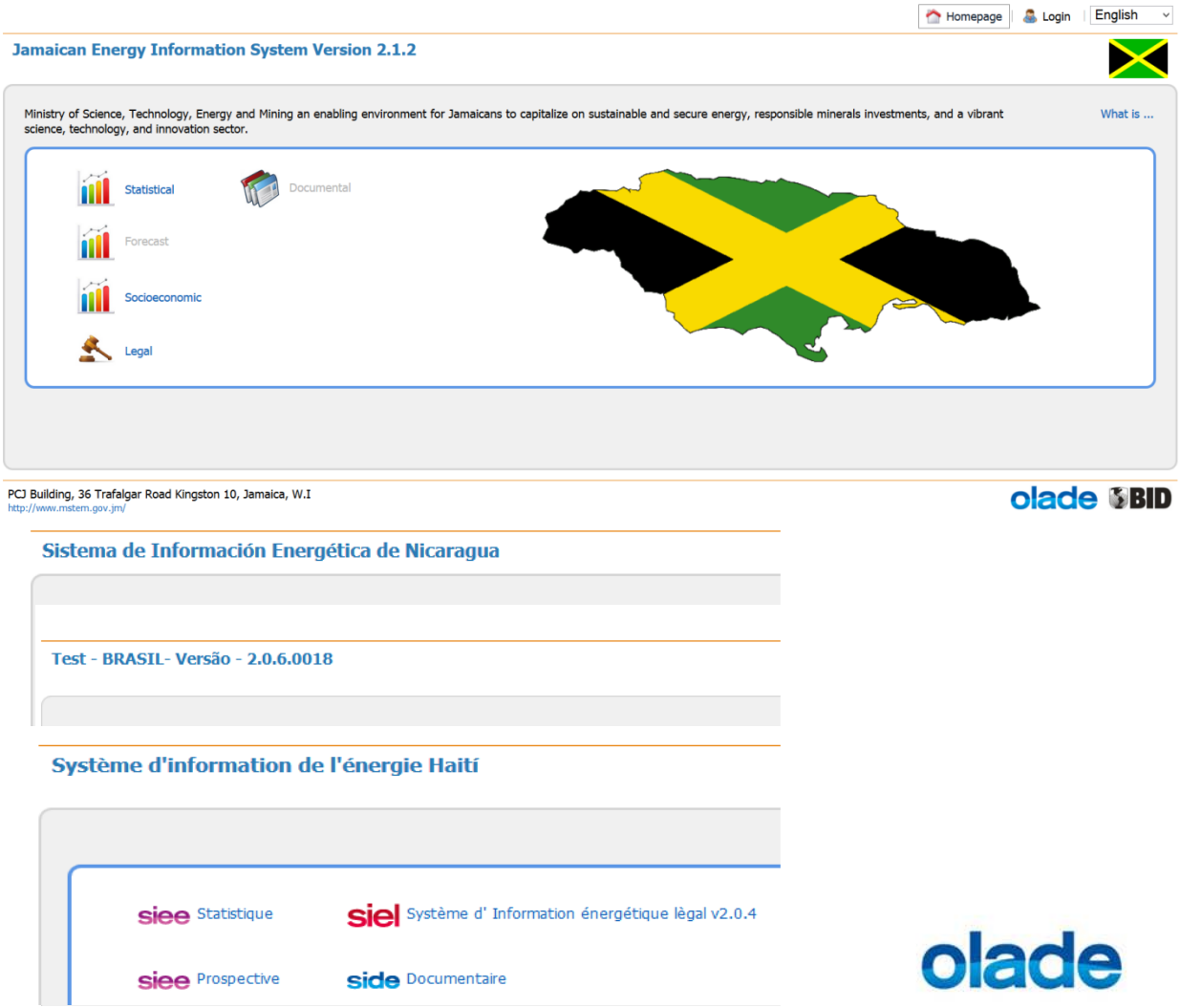
OLADE's Action Plan 2015

Strategy at a National Level: Keep Promoting the National Energy Information Systems

Barbados
Belize
Bolivia
Brazil
Colombia
Ecuador
Guatemala
Guyana
Haiti
Jamaica
Nicaragua
Panama
Peru
Dominican Republic



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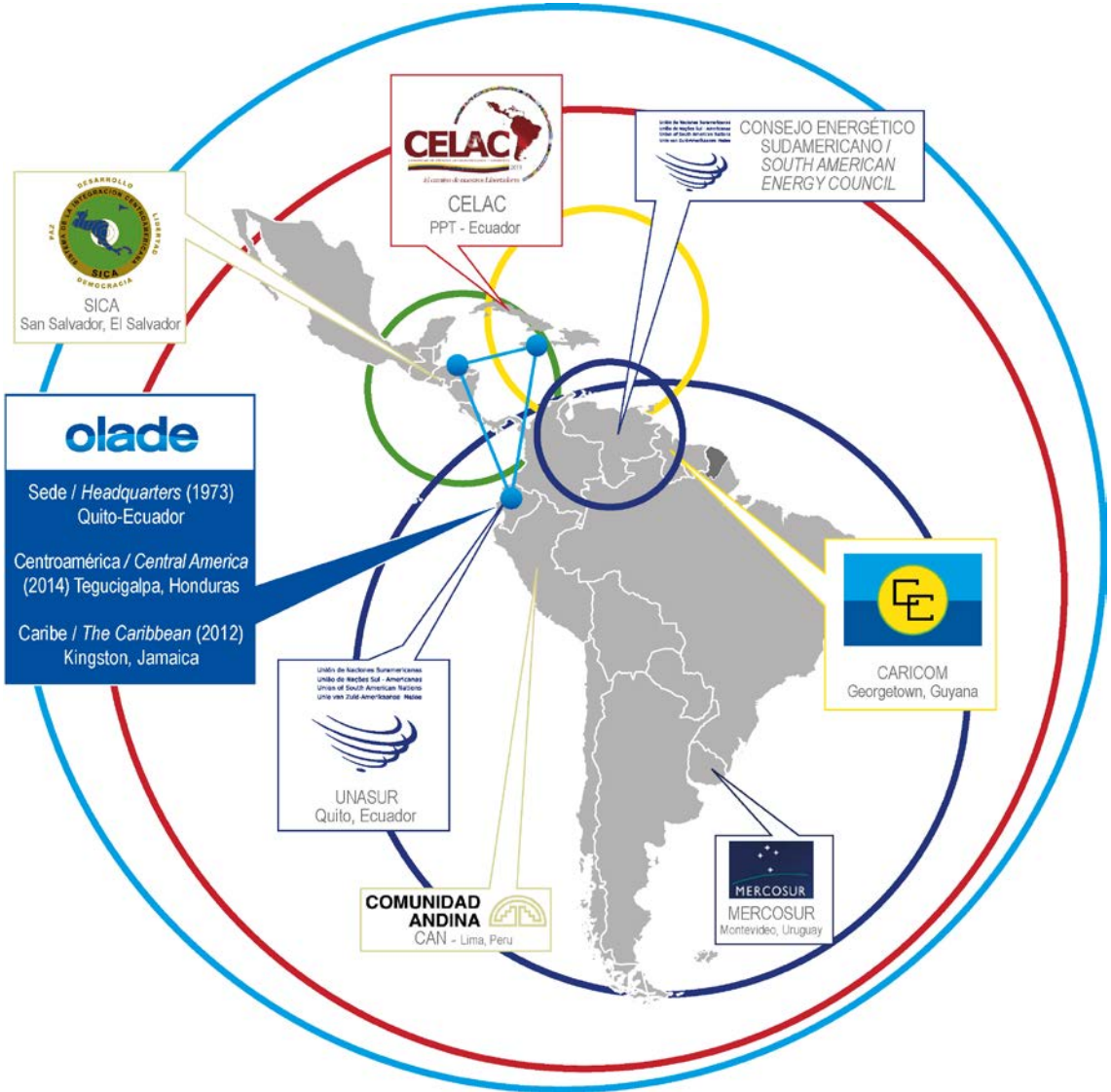
OLADE's Action Plan 2015

Sub-regional Strategy



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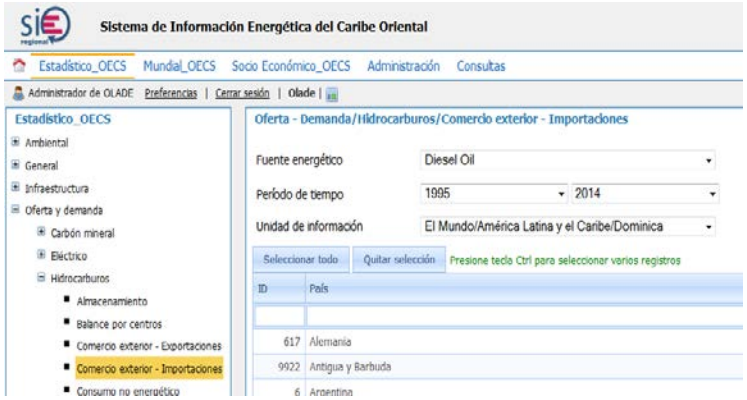
OLADE's Action Plan 2015

Sub-regional Strategy

- SIER - UNASUR (12 countries)
- SIER - CARICOM (6 countries)
- SIER - PETROCARIBE (19 countries)
- SIER - CELAC (33 countries)



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OLADE's Action Plan 2015

Regional JODI Oil and Gas Workshop & SIEE Advisors Meeting 2015

Third Quarter 2015

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South America	Central America and Mexico	Caribbean	Participant Country
Argentina	Belize	Barbados	Algeria
Brazil	Costa Rica	Cuba	
Bolivia	El Salvador	Grenada	
Chile	Guatemala	Guyana	
Colombia	Honduras	Haití	
Ecuador	Nicaragua	Jamaica	
Paraguay	Panama	Trinidad & Tobago	
Peru	Mexico	Dominican Republic	
Uruguay		Suriname	
Venezuela			