



GOSE—UNDP Eritrea 2019 & 2020 – Biennial Work Plan

Project name	Source of fund: UNDP Track	2020		Total (2019 + 2020) UNDP Track
		Source of Fund: UNDP Track Available Fund	To be mobilized	
DEBUB, ANSEBA, SRS, NRS and GASH-BARKA REGIONS Water Supply/Water Resources Development	US\$ 2,500,000	US\$ 2,552,427	US\$ 4,771,880	US\$ 9,824,306

Dr. Giorgis Teklemikael Minister Ministry of National Development Signature:  Date: 06/06/2019 	Ms. Susan Ngongi Resident Coordinator UN, Eritrea Signature:  Date: 2019 	Mr. James Wakiaga Resident Representative UNDP, Eritrea Signature:  Date: 2019 	Woldemichael Abraha Minister Ministry of Local Government Signature:  Date: 
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Water Supply Biennial Work Plan

Period – 2019-2020

SPCF/CPD Outcome(s):

By 2021, environmental and natural resources management is gender responsive, and sustainable, negating the impacts of ecosystem degradation, climate change, and strengthening community resilience to disasters.

SPCF Outcome 6:

By 2021, smallholder households have improved access to and utilisation of quality food and enhanced livelihood opportunities.

Expected Output (s):

Enhanced livelihoods security through sustainable access to improved quantities and quality of drinking and domestic water.

Implementing Partner:

Ministry of National Development and Ministry of Local Government

Brief Description

Water is central to national development that includes many challenges in the vital sectors such as food, energy, health and economic development. It is critical for sustainable development and the eradication of poverty and hunger, and is indispensable for human development, health and wellbeing. Water-related challenges, including limited access to safe water and sanitation, increasing pressure on water resources and ecosystems, disasters and an exacerbated risk of droughts and floods, have received increasing attention in the global development arena.

Cognizant of this fact, the government of Eritrea have been working towards developing the water resources sector. Policies pertaining to water resources, food security, environment, and water and drought calamities mitigation were formulated and being put into effect. Water is both a key input to many types of livelihood activity and a determinant of the health and productivity of ecosystems on which the poor depend.

The community-based water supply project was prepared in response to the Government request for support to water supply as one of the national priorities to meet challenges in the field of water. Provision of improved water services through this project will provide opportunities for livelihoods improvement through combining water for domestic use (drinking, cooking, bathing) as well as water home-based productive activities that are critical for the livelihoods of poor people.

The project is based on a community-based, demand-driven approach to provide safe drinking water for 36 villages in five regions of Eritrea. The local people will fully participate in implementation of the project and eventually become fully responsible for operation and maintenance work.

The project is aligned to, as depicted in the SPCF 2017-2021, the National Development Priority for WASH: Sustained water supply and sanitation coverage to foster public health, human dignity, socioeconomic development and environmental protection. Water supply services and infrastructure are economic activities, while at the same time, access to basic water supply is a fundamental human right.

The project is also in alignment with UNDP's development strategy to support demand-driven, and community-based water resource management and water supply projects in rural areas. The local management and community initiatives for the project will play a key role in ensuring and sustaining the success of enhancing water supply services to poor communities.

Access to safe water of the project will also contribute to the achievement of SGD 6 target 6.1 on improved drinking water and sanitation (SDG6: "By 2030, achieve universal and equitable access to safe and affordable drinking water for all."). It aims to increase improved and safe access to water services and practices, focusing on vulnerable groups, including people in drought-prone areas.

In rural Eritrea, mothers and daughters are mainly responsible for fetching the water that their families need for drinking, bathing, cooking and other household uses. The time that women and young girls spend on domestic chores is significant and thus water infrastructure provision will potentially reduce women's and young girls time burden. The saving includes time spent on collecting, loading and purifying water. That saving would enable women and young girls to engage in remunerated activities and dedicate more time to pursuing education.

Programme Period: 24 months
 Key Result Area (Strategic Plan): Improved standard of living
 Atlas Award ID:
 Project Start date: June 2019
 Project End Date: June 2020

2019-2020 Total allocated resources: US\$ 9,824,306
 2019 Total allocation: US\$ 2,500,000

- UNDP Track: US\$ 2,500,000
- Other Resources: US\$ -----

 2020 Total proposed budget: US\$ 7,324,307

- UNDP Track (Available): US\$ 2,552,427
- UNDP Track + Other Resources (to be mobilized): US\$ 4,771,880

 Government: In kind:

- Office space and utilities
- Technical experts at national and district levels

WATER SUPPLY DEVELOPMENT PROJECTS IN DEBUB, ANSEBA, NRS, SRS AND GASH BARKA REGIONS SUPPORTED BY UNDP

Summary Budget allocation plan by Zoba and Funding

Economic Zone	Zoba	Estimated Cost		Budget allocation by Year				% of sites to be supported with available fund
		ERN	US\$	2019	2020	2019 & 2020	2020	
				Available US\$	Total Available US\$	To be mobilized US\$		
Eastern	Southern Red Sea (SRS)	34,000,000	2,266,667	600,000	533,333	1,133,333	1,133,333	50%
	Northern Red Sea (NRS)	24,518,642	1,634,576	415,000	434,617	849,617	784,959	52%
Western	Gash-Baraka	67,045,951	4,469,730	935,000	1,181,143	2,116,143	2,353,587	47%
	Debub	16,500,000	1,100,000	300,000	300,000	600,000	500,000	55%
Central	Anseba	5,300,000	353,333	250,000	103,333	353,333	-	100%
	Grand total	147,364,593	9,824,306	2,500,000	2,552,427	5,052,427	4,771,880	51%

Summary Budget allocation plan by project type/activity and funding

Project Type	Estimated Cost		Budget allocation by Year						% of project activities to be supported with available fund	% of remaining resources to be mobilized
	ERN	US\$	2019		2020		2019 & 2020	2020		
			Available US\$	Total Available US\$	To be mobilized US\$					
Construction of New Water Supply in 36 sites/villages	140,311,950	9,354,130	2,183,333	2,398,917	4,582,250	4,771,880	49%	51%		
Maintenance of Water Supply in 1 site/village	3,552,643	236,843	125,000	111,843	236,843	-	100%	0%		
Maintenance of Water Pump in 1 site/village	500,000	33,333	33,333	-	33,333	-	100%	0%		
Well digging and Pump in 3 sites/villages	3,000,000	200,000	158,333	41,667	200,000	-	100%	0%		
Total	147,364,593	9,824,306	2,500,000	2,552,427	5,052,427	4,771,880	51%	49%		

Summary Budget allocation plan by Zoba, project type/activity and funding

Economic Zone	Zoba	Project Type	Estimated Cost		Budget allocation by Year			
			ERN	US\$	2019	2020	2019 & 2020	2020
Eastern	SRS	Construction of Water Supply	33,500,000	2,233,333	566,667	533,333	1,100,000	1,133,333
		Maintenance of Water Pump	500,000	33,333	33,333	-	33,333	-
	Sub-total		34,000,000	2,266,667	600,000	533,333	1,133,333	1,133,333
Western	NRS	Construction of Water Supply	24,518,642	1,634,576	415,000	434,617	849,617	784,959
		Sub-total	24,518,642	1,634,576	415,000	434,617	849,617	784,959
	Gash-Baraka	Construction of New Water Supply	63,493,308	4,232,887	810,000	1,069,300	1,879,300	2,353,587
Maintenance of Water Supply		3,552,643	236,843	125,000	111,843	236,843	-	
	Sub-total	67,045,951	4,469,730	935,000	1,181,143	2,116,143	2,353,587	
Central	Debub	Construction of Water Supply	16,500,000	1,100,000	300,000	300,000	600,000	500,000
		Sub-total	16,500,000	1,100,000	300,000	300,000	600,000	500,000
	Anseba	Well digging and Pump	3,000,000	200,000	158,333	41,667	200,000	-
Construction of New Water Supply		2,300,000	153,333	91,667	61,667	153,333	-	
	Sub-total	5,300,000	353,333	250,000	103,333	353,333	-	
Total all Zobas/All Economic Zones			147,364,593	9,824,306	2,500,000	2,552,427	5,052,427	4,771,880

Water Supply/Water Resources Development Action Plan

Project Outcome/Output	Project Type	Total estimated Cost US\$	Budget allocation by Year			
			2019 Available US\$	2020 Available US\$	2019 & 2020 Total Available US\$	2020 To be mobilized US\$
Enhanced livelihoods security through sustainable access to safe, improved quantities and quality of drinking and domestic water.	Construction of New Water Supply in 36 sites/villages	9,354,130	2,183,333	2,398,917	4,582,250	4,771,880
	Maintenance of Water Supply in 1 site/village	236,843	125,000	111,843	236,843	-
	Maintenance of Water Pump in 1 site/village	33,333	33,333	-	33,333	-
	Well digging and Pump in 3 sites/villages	200,000	158,333	41,667	200,000	-
	Total	9,824,306	2,500,000	2,552,427	5,052,427	4,771,880

Annex: Detail Water Supply/Water Resources Development Action Plan June 2019—December 2020

1. Eastern Zone

Zoba	Sub-zoba	Village/Town	Project Type	ERN	Cost US\$	Budget allocation by Year			
						2019	2020	2019 & 2020	2020
						Available US\$		Total Available US\$	To be mobilized US\$
SRS	South Dankalia	Bera'soli	Construction of New Water Supply	10,000,000	666,667	-	-	-	666,667
	South Dankalia	E'di	Construction of New Water Supply	7,000,000	466,667	-	-	-	466,667
	Arae'ta	Tio'	Construction of New Water Supply	8,000,000	533,333	-	533,333	533,333	-
	Arae'ta	Aytus	Construction of New Water Supply	3,000,000	200,000	200,000	-	200,000	-
	South Dankalia	Beylul	Construction of New Water Supply	1,000,000	66,667	66,667	-	66,667	-
	South Dankalia	Debaisima	Construction of New Water Supply	3,000,000	200,000	200,000	-	200,000	-
	Arae'ta	Saroyta	Construction of New Water Supply	500,000	33,333	33,333	-	33,333	-
	Arae'ta	Hamerti	Construction of New Water Supply	500,000	33,333	33,333	-	33,333	-
	Central Dankalia	Belu'bey	Construction of New Water Supply	500,000	33,333	33,333	-	33,333	-
	Central Dankalia	Dud	Maintenance of Water Pump	500,000	33,333	33,333	-	33,333	-
SRS Total				34,000,000	2,266,667	600,000	533,333	1,133,333	1,133,333
NRS	Dahlak	Dahlak	Construction of New Water Supply	6,420,000	428,000	-	-	-	428,000
	Nakfa	Nakfa	Construction of New Water Supply	4,784,261	318,951	150,000	168,951	318,951	-
	Afabet	Camchewa	Construction of New Water Supply	4,200,000	280,000	140,000	140,000	280,000	-
	Gela'lo	A'dayto	Construction of New Water Supply	5,354,381	356,959	-	-	-	356,959
	Foro	Ad'esh	Construction of New Water Supply	3,760,000	250,667	125,000	125,667	250,667	-
Total				24,518,642	1,634,576	415,000	434,617	849,617	784,959

2. Western Zone

Zoba	Sub-zoba	Village/Town	Project Type	ERN	Cost US\$	Budget allocation by Year			
						2019	2020	2019 & 2020	2020
						Available US\$	Available US\$	Total Available US\$	To be mobilized US\$
Gash-Barka	Mensura	Gerger	Construction of New Water Supply	5,806,791	387,119	-	-	-	387,119
	Dighe	Grijnay	Construction of New Water Supply	5,553,596	370,240	-	-	-	370,240
	Agordat	Albaniyay	Construction of New Water Supply	5,921,471	394,765	-	-	-	394,765
	Shambiqo	Kotobya	Construction of New Water Supply	6,230,488	415,366	-	-	-	415,366
	Dighe	Bisha (Adi Ebrhim)	Construction of New Water Supply	3,552,643	236,843	125,000	111,843	236,843	-
	Shambiqo	Aykota	Construction of New Water Supply	7,003,837	466,922	-	-	-	466,922
	Kerkebet	Lakoib	Maintenance of Water Supply	3,552,643	236,843	125,000	111,843	236,843	-
	Forto	Fededab	Construction of New Water Supply	4,787,629	319,175	-	-	-	319,175
	Forto	Rbdda	Construction of New Water Supply	4,439,923	295,995	140,000	155,995	295,995	-
	Molqi	Adimeger	Construction of New Water Supply	3,731,159	248,744	-	248,744	248,744	-
Kerkebet	Hawan	Construction of New Water Supply	3,911,912	260,794	130,000	130,794	260,794	-	
Kerkebet	Akayde	Construction of New Water Supply	4,131,749	275,450	140,000	135,450	275,450	-	
Sel'a	Baden	Construction of New Water Supply	3,994,411	266,294	130,000	136,294	266,294	-	
Sel'a	Diebba	Construction of New Water Supply	4,427,699	295,180	145,000	150,180	295,180	-	
Total				67,045,951	4,469,730	935,000	1,181,143	2,116,143	2,353,587

3. Central Zone

Zoba	Sub-zoba	Village/Town	Project Type	ERN	Cost US\$	Budget allocation by Year				
						2019	2020	2019 & 2020		To be mobilized US\$
						Available US\$		Total Available US\$		
	Mendefera	Aregitmekrem	Construction of New Water Supply	3,000,000	200,000	-	-	-	200,000	
	Senafe	Keshea't	Construction of New Water Supply	4,500,000	300,000	150,000	150,000	300,000	-	
Debub	Adiquala	Damba minchi	Construction of New Water Supply	2,500,000	166,667	83,333	83,333	166,667	-	
	Maiaini	Qertseqemte	Construction of New Water Supply	2,000,000	133,333	66,667	66,667	133,333	-	
	Senafe	Nare'	Construction of New Water Supply	4,500,000	300,000	-	-	-	300,000	
			Debub Total	16,500,000	1,100,000	300,000	300,000	600,000	500,000	
Anseba	Gheleb	Qafet	Well digging and Pump	1,000,000	66,667	-	-	66,667	-	
	Hamelimalo	Gesew	Well digging and Pump	1,000,000	66,667	-	-	66,667	-	
	Adi Tekelezan	Angetay	Well digging and Pump	1,000,000	66,667	25,000	41,667	66,667	-	
	Hagaz	Adi Hashishay	Construction of New Water Supply	800,000	53,333	20,000	33,333	53,333	-	
	Hagaz	Adi Begu	Construction of New Water Supply	300,000	20,000	20,000	-	20,000	-	
	Gheleb	Adi KaluQ	Construction of New Water Supply	400,000	26,667	26,667	-	26,667	-	
	Elaberid	Adi Edrba	Construction of New Water Supply	800,000	53,333	25,000	28,333	53,333	-	
			Anseba Total	5,300,000	353,333	250,000	103,333	353,333	-	

4. Budget Summary

Grand total (All Zobas/All Economic Zones)	ERN	Cost US\$	Budget allocation by Year			
			2019	2020	2019 & 2020	
			Available US\$		Total Available US\$	
			2,500,000	2,552,427	5,052,427	4,771,880