

Overview of the ECPA Energy Efficiency Working Group

Planning Meeting of the ECPA Energy Efficiency Working Group

Mexico City, Mexico

November 5th 2015



Organization of
American States

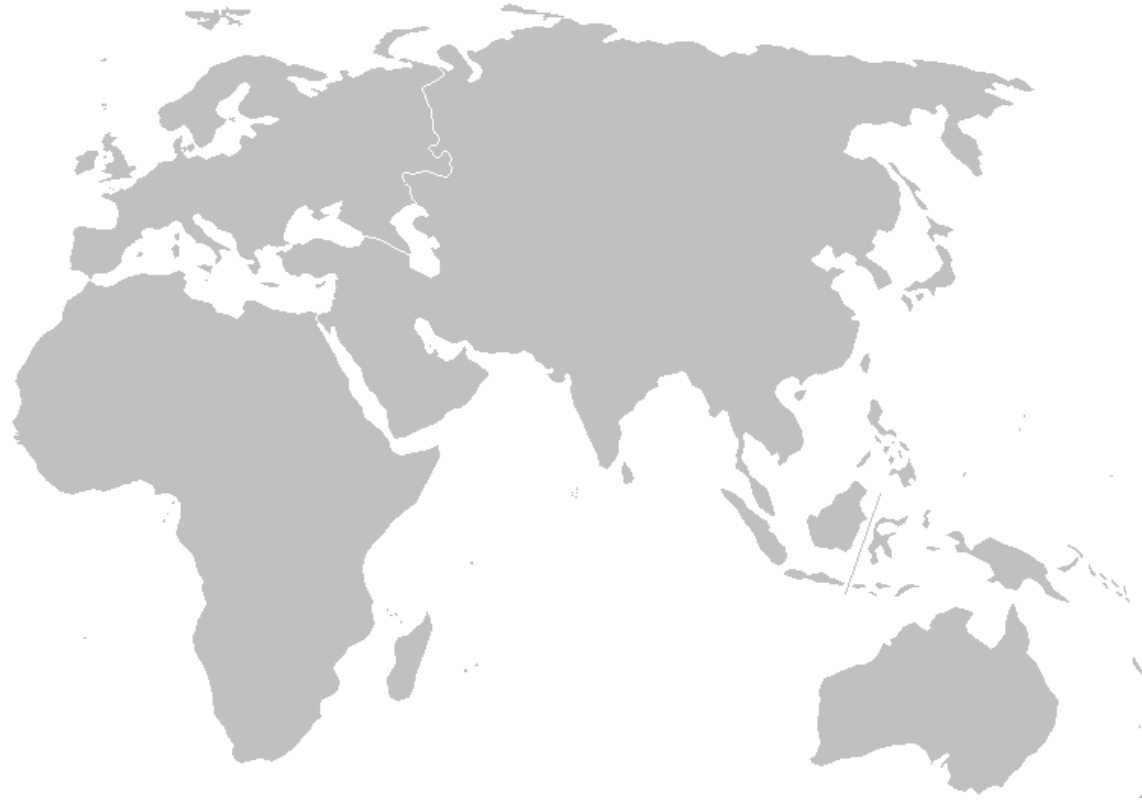
More rights
for more people



Organization of
American States

35 Member States

70 Observer States





Regional **Solidarity** and **Cooperation**

- o **Democracy**
- o **Human rights**
- o **Security**
- o **Legal Support**
- o **Integral Development**





What is ECPA

- **Launched at the 2009 Summit of the Americas held in Trinidad and Tobago.**
 - Leaders underscored that energy and climate change are among the most important issues confronting our future and they reaffirmed their commitment to work together towards a clean energy future.



Fosters partnerships

Collaboration

Building Knowledge

Awareness



ECPA Seven pillars



**Renewable
Energy**



**Cleaner and
more efficient
use of fossil
fuels**



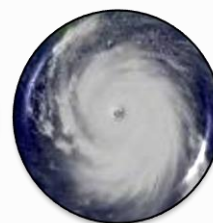
**Energy
infrastructure**



Energy poverty



**Sustainable
forests and land
use**



Adaptation



**Energy
Efficiency**



Goal

Advancing energy sustainability and low carbon economic growth by promoting energy efficiency and conservation

Components

Regional Workshops

Exchange missions

Seminars

Coordination and Technical Support

ECPA Energy Efficiency Working Group



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Regional Initiative

All western
Hemisphere
countries

Executing Agency:

Organization
of American
States

Partners:

Mexican
Secretariat of
Energy (SENER)

Mexican
National
Commission for
the Efficient
Use of Energy

Donor:

U.S. State
Department

Duration:

54 months
(Sep 2011 –
Mar 2015)



Financing for energy
efficiency and
conservation



Policy and regulatory
frameworks



Public awareness



Equipment
certification



Coordination and
Technical Support

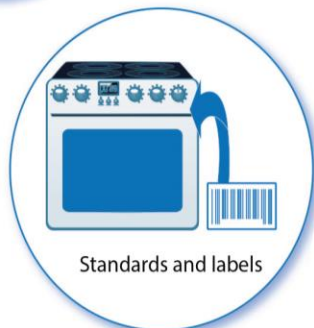


Best practices at
the local, state and
national levels

ECPA Energy Efficiency Working Group Programmatic Areas



Energy Service Company
(ESCO) business model



Standards and labels



Capacity building
and institutional
strengthening



Program design and
implementation



The numbers tell a story:

\$1 million invested

21 actions (16 planned)

+ 650 people trained

+ 10,500 person hours

+ 30 countries benefited

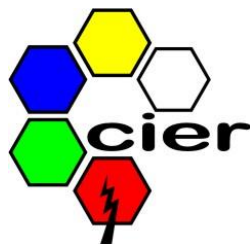


Coordination and
Technical Support



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American States

Our Partners



Regional Workshops formulate and implement energy efficiency actions



EMS-ISO 50001 Implementation. Chile
Standards and labelling. St. Lucia

Public buildings design. St. Lucia
National EE policy. Bolivia

2014

2012

2013

2015

Cierre
(Mar)

Inicio
(Sep)

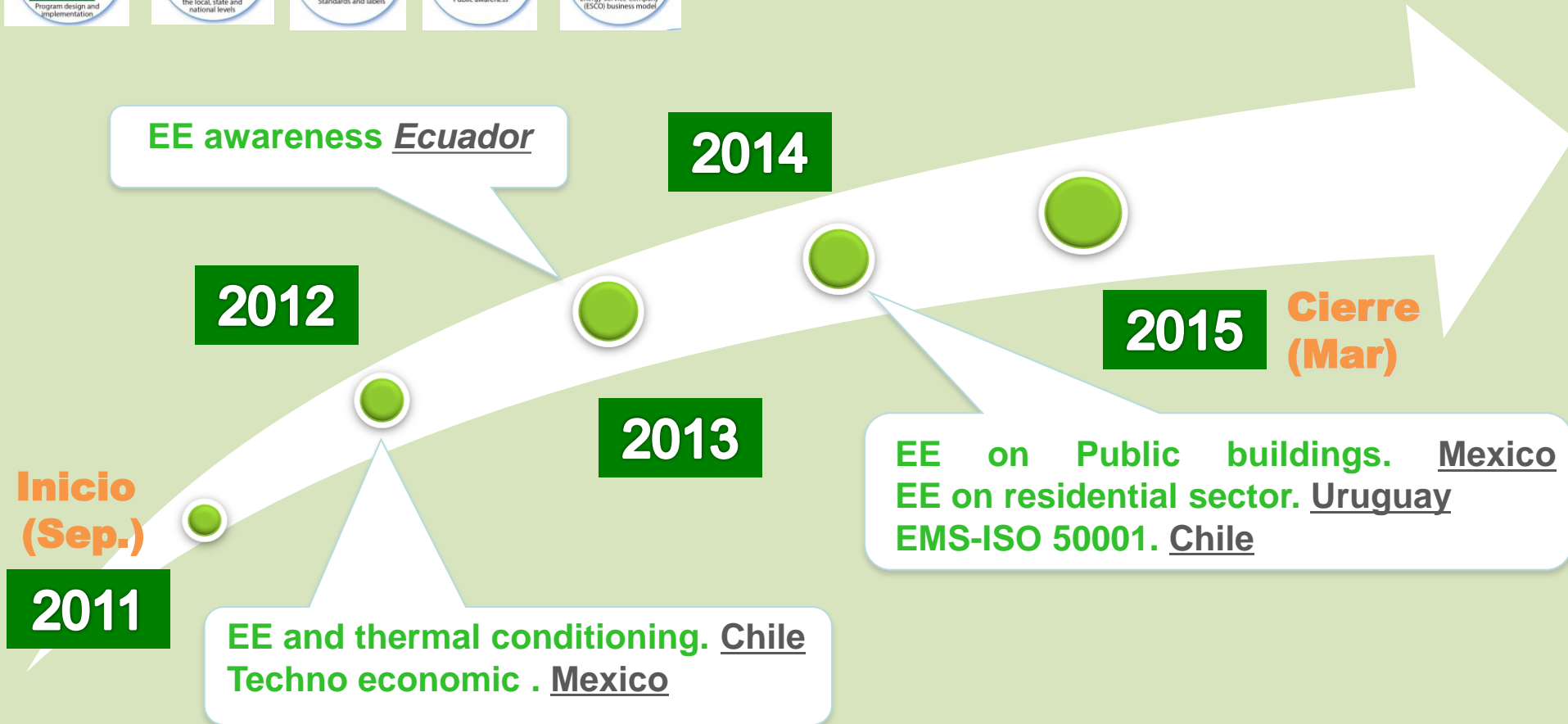
2011

Mexican's experience on EE México
EE in low-income households. Chile

V Political Dialogue. Peru
EMS-ISO 50001 Introduction. Barbados
EE in basic education (schools). Perú

Strengthening countries ownership combined with technical support and moderate investments would advance energy efficiency

Exchange Missions technical, policy, regulatory and finance aspects



Assistance should be focused on supporting key policy priorities & initiatives

Seminars with ECPA energy innovation centers across the region



Smart Grids. Chile
Energy Literacy. Antigua and Barbuda

II EE Innovation, R&D. Guatemala

2014

2012

2013

2015

**Cierre
(Mar)**

**Inicio
(Sep.)**

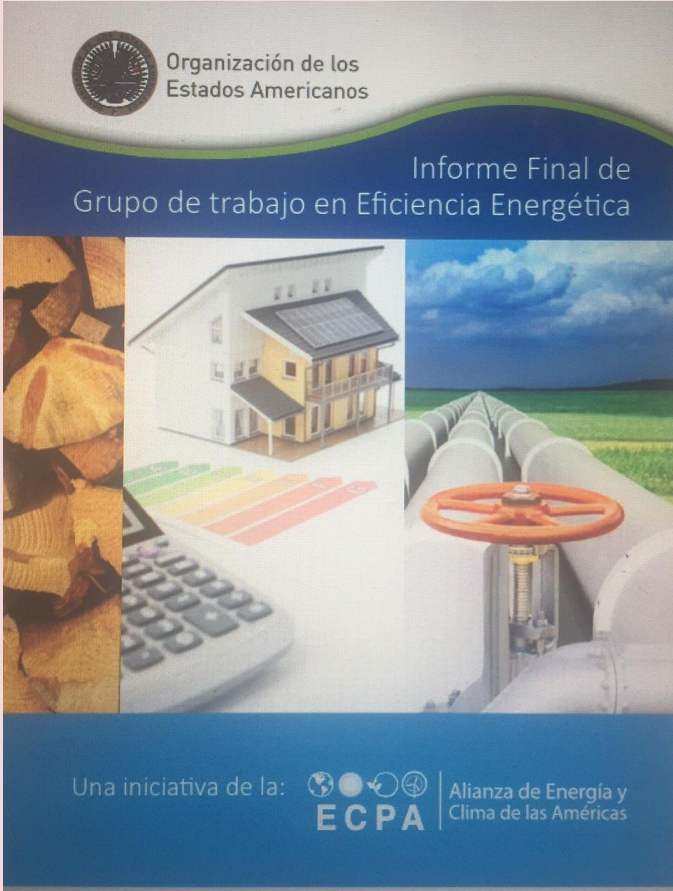
I EE Innovation, R&D. Costa Rica

III EE Innovation, R&D. México
**Cook-stoves, SWH, buildings,
transportation and solar PV. Haití**

2011

Create mechanisms to synchronize multiple (policy-makers/academic) networks

Coordination and Technical Support



Development of a cost-effective and well-integrated system of monitoring and evaluation.

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Regional Workshop on EE Designs for Office and Public Buildings
Feb 28-Mar 1, 2013 . Saint Lucia



Exchange Mission on energy efficiency in the residential sector .May 22-23, 2014. Uruguay



Seminar on Innovation, Science and Technology for the energy-Efficient Development. May 8-9, 2014.
Mexico



Seminar on Smart Grids. March 11-13, 2015. Chile



Energy Efficiency Program for Latin America



ALADI, ARPEL, CIER, ECLAC, OAS, OLADE and WEC

Sep 12, 2014 – Launch a Regional Program on energy efficiency: Toward a New Regional Energy Agenda

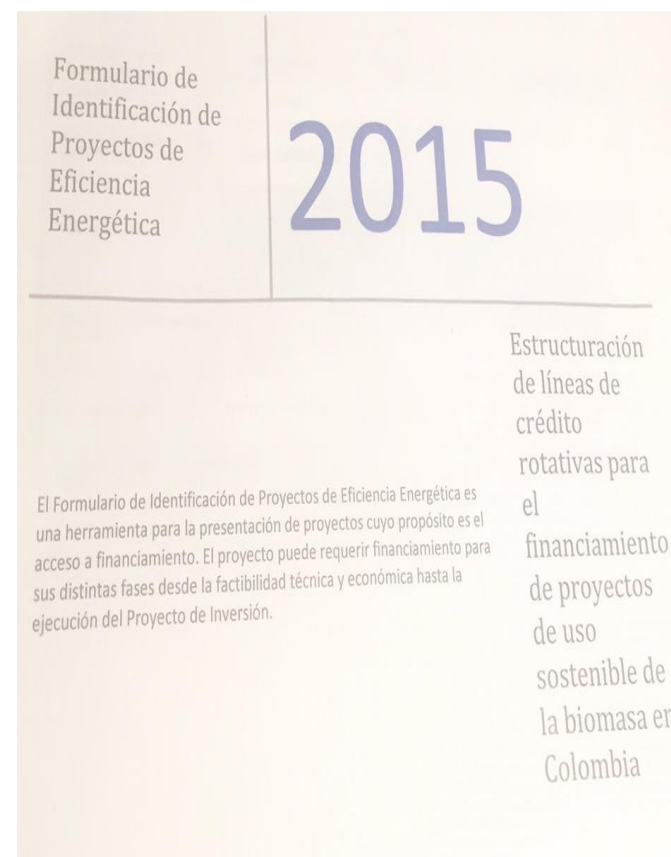
- Identify a common regional vision in the development of Energy Efficiency in Latin America and the Caribbean nations.
- Enhance efforts to catalyze the necessary market transformations promoted by the governments of each country, and key public and private players.



Funding Mechanisms

FINANCING DEVELOPMENT • LATIN AMERICA

- Supply side
- Demand side
- non-reimbursable technical assistance fund to support the development of energy audits and of investment projects





Funding Mechanisms

Sustainable Energy for Eastern Caribbean (SEEC)

- Efficiency Energy Audits/Business Proposals
- Investment in Energy Efficient Retrofits – Public Buildings, MSMEs
- LED Street Lighting
- Investment in Renewable Energy
- Commercial scale solar PV, SWH, solar cooling
- Assessments of adequacy of Legal, regulatory, institutional frameworks



Expressions of Interest/Follow-ups

- Exchange mission on testing appliance (ANCE): **Antigua and Barbuda**
- Business model on efficient cook-stoves: **Colombia and Honduras**
- Energy Efficiency National Program (S&L): **Haiti**
- EE Education Program: **Honduras (Trifinio)**
- Public Lightening: **Honduras (Gracia de Dios)**
- Energy Literacy in Schools: **Peru, Saint Lucia**
- EE Public Buildings Program: **Dominica, Trinidad and Tobago**
- Create a mechanisms to synchronize multiple (policy-makers/academia) networks to boost R &D

Recommendations for Action



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There are huge opportunities for cooperation and knowledge transfer among Latin American and Caribbean nations



CONNECT



SHARE



FINANCING



PARTICIPAT
E



“TOGETHER, IN DIVERSITY, WITH RESPECT, TOLERANCE, AND DIALOGUE, WE WILL BE ABLE TO SECURE **MORE RIGHTS FOR MORE PEOPLE IN THE AMERICAS!”**

**Luis Almagro Lemes,
Secretary General**



Thank you!

Carolina Peña

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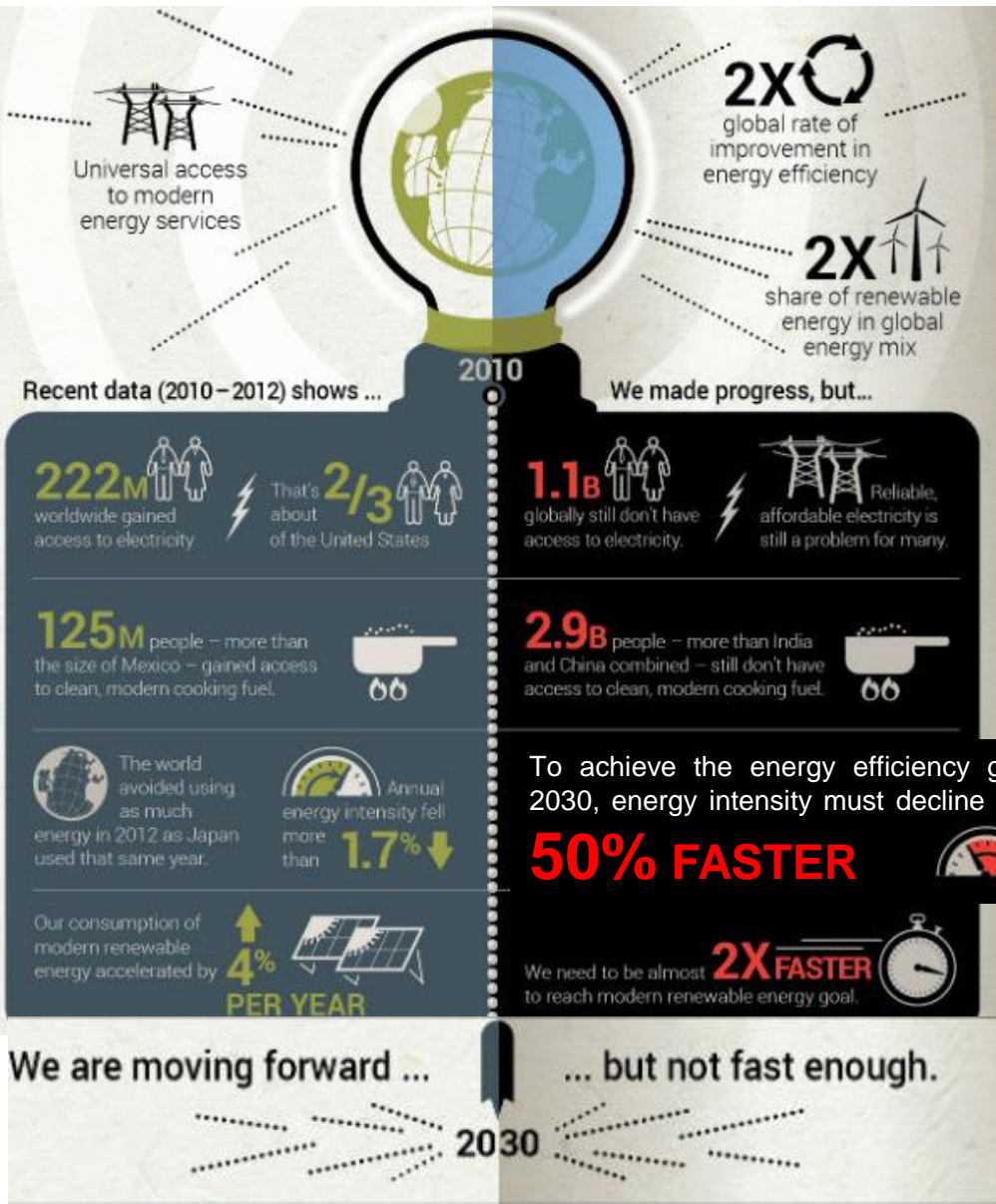
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Progress towards Sustainable Energy Goals



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Example:

100% conversion of lighting to LED could supply electricity to an extra 1.5 Billion households. UNFCCC

More than 50% of the world population lives in cities, which account for 75% of the energy use and 80% of CO2 emissions. UNFCCC

Efficient Energy Needs Bigger Priority

Bonn Technical Experts Meeting
(June 2015)

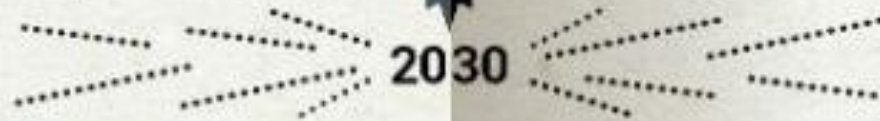
Progress on Sustainable Energy Goals



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We are moving forward ...

... but not fast enough.



WHAT IS NECESSARY TO REACH SUSTAINABLE ENERGY GOALS?



\$1.25 TRILLION in annual global investments in sustainable energy = **3 x** current levels

Right policies and strategies an enabling business environment for individual countries



Example: A switch to efficient on-grid and off-grid lighting globally would save more than USD 140 billion and reduce CO2 emissions by 580 million tones every year. UNFCCC

FOR MORE INFORMATION:
<http://trackingenergy4all.worldbank.org>
#EndEnergyPoverty



WORLD BANK GROUP

