



# **BUILDING CLIMATE RESILIENCE FOR FOOD AND LIVELIHOODS IN THE HORN OF AFRICA (BREFOL)**

Djibouti, Ethiopia, Kenya, Somalia, and South Sudan

## **Annex 11: Monitoring and Evaluation Plans**



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Monitoring										
Data/Source	Collection Tool	Frequency	Indicator	Indicative Budget						
				Djibouti	Ethiopia	Kenya	Somalia	South Sudan	IGAD	Total
Annual performance report  National (e.g., IGAD) and international (e.g, FAO, World Bank, etc) publications	Government data/records	Yearly	Number of water mobilization infrastructure (e.g. small earth dams etc..) constructed or rehabilitated and managed	\$ 24.000	\$ 63.484	\$ -	\$ 29.774	\$ 73.871	\$ -	\$ 191.129
	Field observation visits		Area (hectares) of community irrigation lands developed and managed	\$ 24.000	\$ 63.484	\$ 4.871	\$ -	\$ 73.871	\$ -	\$ 166.226
	Focus groups		Number of animal feed, health, and market access infrastructure (e.g. livestock markets etc.) constructed or rehabilitated and managed (number of infrastructure built or equipped)	\$ 24.000	\$ 63.484	\$ 4.871	\$ 35.032	\$ 73.871	\$ -	\$ 201.258
Annual performance report	Survey/questionnaire	Yearly	Number of agropastoralists and pastoralists trained on sustainable land management best practices (disaggregated by male and female)	\$ 25.000	\$ 66.129	\$ 5.032	\$ -	\$ 76.532	\$ 70.887	\$ 243.581
	Government data/records		Area (hectares) of degraded rangeland rehabilitated and managed	\$ 25.000	\$ 52.903	\$ 4.226	\$ 25.645	\$ 63.226	\$ 63.710	\$ 234.710
	Focus groups		Area (hectares) of degraded land/ forest rehabilitated and managed under agroforestry and plantation for Djibouti - forest rehabilitation 1000ha	\$ 20.000	\$ 39.677	\$ 3.419	\$ 25.484	\$ 49.919	\$ 52.274	\$ 190.774
Annual performance report  TAAT Reports	Stakeholder map	Yearly	Number of small holder farmers and pastoralists benefiting from extension services (disaggregated by male and female)- estimated usd100 per beneficiary	\$ 24.000	\$ 63.484	\$ 4.871	\$ 29.774	\$ 73.871	\$ 69.452	\$ 265.452
	Survey/questionnaire		Number of beneficiaries receiving resilient varieties to improve agricultural and fodder production	\$ 25.000	\$ 52.903	\$ 3.742	\$ 31.645	\$ 63.226	\$ -	\$ 176.516
Annual performance report	Government data/records									
Annual performance report	Survey/questionnaire National	Yearly	Number of digital advisory services established through PPP mechanism	\$ 15.000	\$ 39.677	\$ 3.419	\$ 25.484	\$ 49.919	\$ 56.532	\$ 190.032

	Meteorological Agency report		Number of small holder farmers and pastoralist benefiting from the established and deployed digital advisory services (disaggregated by male and female) - usd 10 per beneficiary	\$ 20.000	\$ 52.903	\$ 4.226	\$ 25.645	\$ 63.226	\$ 63.710	\$ 229.710
Annual performance report	Government data/records Field observation visits	Yearly	Number of rural markets constructed included access	\$ 29.000	\$ 63.484	\$ 3.871	\$ 34.774	\$ 73.871	\$ -	\$ 205.000
			Number of women and youth groups and cooperatives trained on renewable energy and/or AVC development and having access to credit - 15k per group	\$ 27.000	\$ 71.419	\$ 4.355	\$ 32.871	\$ 81.855	\$ -	\$ 217.500
Annual Performance Report	Focus Groups Survey/questionnaire	Twice Yearly	Number of agribusiness MSMEs trained on renewable energy and/or AVC development and having access to credit	\$ 20.000	\$ 39.677	\$ 3.419	\$ 25.484	\$ 49.919	\$ -	\$ 138.500
Annual Performance Report	CDM verification Focus Groups Survey/questionnaire	Twice Yearly	Number of people including women in female headed households and youth with a target of 50% to receive inputs and finance to generate alternative income from renewable energy sources such as solar and biodigesters - 5 kw per household. Each household of 5	\$ 24.000	\$ 63.484	\$ 3.871	\$ 29.774	\$ 73.871	\$ -	\$ 195.000
			Capacity in MW of solar PV installed	\$ 24.000	\$ 63.484	\$ 3.871	\$ 29.774	\$ 73.871	\$ -	\$ 195.000
			Capacity in MW of cubic meter of biodigesters installed	\$ 24.000	\$ 63.484	\$ 3.871	\$ 29.774	\$ 63.548	\$ -	\$ 184.677
Annual Performance Report  Annual report of central and local financial institutions	Stakeholder map  Government data/records  Document review	Twice Yearly	Number of small holder farmers, organizations and agribusiness MSMEs including women and youth headed households being eligible for getting access to innovative climate financing (credit) supported - usd 10,000 per SME on average	\$ 20.000	\$ 52.903	\$ -	\$ -	\$ -	\$ -	\$ 72.903
			Number of small holder farmers, organizations and agribusiness MSMEs including women and youth headed households being covered by Climate Insurance	\$ 15.000	\$ 39.677	\$ -	\$ -	\$ -	\$ -	\$ 54.677
			Number of agribusiness MSMEs including women and youth headed households being eligible for	\$ -	\$ 66.129	\$ 4.032	\$ 35.806	\$ -	\$ -	\$ 105.968

			getting access to innovative climate financing (credit and insurance) supported							
Annual Performance Report  ICPAC Seasonal Forecast Bulletin	Government data/records	Twice Yearly	Number of agrometeorological stations installed and generating weather and climate data USD 25k per weather station	\$ 24.000	\$ 63.484	\$ 3.871	\$ -	\$ 73.871	\$ -	\$ 165.226
	Document review  Survey/questionnaire		Number of pastoralists and smallholder farmers (women and youth including women in female headed households) with a target of 40% having access to and use of climate-informed agro-advisory services	\$ 24.000	\$ 63.484	\$ 3.871	\$ -	\$ 63.871	\$ 69.452	\$ 224.677
Annual Performance Report	Government data/records	Yearly	Number of climate-related agricultural policies, regulations, or laws enacted or updated	\$ 25.000	\$ 66.129	\$ 4.032	\$ 30.806	\$ 66.532	\$ 70.887	\$ 263.387
	Document review  Survey/questionnaire		Number of farmers and pastoralist made aware of climate change, gender mainstreaming, conflict management, etc. - USD100 per beneficiary	\$ 25.000	\$ 66.129	\$ 4.032	\$ 30.806	\$ 66.532	\$ 70.887	\$ 263.387
Annual Performance Report Audit reports	Government data/records National Meteorological Agency report Document review  Survey/questionnaire	Quarterly	Number of financial audit report	\$ 24.000	\$ 63.484	\$ 3.871	\$ 29.774	\$ 63.871	\$ 69.452	\$ 254.452
			Number of procurement audit report	\$ 30.000	\$ 79.355	\$ 4.839	\$ 35.968	\$ 79.839	\$ 78.065	\$ 308.065
			Annual performance report	\$ 35.000	\$ 92.581	\$ 5.645	\$ 36.129	\$ 93.145	\$ 85.242	\$ 347.742
			Number of established M&E system	\$ 24.000	\$ 63.484	\$ 3.871	\$ 29.774	\$ 63.871	\$ 69.452	\$ 254.452
			<b>TOTAL</b>	<b>\$ 620.000</b>	<b>\$ 1.640.000</b>	<b>\$ 100.000</b>	<b>\$ 640.000</b>	<b>\$ 1.650.000</b>	<b>\$ 890.000</b>	<b>\$ 5.540.000</b>

Evaluation
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Type	Timing	Independent/Self-evaluation	Indicative Budget
<i>Outcome</i>	Mid-term	Independent	\$ 362.424,00
<i>Impact</i>	Final year	Independent	\$ 604.040,00