

Energy partnerships from official WSSD documentation

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Global Technology Transfer and Knowledge Management Partnership

Leading Partner: UNEP-GEF Technology Transfer Network

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Dates: January 2002 – open ended

Links:

Summary: This partnership, which builds upon the knowledge management networks of the UNEP-GEF Technology Transfer Networks (SANet), promotes access to technology and knowledge by facilitating information exchange, finance and investment in sustainable products and services in the energy, agriculture, textile, water, waste, and forestry sectors. To foster increased transfer of sustainable technologies, the partners provide: an inventory of replicable technology transfer case studies; a directory of experts; a directory of innovative national regulations and policies; and a directory of planning and distance learning tools.

Niger Delta Fund Initiative

Leading Partner: Earth Rights Institute (Nigeria/US)

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Dates: February 2003 - February 2004

Links: Capacity building; finance

Summary: The proposed project will work with NGOs and government officials to form and implement the Niger Delta Fund, a transparent legal mechanism through which oil royalties will be distributed directly to local people as dividend checks and made available as low interest revolving loan funds for sustainable development. At present, oil royalties are not being distributed to the area's residents due to corruption and issues related to government capacity. The Niger Delta Fund is modeled on the Alaska Permanent Fund. The project also aims to assist in the design of a sustainable development plan for the Niger Delta.

Energy

Asia CDM Capacity Building Initiative

Leading Partner: Japan

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Dates: September 2002 - 2005

Links:

Summary: This project aims to promote Clean Development Mechanism (CDM) projects in developing countries in Asia through institutional streamlining, dissemination of knowledge and expertise, national strategies, support by the industrial sector, and the use of Japanese experience and tools in international cooperation and energy policy.

Business alliance for solar water heaters (BASWH)

Leading Partner: Jacques Giordano Industries

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E-mail: marketing.giordano@tiscali.fr

Dates: 1 September 2002 onwards

Links: Poverty eradication; health; natural resource management; capacity-building;
technology transfer

Summary: This initiative aims at encouraging the production, dissemination and use of solar water heaters and solar water heating technology in developing countries. The Initiative will also contribute to the achievement of the Millennium Development Goals, such as poverty reduction by creation of jobs and income, improvement of health by increasing the availability of hot water for sanitary needs, and natural resource management by the replacing fossil fuels and reducing Green House Gas emissions and local air pollution.

The Initiative aims to achieve the exchange of information on production and installation practices adapted to developing countries, financial and organisational models, training material and public programmes and policies for the dissemination of solar water heating. Capacity-building and transfer of technology through these exchanges of information are the principal activities of the Initiative.

Collaborative Labeling and Appliance Standards Program (CLASP)

Leading Partner: CLASP Secretariat

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Dates: August 2002 – December 2010

Links:

Summary: The overall development objective of CLASP is to transform the manufacture and sale of appliances, equipment and lighting worldwide by the cost-effective adoption and application of energy efficiency standards and labels in developing countries. The project will build institutional capacity for developing, maintaining and upgrading efficiency standards and labels by providing direct technical assistance in at least 35 developing countries. It will also create a network of collaborators around the world. CLASP is targeting a five percent reduction in residential and commercial energy use.

Energy and Environment Partnership with Central America

Leading Partner: Finland

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Dates: September 2002 – December 2005 (initial phase)

Links:

Summary: This partnership seeks to promote the use of renewable energy sources and clean technologies in Central America and to make energy services more accessible to the poor, particularly those living in rural areas. The goal to increase use of renewable energy in the national and local energy mix, introduce new energy and environmental technologies, realize CDM potential, improve energy sector management, and better energy services to the poor. Activities will include small-scale demonstration projects; energy resource surveys; pre-feasibility and feasibility assessments; cooperation related to climate change; energy market development; training; and development of financing models and funding sources.

Energy for Poverty Eradication and Sustainable Development

Leading Partner: EU

Contact Person: Mr. Antonio Garcia-Fragio, European Commission, Directorate General for Development

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E-mail: DEV-EU-ENERGY-INITIATIVE@cec.eu.int

Dates: 1 September 2002 – open ended

Links:

Summary: Through this initiative, the EU proposes to establish "Energy Access Partnerships" with developing countries that will identify and help meet their energy needs. The aim is to enable the EU and its developing country partners to work together to increase access to energy services, particularly for poor women and men, based on their specific circumstances and needs, and to ensure that existing energy activities and other interventions are well coordinated and coherent. Gender issues will be mainstreamed in all aspects of the initiative. Ideally it will result in increased awareness among decision-makers of the importance of energy services for achieving the MDGs and for development strategies; improved coherence/coordination of energy-related activities; and new resources from the private sector and civil society.

Global Network on Energy for Sustainable Development (GNESD)

Leading Partner: UNEP

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Dates: January 1, 2003 – 31 December 2006

Links:

Summary: The objective of the Network will be to make it easier for partners to contribute to the provision of the environmentally sound energy services underpinning sustainable development. It will do so by supporting amongst its partners information exchange, learning, analysis and study, policy support, and capacity building. It will result in a North-and-South network of energy, development and environment institutions whose members can: cooperate on a range of energy for SD topics; improve their ability to acquire and apply knowledge and experience; access quality advisory services; and improve their understanding of the links between sustainable energy and other development and environment priorities as well as technology and policy options. It will ideally result in changes in government policies and programmes to favor energy for sustainable development approaches.

Global Partnership Toward Cleaner Fuels

Leading Partner: International Fuel Quality Center (Brussels)

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Dates: 26 August 2002 - 31 December 2005

Links: Capacity-building

Summary: This partnership aims to assist developing countries in improving fuel quality, including the elimination of lead from gasoline, by building capacity, improving availability and accessibility of technical information, and setting up a

network of experts to advise on a number of topics, including refinery reformulation, technical progress in the vehicle and fuel sectors, costs and means of financing, raising vehicular standards, and encouraging more effective inspection and maintenance programmes.

Global Village Energy Partnership (GVEP)

Leading Partner: UNDP

Contact Person: Ms. Susan McDade

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Dates: August 2002 - August 2012

Links: Capacity-building; information for decision-making; poverty reduction

Summary: GVEP is a 10-year program to reduce poverty and promote sustainable

development through provision of modern energy services to the un-served and underserved. Renewable energy, energy efficiency, liquefied petroleum gases, modern biomass, and expanded use of distributed energy options can meet the range of unmet energy service needs (lighting, mechanical power, heating and cooking) in an environmentally sound and cost-effective manner. The program will address links between access to energy services and poverty reduction; build capacity to support expanded generation and delivery of energy services; catalyze country commitments to village power projects and programmes; facilitate private sector and civil society participation/investment in new energy service delivery mechanisms; and facilitate the exchange of information, best practices, and lessons learned. It will offer the following services: action plans to provide the implementation vehicle for energy related activities set out in NSDS, PRSPs and other strategies; capacity building for policy formulation, entrepreneurial development, and consumer organization; development of enterprises to deliver energy services in rural markets; mechanisms to link consumers and suppliers to credit; project development; knowledge management; and results and impact monitoring and evaluation.

Indicators for Sustainable Energy Development

Leading Partner: International Atomic Energy Agency

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Dates: May 2002 - June 2005

Links: Information for decision-making; science and technology

Summary: This initiative will fill the need for comprehensive set of energy indicators to assess progress towards a sustainable energy future; assist

countries in energy and statistical capacity building; and supplement the general indicators effort being undertaken by UN CSD. In its first phase, the project will define a conceptual framework that incorporates and identifies specific indicators for sustainable energy development. In its second phase, it will demonstrate the practical applicability and utility of the ISED system as a policy tool in a variety of analytical cases.

Indonesia French Public and Private Partnership to Develop Mini-Hydro Power in Rural/Remote Areas on a Sustainable Basis

Leading Partner: CORNET

Contact Person: Dr. Luluk Sumiarso, Director General of Electricity and Energy Utilization, Ministry of Energy and Mineral Resources, Indonesia

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Dates: 2002 - 2007

Links:

Summary: This project aims to create a comprehensive institutional, regulatory, contractual and financial framework to develop and test mini-hydro power plants, financed on a PPP basis, to be gradually scaled up to a full program. Preliminary studies have identified significant potential for small hydro electric plants throughout the islands of Indonesia. The short-term objective is to undertake one test case in 2003.

International Center for Carbon Sequestration and Biomass Energy (ICCS)

Leading Partner: Pro-Natura International

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Dates: April 2002-December 2004

Links:

Summary: This initiative aims to provide and share information on carbon sequestration and biomass energy at the international level by instituting a platform where interested parties can find information on R&D, scientific and technical questions, pilot projects, best practices, and financial and economic aspects, including risk assessment. The key mechanism will be the creation of a website, financing of pilot activities, provision of advisory services, identification of best practices, and establishment of regional centers for technology transfer.

The LPG Challenge

Leading Partner: UNDP

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Dates: October 2002 – October 2004

Links:

Summary: This partnership addresses concrete market and technical barriers to meeting the thermal energy needs (heating, cooking, and heat-using productive processes) of rural and peri-urban populations in developing countries through expanded use of a clean-burning, readily-available fuel: liquefied petroleum gas (LLG). It will bring LPG to rural populations by linking UNDP's knowledge and experience in rural development and community consultation together with industry suppliers of LPG and the appliances required for its use. Using a public-private partnerships, the initiative will address two critical issues: affordability and availability. Pilot projects in at least 10 countries will be undertaken, beginning in late 2002.

Market Facilitation Partnership for Concentrating Solar Power Technologies

Leading Partner: UNEP-GEF Technology Transfer Networks

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Dates: 20 June 2002- open-ended

Links:

Summary: This partnership was founded during the "International Executive Conference on Expanding the Market for Concentrating Solar Power (CSP)" in June 2002 in Berlin. Participants will work together to develop and expand the global CSP market for the benefit of all involved partners and in support of broader environment and development objective. Next steps include the formulation of working groups comprised of solar system suppliers, IPP developers, potential project owners, the financial community and governments; the formulation of an integrated long-term market introduction strategy, including innovative financing schemes; joint efforts to promote CSP with existing institutions; and a launch of a CSP Global Market Initiative in spring 2003.

Modern biomass technology for rural energy needs

Leading Partner: CIRAD

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Dates: 1 January 2003 - 1 January 2008

Links: Agriculture, poverty eradication, natural resource management

Summary: This initiative aims at establishing a specific technological and institutional model for meeting the needs for modern energy services in rural areas, using locally available renewable biomass resources, and through South-South technology cooperation. The Initiative will also contribute to the achievement of the Millennium Development Goals, such as poverty reduction by creation of jobs and incomes, and natural resource management by forestry management.

Promotion of Renewable Energy in the Mediterranean Region

Leading Partner: Italy

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Dates: June 2002 - 2010

Links:

Summary: This initiative aims to develop a vibrant, sustainable renewable energy market system in the greater Mediterranean region, removing project, policy and trade barriers, and strengthening the market system, thereby contributing to poverty alleviation through the provision of modern energy services to rural populations and to climate change mitigation. It will link capacities and markets between developed and developing countries in the region and beyond through three main sub-projects: tailoring financial instruments and mechanisms to support projects; strengthening policy frameworks; and building a stronger private sector infrastructure.

African Energy Legacy Project

Leading Partner: Eskom

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Dates: 2003 - 2010

Links:

Summary: This initiative aims to develop a continental energy transmission grid that will enable the transfer of power throughout the Africa. It will do so by completing the interconnectors between the various countries and their respective utilities so that Africa has one interconnected transmission grid. This effort will allow undersupplied countries, or countries supplied primarily by hydro-electricity and therefore subject to fluctuations in supply during drought cycles, to

have immediate access to a pool of electricity when required and to contribute to such a pool when water levels are high. This would help to create an uninterrupted power supply throughout Africa, which will aid in its economic and social development, and improve capacity for regional and sub-continental energy trading.

AREA: Alliance for Rural Energy in Africa

Leading Partner: World Business Council for Sustainable Development

Contact Person: EDF/ACCESS

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Dates: 1 January 2003 - ongoing

Links:

Summary: The objective of this initiative is to pool the resources of the partner organizations to develop models to meet the need for modern energy services in rural areas of Africa. It will raise awareness of private and public actors of the importance of adequate energy services for sustainable development. Activities will include an electronic quarterly newsletter; conferences on specific aspects of African rural energy; development of national and regional action plans; development of training modules; identification of opportunities to create rural energy service businesses and organizations; and technology transfer.

Improving the provision of sustainable energy services for Small Island Developing States

Leading Partner: UNDP

Dates: December 2002 – December 2012

Links: Capacity-building, technology transfer

Summary: The overall goal of this initiative is to increase provision of sustainable energy services for SIDS over a ten-year period, in order to reduce the outflows of foreign exchange and to protect the environment, in keeping with the Millennium Development Goals. The specific expected results for this initiative include: Reduced dependence by SIDS on imported energy sources, in particular fossil fuels; Increased availability of reliable cost effective and sustainable energy supplies; Increased development of adequate human and institutional capacity to plan and manage the energy sector in SIDS; Realization of cost savings in the medium- to long-term (5-10 years), from investments made in environmentally safe technologies resulting in more efficient use of national resources for social and economic development; Inter-regional cooperation and collaboration among SIDS, building on experiences, expertise and indigenous know-how; and Increased focus on the reduction of greenhouse gas emissions as established in National Communications on Climate Change, submitted by the majority of SIDS, as obligations under the UNFCC.

Productive Use of Clean Energy for Sustainable Development of Small Island Developing States (SIDS)

Leading Partner: UNIDO

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E-mail: unido@un.org

Dates: May 2002 -

Links: Capacity-building, technology transfer

Summary: Achieve energy self-sufficiency and to increase the use of available energy for productive activities in Small Island Developing States (SIDS). To achieve these targets, a three-phase programme is considered: Analyze demand and supply side energy data, consider development targets and identify needs, formulate policies and strategies; develop projects to submit to donors; and implement demonstration projects. The main expected result for this initiative is to implement programs in Small Island Developing States and help them achieve energy self-sufficiency, as well as increase the use of available energy for productive activities.

Sustainable Energy for Sustainable Development in the Caribbean

Leading Partner:

Contact Person: Mr. Byron Blake, CARICOM Secretariat

Dates: January 2003 – December 2010

Links: Capacity-building, technology transfer

Summary: The initiative aims to achieve the following objectives: accelerate the transfer and adoption of cleaner and renewable energy technologies; implementing pilot energy efficiency projects to help influence energy; increased availability of adequate, affordable and environmentally sound energy for the sustainable development of the Caribbean islands; and build capacity for the training of energy sector professionals who will provide the technical guidance to help the region transition to sustainable energy. The region therefore seeks partnership for sustainable energy development that would reduce dependence on petroleum and demonstrate the viability of renewable energy to meet development needs. Expected results include: establishment of a Sustainable Energy Investment Fund; new energy policies that promote efficiency in generation and use of energy, and incentives for the development of renewable energy resources; reduced dependence on petroleum; transfer of technology that increases the efficiency at which the region uses petroleum and electricity; establishment of a virtual renewable energy demonstration centre, based on an actual project in SIDS, as part of capacity building activities; and development of a network of professionals, companies and businesses to provide national leadership for sustainable energy.