



**PROJECT PREPARATION GRANT (PPG)**

**PROJECT TYPE: Full-sized Project**

**TYPE OF TRUST FUND: GEF Trust Fund**

**Submission date: 04/05/2012**

**GEF PROJECT ID: 4745**

**GEF AGENCY PROJECT ID: 4726**

**COUNTRY(IES): Sudan**

**PROJECT TITLE: Promoting Utility-Scale Power Generation From Wind Energy**

**GEF AGENCY(IES): UNDP, (select), (select)**

**GEF FOCAL AREA(S): Climate Change**

**A. PROJECT PREPARATION TIMEFRAME**

Start date of PPG	06/01/2012
Completion date of PPG	05/31/2013

**B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)**

Describe the PPG activities and justifications:  
 During the project preparation phase (PPP), a full-sized project document (PD) will be developed based on the approved PIF. The PD will be presented to the project stakeholders, who will be identified during the PPP, in order to ensure broad based in-country project ownership, and it will form the basis for finalising all necessary co-financing commitments. For the development of the PD, it is necessary to conduct a more detailed analysis of institutional and regulatory barriers, options and methodologies for long-term low-carbon policy and strategy analysis, capacity building needs, potential cost-effective financial instruments to promote wind energy, and better estimates of CO2 emission reductions. The project preparatory activities are also foreseen to include a preparatory workshop to analyze and discuss the main elements of the project documentation (barriers, outcomes, outputs, etc.) with the stakeholders.

List of Proposed Project Preparation Activities	Output of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
Calculating project CO2 emission reductions	The grid emission factor for Sudan will be updated using electricity generation statistics up to 2011. This will allow the global environmental benefit associated with CO2 emission reduction from wind power generation to be calculated with better accuracy.	GEF TF	10,000	8,000	18,000
Assessment of capacity building and institutional	Capacity needs gap assessment of government, private	GEF TF	20,000	34,000	54,000

strengthening needs	sector and other key stakeholders in order to strengthen the wind technology support and delivery system. The aim will be to enhance the value-chain comprising siting, design, installation, operation and maintenance of wind farms, as well as the technical ability to develop proposals to attract private financing, as well as leveraging novel funding mechanisms under the international architecture for climate change mitigation				
Stakeholder and project mapping exercise	The key project stakeholders will be identified and their roles in the project will be defined through a multi-stakeholder process. This process will also allow the identification of any ongoing projects and projects under formulation that can have synergies with the proposed project. This process will allow: (i) the stakeholder/institutional needs to be better assessed (see previous activity); and (ii) better identification of co-financing for the proposed project. This activity will also avoid duplication of activities and hence increase the efficiency and cost effectiveness	GEF TF	15,000	35,000	50,000

	of the proposed project				
Assessment of policy, institutional, governance and environmental finance inter-linkages for renewable energies, including wind energy	Mapping of institutional remits and mandates in all tiers of government relating to renewable energy governance, including policy planning and cross-sectoral energy analysis with a view to identifying opportunities/barriers for long-term dynamic integrated energy policy planning. This activity will also carry out a detailed assessment of energy policy planning tools in Sudan. The best nationally appropriate institutional framework(s) for facilitating the market development of wind energy will be outlined	GEF TF	20,000	38,000	58,000
Conduct of Logical Framework Analysis (LFA) workshop	Project Planning Matrix (defined project goal, objective, outcomes, outputs and activities, including success indicators, as well as delineation of responsibilities among the stakeholders)	GEF TF	15,000	10,000	25,000
Detailed design of project components & activities, including write-up of PD and CEO Endorsement Request document	Completed studies/evaluations for use in the design of specific project activities; detailed socio-economic benefits of project including "green" job creation; linkages with Regional Migrating Soaring Birds project; project activities sequencing and budgeting; risks and	GEF TF	10,000	36,000	46,000

	mitigation measures finalised; Monitoring & Evaluation framework in place				
Coordination mechanisms and other institutional work	Agreements with project partners (e.g. implementing institutions, project partners and co-financers); letters of co-financing	GEF TF	10,000	35,000	45,000
		(select)			0
		(select)			0
		(select)			0
		(select)			0
		(select)			0
<b>Total Project Preparation Financing</b>			<b>100,000</b>	<b>196,000</b>	<b>296,000</b>

**C. FINANCING PLAN SUMMARY FOR PROJECT PREPARATION GRANT: (\$)**

	<b>Project Preparation</b>	<b>Agency Fee</b>
Grant Amount	100,000	10,000
Co-financing	196,000	
<b>Total</b>	<b>296,000</b>	<b>10,000</b>

**D. PPG AMOUNT REQUESTED BY AGENCY(IES), FOCAL AREA(S) AND COUNTRY(IES)<sup>1</sup>**

Trust Fund	GEF Agency	Focal Area	Country Name/ Global	(in \$)		
				PPG (a)	Agency Fee (b)	Total c = a + b
GEF TF	UNDP	Climate Change	Sudan	100,000	10,000	110,000
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
<b>Total PPG Amount</b>				<b>100,000</b>	<b>10,000</b>	<b>110,000</b>

<sup>1</sup> No need to provide information for this table if it is a single focal area, single country and single GEF Agency project.


**E. PPG BUDGET**

Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount (\$)	Co-financing (\$)	Total(\$)
Local consultants *	32.00	48,000	70,000	118,000
International consultants*	12.00	36,000	25,000	61,000
Travel		12,000	8,000	20,000
Miscellaneous (e.g. workshop organisation, office facilities)		4,000	28,000	32,000
Baseline survey and studies			65,000	65,000
				0
<b>Total PPG Budget</b>		100,000	196,000	296,000

\* Annex A for Consultant cost details should be prepared first before completing this table. See notes on Annex A for the required detailed information. This table is the sum of all local and international consultants presented in Annex A.

#### F. GEF AGENCY(IES) CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the GEF LDCF/SCCF/NPIF Trust Fund criteria for project identification and preparation.

Agency Coordinator, Agency Name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	Email Address
Yannick Glemarec UNDP/GEF Executive Coordinator		04/05/2012	Robert Kelly Regional Technical Advisor Climate Change Mitigation	+263 4884 580	<a href="mailto:robert.kelly@undp.org">robert.kelly@undp.org</a>

**Annex A**

**Consultants Financed by the Project Preparation Grant (PPG)**

<b>Type of Consultant</b>	<b>Position / Titles</b>	<b>\$/ Person Week<sup>1</sup></b>	<b>Estimated PWs<sup>2</sup></b>	<b>Tasks to be Performed</b>
International	Policy And Institutional Mapping Analyst	3000	12.00	Review of: (1) energy policy framework; (2) institutional framework to promote renewable energy; (3) institutional capacity gaps and needs analysis; (4) stocktaking of projects related to proposed wind farm in Sudan; Consultant will also write up the PD, including LFA; carry out inception workshop for PD
Local	Renewable Energy Specialist	1500	16.00	Updating grid emission factor; calculation of CO2 emission reduction; incremental cost of CO2 abatement (US\$/tCO2)
Local	Socio-Economic Analyst	1500	16.00	Review and quantification (where applicable) of the socio-economic benefits of wind farms
(Select)				
(Select)				
(Select)				
(Select)				
(Select)				

<sup>1</sup> Provide dollar amount per person week.

<sup>2</sup> Provide person weeks needed to carry out the task