

NS-244 - Efficient Biomass Stove Development, Dissemination and Commercialisation

Zimbabwe

NAMA Seeking Support for Preparation

A Overview

A.1 Party

A.2 Title of Mitigation Action

Efficient Biomass Stove Development, Dissemination and Commercialisation

A.3 Description of mitigation action

According to the Energy Policy of Zimbabwe (2012), wood fuel provides the bulk of total energy supply and most rural areas are facing fuel wood shortages. It is estimated that more than 6 million tonnes of wood fuel are consumed annually when the sustainable output of natural forests is 4.6 million tonnes translating to a loss of 330 000 hectares of forest area or over 60 million trees per year. Over-exploitation of wood resources has resulted in destruction of carbon sinks, severe land degradation, soil erosion and siltation of rivers and dams. To reduce loss of wood the Ministry of Energy and Power Development will implement the programme. Collaborations with other government departments, institutions, non-governmental organisations and civic society organisations will be sought. The programme aims at:

- Reducing loss of woodlands which are carbon sinks that help to capture carbon;
- Creating awareness of advantages of use of efficient cook stoves as compared to open fire places;
- Training of local artisans and builders in the construction of efficient cook stoves;

A.4 Sector

Energy supply Transport and its
 Residential and Commercial Infrastructure

A.5 Technology	buildings	<input type="checkbox"/> Industry
	<input checked="" type="checkbox"/> Agriculture	<input checked="" type="checkbox"/> Forestry
	<input type="checkbox"/> Waste management	
	<input type="checkbox"/> Other	<input type="text"/>
A.6 Type of action	<input checked="" type="checkbox"/> Bioenergy	<input type="checkbox"/> Cleaner fuels
	<input checked="" type="checkbox"/> Energy Efficiency	<input type="checkbox"/> Geothermal Energy
	<input type="checkbox"/> Hydropower	<input type="checkbox"/> Solar Energy
	<input type="checkbox"/> Wind Energy	<input type="checkbox"/> Ocean Energy
	<input type="checkbox"/> Carbon Capture and Storage	<input type="checkbox"/> Low till / No till
	<input type="checkbox"/> Land fill gas collection	
	<input type="checkbox"/> Other	<input type="text"/>
A.7 Greenhouse gases covered by the action	<input checked="" type="checkbox"/> National/ Sectoral goal	<input type="checkbox"/> Project: Investment in machinery
	<input type="checkbox"/> Strategy	<input type="checkbox"/> Project: Investment in infrastructure
	<input checked="" type="checkbox"/> National/Sectoral policy or program	<input type="checkbox"/> Project : other
	<input type="checkbox"/> Other	<input type="text"/>
	<input checked="" type="checkbox"/> CO2	<input checked="" type="checkbox"/> CH4
	<input checked="" type="checkbox"/> N2O	<input type="checkbox"/> HFCs
	<input type="checkbox"/> PFCs	<input type="checkbox"/> SF6
	<input type="checkbox"/> Other	<input type="text"/>

B National Implementing Entity

B.1.0 Name	Ministry of Energy and Power Development
B.1.1 Contact Person 1	Mr. Malan Manyundo
B.1.2 Address	2nd Floor John Boyne Building Corner Innez Terrace Street/ Speke Avenue Private Bag 7758, Causeway Harare, Zimbabwe
B.1.3 Phone	+2634703320/2, +263 733 287 661 , +263 777 659 560
B.1.4 Email	mmanyundo@gmail.com
B.1.5 Contact Person 2	Ms. Shorai Kavu
B.1.6 Address	2nd Floor John Boyne Building Corner Innez Terrace Street/ Speke Avenue Private Bag 7758, Causeway Harare, Zimbabwe
B.1.7 Phone	+2634703320/2, +263 733 361 402,+263778240482
B.1.8 Email	kavkajongwe@gmail.com
B.1.9 Contact Person 3	
B.1.10 Address	
B.1.11 Phone	
B.1.12 Email	
B.1.13 Comments	

C Expected timeframe for the preparation of the mitigation action

C.1	Number of months for completion	10
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D Currency

D.1	Used Currency	<input type="text" value="AED"/>
		Conversion to USD: 1

E Cost

E.1.1 Estimated full cost of preparation	500000
E.1.2 Comments on full cost of preparation	The cost of preparation stated above is justified by the fact that there is need to hire a consultant to carry out a baseline survey that is required to prepare the NAMA. The amount will be split between paying for consultant services and costs of workshops that will be held.

F Support required to prepare the mitigation action

F.1.1 Amount of Financial support	500000
F.1.2 Type of required Financial support	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Guarantee <input type="checkbox"/> Loan (sovereign) <input type="checkbox"/> Equity <input type="checkbox"/> Loan (Private) <input type="checkbox"/> Carbon finance <input type="checkbox"/> Concessional loan <input type="checkbox"/> Other <input style="width: 100px;" type="text"/>
F.1.3 Comments on Financial support	The cost of preparation stated above is justified by the fact that there is need to hire a consultant to carry out a baseline survey that is required to prepare the NAMA. The amount will be split between paying for consultant services and costs of workshops that will be held.
F.2.1 Amount of Technical support	350000
F.2.2 Comments on Technical support	Full NAMA proposal and the MRV system.
F.3.1 Amount of capacity building support	150000
F.3.2 Type of required capacity building support	<input checked="" type="checkbox"/> Individual level <input checked="" type="checkbox"/> Institutional level <input checked="" type="checkbox"/> Systemic level <input type="checkbox"/> Other <input style="width: 100px;" type="text"/>
F.3.3 Comments on Capacity Building support	Institutional support for NAMA coordination ,implementation and MRV.
F.4 Financial support required	<input type="checkbox"/>
F.5 Technological support required	<input type="checkbox"/>
F.6 Capacity support required	<input type="checkbox"/>

G Relevant National Policies strategies, plans and programmes and/or other mitigation action

G.1 Relevant National Policies	The country's energy policy recognize the fact that wood is key energy source in the country and also that its sustainable exploration is vital for sustainable development. The Climate Change Response strategy is also an important national document that sets specific programmes to address protection of forests. This programme is also supported by the country's INDC and the national economic blueprint Zimbabwe Agenda for Sustainable Socio- Economic Transformation(ZimASSET).With all this policy support this programme is fully supported by the government of Zimbabwe.
G.2 Link to other NAMAs	<input style="width: 100%;" type="text" value="Provision of Sustainable Energy in Zimbabwe through use of Biogas"/>

H Attachments

H Attachments	Title	Description
	Climate Change Response Strategy.pdf	
	energy_policy.pdf	
	Zim-Asset.pdf	
	Zimbabwe Intended Nationally Determined Contribution 2015.pdf	

H.1 Attachment description

1. The National Climate Change Response Strategy 2. The National Energy Policy 3. The National Economic Blueprint for Zimbabwe 4. Zimbabwe INDC submitted to UNFCCC

H.2 File

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I Support received

I.1 Outside the Registry

I.2 Within the Registry

Support provided	SupportType	Amount	Comment	Date
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