

Water Supply & Sanitation Sector: Developments & Challenges



“Leaving no One Behind”



“ማንም ከመጠጥ ውሃና ሳኒቴሽን ሊገለል አይገባም”



World Water Days' Moto since 1994

- 1994:- Caring for our Water Resources is Everybody's Business
2 Billion was without access to water of 5 B
- Women and Water
- Water for Thirsty Cities
- The World's Water: Is there enough?
- Groundwater
- Everyone Lives Downstream
- Water for the 21st century
- Water for Health
- Water for Development
- Water for Future
- Water and Disasters

Water for Life Decade 2005–2015
Water and Culture
Coping With Water Scarcity
Sanitation
Trans Waters
Clean Water for a Healthy World
Water for cities
Water and Food Security
International Year of Cooperation
Water and Energy
Water and Sustainable Development
Better Water, Better Jobs
Why Waste Water?
Nature for Water
2019 – Leaving no one behind

2.1 Billion was without access to water of 7 B

“Leaving no one behind”

Education, economy and social involvement



The reason why our body needs water



“Leaving no One Behind”

- This is the essence of the commitment of the 2030 Agenda for Sustainable Development, which aims to allow all people in all countries to benefit from socio-economic development and to achieve the full realisation of **human rights**, without discrimination on the basis of **gender, age, race, language, religion, political (or other) opinions**, national or social origin, property, disability, residency status (including citizenship, residency, immigration, refugee, statelessness, etc.)



SUSTAINABLE DEVELOPMENT GOALS

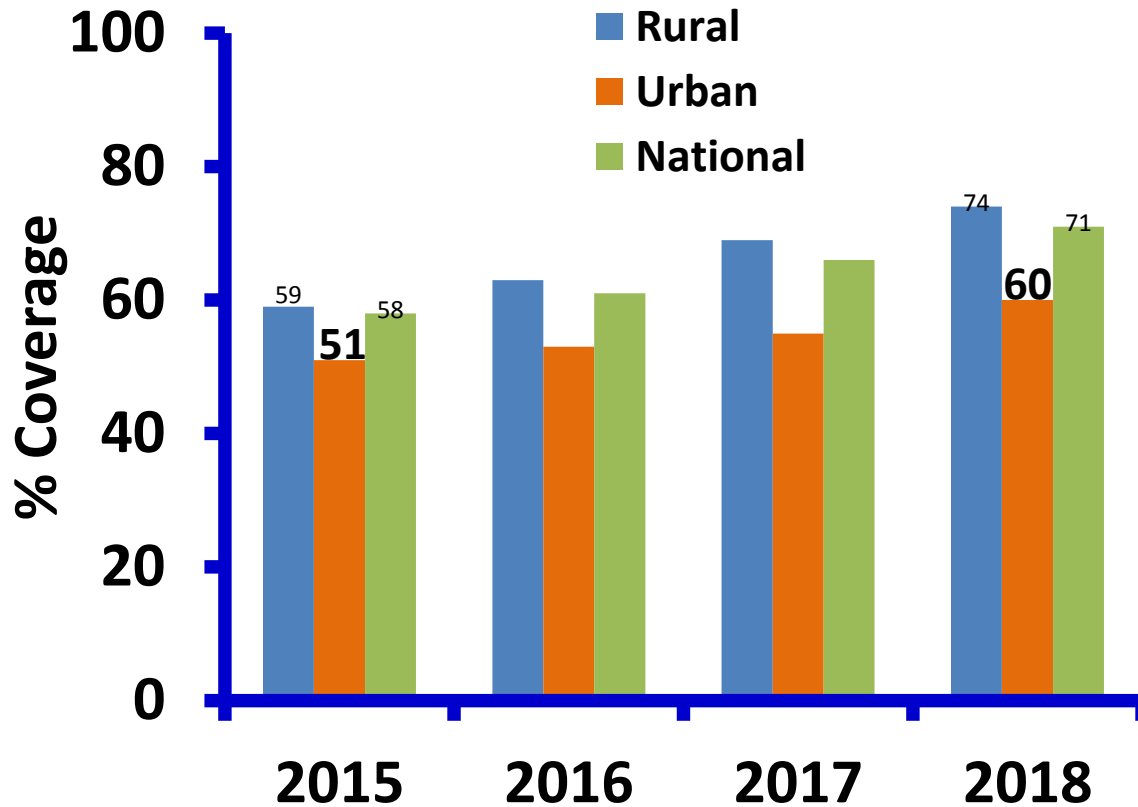
1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	 SUSTAINABLE DEVELOPMENT GOALS

Global Facts and Figures today

Source: <http://www.un.org/en/events/waterday/>

- **2.1 billion people** live without safe water at home
- One in four primary schools have no drinking water service
- More than **700 children** under five years of age die every day
- 80% of the people who uses unsafe and unprotected water sources live in rural areas.
- Around **4 billion people** –experience severe water scarcity during at least one month of the year.
- 700 million people worldwide could be displaced by intense water scarcity by 2030.
- Women and girls (80% HHs) are responsible for water collection with water off-premises

National Context



- > 30 % still have no adequate access to safe water.
- Arid and semi arid areas highly endangered.

The OWNP-CWA –Phase I

- Strategically well defined to align with GTP & SDG.
- Serious follow up & monitoring scheme by DPs
- Accounted a unique program in the sector worldwide and has been drawing attention

Category	Target Popn	Achievement	%achievement
Rural WASH	3.8 m	3.6 m	95 %
Rural Sanitation	3.0 m	3.5 m	118 %
Urban WASH	2.1 m	0.42 m	19 %
Urban Sanitation	0.15 m	0.047 m	60%

CR-WASH

Study & Design Undergoing in 6- Regions

Afar – Bidu Area MVS

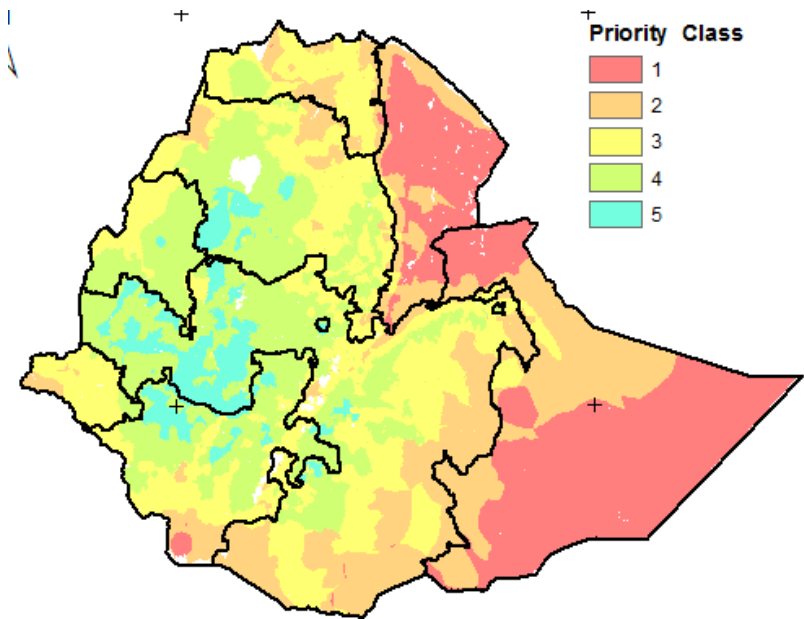
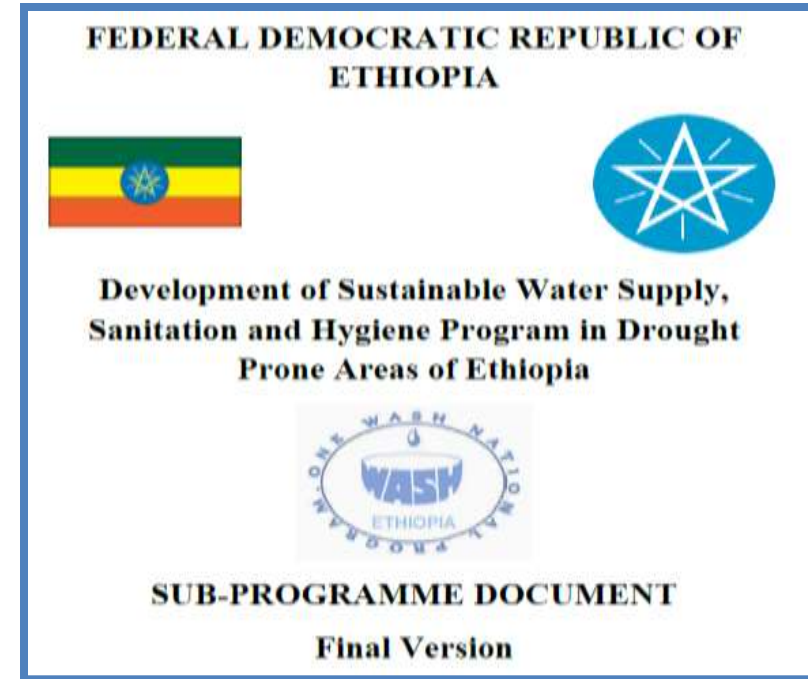
Tigray- Taitai Aber-Gelena Tola Temben MVS

Ethio-Somale – Gurada Mole MVS

Amhara- Lezu-Hamusit MVS

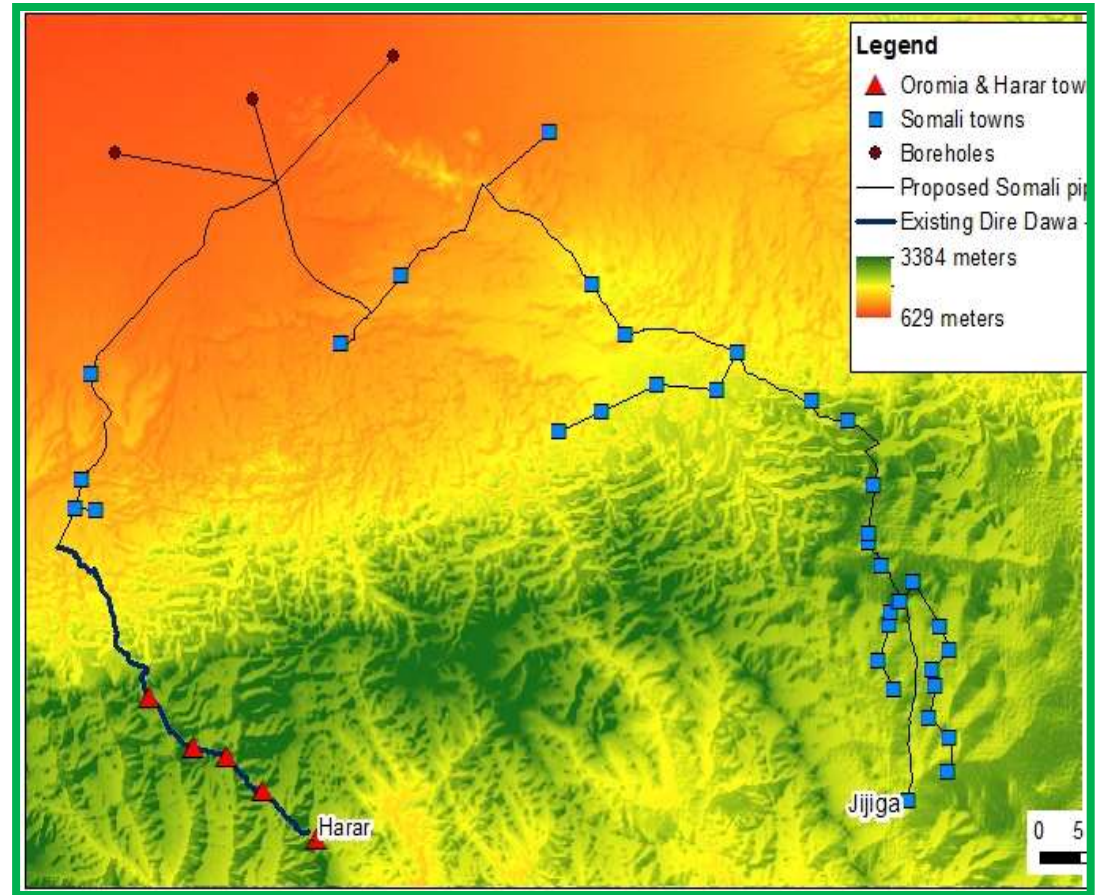
Oromia – Bale Area MVS

SNNPR- Sankura Area MVS



CR-WASH ...

- The Shinile-Diredawa-Harar-Jigjiga MV Network through DANIDA Financing Scheme.
- The Borena Area Network



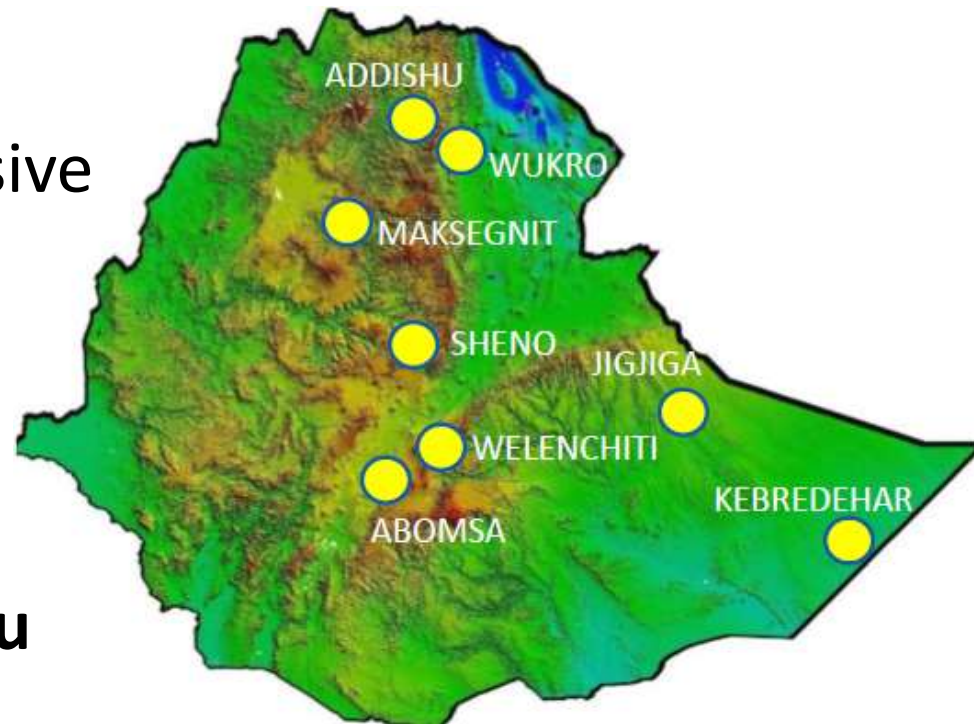
Sanitation (Urban & Rural)

ODF



Big Lessons from Small Towns: One WASH PIUS

- Strategic Shift in WASH Service Delivery:
- An integrated and inclusive approach
- **Oromia** – Welenchiti, Sheno , Abomsa
- **Amhara**- Makisegnit
- **Tigray** - Wukiro , Hadishu
- **Harari**- Jigjiga
- **Somale**- Kebiredehar



An example of The World Water Day Theme 2019

Service Delivery Improvements: an Urban setting

- Poor Service delivery and technical inefficiency is a common practice in most secondary towns.
- However , there are exemplary urban WSS utilities.
 - Modernized billing System, increased income, Infrastructure investment, watershed mgt, Water Quality,
 - Kombolcha & Dessie (Amhara Region)
 - Hassaina, Butajira, Soddo,Yirgalem (SNNPR)
 - Ambo (Oromia)
- Scaling up – immediate intervention !

Major Challenges of the sector

- Limited Sector Capacity
- High rate of mal-functionality (> 11- 20%)
- Increased urban NRW (~ 40 %)
- Dropping dynamic water level in DBH
- Drying shallow wells/springs in many instances.
- Unaffordable and an reliable power costs for rural

Major Challenges of the sector...

- Climate change and its ensuing effects on WS
- Poor Water Quality
- High investment required
- Sanitation Overlooked !
- Poor private Sector (contractors & Consultants) performance
- Lack of efficient domestic DBH drilling company
- FOREX



Thank you

