

J.Enhancing energy security and improving access to energy services through development of public-private renewable energy partnerships

ESCAP, jointly with the ECLAC, the ECA, the ECE, and the Economic and Social Commission for Western Asia, and in collaboration with the DESA (\$1,006,500)

Background

51. The recent global energy and food crisis has exacerbated challenges to sustainable development and highlighted the importance of addressing energy security and access to energy services, particularly in rural areas. Even since before the crisis, more than 2.4 billion people around the world have had little access to energy services and primarily rely on traditional biomass to meet basic energy needs. It is recognized that alternative sources of energy, particularly new and renewable sources, i.e., solar, wind, biomass, and small hydro, present important options for sustainable development through harnessing of locally available resources, diversifying energy sources and providing important investment and employment opportunities. It can also contribute to the mitigation of air pollution, the improvement of public health and the reduction in greenhouse gas emissions.
52. In view of the above, the World Summit on Sustainable Development adopted the Johannesburg Plan of Implementation with a strong emphasis on renewable energy. The General Assembly further reviewed this issue in 2008, and in resolution 62/197 on promotion of new and renewable sources of energy it welcomed initiatives that aim to improve access to reliable, affordable, economically viable, socially acceptable and environmentally sound energy services for sustainable development, in order to contribute to the achievement of the internationally agreed development goals, including the Millennium Development Goals. In the same resolution, the General Assembly encouraged the United Nations system to continue to raise awareness of the importance of energy for sustainable development, including the need for the promotion of new and renewable sources of energy.
53. In many countries, provision of energy services is often constrained by poor energy infrastructure owing to limited resources from Governments and the international community. Engaging the private sector in providing energy services in rural areas through public-private partnerships is seen as a viable strategic option. Successful public-private partnerships initiatives in rural areas require government agencies to work closely with community-based businesses and entrepreneurs in all stages of project development and operation. This approach enhances government's capacity to develop integrated and innovative solutions to benefit from private sector capital, technical skills and operational experiences. It also promotes private sector active participation in providing energy services, expanding rural energy markets and sharing business risks.
54. The project seeks to build capacity of Governments and other stakeholders on public-private partnerships for promoting renewable energy services in rural areas. Different modalities of public-private partnerships and their merits and prospects of success will be examined and demonstrated in different regions/areas based on economic and social conditions. The project will focus on countries with special needs taking into account lessons learned and experiences from different regions. Through high-level regional and subregional forums and networking, policy options, good practices and lessons learned in terms of scaling up and replicating successful public-private partnerships models will be shared among all participating countries.

55. This project will draw from the experience of ESCAP in implementing the flagship project on “Providing basic services to the poor through public-private partnerships: ESCAP follow-up to the World Summit on Sustainable Development”. ESCAP will collaborate with the DESA and the other regional commissions (ECA, ECE, ECLAC and ESCWA) to implement project activities so that regional experiences and good practices on public-private partnerships for enhanced energy access can be gathered and shared. The project will also engage institutions and centres of excellence in each region to actively participate in organizing capacity-building activities, establishing networks, and undertaking dissemination and outreach activities. Upon completion of the project, this network of organizations is expected to provide assistance to Governments in undertaking further capacity-building activities based on the project training materials and in scaling up successful public-private partnerships initiatives. Furthermore, the project is expected to demonstrate to the stakeholders, especially the private sector, the benefits and merits of public-private partnerships in improving access to energy services in rural areas.

<p>Objective of the Organization: To build capacity of policymakers, civil society and the private sector for engaging public-private partnerships to enhance energy security and improve access to energy services.</p>	<p>Summary budget (Thousands of United States dollars)</p> <table border="0"> <tr> <td>General temporary assistance</td> <td style="text-align: right;">72.0</td> </tr> <tr> <td>Consultants</td> <td style="text-align: right;">176.0</td> </tr> <tr> <td>Travel</td> <td style="text-align: right;">75.0</td> </tr> <tr> <td>Contractual services</td> <td style="text-align: right;">215.5</td> </tr> <tr> <td>Operating expenses</td> <td style="text-align: right;">26.0</td> </tr> <tr> <td>Study tours</td> <td style="text-align: right;">100.0</td> </tr> <tr> <td>Grants</td> <td style="text-align: right;">252.0</td> </tr> <tr> <td>Workshops</td> <td style="text-align: right;"><u>90.0</u></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">1 006.5</td> </tr> </table>	General temporary assistance	72.0	Consultants	176.0	Travel	75.0	Contractual services	215.5	Operating expenses	26.0	Study tours	100.0	Grants	252.0	Workshops	<u>90.0</u>	Total	1 006.5
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<p>Relationship to the strategic framework for the period 2010-2011 and the Millennium Development Goals: ESCAP subprogrammes 4 (Environment and development) and 1 (Macroeconomic policy and inclusive development); ESCWA subprogramme 1 (Integrated management of natural resources for sustainable development); ECLAC subprogramme 9 (Natural resources and infrastructure); ECA subprogramme 5 (Economic cooperation and regional integration); ECE subprogramme 5 (Sustainable energy); DESA subprogramme 4 (Sustainable development); Millennium Development Goals 1, 7 and 8.</p>																			

Expected accomplishments of the Secretariat	Indicators of achievement
(a) Enhanced capacity of target groups to develop effective policies and programmes to scale up the use of renewable energy for integrated rural development and create an enabling environment to deploy public-private partnerships in enhancing energy security and widening access to renewable energy services in rural areas of developing countries	(a) At least 80 per cent of the policymakers, decision makers, civil society and the private sector who have participated in project workshops/capacity-building activities would demonstrate that they have acquired knowledge and capacity about public-private partnerships and their application to enhancing energy security and widening access to energy services in rural areas
(b) Development and application of policy measures with regard to establishing public-private partnerships for better access to energy services through collaboration among existing regional and subregional institutions and centres of excellence	(b) Increased number of public-private partnerships initiatives promoting the use of renewable energy resources with focus on integrated rural development planning and implementation
(c) Increased use of locally available renewable energy resources, such as biomass, small hydro, solar and wind, through the	(c) Increased regional and subregional institutions and centres of excellence networking and participating in project

development and implementation of demonstration projects and initiatives on public-private partnerships

implementation, including the collaborative demonstration projects and capacity-building. Those institutions will integrate renewable energy projects with the involvement of public-private partnerships into their regular programme

Main activities

56. The main activities of the project will include:

- (a) Conducting a regional assessment of policy options, good practices and business models for public-private partnerships on the provision of renewable energy services in rural areas, including detailed descriptions of market segmentation, the impact on men and women, financial and institutional arrangements for project design and management, and the roles and responsibilities of different stakeholders;
- (b) Regional capacity-building through training, seminars and study tours for policymakers and decision makers as advocates of partnership models; development of guidelines and training materials, including training modules on an enabling environment for establishing public-private partnerships and on the criteria for selection of appropriate partnership models that are responsive to specific development needs, as well as their affordability in different client communities;
- (c) Developing demonstration projects, in consultation with host countries, partner institutions, the private sector and the country teams to ensure synergies with other related initiatives;
- (d) Organizing regional and subregional forums to share experiences, lessons learned and best practices on public-private partnerships approaches and to initiate an effective network among relevant institutions, universities and centres for sharing information and sustaining capacity-building activities.

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Implementing entities: ESCAP with ECLAC, ECE, ECA, and ESCWA, and in collaboration with DESA		Duration: 2011 – 2014
Objective: To build capacity of policymakers, civil society and the private sector for engaging PPP to enhance energy security and improve access to energy services.		
Summary budget (Thousands of United States dollars)	Detailed budget (US dollars)	
GTA 72.0	General Temporary Assistance Temporary assistance to perform the tasks of implementation and coordination, in support of activities (a) and (e) (24 work months x \$3000 per work month)	72 000
Consultants 176.0	Consultants	
Travel 75.0	<u>International consultants</u>	
Contractual services 215.5	International consultants for the task(s) of policy studies and analysis of different models, development of guidelines and training as well as evaluation (in support of activities (a), (b), (c), (d) and (e)). (9 work months x \$5,000 per month) and (\$30,000 for consultant(s) travel)	75 000
Operating expenses 26.0	External evaluation (2.5 work months x \$6,000 per month) and (\$6,000 for consultant(s) travel)	21 000
Study Tours 100.0	<u>National / Regional consultants</u>	
Grants 252.0	National consultants for task(s) of country level coordination on policy studies, market segmentation analysis and training (in support of activities (a), (b), (c), (d) and (e)). (32 work months x \$2,500 per month)	80 000
Workshops 90.0	Travel	
Total 1,006.5	(25 missions) by UN staff for the purpose of coordination, promotion and networking and meeting servicing (in support of activities (a), (c), (b), (d) and (e)). (\$3,000 per mission x 25 missions)	75 000
	Contractual services	
	8-10 national teams to be established (in support of activities of (a), (b), (c) and (d)); LOA with national counterparts	140 000
	Translation of the guidelines to national languages and other documents translation	40 000
	Contractual Services in support of all activities (\$35,500)	35 500
	Operating expenses	
	Communications (in support of activities (a) to (e)).	13 000
	Supplies (in support of activities (a) to (e)).	13 000
	Study Tours	
	Study tours for the purpose of regional best practices and technology cooperation (in support of	100 000

	activity (b)). (\$25,000 per study tour x 4 study tours)	
	<p>Grants</p> <p><u>Collaborative Demonstration Projects:</u> Identify, develop and implement from 4 to 5 collaborative demonstration projects (such as solar, wind and biomass or hybrid) in support of activity (c). demonstration projects</p>	252 000
	<p>Seminars and Workshops</p> <p>(10 workshops) in 6-8 countries (in support of activity (b)) (\$300 per participant x 20 participants x 10 workshops)</p>	60 000
	<p>(10 working group meetings) in the country in support of activity (b) (\$300 per participant x 10 participants x 10 meetings)</p>	30 000