CONCEPT NOTE

Extract from

The Ministry of Environment and Climate Change

STRATEGIC PLAN 2023-2028

Concept Note:
Combat climate change and its impacts in Somalia
Submitted to:

I. Background and Problems Statement

Extreme weather events have become more frequent and intense exacerbating the vulnerability of pastoral, agro-pastoral, and coastal communities across the country

Climate change poses significant challenges to Somalia's socio-economic and ecological systems. The "Somalia Climate Change Risk Profile" published by the UNDP and GEF highlights temperature increases and sea-level rise as prominent issues. Over the past three decades, Somalia has experienced a substantial rise in average annual temperatures, resulting in changing precipitation patterns, increased variability, and more frequent droughts and floods. The country's long coastline faces a higher-than-global-average sea-level rise, leading to coastal erosion, saltwater intrusion, and population displacement.

While previous efforts have been made to mitigate these conditions, gaps remain in implementing climate change measures, integrating them into national policies, and building resilience to climate-related hazards. The current strategic plan of the Ministry of Environment and Climate Change (MoECC) aims to address these challenges. It includes interventions such as restoring land degradation, reducing resource competition-based conflicts, integrating climate change into policies, and enhancing education, awareness, and institutional capacity. The plan also emphasizes adopting energy-efficient technologies, promoting renewable energy, mainstreaming gender considerations, mobilizing resources, and implementing participatory climate finance mechanisms. Somalia seeks to mitigate and adapt to climate change, fostering resilience and sustainable development.

II. Strategic Objectives/Interventions

a. Mainstream climate risk management and climate change adaptation into all relevant sectoral policies, plans, budgets, and activities
b. Integrate climate change scenarios and climate early warning into spatial planning for all sectors
c. Ensure an electricity supply mix based mainly on renewable energy resources that is resilient to climate change and promote energy efficiency
d. Mainstream climate mobility, climate security nexus to climate resilience
e. Reduce the vulnerability of the communities to extreme climate events induced disasters, through improved institutional resilience (preparedness and response) at all levels – Federal, State and Community Levels
f. Strengthen and expand downscaled drought/floods [multi-hazard approach] early warning, preparedness, and response mechanisms in the States
g. Mainstream climate action into the blue economy through climate-smart aquaculture and fishing technologies, and green port initiatives
h. Leapfrogging to modern and energy-efficient technologies in transport, industrial sectors, and buildings (and use of renewable energy)
i. Adoption of Developing Locally Led Adaptation (LLA) principles by supporting communities to access funding for locally prioritized initiatives.

III. Key Activities

a. Preparation of climate change indicator handbook for all sectors
b. Engage sectors in mainstreaming climate change in sectorial policies, plans, budgets, and activities
c. Development and organization of capacity-building trainings/workshops aimed at improving the financial and insurance literacy and risk awareness of government officials and other stakeholders that are gender responsive and inclusive
d. Establishment of long-term partnerships, especially between public, private, and development cooperation partners for the development and operation of climate insurance schemes
e. Engage stakeholders in the spatial planning to sensitize them on climate change scenarios and early warning
f. Preparation of an integrated spatial plan
g. Establishment of an electricity supply mix
h. Research on climate related mobility internally and transboundary
i. Study on climate (In) security nexus
j. Design of an urban climate resilience programme
k. Participate in preparation of disaster preparedness and response policy
l. Domestication of disaster preparedness and response policies in the FMS
m. In collaboration with FMS
n. strengthen and expand downscaled drought/floods [multi-hazard approach]
o. In collaboration with relevant Ministries mainstream climate action into the blue economy
p. Engagement of relevant stakeholders in the energy, transport, industrial sectors, and buildings to leapfrog energy-efficient technologies.

IV. Annual Activity Tentative Based Budget

Strategic Interventions	Description of Key Activities	Key Performance Indicators (KPIs)	Planned Targets and Indicative Budget (USD)										Total Cost (USD)
			2023/24		2024/25		2025/26		2026/27		2027/28		
			Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Key Priority Area: Climate Change and Weather Information													
Outcome: Climate change adaptation, mitigation and resilience mainstreamed in the economy													
Strategic Objective: Combat climate change and its impacts													
Mainstream climate risk management and climate change adaptation into all relevant sectorial policies, plans, budgets, and activities; as a part of comprehensive climate risk management, while also integrating them in other national social assistance/protection schemes	Preparation of climate change indicator handbook for all sectors	A climate change indicator handbook/ manual in place	1	50,000	-	-	-	-	1	50,000	-	-	**100,000**
	Engage sectors in mainstreaming climate change in sectorial policies, plans, budgets, and activities	No. of sectorial policies, plans and budgets mainstreamed for climate change adaptation	-	-	5	60,000	5	60,000	5	60,000	5	60,000	**240,000**
	Development and organization of capacity-building trainings/workshops aimed at improving the financial and insurance literacy and risk awareness of government officials and other stakeholders that are gender responsive and inclusive	No. of trainings/workshops conducted	1	20,000	1	20,000	1	20,000	1	20,000	1	20,000	**100,000**
		No. of Pre and post training surveys conducted	1	15,000	1	15,000	1	15,000	1	15,000	1	15,000	**75,000**
	Establishment of long-term partnerships, especially between public, private, and development cooperation partners for the development and operation of climate insurance schemes	Partnerships established and policy documents signed	1	80,000	1	80,000	1	80,000	1	80,000	1	80,000	**400,000**
Integrate climate change scenarios and climate early warning into spatial planning for all sectors	Engage stakeholders in the spatial planning to sensitize them on climate change scenarios and	No. of Stakeholders engagement forums held	2	100,000	2	100,000	-	-	-	-	1	50,000	**250,000**

Strategic Interventions	Description of Key Activities	Key Performance Indicators (KPIs)	Planned Targets and Indicative Budget (USD)										Total Cost (USD)
			2023/24		2024/25		2025/26		2026/27		2027/28		
			Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	early warning												
	Preparation of an integrated spatial plan	An Integrated Spatial Plan	-	-	1	50,000	-	-	-	-	1	50,000	**100,000**
Ensure an electricity supply mix based mainly on renewable energy resources that is resilient to climate change and promote energy efficiency	Establishment of an electricity supply mix	An electricity supply mix in place	-	-	-	-	1	200,000	-	-	-	-	**200,000**
Mainstream climate mobility, climate security nexus to climate resilience	Research on climate related mobility internally and transboundary	No. of research on climate mobility	1	200,000	-	-	-	-	-	-	-	-	**200,000**
	Study on climate (In) security nexus	No. of studies on climate security	-	-	1	200,000	-	-	-	-	-	-	**200,000**
	Design of an urban climate resilience programme	No. projects developed and implemented on urban climate resilience	-	-	6	2 million	6	2 million	6	2 million	-	-	**6,000,000**
Reduce the vulnerability of the communities to extreme climate events induced disasters, through improved institutional resilience (preparedness and response) at all levels – Federal, State and Community Levels	Participate in preparation of disaster preparedness and response policy	A disaster preparedness and response policy in place at FGS	-	-	-	-	1	100,000	-	-	-	-	**100,000**
	Domestication of disaster preparedness and response policies in the FMS	A disaster preparedness and response policy in place at FMS	-	-	-	-	-	-	3	300,000	2	200,000	**500,000**
Strengthen and expand downscaled drought/floods [multi-hazard approach] early warning, preparedness, and response mechanisms in the States	In collaboration with FMS strengthen and expand downscaled drought/floods [multi-hazard approach]	Weather hazards and multi-hazard, early warning, preparedness, and response mechanisms in place at FMS	1	100,000	1	100,000	1	100,000	1	100,000	1	100,000	**500,000**
Mainstream climate	In collaboration with	No. of consultative	2	100,000	2	100,000	-	-	-	-	4	200,000	**400,000**

Strategic Interventions	Description of Key Activities	Key Performance Indicators (KPIs)	Planned Targets and Indicative Budget (USD)										Total Cost (USD)
			2023/24		2024/25		2025/26		2026/27		2027/28		
			Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
action into the blue economy through climate-smart aquaculture and fishing technologies, and green port initiatives	relevant Ministries mainstream climate action into the blue economy	meetings held											
Leapfrogging to modern and energy-efficient technologies in transport, industrial sectors, and buildings (and use of renewable energy)	Engagement of relevant stakeholders in the energy, transport, industrial sectors, and buildings to leapfrog energy-efficient technologies	No. of engagement national level meetings held	-	-	2	10,000	2	10,000	2	10,000	-	-	**30,000**
		A national plan for climate-smart technology transfer in energy, transport, and industry sectors	-	-	1	200,000	-	-	-	-	-	-	**200,000**
		Establishment of modern and energy-efficient technologies	1	1 million	1	1 million	1	1 million	1	1,000,000	1	1 million	**5,000,000**
Adoption of Developing Locally Led Adaptation (LLA) principles by supporting communities to access funding for locally prioritized initiatives	Preparation of climate adaptation action plans	No. of climate adaptation action plans across sectors	5	150,000	5	150,000	5	150,000	-	-	-	-	**450,000**
		No. GHG inventory Developed	1	100,000	-	-	1	100,000	-	-	1	100,000	**300,000**
	Establishment of a climate information system	A Climate Integrated Information System (CIIS) established	1	200,000	-	-	-	-	1	200,000	-	-	**400,000**
	Adoption of a climate change data visualization & modelling tools	No. of adopted climate change data visualization & modelling tools (toolset)	1	100,000	-	-	-	-	1	100,000	-	-	**200,000**
Total				**2,215,000**		**4,085,000**		**3,835,000**		**3,935,000**		**1,875,000**	**15,945,000**

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