



A view of the microhydro plant at Villa Escudero Plantations and Resorts, Inc., Philippines, Villa Escudero

While Small Island Developing States (SIDS) produce only a tiny fraction of global greenhouse gas emissions, many, because of their location barely above sea level, are among the most vulnerable to the effects of climate change such as sea level rise and extreme weather conditions.

Compounding their climate change challenge, small island nations struggle with expensive fossil import costs and an inability to supply electricity in rural areas. However, these nations are especially suited to utilize combinations of modern renewable energy technologies and energy efficiency due to the availability of renewable energy resources and current energy consumption patterns.

The Global Sustainable Energy Islands Initiative (GSEII), a consortium of five international NGOs, has been organized to support the interest of all small island states and potential donors by bringing renewable energy and energy efficiency projects, models, and concepts together in a sustainable plan for small island nations. The GSEII seeks to showcase national efforts to significantly reduce greenhouse gas emissions.

## THE GLOBAL SUSTAINABLE ENERGY ISLAND INITIATIVE'S 3-YEAR PLAN HAS THE FOLLOWING GLOBAL, REGIONAL AND ISLAND OBJECTIVES:

### GLOBAL OBJECTIVES

- To develop SIDS as sustainable energy nations
- To establish donor support and private sector investment for this sustainable development
- To increase awareness about experiences, potential, and advantages of renewable energy utilization and energy efficiency on SIDS and other island nations

### REGIONAL AND ISLAND NATION OBJECTIVES

#### THE CARIBBEAN

- To develop St. Lucia into a sustainable energy nation, thereby fulfilling its commitment made at COP 5
- To further develop sustainable energy plans for one or more Caribbean SIDS to be sustainable energy nations
- To develop regional energy efficiency and RE private business activities, including solar thermal, photovoltaics, biomass, and wind turbines
- To establish funding schemes for large-scale dissemination of sustainable energy



Four 60 kW VERGNET wind turbines on Marie Galante Island, Guadeloupe, French West Indies, ADEME



Photovoltaic installation on Marie Galante Island, Guadeloupe, French West Indies, ADEME

#### THE PACIFIC REGION

- To develop wind energy activities on Niue and one or more other island nations as regional door-opener projects
- To develop sustainable energy plans for one or more SIDS to be sustainable energy nations
- To develop regional energy efficiency and RE private business activities, including solar thermal, photovoltaics, biomass, and off-grid wind turbines
- To establish funding schemes for large-scale dissemination of sustainable energy

#### THE INDIAN OCEAN

- To develop a sustainable energy plan for one SIDS to become a sustainable energy nation

## THE GSEII CONSORTIUM

**WINROCK INTERNATIONAL (WI)** is an NGO working with people around the world to increase economic opportunity, sustain natural resources, and protect the environment. WI's Clean Energy Group is a recognized leader in the field of clean energy and operates a multimillion dollar program, including Renewable Energy Project Support Offices in 10 countries. [www.winrock.org](http://www.winrock.org)

**CLIMATE INSTITUTE (CI)** is a nonprofit organization founded in 1986 to serve as a bridge between policymakers and scientists around the world, as well as between developed and developing nations. The Institute promotes cooperative international action to address climate change. [www.climate.org](http://www.climate.org)

**COUNTERPART INTERNATIONAL (CPI)**, set up in 1965 as the Foundation for the Peoples of the South Pacific, is involved in the successful rural energy program in the Pacific Island nation of Kiribati. CPI works with island communities in the areas of capacity building, sustainable energy, climate change, biodiversity, marine resource management, and environmental protection. [www.counterpart.org](http://www.counterpart.org)

**FORUM FOR ENERGY AND DEVELOPMENT (FED)** is a Danish umbrella NGO concerned with the integration of sustainable energy solutions primarily in developing countries. In regard to islands, FED has facilitated studies, conferences, reports, projects, programs, and funding. [www.inforse.org](http://www.inforse.org)

**THE ORGANIZATION OF AMERICAN STATES (OAS)** is the umbrella organization for the nations of the Americas and currently serves as the coordinating institution for the Renewable Energy in the Americas (REIA) initiative, which offers technical, policy and financial assistance for the promotion of sound energy solutions throughout the region. [www.oas.org](http://www.oas.org)

## FOR FURTHER INFORMATION CONTACT:

**CLIMATE INSTITUTE**  
333 1/2 Pennsylvania Ave., SE  
Washington, D.C. 20003 USA  
**Phone:** 1 202 547 0104  
**Fax:** 1 202 547 0111  
**E-mail:** [info@climate.org](mailto:info@climate.org)  
[www.climate.org](http://www.climate.org)

**COUNTERPART INTERNATIONAL**  
1200 18<sup>th</sup> St., NW Suite 1100  
Washington, D.C. 20036 USA  
**Phone:** 1 202 296 9676  
**Fax:** 1 202 296 9679  
**E-mail:** [info@counterpart.org](mailto:info@counterpart.org)  
[www.counterpart.org](http://www.counterpart.org)

**FORUM FOR ENERGY AND DEVELOPMENT**  
Blegdamsvej 4B, 1<sup>st</sup> Floor  
2200 Copenhagen N  
Denmark  
**Phone:** 45 35 24 77 00  
**Fax:** 45 35 24 77 17  
**E-mail:** [inforse@inforse.org](mailto:inforse@inforse.org)  
[www.inforse.org](http://www.inforse.org)

**ORGANIZATION OF AMERICAN STATES**  
17<sup>th</sup> Street and Constitution Ave., NW  
Washington, D.C. 20006 USA  
**Phone:** 1 202 458 6261  
**Fax:** 1 202 458 3560  
**E-mail:** [mlambrides@oas.org](mailto:mlambrides@oas.org)  
[www.oas.org/reia](http://www.oas.org/reia)

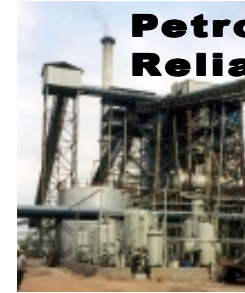
**WINROCK INTERNATIONAL**  
Clean Energy Group  
1621 North Kent St., Suite 1200  
Arlington, VA 22209 USA  
**Phone:** 1 703 525 9430  
**Fax:** 1 703 243 1175  
**E-mail:** [information@winrock.org](mailto:information@winrock.org)  
[www.winrock.org](http://www.winrock.org)

Cover photos courtesy of Winrock International

### Sustainable Development



### Reduced Petroleum Reliance



# THE GLOBAL SUSTAINABLE ENERGY ISLANDS INITIATIVE