

# ENERGY AND ENVIRONMENT PARTNERSHIP WITH CENTRAL AMERICA, EEP

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Chairman of EEP Steering Committee

2007

# BACKGROUND

- Launched in the WSSD, Johannesburg 2002
  - Seed money provided by the Ministry for Foreign Affairs of Finland in cooperation with CCAD and SICA
  - Extended until 2009 (Total EUR 7 Million)
  - Joint effort of the Ministries of Environment and Energy of Central America with Finnish Government
  - Austria Joined 2007 with 1.8 M€
  - Other Partners: 31 European and 33 Central American companies and institutions
- 119 projects

# OBJECTIVES

- to promote the use of renewable energy sources and clean technologies
- to make energy services more accessible to the poor
- to combat climate change

## THROUGH:

- Demonstrative projects
- Regional Forums
- Legal and institutional barriers removal
- Renewable energy market development
- Capacity building and training (including CDM)

# EEP Steering Committee 2007



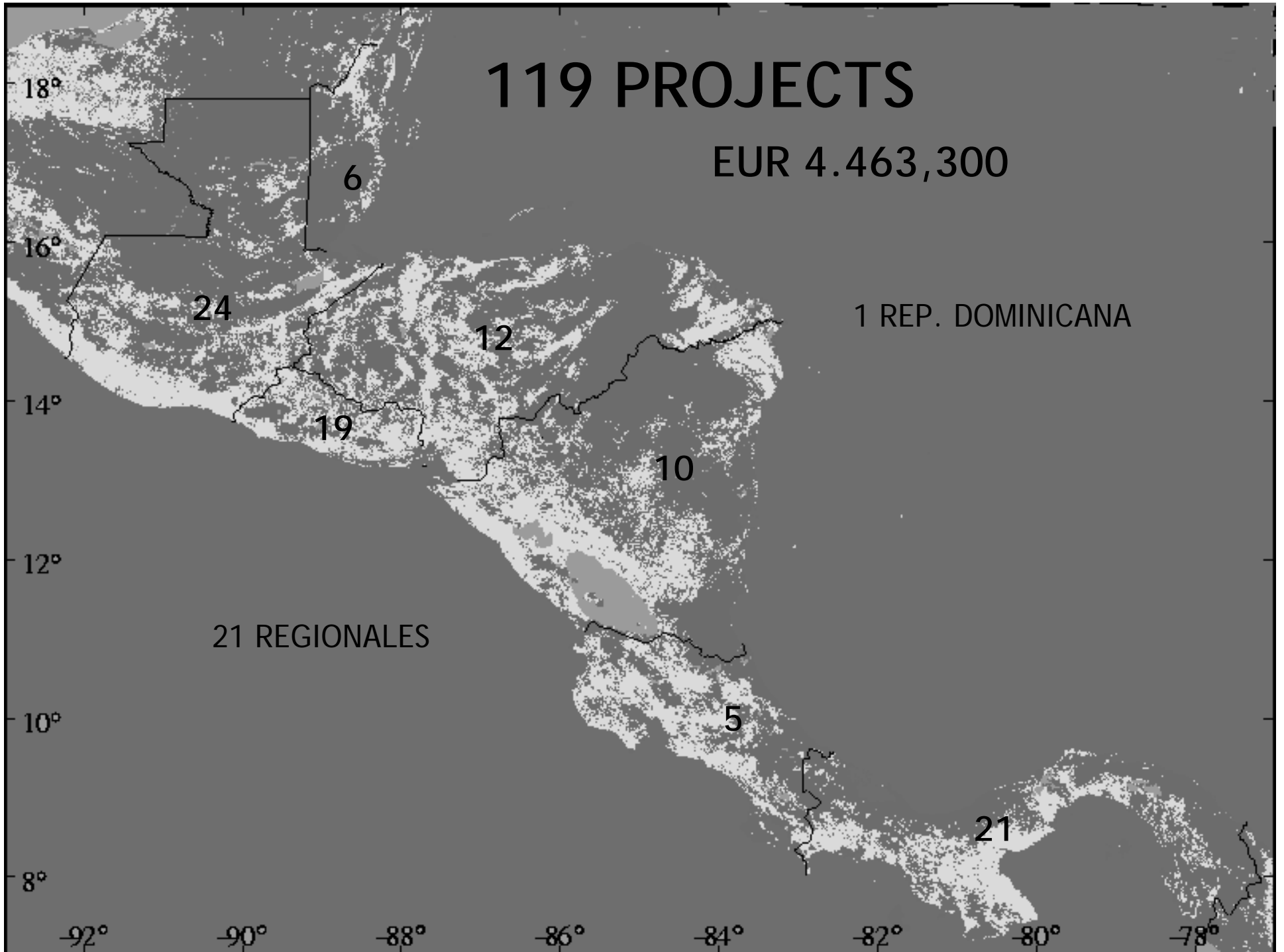


# 119 PROJECTS

EUR 4.463,300

1 REP. DOMINICANA

21 REGIONALES





Plantation of Jatropha Curcas and  
installation of a biofuel plant

# GUATEMALA AND EL SALVADOR



# Jatropha testing plantation

Guatemala, Peten 45 ha



# 6 Maya indian villages, PV





Panama and Guatemala:

Feasibility for Wind power  
projects (Santa Fe 60 MW,  
Buenos Aires 15 MW)



# NICARAGUA



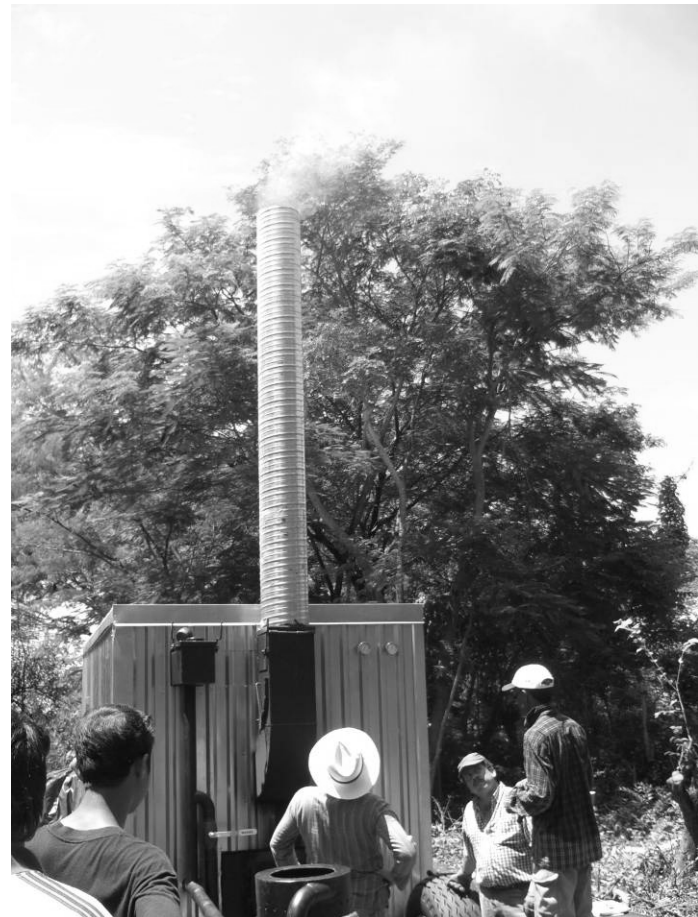
Producción de Generadores Eólicos en Comunidades Rama con BluEnergy, y apoyo a la Pequeña Central Hidroeléctrica “El Bote” en Matagalpa



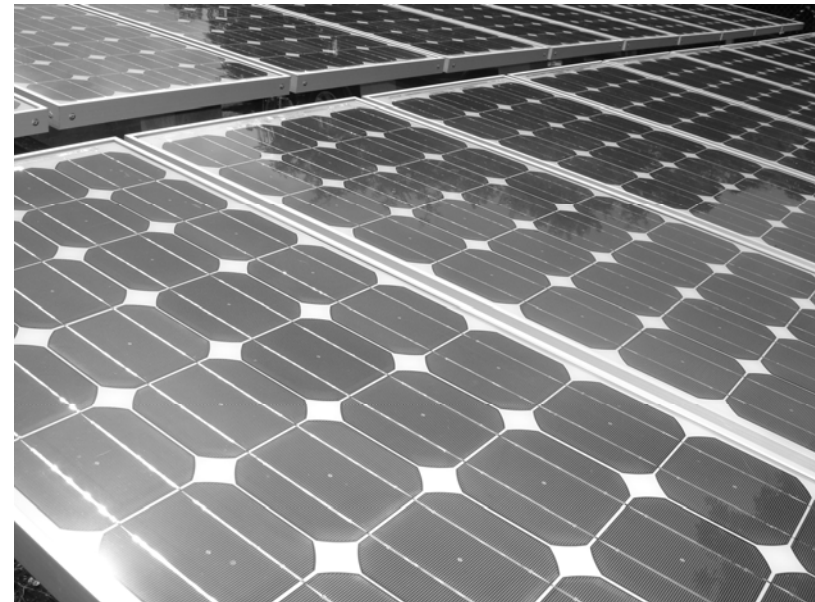


## EL SALVADOR

Horno industrial para  
producción de carbón vegetal



## EL SALVADOR



Proyecto de bombeo de agua potable con energía solar desarrollado con FUTECSA para beneficio de 2 comunidades rurales en Acajutla





**PROJECT RIO BLANCO, HONDURAS (5 MW)**  
**THE FIRST SMALL CDM ACCEPTED IN THE WORLD**



Container  
Laboratorio  
Wärtsilä





# HONDURAS



Eco-stoves in Amarateca

Solar pumping for agriculture





## PANAMA

PV project in Kuna indian  
Community, Kuna Yala







## Kuna indian community participation



# Methan from pigfarm, Panama



# BELIZE

Feasibility study for Sugar industry Cogeneration (BSI)

Feasibility study for Hidro Potential

Hybrid system for Calabash Caye







**EEP**

Energy and  
Environment  
Partnership with  
Central America

# CENTRAL AMERICAN CARBON FINANCE GUIDE

Author: GreenStream Network Oy, BUN-CA

**EEP**  
Environment  
Partnership  
with  
Central America



[www.sgsica.org/](http://www.sgsica.org/)



CCAD



CCAD



Ministry Foreign  
Affairs  
FINLAND

## REGIONAL POLICY ON SUSTAINABLE ENERGY

- Mandate of the Ministers of Environment and Energy
  - Declaration of San Pedro Sula, February 2005 and
  - Declaration of San Salvador, February 2006
  - Declaration of Panama, October 2006
- Strategic plan for the long term development of renewable energies in the region
- Partnership seed money, looking for additional support
- Includes electricity generation, wood use, incentives, biofuels, energy efficiency and other topics



Participation in Expositions and Fairs: Partnership Stands in highly recognized events, as the International Conference Renewables 2004 in Bonn, the World Congress on Renewable Energies in Mexico and other Central American events. Participation in World Sustainable Energy Days en Austria and Forum of Partnerships in Marrakech.



**I Regional Forum, Panamá, 2003**



**II Regional Forum, Financing, Belize, 2003**



**III Regional Forum Biomass,  
Guatemala, 2004**



**IV Forum, Wind energy, Costa Rica, 2004**

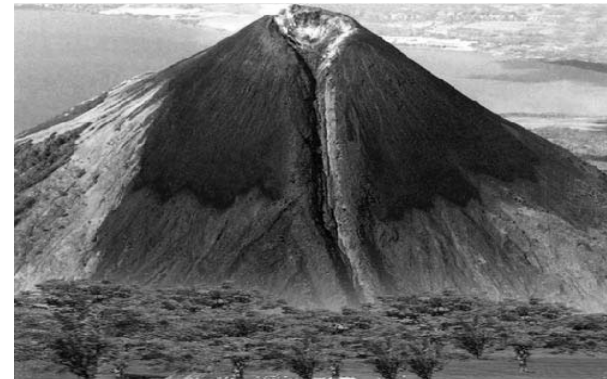
**Regional Forum twice a year**



**V Forum Small hydro power plants (EXPO-ENERGIA), Honduras, 2005**



05/10/2005



**VI FORO REGIONAL**  
*Medio Ambiente y Energía en Armonía*

**Impacto estratégico de la energía geotérmica y otras energías renovables en Centroamérica**

5, 6 y 7 octubre 2005  
 Hotel Crowne Plaza, Managua, Nicaragua



Gobierno de Nicaragua  
 Comisión Nacional de Energía  
 Ministerio del Ambiente y los Recursos Naturales



**VI Geothermal Forum, Nicaragua,  
 October 2005**

Participation: 250 people  
 Inauguration: Presidente Enrique Bolaños  
 Field trip: Momotombo geothermal plant  
 Exhibition: 17 Stands

# Incentives in Renewables and biofuels, El Salvador, 15.-17.2.2006



# VIII FORUM EUROPEAN UNION MEETS LATIN AMERICA ON RENEWABLE ENERGY

Panama, 9-11 of October 2006

CDM

Biofuels

Wind and solar

Hydro and geothermal

CHP and agroindustrial residues

Energy efficiency



# Panama EU-LAC Forum

## 9.-11.10.2006





# Guatemala Forum 2007

## RES project financing



# The Future

- The government of Finland has decided to continue with the program until 2009
- Austria joined the Partnership 2007
- Global REEP MoU



# Future EEP Forums

- \* Forum for Sugar industry and Energy Efficiency, (Caribbean countries), Belize, November 2007
- \* Biomass and RES Policy, Costa Rica, March 2008
- \* Forest biproducts for cogeneration, Honduras, October 2008
- \* Off Grid Rural Electrification Systems, Nicaragua, March 2009
- \* **High Tech Renewables, Partnership's III Phase**

