

NS-259 - Sustainable Agriculture through Integrated Crop and Livestock Farming

Zambia

NAMA Seeking Support for Implementation

A Overview		
A.1 Party	Zambia	
A.2 Title of Mitigation Action	Sustainable Agriculture through Integrated Crop and Livestock Farming	
A.3 Description of mitigation action	The main interventions are as follows: (i) reduction of GHG emissions from agriculture through promotion of use of fertilisers with high nutrient efficiencies and use of im-proved crop varieties and improved management practices through conservation agriculture; (ii) reduction of GHG emissions from livestock through introduction and promo-tion of pasture conservation and through improved breeds coupled with integrated pest and disease control; (iii) re-duction of GHG emissions through use of improved ma-nure management (i.e. biogas production); and (iv) en-gagement of relevant stakeholders on policies related to scaling up sustainable agriculture and GHG emissions reduction.	
A.4 Sector	☐ Energy supply ☐ Transport and its Infrastructure ☐ Residential and Commercial buildings ☐ Industry ☒ Agriculture ☐ Forestry ☐ Waste management ☐ Other	
A.5 Technology	☐ Bioenergy ☐ Cleaner Fuels ☐ Energy Efficiency ☐ Geothermal energy ☐ Hydropower ☐ Solar energy ☐ Wind energy ☐ Ocean energy ☐ Carbon Capture and Storage ☐ Low till / No till ☒ Other	
A.6 Type of action	☐ National/ Sectoral goal ☒ Project: Investment in machinery ☐ Strategy ☒ Project: Investment in infrastructure ☐ National/Sectoral policy or program ☐ Project: Other ☐ Other	
A.7 Greenhouse gases covered by the action	☒ CO2 ☒ CH4 ☒ N2O ☐ HFCs ☐ PFCs ☐ SF6 ☐ Other	
B National Implementing Entity		
B.1.0	Name	Department of Agriculture under the Ministry of Agriculture
B.1.1	Contact Person 1	MR. PETER K. LUNGU
B.1.2	Address	P.O BOX 50197, LUSAKA, ZAMBIA
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B.1.5	Contact Person 2	MR STANISLAUS M. CHISAKUTA
B.1.6	Address	
B.1.7	Phone	+260977313402
B.1.8	Email	stanichisakuta62@gmail.com
B.1.9	Contact Person 3	
B.1.10	Address	

B.1.11	Phone	
B.1.12	Email	
B.1.13	Comments	

[Add Additional Entity](#)

C Expected timeframe for the implementation of the mitigation action

C.1	Number of years for completion	5
C.2	Expected start year of implementation	2017

D Currency

D.1	Used Currency	USD
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Conversion to USD: 1

E Cost

E.1.1	Estimated full cost of implementation	246,000,000
		Conversion to USD: 246,000,000
E.1.2	Comments on full cost of implementation	
E.2.1	Estimated incremental cost of implementation	
		Conversion to USD: 0
E.2.2	Comments on estimated incremental cost of implementation	

F Support required for the implementation the mitigation action

F.1.1	Amount of Financial support	100,000,000
		Conversion to USD: 100,000,000
F.1.2	Type of required Financial support	☐ Grant ☐ Guarantee ☐ Loan (sovereign) ☐ Equity ☐ Loan (Private) ☐ Carbon finance ☒ Concessional loan ☐ Other
F.1.3	Comments on Financial support	A revolving fund should be set up with an initial capital of US\$235,000,000 to be sourced from Government intervention of US\$135,000,000 and US\$100,000,000 from the NAMA Donors as a concessional loan.
F.2.1	Amount of Technological support	
F.2.2	Comments on Technological support	
F.3.1	Amount of capacity building support	11,000,000
		Conversion to USD: 11,000,000
F.3.2	Type of required capacity building support	☒ Individual level ☒ Institutional level ☒ Systemic level ☐ Other
F.3.3	Comments on Capacity Building support	Capacity development is envisaged in the following aspects; i. Research in improved crop varieties which can tolerate climate variability and change; ii. Improved soil and water management practices ; iii. Improvement of pastures and livestock with lower methane production; iv. Improvement in the control of pests and diseases for livestock;

G Estimated emission reductions

G.1	Amount	0.91
G.2	Unit	MtCO2e
G.3	Additional information (e.g. if available, information on the methodological approach followed)	Baseline and project emissions determined to obtain reduction potential by 2030 using IPCC Guidelines.

H Other indicators

H.1	Other indicators of implementation	
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I Other relevant information

I.1 Other relevant information including co-benefits for local sustainable development

Rural poverty reduction, increased employment, biodiversity preservation, food and nutrition security, and reduction of GHG emissions

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

K Attachments

K Attachments

Title	Description
No records to display.	

K.1 Attachment description

K.2 File

Choose File

No file chosen

Upload File

L Support received

L.1 Outside the Registry

L.2 Within the Registry

Support provided	SupportType	Amount	Comment	Date
No records to display.				