Federal Democratic Republic of Ethiopia
Water Development Commission

Overview of Enabling Environment and Current Implantation of CR-WASH in Ethiopia

September 23, 2021
Adama
Outline

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   • Objectives and Features
   • Selection Criteria for financing
   • Activities considered under the sub-program
   • Budget Required for sub-program

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Introduction


Discussion with DPs, MoF & others, Preparation project proposal for fund raising,
Allocation of Capital budget from Gov., Discussion with Regional Water Bureaus & enterprises

Policy with strategy included in draft Water policy, Full implementation started, Budget from Treasure Gradually increased...

2017

2018

2019

2020-2021
Enabling Environment for CR-WASH

Water Supply and Sanitation Policy and Strategies (Final Draft)

- The overall objective of the water supply and sanitation policy and strategy is to enhance the health, well-being and productivity of the Ethiopian people through provision of access to sustainable, safely managed and climate resilient water supply and sanitation services.

- The water supply and sanitation policy focuses on eight key aspects.

- Each Key aspects(Parts) has its own policy statements.

- Overall there are 45 policy statements.

- Each Policy statements has its own implementation strategies.
Policy focus areas and No. Policy Statements

- Technology, 2
- Service Delivery, 10
- Sustainable financing, 7
- Standards, Guidelines & Codes, 3
- Study, Planning & Design, 10
- Environmental sustainability, 5
- Governance, 6
- Capacity building, 3

Water Supply & Sanitation Policy
CR-WASH  Definition, Policy statement its strategies

❖ **Definition:** Climate Resilient WASH: a system that ensures reliable WASH services in the context of a changing climate.

❖ **Policy aspects (area):** Environmental Sustainability

❖ **Policy Statement:** Ensure water supply and sanitations systems are climate resilient.

**Strategies:**

✓ Identify priority areas that are eligible for climate resilient water supply and sanitation interventions.
✓ Develop climate change adaptation plans for water supply and sanitation systems.
✓ Establish a CR-WASH unit at appropriate level and develop a business plan.

• The issues of CR-WASH included in other policy areas and statements in different ways, for instance, as strategy in some aspects.
Other supporting documents

- Development of Sustainable Water Supply, Sanitation and Hygiene Program in Drought Prone Areas of Ethiopia, sub-programme document, Final Version, November 2017, MoWIE
- Revised One Wash National Program Document, 2017-2018
- Climate Resilient WASH sub programme FEASIBILITY Analysis and Planning, September 10, 2018, MoWIE
- OWNP-CWA Program Operational Manual
- CR-Water Safety Plan Strategy document
Why CR-WASH?

- About 60% of Ethiopia is characterized by
  - high climate variability, unreliable rainy seasons
  - frequent drought in most part and occasional flush flood,
  - arid or semi-arid conditions, scarce vegetation coverage

- Arid and semi-arid areas are characterized by:
  - unreliable and insufficient water supply sources
  - inadequate Water Supply, Sanitation access in most areas
  - loss of livestock and livelihood due to lack of sufficient water during drought years
  - insufficient water quality and prevalence of water borne diseases including the AWD
  - Despite a lot of improvement during the past decade, there are still significant inequalities to be strategically addressed
...cont’d

Definition

- **Equity** is the absence of avoidable or remediable differences among groups of people, whether those groups are defined socially, economically, demographically, or geographically (WHO, 2014).

- For WSPs, equity means **fairness** including meaningful participation of, and benefits for, all groups. Equity refers to the provision of varying levels of support—based on specific needs—to achieve greater fairness of treatment and outcomes.

- **Equity seeks to ensure that everyone receives safe drinking water, recognizing existing differences in community.**

- Treating everyone the same (**equality**) does not mean that safe water will be provided to all, since not all start from the same place and their needs and interests are different.
Inequalities in Service Delivery

- **Rural water**
  - Access to improved water sources in **pastoralist** areas is 2/3rd of that of **agrarian areas**

- **Rural Sanitation**
  - Latrine coverage in **Emerging regions** is half that of access in the **bigger regions**

- **Urban water**
  - Wealthier households are nearly **4 times** more likely to have access to piped water on premises than **poorer households**

- **Urban Sanitation**
  - Households in the **wealthiest quintile** are **6 times** more likely to have an improved latrine than those in the **poorest quintile**

*Source: WB (2017), WASH (Poverty Diagnostic Report)*
...cont’d

✓ inadequate capacity and water institutions for operation, maintenance and further development of water sources

Based on above facts, the Gov. Has initiated and developed the CR-WASH sub-program under OWNP to address the issues through climate resilient intervention
Mapping of CR-WASH Woredas

- The **32 indicators** used to classify the hotspots in four categories include: health and nutrition, agriculture, market, water supply for human consumption, education, and flood prevalence…

- The Mapping done basically based:
  - ✓ (i) Hotspot (woreda of Concern Classification Guideline), Ministry of Agriculture, May 2014;
  - ✓ (ii) Joint Government Humanitarian Partners National Flood Contingency Plan, the NDRMC-led Flood Task Force (FTF), July 2018; and
  - ✓ (iii) abbreviated WASH baseline data, July 2018
Drought Prone Woredas based on priority
## Number of Drought Prone Woredas by Region

<table>
<thead>
<tr>
<th>Region</th>
<th>Drought Classification</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Priority one (P1)</td>
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<td>Priority two (P2)</td>
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<td>Priority Three (P3)</td>
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<td>Tigray</td>
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<tr>
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<td>Afar</td>
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<td>9</td>
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<tr>
<td>Somali</td>
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<td>26</td>
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<td><strong>Total</strong></td>
<td><strong>192</strong></td>
<td><strong>173</strong></td>
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</table>
CR-WASH Objectives

Objective is to contribute to improving the health and well-being of rural and urban people in arid and semi-arid zones by increasing water supply and sanitation access and adopting good hygiene practices in an equitable and sustainable manner under the umbrella of One WaSH National Programme (OWNP).
CR-WASH features

- Use of reliable and Climate Resilient water sources (deep groundwater, reliable surface water, etc.) for multi-villages/kebeles/woredas
- Water source investigation with the state of the art methodology of study and use of modern technologies,
- Provision of water not only for humans as well for livestock,
- Well organized implementation capacity (federal and region level).
- Well organized O&M management and support system (federal, region, and scheme level: rural water utility),
- Integration and cooperation with sectors like agriculture, livestock development, etc. in addition to the commonly known WaSH stakeholders

Intervention steps to be involved
Selection Criteria for Financing

- **Drought/ flood prone/WASH hotspot Woredas**: These are Woredas classified as priority 1 hotspot areas.
- **WASH access coverage**: Status of the WASH coverage in the woreda and level of demand.
- **Readiness**: Water resource studies have been prepared or are at an advanced stage; ideally, a feasibility study in the proposed woreda includes project proposals with identified, sustainable and resilient water sources.
- **Fund availability**: Demonstrated need that a viable technological option requires additional funding beyond allocation through a block grant (government fiscal transfer system).
- **Un-served population size**: A large share of the total woreda population is without access to WSS services.
- **Availability of other major investments in the woreda**: The mapping activities of other WASH sector stakeholders in the woreda would avoid duplication and save funding from other project components.
Activities covered under the sub-program & Budget

Core activities

- Prioritize Climate Resilient WASH development for chronically drought-prone areas.
- Focus on Disaster Risk Reduction rather than Disaster Management
- Integrate CR- WASH with water conservation and catchment management to ensure sustainability
- Establish post-construction support units as in OWNP – particularly for MVWS
- Capacity Building using regional universities and TVETCs
- Sub Program must be linked with livestock, agro-industries to ensure ability to pay for water
- Promote and strengthen credit and savings associations
- Enhance economies of scale for cost-effectiveness by using MVWS for clusters of villages
- Used coordinated graduate youth groups to support management of MVWS.
- CSOs and development partners should mobilize their own resources and align with these projects wherever possible ensuring joint reporting and monitoring.
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Budget Required for Sub-program

- Financial requirement for climate resilient WASH(CRWASH) is estimated by per capita cost of Rural piped scheme for multiple villages, livestock watering, distance, infrastructure, labor availability, technology, borehole depth, etc.

- A total of about 5 billion USD or about 0.625 billion USD per annum which is 1.09% of the GDP is required for arid and semi-arid areas of the country.

- Estimated funding requirement is about 12% of what the country requires for SDG WASH development.
There are 82 active projects under different implementation status.

The Sub-program has planned to benefit about 2.8 Million peoples living in the project area & its surroundings when fully completed (1.2 million OWNP-CWA-II & 1.6 Million by Government Capital Budget).

Total Budget allocated = 14 billion ETB (8.5 B ETB from Government Treasure and 5.5 B from CWA-II).

Most of the project areas categorized under Priority 1 Woredas.

MoH & MoE have involved in institutional sanitation and Hygiene activities as per MoU signed among WASH Ministries in 2012.
<table>
<thead>
<tr>
<th>S.No.</th>
<th>Region Name</th>
<th>Under S &amp; D, Source Development &amp; Procurement</th>
<th>Under procurement for Civil works and Construction</th>
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Thank you for your Attention !!!