

Name of the Partnership/Initiative

Renewable-Energy-Based Rural Electrification (RERE) Initiative

Expected date of initiation: Ongoing

Expected date of completion: Ongoing

Partners Involved:

Governments:

JAPAN

FIJI

Intergovernmental organizations:

Major groups:

Pacific International Center for High Technology Research (PICHTR)

Others:

Private sectors

Leading Partner: PICHTR

Pacific International Center for High Technology Research (PICHTR)

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Main objectives of the Partnership/Initiative

Please provide a brief description:

The main objectives of this initiative are to:

Promote and develop renewable energy technology appropriate to the marine and tropical environment of the Asia-Pacific region (e.g. hybrid power systems, solar home systems for remote villages)

Assist, facilitate and support its application through technical services, education, and training for the sustainable development of the region.

Please also provide a brief description of the relationship of the Partnership/Initiative with the objectives of Agenda 21 as well as relevant goals and objectives of the United Nation Millennium Declaration:

In accordance with Chapter 34 of Agenda 21, this initiative will promote:

Facilitation of public and private partnerships that conserve and utilize the natural resources of the Asia-Pacific region as well as developing countries in other regions;

Advancement of sustainable development by providing expertise and training on advanced renewable energy and related technologies;

Expected results:

Please provide a brief description:

The renewable-energy-based technologies under this initiative will result in improved quality of life and economic development of Pacific Island nations with minimal environmental impact.

Specific target of the Partnership/Initiative and timeframe for their achievement:

- Installation of solar-home-systems (SHS) in remote out-of-grid villages in Fiji (The Fiji Department of Energy has identified approximately 40,000 households that can not be connected to the main power grid. The goal of this initiative is to reach one-half of those households or 20,000 installations.)
- Development of sustainable maintenance and management of the above systems
- Installation of additional hybrid systems in Fiji
- Promotion of renewable-energy-based electrification in other Pacific Island nations

Coordination and Implementation mechanism

Please provide a brief description of expected coordination/implementation mechanism of the Partnership/Initiative.

The program will be coordinated and implemented by PICHTR with support from collaborating partners including business and industry.

Arrangements for funding

Please describe available and/or expected sources of funding for the implementation of the Partnership/Initiative (e.g. donor government(s); international organization(s)/ financial institution(s); foundation(s); private sector; other major groups, etc.)

The Governments of Japan is expected to provide the funding. The Government of Fiji bears a part of the project cost. Other possible financial resources in both public and private sectors will also be utilized for this initiative.

Arrangements for capacity building and technology transfer

Please include information if the Partnership/Initiative provides for training, informational support, institutional strengthening and/or other capacity building measures:

The initiative will provide training programs regarding proper management and maintenance of RERE system for technicians and engineers in Fiji and other Pacific Island nations.

Please also provide here a brief description of expected arrangements for technology transfer (if applicable).

In addition to the above mentioned training programs, yearly field trips and frequent telephone/internet communication will be arranged for technology transfer to Fiji.

Links of Partnership/Initiative with on-going sustainable development activities at the international and/or regional level (if any)

Please provide a brief description:

PICHTR has been involved with APEC and the Mayors Asia-Pacific Environment Summit in support of regional sustainable development activities.

PICHTR will be organizing an international conference for the OECD and APEC in Honolulu, Hawaii during January 2003 relating to "Policy Frameworks for the Digital Economy" and in support of activities leading up to the World Summit on Information Technology.

Monitoring Arrangements

Please describe expected arrangements for monitoring of progress in the implementation of Partnerships/Initiative after it will be launched at the WSSD:

(e.g. frequency/modalities of preparation of progress reports; electronic updates, news-letters, etc)

Project status report will be issued every six months to the board of directors of PICHTR.

Other relevant information:

Web-site(if available): <http://www.pichtr.org>

Name and contact information of the person filling in this table:

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