



ANNUAL REPORT

2022 - 2023

**The Ministry of Energy and Water
Resources -FGS**



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The Minister's Message

As a Minister of Energy and Water Resources of Federal Government of Somalia, I'm delighted to announce that the Ministry has achieved a remarkable progress for both annual planned goals within our mandate (90%) and the committed sheet activities signed with the office of the Prime Minister for the year 2023. The Ministry has delivered **76%** of the pledges made last year with the Prime Minister of Federal Government of Somalia, H.E Hamse Abdi Bare. These pledges include approval of the National Electricity Act, where Dr. Hassan Sheikh Mohamoud, the President of the Republic of Somalia, approved and signed as the law of the land and establishment of the national electricity



authority, which will operationalize the approved act and regulate the electricity supply industry. Additionally, the Ministry has also carried out institutional structural study for electricity supply industry, validated and presented to the council of the cabinet for approval. Furthermore, the Ministry has undertaken capacity needs assessment and devised 5 years plan of capacity building strategy for all the ministry of energy and water resources of the federal members states to strengthen their competence to carry out its mandates and serve citizens. Moreover, the Ministry has implemented a vital service of weather monitoring and flood water level forecasting systems in vulnerable areas of Juba and Shebelle Rivers as well as review of water sector governance and national water policy. Besides, the Ministry has participated campaign of stabilization across the country by drilling and rehabilitating number wells destroyed by the opponents of the social existence, where more than 250,000 people and their livestock have benefits from the project.

Currently, the Ministry is undertaking 12 donor funded projects in both water and energy sectors for exploration of vital water and energy resources potential in the country to support and transform both private and public sectors and ensure that the Somali communities receive a quality public service.

A number of planned projects have been undertaken by the Ministry, including installation of stand-alone solar off grid system to provide free electricity to 580 public institutions (375 schools and 205 health facilities) and serve thousands of people. The installation of off grid system will improve electric supply systems for the health and education facilities across the country. These intervention projects were part of the last year's plan and set to be completed next year by transferring it to the current commitment sheet as a continuation.

Finally, it's a great honor and privilege to have given the opportunity to serve our great nation by leading energy and water sectors, which are fundamental to the livelihood, economic growth, and stability of the country.

H.E. Jama Taqal Abbas

The Minister of Energy and Water Resources

1. Executive Summary

1.1: Brief overview of the report

The Ministry of Energy and Water Resources of Federal Government of Somalia is submitting its annual performance report for the year 2023. This report highlights the key achievements made by the various sectors under the planned activities within the mandate of the Ministry and the commitment sheet activities from the Office of the Prime Minister, which was signed by the Minister of Energy and Water Resources of Federal Government of Somalia, H.E Jama Taqal Abbas and The Prime Minister of Federal Government of Somalia, H.E Hamse Abdi Bare. The Ministry has made a significant achievement in both water and energy sectors and delivered 90 % for the annual planned activities under the mandate of the Ministry and over 76% of the agreed activities on the commitment sheet, while the remaining 24% will be transferred to the current commitment sheet and completed in 2024.

1.2: Key highlights of achievements and progress

for the Energy Sector, National electricity act and National Electricity Authority have been approved and operationalized. The The National Electricity Authority board has convened its first inaugural board meeting in October 2023. In addition, 90% of the design for construction of Sub-transmission and distribution network reconstruction, reinforcement, and operation efficiency for the major load centers of Mogadishu have been completed while the remaining 10% of it is bounded to validation of energy service providers as soon as possible prior to its implementation in beginning of the next year (2024). Currently, the design of five major cities in Federal Member states of Somalia is under way and is expected to culminate in the next year (2024) while the installation of solar off grid systems to public institutions (Hospitals and Schools) is currently in-progress and would be completed in the year 2024.

Regarding water sector, the Ministry has made a significant achievement in both planned activities under the mandate and for the participation of stabilization activities. 16 Boreholes have been rehabilitated in the newly liberated areas of Somalia and a new deep borehole (1) was drilled. These boreholes were rehabilitated and drilled in various locations across the country, where most of the communities at these locations have experiencing harsh drought from the climate change and complete displacement resulted from the war, and thus, include Maxaas and Baxdo – Adado districts in Hirshabelle and Galmudug States respectively and are among the districts liberated in addition to **Gedo region, Jubaland State (Table 1.2, Appendix).**

The Ministry has installed **23** automatic weather stations, four level sensors and nine automatic rain gauges in Juba and Shebelle Rivers. Hence, the Ministry is currently producing an early warning message about the river levels, rainfall, and flood to the communities in the specified locations (Beledweyne, and Bula-Burte). Furthermore, mapping of hydro-met services has been completed. Besides, construction of Flood protection (retaining wall) infrastructure in Beledweyne in Hirshabelle State of Somalia was completed while rehabilitation of a Canal has been accomplished in Luuq district, Gedo Region as well. The Ministry has also carried out Feasibility study on hydrogeological assessment for construction of new Earth Dams in Baidoa district, Southwest Region, Galmudug, and Banderadley district in Galmudug Region. The Implementation of Master of Science degree study in Integrated Water Resources Management at the Somali National University is in-progress, where 35 students (28 Males and

8 females) are attending. The Ministry has completed Establishment of Geospatial Technologies at Federal and Federal Member States of Somalia.

2. Introduction

2.1. The Purpose of the report

The Purpose of this Annual Performance Report is to provide progress update report to the Office of the Prime Minister of Federal Government of Somalia regarding daily planned activities under the Ministry's mandate and commitment sheet submitted by the Ministry of Energy and Water Resources of Federal Government of Somalia on January 2023.

2.2. Overview and Evaluation of the commitment sheet

Under the Commitment sheet signed by the Minister and the Prime Minister summarizes the following deliverables and activities (**table 2.1**) accomplished for both energy and water resources sectors:

Table 2.1: Summarizes of deliverables and activities

No	Deliverables -Activities	N0. Of Activities	% of Completion
1	Establishment of Somalia Electricity Authority	1	100%
2	Electricity Tariffs and Licensing Regulations	2	100%
3	Completion of the Somali Electricity Act 2023	1	100%
4	Solarization off grid system for 585 public institutions (205 hospitals and 380 schools)	1	45%
5	Development of the national Hydromet Policy and its road Map for Implementation.	1	100%
6	Establishment of centralized national water resources information system	1	100%
7	Implementation plan for Shabelle basin strategic action plan	1	95%
8	Completion of Electricity sub-transmission and distribution with integrated development of least cost investment plan in Mogadishu	1	90%
9	Preparation of Electricity sub-transmission and distribution integrated development least cost investment plan in 5 Major cities in FMS	1	30%

11	Accelerating road map implementation for the national water resources strategy and 13 flagships project that will guide the overall country's water resource development.	1	100%
12	Develop Water Sector Governance Framework	1	100%
13	Preparation of National Water Policy and reversed water law.	1	65%
14	Total	13	76%

2.3. Progress Made on the Commitment Sheet for 2023

The Ministry of Energy and Water Resources of Federal Government of Somalia has made a significant achievement in all the above commitments for year 2023. Over **76%** of the above deliverables have been completed while the remaining 24% are in-progress and will be completed in an early 2024. The In-progress activities/deliverable have been transferred in the next year's (2024) commitment sheet as a continuation.

3. Brief History of MOEWRs

The Ministry of Energy and Water Resources was established in 2012 to undertake responsibility of two sectors: Energy and Water Resources exploration, development, and management in an equitable basis to the Somali society.

3.1. Vision

The Vision of the Ministry of Energy and Water Resource of Federal Government of Somalia is the Development of energy and water resources for national prosperity.

3.2. Mission

the Ministry of Energy and Water Resource of Federal Government of Somalia Strives to provide reliable, adequate, and accessible clean energy and water resources with quality services to the society.

3.3. Core Mandate

The Ministry of Energy and Water Resources is responsible for the formulation, direction and coordination of the national energy and water resources. Furthermore, the ministry involves policy making, setting standard operation, national planning, regulation, monitoring, and technical support to regional states in relation to energy and water resources to promote socio-economic development and growth for the prosperity of the country.

In service delivery, the Ministry is supported by two autonomous organizations namely: National Electric Authority and Water development Authority, where Electric Authority is functioning and performing service delivery while Water Development Authority establishment is progress due to pending water act but it is expected to be enacted and operationalized in the middle of the next year (2024).

4. Performance Summary

The following **table 4.1** summarizes deliverables, activities, specific targets, and overall progress level achievements for the planned milestones.

Table: 4.1: Milestones, activities, and achievements

Detailed description of each milestone	Activities planned to achieve for these milestones	Specific targets set for the year	Achievements against these targets	Overall percentage progress towards commitments
The National Electricity Authority was Approved and signed by the President.	<ul style="list-style-type: none"> • MOEWRs Prepared the 1st Draft of the Electricity Act • Public Consultations were conducted with all stakeholders (ESPs/SSPs, FMS and the Public. • Both the Lower and upper houses of the parliament approved after they have read in two different sessions • The President Dr. Hassan Sheikh Mohamoud finally signed the electricity act for approval. • The National Electricity Authority was established, and the Board members were put on board. 	1	1	100%
National Electricity Authority was established	<ul style="list-style-type: none"> • The Minister of the MOEWRs has appointed general manager and Deputy general Manager as well as the members of the Board. • Council of the cabinet in the Office of the parliament have approved Electricity authority after the Minister presented the proposed Board members the General Manager and Deputy director General 	1	1	100%

	<ul style="list-style-type: none"> The first inaugural Board meeting convened in October 2023 to approve its annual operational work plans and SOPs. 			
Energy Information Management System developed.	<ul style="list-style-type: none"> System Requirement Specification was completed. Inception report was prepared. Consultation was conducted with the FMS Ministers to discuss with them system features and components. The Information system was fully developed and tested. Implementation of the system is bending for implementation. 	1	1	100%
Tariffs and License Regulations approved by the council of the cabinet.	<ul style="list-style-type: none"> License and tariffs requirements were drafted by the MOEWRs Consultation meeting have been conducted with the ESPs. The Council of cabinet in the Office of the Prime Minister have Approved the tariffs and License requirements. 	1	1	100%
Electricity Supply Industry Institutional Structure	<ul style="list-style-type: none"> Electricity Supply Industry Institutional Structure Survey was conducted. Consultation with key stakeholders (ESPs/SSPs) was conducted. Validation workshop has been conducted in Kismaayo and the findings were validated. 	1	1	100%
Electricity sub-transmission and distribution with integrated development for	<ul style="list-style-type: none"> Inception Report was developed and approved. 	1	0.9	90%

least cost investment plan in Mogadishu				
Electricity sub-transmission and distribution with integrated development for least cost investment plan in 5 Major Cities (FMS).	Inception report	1	0.3	30%
Borehole drilling and Rehabilitation in Newly Liberated and drought prone Areas	<ul style="list-style-type: none"> • Conducting Hydro-Geological assessments. • Implementation of Rehabilitation to enhance functionality. • Collaborating with local communities to rehabilitate boreholes 	20	20	100%
Implementation of Master of Science in Integrated Water Resources Management at Somali National University	<ul style="list-style-type: none"> • -Advertisement of the IWRM Master program • -Enrolment of students • -Launching IWRM Master program • Delivering master courses 	35 students (27 Male and 8 female)	0.9	90% (Graduation will be sept 2024)
Improved water management and livelihood diversification for agro-pastoralists through investment in water resource management infrastructure under IWRM project.	<ul style="list-style-type: none"> • Construction of Flood protection (retaining wall) infrastructure in Beledweyne, Hirshabelle state. • Earthen dam construction in Baidoa, southwest state • Canal rehabilitation in Luuq district, Gedo region. • Feasibility study on hydrogeological assessment for construction of new Earthen Dams in Baidoa district, southwest region and Dusamareb and Banderadley district in Galmudug region 	4	4	100%

Development of the national Hydrological Policy and its road Map as a guidance for implementation.	<p>-guide effective and efficient hydrological service provision to improve service delivery</p> <p>- minimize the impact of climate and weather disasters on the vulnerable communities by developing response systems and standards.</p> <p>-Use timely alerts about any disaster to protect the country's critical infrastructure</p> <p>-Disseminate inform to decision making body for improvement of water resources planning, development and delivery system.</p>	1	1	100%
Water sector governance framework and implementation roadmap under the support of the National Water Resources Strategy Implementation.	<p>-Undertake a review of the current water sector governance</p> <p>-Engage key stakeholders across the water value chain to identify lessons learned, successes, challenges, and opportunities for improvement</p> <p>-Conduct sufficient discussion at the level of Ministries and key stakeholders of national and Federal Member State.</p> <p>-Review international trends in terms of water sector governance</p> <p>-Produce situation assessment report that captures the findings based on desktop review and stakeholder inputs.</p>	1	1	100%
Hydro-Met Capacity Assessment	<ul style="list-style-type: none"> • Mapping Hydrological services • Existing institutional arrangements • Mapping existing hydrological infrastructure • Available finance and sources 	1	1	100%

Capacity development for Integrated Water Resources Management at Federal and Federal Member States in Somalia (Mogadishu, Puntland, Galmudug, Hirshabelle, South West and Jubaland State of Somalia)	<ul style="list-style-type: none"> • -Preparation of Terms and References on Training Workshops • Development of Concept note for Training Workshops at Federal and FMS level • Prepare IWRM material Resources 	6	6	100%
Establishment of Geospatial Technologies at Federal and Federal Member States of Somalia	<ul style="list-style-type: none"> • -Preparation of Technical proposal for establishment of Geospatial technology Unit. • -Procurement of soft and hardware equipment • Implementation of the system 	6	6	100%
IWRM coordination and Leadership engagements at the Federal and FMS level	<ul style="list-style-type: none"> • -Conducting IWRM coordination meetings at the Federal and FMS level 	6	6	100%
Operationalization of water resources information system (Flood forecasting and Early warning system for Juba and Shebelle rivers basins)	<ul style="list-style-type: none"> • Installations of 23 automatic weather stations, four river level sensors, nine automatic rain gauges • Software and server procurement • Data collection and basin delineation • Juba-Shebelle basin modelling (operational model set up for streamflow and precipitation forecasts) • Building a database Centre for model operationalization and data dissemination • Capacity development for senior Hydro-Meteorological department staff. 	28	28	100%
FRISC Early warning messages (pilot Project)- Digniin	<ul style="list-style-type: none"> • Production of early warning messages for specified locations (Beledwayne, Bula-brute) for information on: 	1	1	100%

	<ul style="list-style-type: none">• River level• Rainfall• Flood/drought warning			
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5.Human Resources

The Ministry of Energy and Water Resources of Federal Government of Somalia has a total of 176 employees, where Female employees constitutes 17% and the Male employees represents 83%. Furthermore, a total of 124 of the 176 employees are permanent for the Ministry while the remaining 52 employees are temporary. The following table (table 5:1) presents distribution of the employees assigned department and status.

No	Departments	Permanent Employees	Temporary Employees	Total
1	Admin and Finance Department	46	10	56
2	Planning policy Department	19	10	29
3	Water Department	11	10	21
4	Hydrometeorology Department	10	2	12
5	Energy Department	13	3	16
6	Technical and Regional Coordinator	17	17	34
7	Director General	8	0	8
Grand Total:		124	52	176

Table 5.1: Permanent and Temporary Employees Distribution in all Departments

Furthermore, the following table (**Table 5.2**) also displays project-based employees (**49**) affiliated with donor-funded under the Ministry of Energy and Water Resources.

5.2. Project Based Employees

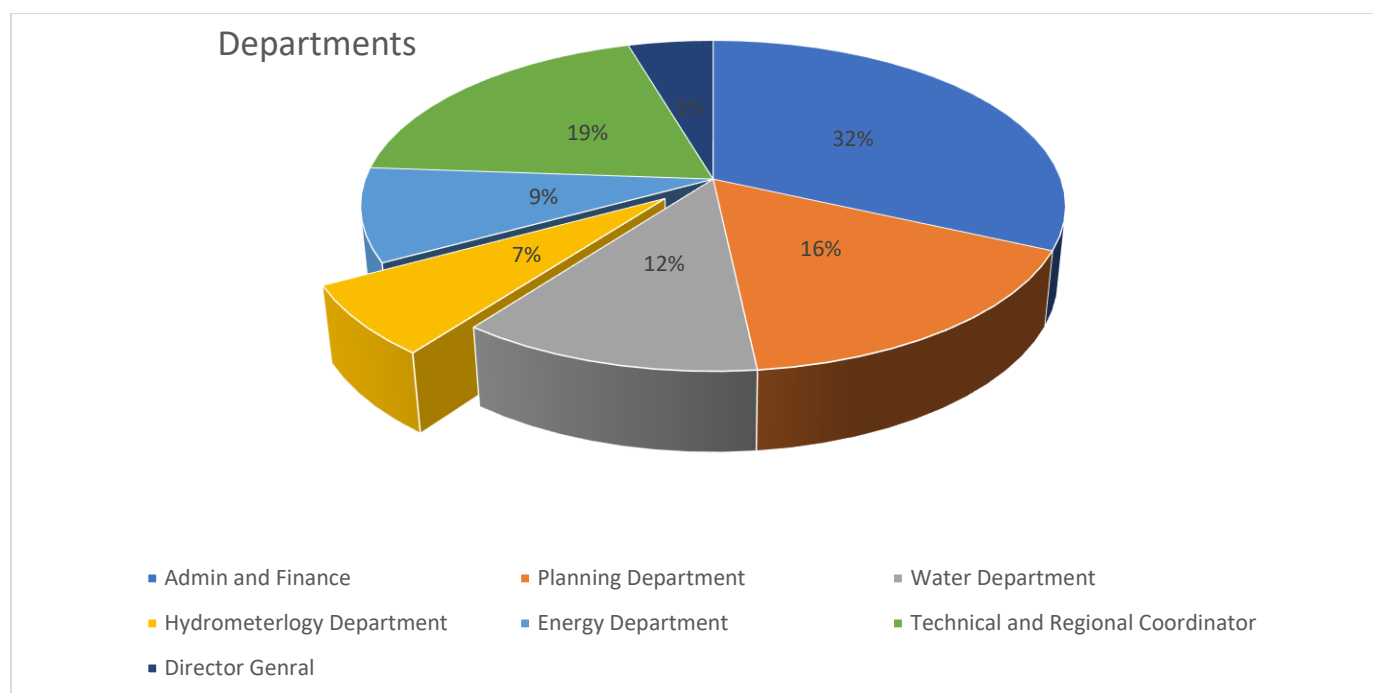
NO	PROJECT NAME	TOTAL STAFF
1	UNICEF	7
2	UNDP (SIDA AND GEF)	8
3	Ground for resilience (GW4R)	9
4	Technical Assistance and Capacity Building (AFDB)	5

5	HAREACT	3
6	SESRP	12
	TOTAL	49

5.3. Employee distribution

Chart. 5.3.1: depicts the distribution of all civil servants' employees in the departments of the Ministry of Energy and water resources according to their job description and assignment.

chart. 5.3.1: Employees vs. Departments



5.4. The Key achievements of Human Resources Department

1. The Ministry of Energy and Water Resources has conducted capacity building training to strengthen and improve the skills of the employees.
2. Job Description for all the employees have been developed and defines clearly their duties and responsibilities.
3. The Ministry has a database, where all the employees' information is stored and kept.

6. Budget and Financial statements with spending

The Ministry of energy and water resources receive an allocation as a budgetary finance from the government every year, thus, the following tables (table 6.1 and 6.2) display description of amounts allocated, expenditure and distribution with codes.

Table 6.1: Budget Allocations, Financial and Statements -vs Actual Spending

Code	Descriptions	Allocations
301	The Ministry of Energy and Water Resources National Budget Allocations	
2100	Adeeqa Shaqaalaha	
2110	Gunnooyinka iyo Mushaaraadka	
2111	Permanent Employees Salary	\$ 795,612.00
2112	Allowance	\$ 422,760.00
2131	Temporary Employees Salary	\$ 257,460.00
2200	Services & Equipment	
2210	General Expenditure	
2211	Utility and Internet Expenditure	\$ 42,000.00
2213	Fuel and Oil	\$ 24,000.00
2214	Repairs and Renovation	\$ 12,000.00
2215	Office Equipment's	\$ 24,000.00
2216	Travel Cost	\$ 22,000.00
	Sub Total	\$ 1,599,832.00

6.2. Expenditures Paid

CODE	HOWLAHA	BIL	SANAD	LA BIXIYAY
2211	Utilities	3,500	42,000	3,500
2213	Fuel and Oil	2,000	24,000	2,000
2214	Repairs and Renovations	1,000	12,000	0
2215	Office Equipments	2,000	24,000	4,000
2216	Travel Cost	1,833.33	22,000	0
	TOTAL	8333.33	124,000	9,500

7. Donor Funded Project under the MOEWRs

Number of donors funded projects are linked to and operated under the name of the ministry while decisions from the ministry require an approval from representatives of the donors, hence, the project names, description, goals and funding entities are summarized in the following table 7.1.

Table 7.1: Donor funded Projects.

#	Project Name	Project Description & Objectives	Project Duration	Funding Sources	Funding	Status
1	Somali Electricity Sector Recovery Project (SESRP)	The Federal Government of Somalia, The Ministry of Energy and Water Resources is implementing Somali Electricity Sector Recovery Project. The Project Development Objective is to increase access to lower cost and cleaner electricity supply in the project areas and to Re-establish the electricity supply industry.	2022 -2026	World Bank	\$150 Million	On-going
2	Somali Electricity Access Project (SEAP)	The Ministry of Energy and Water Resources of Federal Government of Somalia Implemented Somali Electricity Access Project (SEAP) with grant Funding received from the World Bank. The Project Development Objective of Somali Electricity Sector Recovery Project is to expand access to electricity in targeted urban, peri-urban, and rural communities.	2019 -2023	World Bank	\$5,750,000	Completed

3	Households Access to Renewable Energy and advancing cooking technologies (HAREACT)	The Federal Government of Somalia is implementing Households Access to Renewable Energy and advancing cooking technologies project with a grant funding from African Development Bank. The project development objective is to provide off grid electricity access and dissemination of advanced cooking technologies to Urban and Rural communities.	2023 -2026	African Development Bank	\$8 Million	On-going
4	The technical assistance and capacity building Project (TA)	Technical assistance and capacity building for setting up the regulatory authority for the energy sector. The overall objective of this project derives from an acknowledgment of the acute fiscal constraints facing the FGS, the skills shortage, and institutional weaknesses.	2021 -2024	\$1 Million	African Development Bank	On-going
6	Horn of Africa Ground Water for Resilience - GW4R (Abaar-tir)	Component one: Delivery of inclusive groundwater services to priority areas Component two: Generating groundwater information and strengthening regional and national GW institutions Component three: Support for project management, knowledge & operations.	2022-2025	World Bank	30M USD	Ongoing

7	Promoting Resilience through an Integrated Approach	To build targeted capacities, both at the individual and institutional levels, to promote integrated water resource management (IWRM) and to contribute to the strengthening of Somalia's capacity to build water security and bring wellbeing in Somalia	2021-2024	SIDA	1.1M USD	Ongoing
9	Support for Integrated Water Resources Management to Ensure Water Access and Disaster Reduction for Somalia's Agro-Pastoralists	Transfer of technologies for enhanced climate risk monitoring and reporting on water resources in drought and flood prone areas. Improved water management and livelihood diversification for agro-pastoralists. Develop for National water resource management Strategy and Road map Implementation.	2019/2024	GEF	10M USD	Ongoing
10	Kismayo-Baidoa Urban Water Supply and Sanitation Project	rehabilitation and expansion of key water supply and sanitation infrastructure in the two towns, including water and sanitation facilities for Internally Displaced Persons.	May 2021-May. 2024	AFDB	20,000.00	ongoing
11	Climate-resilient Water resource Management in Somalia (CReWr)	<u>Objective indicator 1:</u> Institution building The federal member states of Hirshabelle and Jubaland in collaboration with federal institutions	Nov 2023-Nov 2026	EU/Germany	10 M USD	Ongoing

8.Challenges and Limitations

The Ministry of Energy and Water Resources of Federal Government of Somalia has encountered challenges in delivering the promises made in the last year's commitment letter and provision of the public services in both water and energy sectors.

The Ministry currently works with international partners supporting in both the water and energy sectors, therefore, some of the planned activities have not been delivered due to a bureaucracy and some have been delayed due to some other circumstances from the sides of the development partners. There is also other challenges related to the Ministry's resource mobilization for the planned activities in this year, the ministry will engage with the potential donors and development partners to ensure the most critical priorities in water and energy sectors have the required resources.

9. Conclusion

The Ministry of Energy and Water Resources has made a significant achievement in terms of the activities/deliverable agreed on the commitment sheet submitted to the Office of the Prime Minister which the Minister of the Energy and Water Resources H.E Jama Taqal Abbas and the Prime Minister of the Federal government of Somalia in January 2023. The Ministry has achieved over **76%** of the activities submitted through the commitment sheet and the remaining **24%** will be completed during next **year (2024)**. Besides the delivery of the commitment sheet activities, the ministry, under its mandate, has accomplished **90%** of its planned daily activities for the year 2023.

10.Appendices

- **Detailed data tables and figures**

Table 1.2: display of water well locations and number of beneficiaries

#	Region	City	Name	Household	Activity	Status
1	Hiraan	Mahaas	Ceel Jiqow	380	Rehab	completed
2	Hiraan	Mahaas	Ceelay	300	Rehab	completed
3	Hiraan	Mahaas	Ceel Quruurux	350	Rehab	completed
4	Hiraan	Mahaas	Cali Ganey	4,200	Rehab	completed
5	Hiraan	Mahaas	Duduncad	5,000	Drilled	completed
6	GalGuduud	Adaado	Cadakibir	1,000	Rehab	completed
7	GalGuduud	Adaado	Baliguuleed	786	Rehab	completed
8	Middle Shebelle	Adan Yabaal	Ceel Siyaad	2,500	Rehab	completed
9	Middle Shebelle	Adan Yabaal	Ceel Ciid	2,500	Rehab	completed
10	Hiiraan	Beletweyne, Mahaas	Waradumaale	11,000	Rehab	completed
11	GalGuduud	Elbuur	Biyo Guduud	6,000	Rehab	completed
12	Hiiraan	Mahaas	Duduncad	5,000	Rehab	completed

13	Hiiraan	Moqokori	Ali Hassan	3,000	Rehab	completed
14	Mudug	Haradheere	Mahadale 2	250	Rehab	completed

- photos Selected Samples of photos for the stabilization activities.

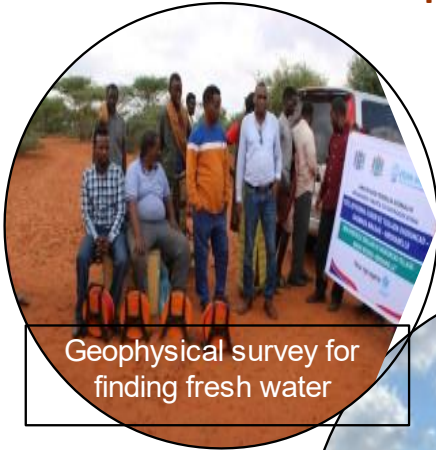
PHOTOS-CADAKABIR BOREHOLE



PHOTOS-CEELEY SHALLOW WELL



PHOTOS-DUDUNCAD BOREHOLE



Geophysical survey for finding fresh water



Pumping Work



Drilling Work





- Additional charts and graphs
- Supporting documents (summary factsheets, briefs etc)