

National Cholera Plan (NCP)

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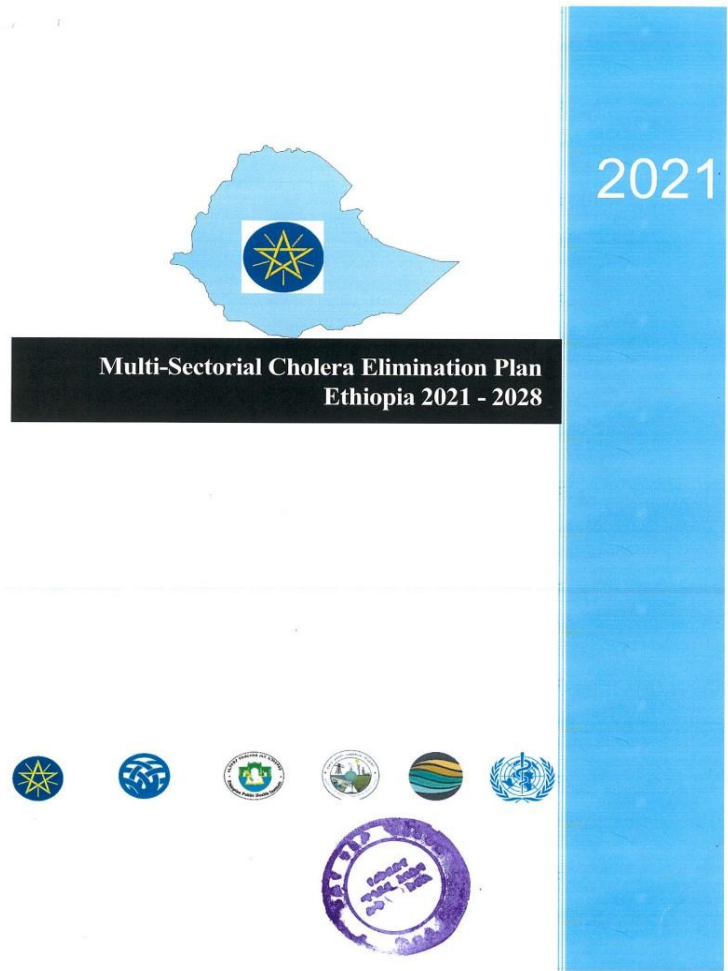
Public Health Emergency Operations Center

Outline of the presentation

- Introduction to NCP
- Hotspot identification
- National Situation Analysis by pillars
 - Elimination Plan Targets by pillars
 - Monitoring and evaluation

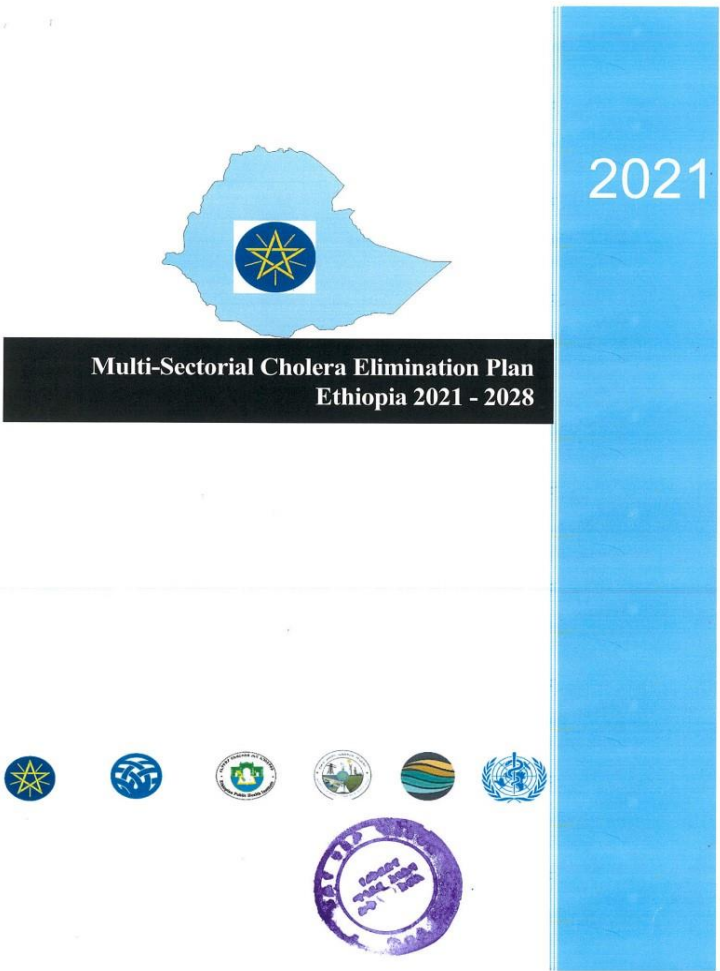
National Cholera Plan

- WHO Member States, passed a resolution at the 71st World Health Assembly in 2018, committing to the ***Global Roadmap for the Control and Elimination of Cholera.***



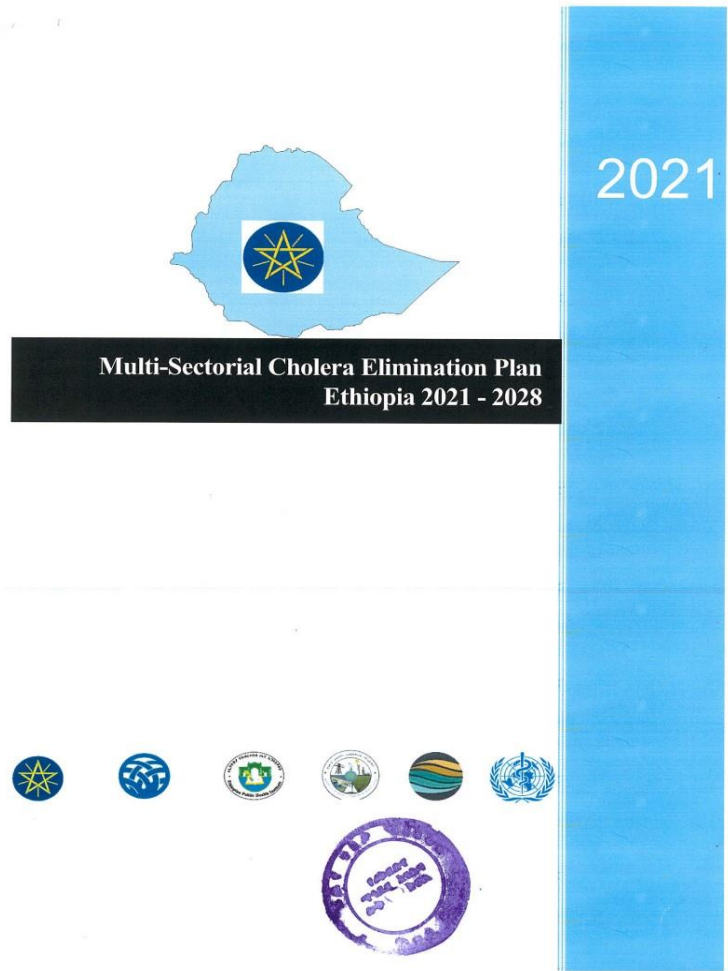
National Cholera Plan

- On July 2019, high level governmental meeting was conducted Chaired by HE Dr Lia Tadesse and called up on the development National Cholera Elimination Plan (2021 – 2028)



National Cholera Plan

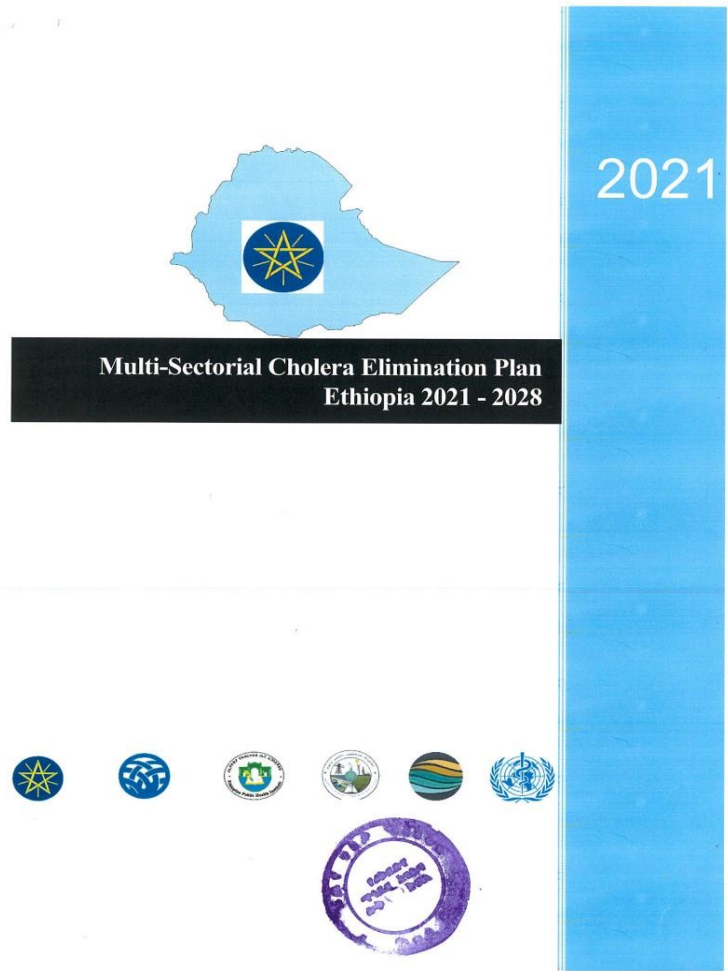
- Ethiopia developed **the strategic document**.
- The naming of the document “**National Cholera Plan**”
- NCP aim at reducing the mortality from cholera by 90% by 2028
- **NCP has six Pillars :**



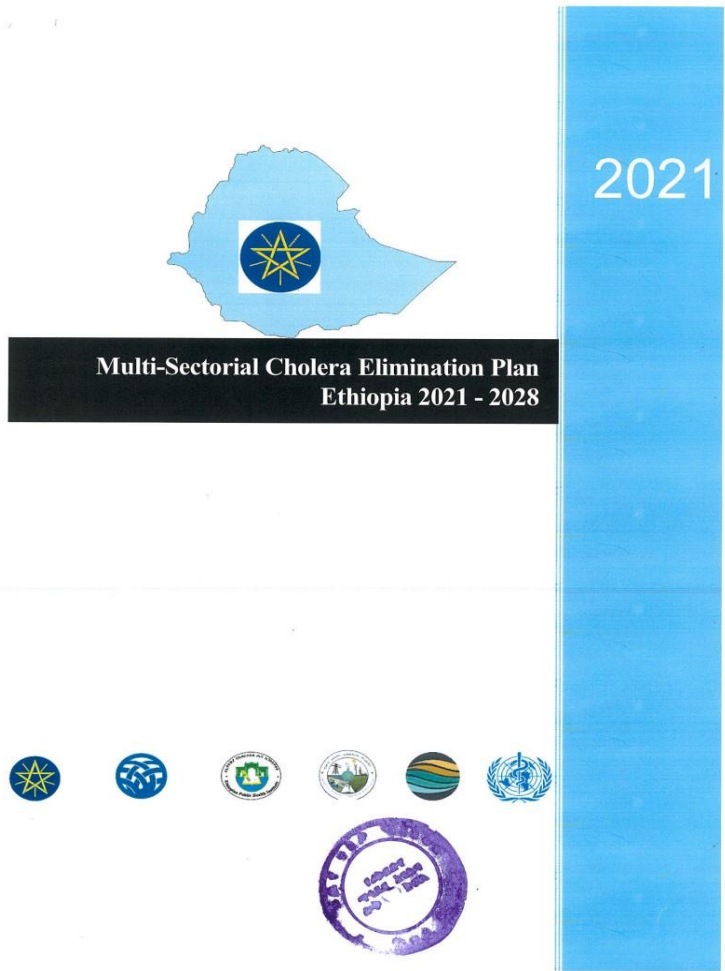
Pillars/National Cholera Plan...

Elimination Strategy by Pillar

- The Ethiopian strategy is derived from the Global Roadmap and is Multi sectoral:
 - Leadership and Coordination
 - Water, Sanitation and Hygiene (WASH)
 - Surveillance and Reporting
 - Use of Oral Cholera Vaccine (OCV)
 - Healthcare System Strengthening
 - Community engagement




Hotspot woreda I dentifications/National Cholera Plan...




- This pillars are to implemented in the “Hotspot woredas”
- Hotspot woredas were identified by Mean annual incidence and mean annual persistence over the period of 2015 to 2020.
 - An incidence rate of above 100 cases per 100,000 populations was considered as **high incidence**.
 - Occurrence of cases in 5% or higher of weeks under consideration was considered as **high persistence**.

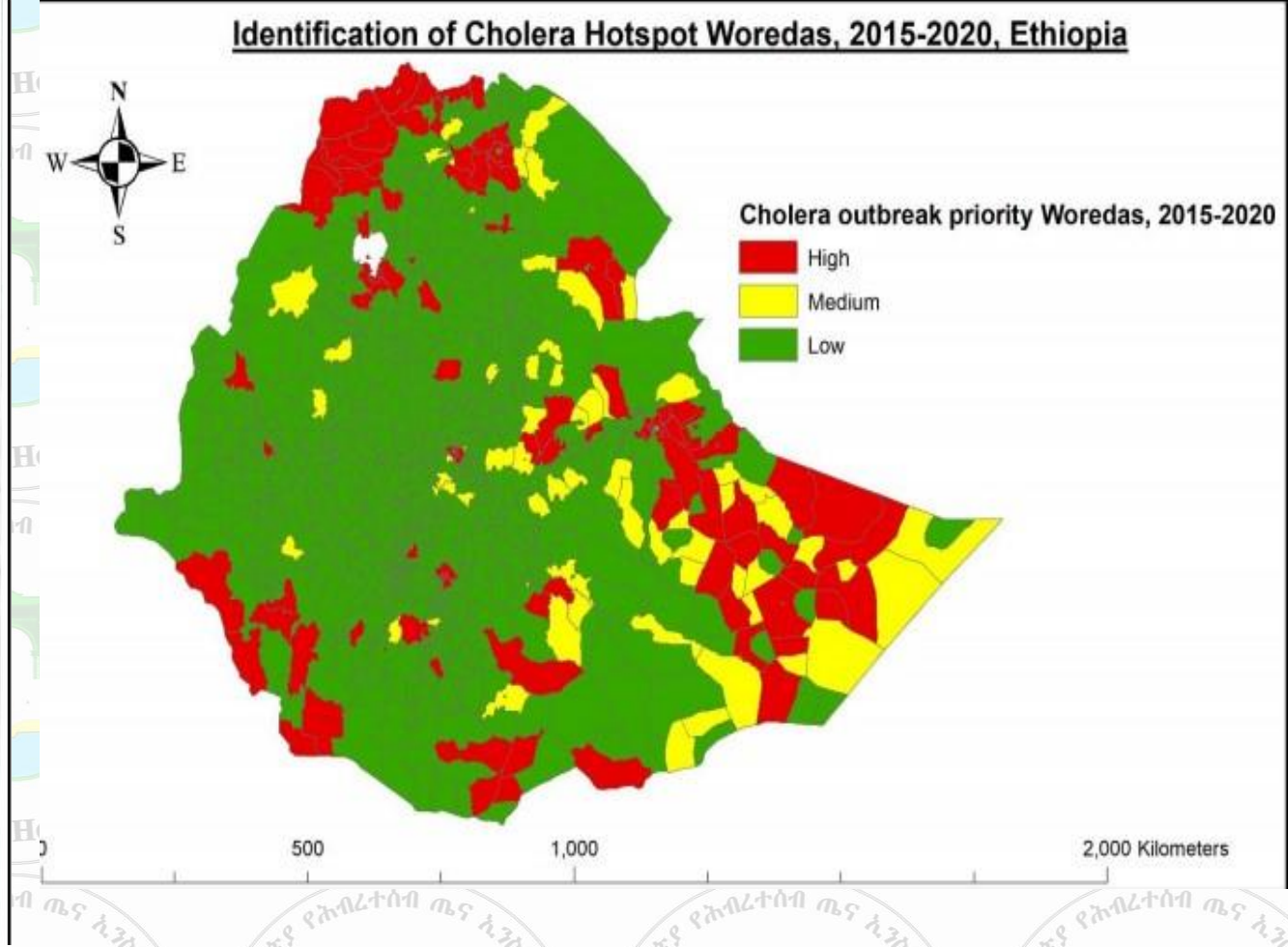
Hotspot woreda I identifications/National Cholera Plan...



Multi-Sectorial Cholera Elimination Plan
Ethiopia 2021 - 2028

2021



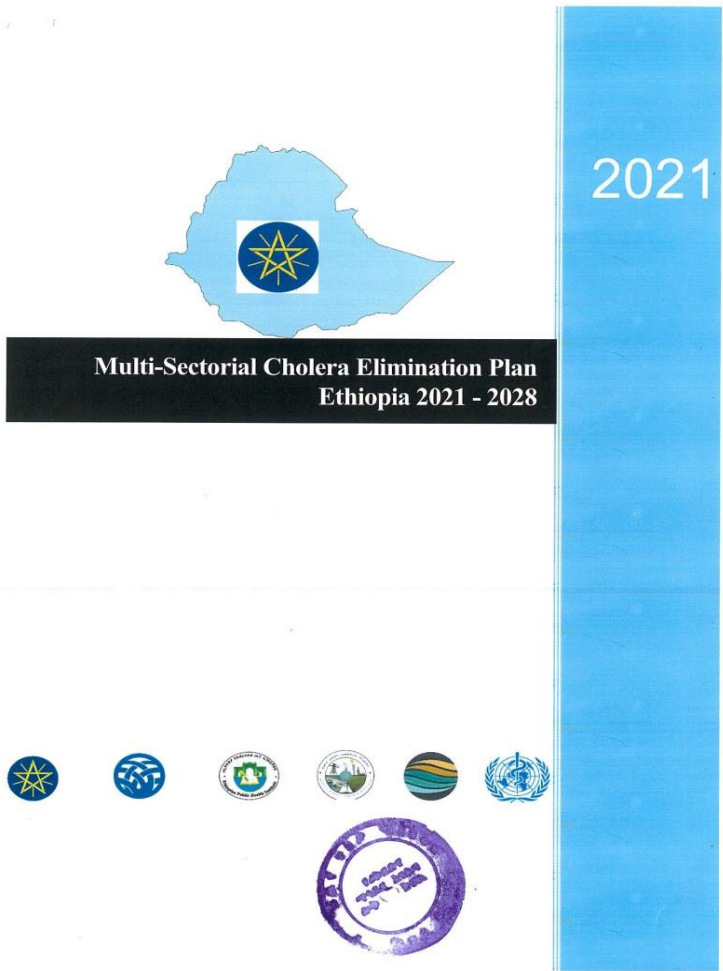


- The Red highlight is Hotspot one woredas
- Total of **118** woredas within more than **15,938,575** populations have been included through the Country

National Situation Analysis/National Cholera Plan...

Leadership and Coordination

- Currently the Coordination activities of cholera Preparedness and Response is coordinated by PHEM/EPHI
- The center provides
 - technical
 - material support
- before, during, and after public health emergencies.



National Situation Analysis/National Cholera Plan...

Surveillance and Reporting

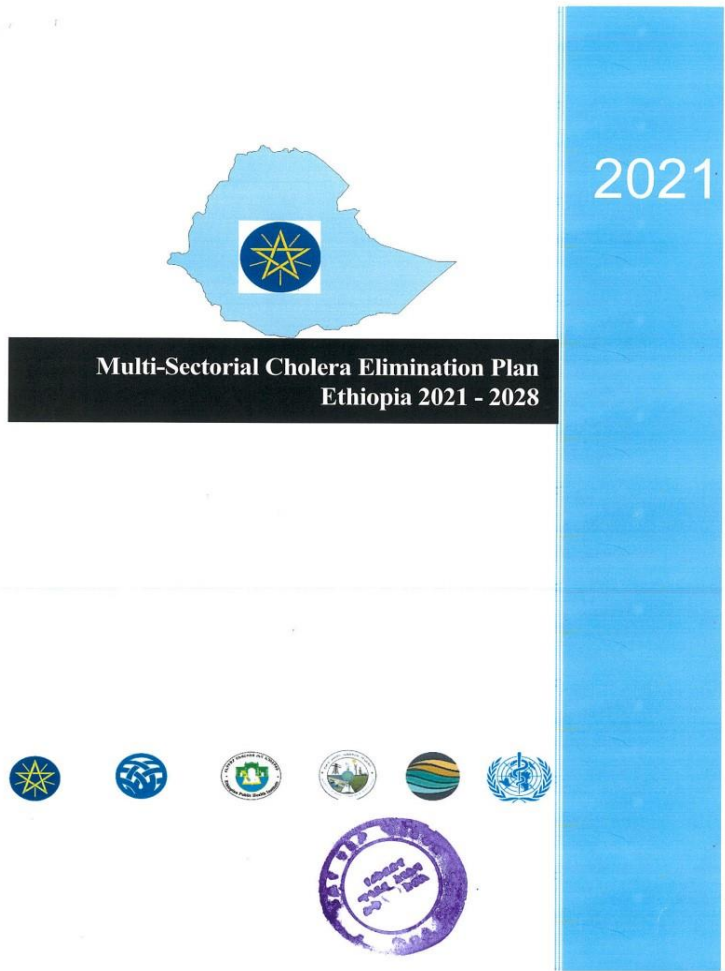
- Cholera is one of the immediately reportable diseases in Ethiopia
- Report is sent to next health system level within 30 minutes of detection and is suppose to be reported to EPHI with 2 hrs.
- Currently cholera is being detected by Indicator Based Surveillance and Community based surveillance.
- Climate Sensitive Diseases surveillance is being initiated as supplementary.
- RRT has been established from national to woreda level.
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Multi-Sectorial Cholera Elimination Plan
Ethiopia 2021 - 2028

National Situation Analysis/National Cholera Plan...

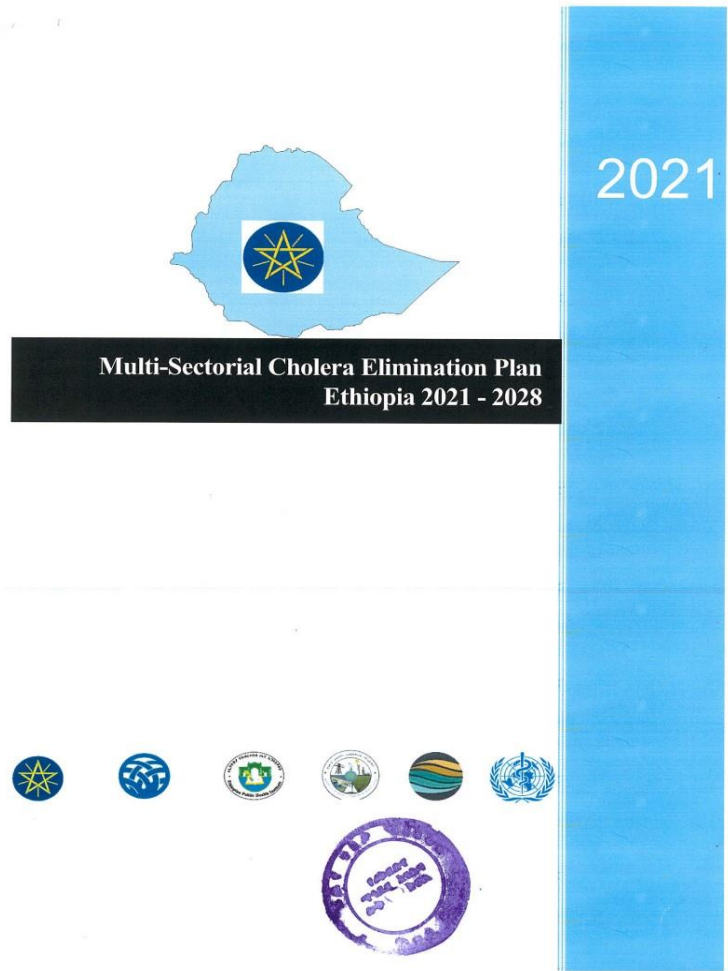
Surveillance and Reporting



- Total of 10 laboratories across in 6 Regions are capable of doing
 - Stool culture
 - Polymerase Chain Reaction (PCR) and
 - Antimicrobial sensitivity test for cholera
- National Laboratory of EPHI serves as the reference lab for all regions
- There is national environmental laboratory located at EPHI to test all environmental samples.

National Situation Analysis/National Cholera Plan...

Case Management and Infection Prevention and Control



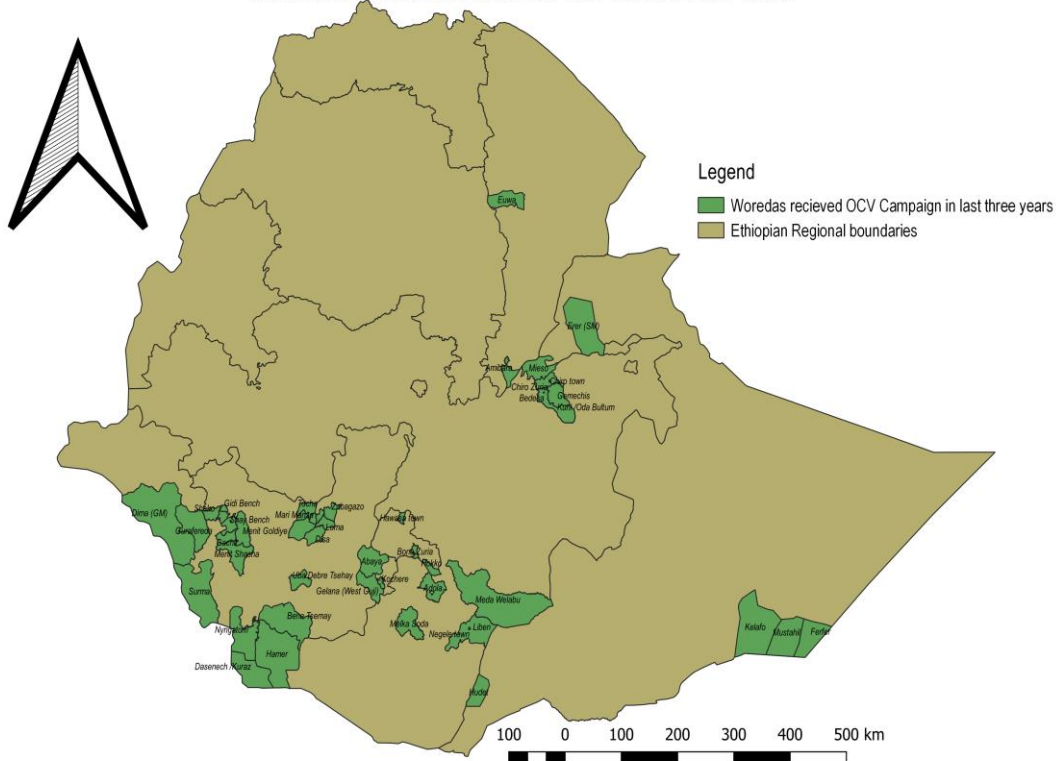
- Goal of Cholera case management is to decrease CFR < 1% and improve IPC at all levels
- In 2019 CFR was 1.9% and 2020 1.8% due to
 - Poor infrastructure lead to substandard case management
 - Poor health seeking behaviors
 - Inadequate supplies

National Situation Analysis/National Cholera Plan...

Use of Oral Cholera Vaccine (OCV)

- Since 2019 ,a total of three rounds of OCV campaign have been conducted with 97% coverage
- Total **5,328,282** OCV doses have been received from ICG over the last three years
- Total of 5,185,220 population were vaccinated from
 - 45 Woreda
 - 6 Regions
- On preparation face for Tigray Region

Woredas that have recieved OCV over the last three Years



National Situation Analysis/National Cholera Plan...

Water, Sanitation, and Hygiene (WASH)

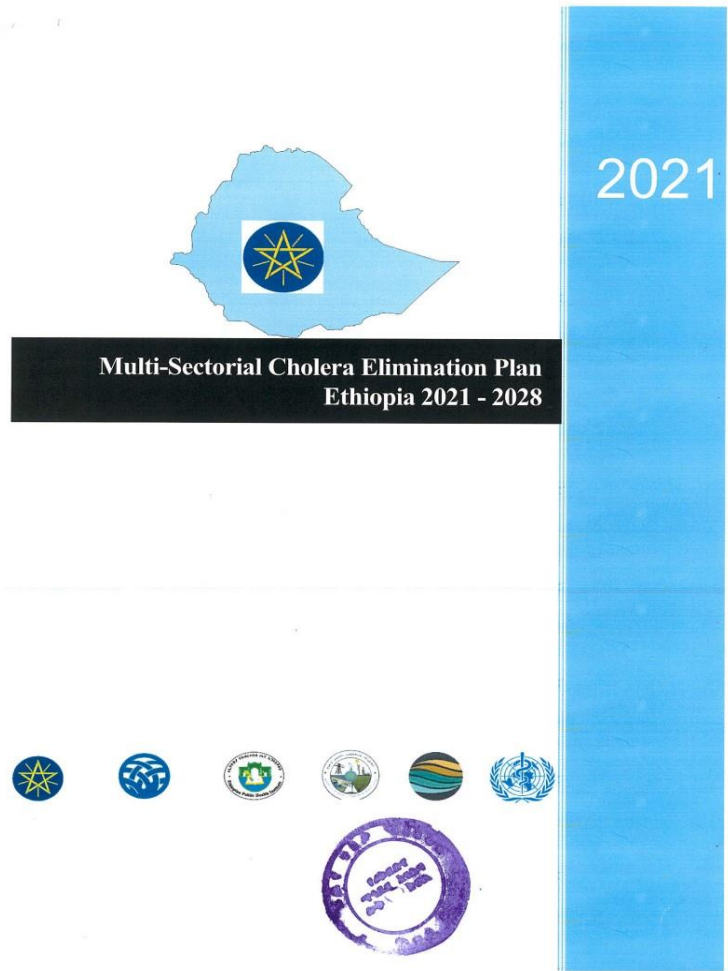
- The general population has poor access to safe and adequate water and basic sanitation facilities, and the situation is worse for those in rural areas.
- Only 7% people has access to clean water and 6 % of people have access to improved sanitation

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Multi-Sectorial Cholera Elimination Plan
Ethiopia 2021 - 2028

National Situation Analysis/National Cholera Plan...

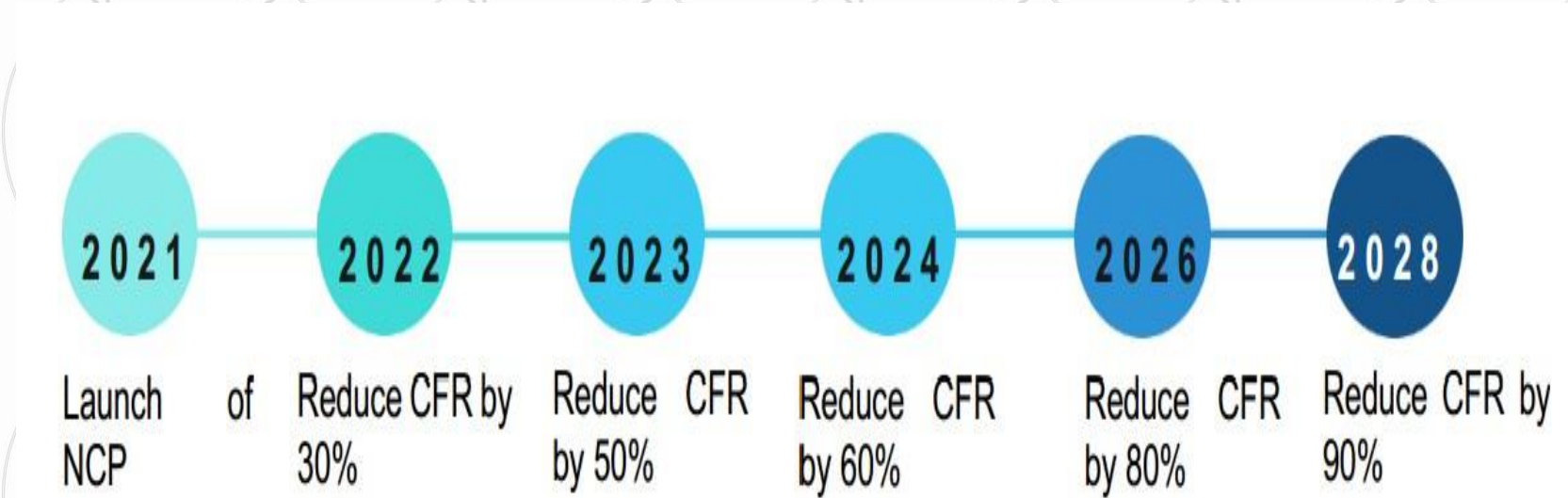
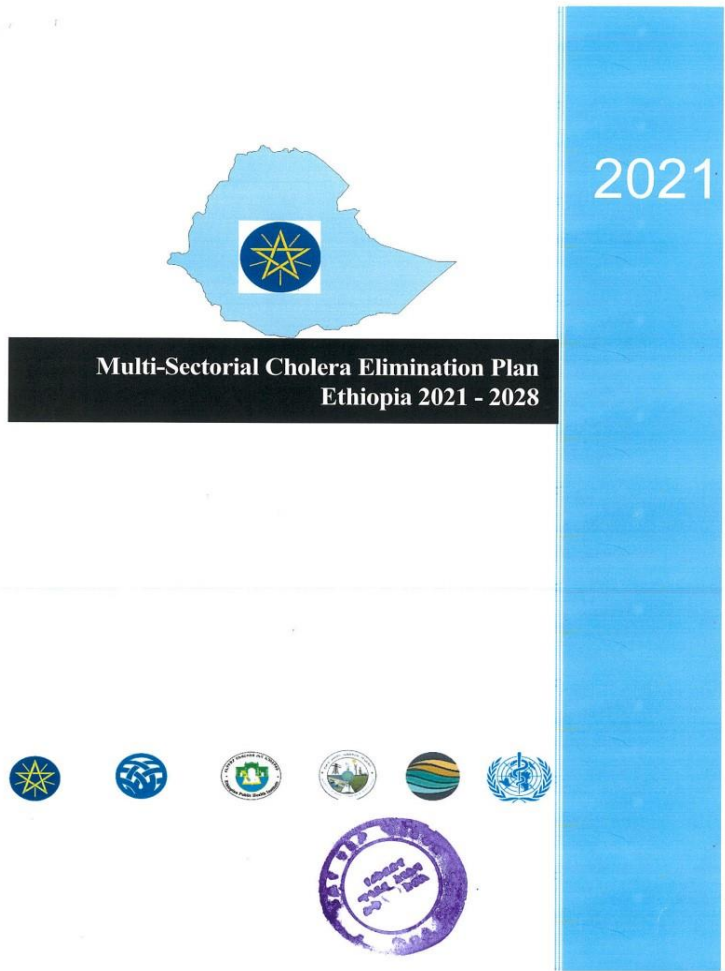
Community Engagement



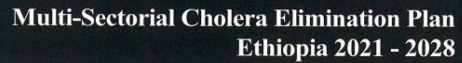
- Information on cholera is being communicated to people through
 - Mainstream media outlets
 - Mega phones
 - FM radios
 - Religious places
 - Banners, Brochures
- Despite this vast effort We could not able reach Majority of our community (Rural where active outbreak is repeatedly reported)

Elimination Plan Targets/National Cholera Plan...

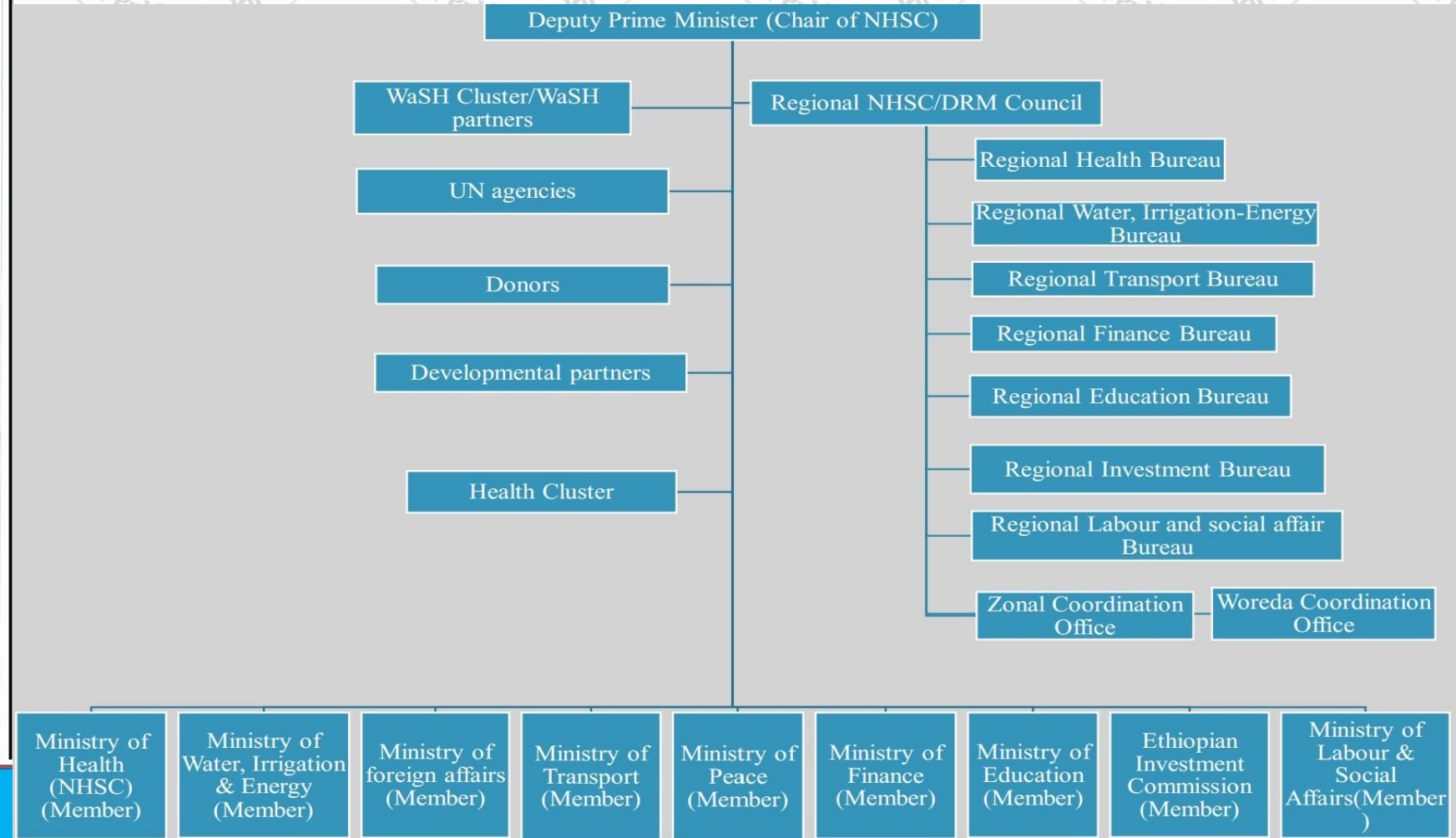
- Through this strategic plan ,Ethiopia has planned to decrease mortality by 90%



Leadership and Coordination



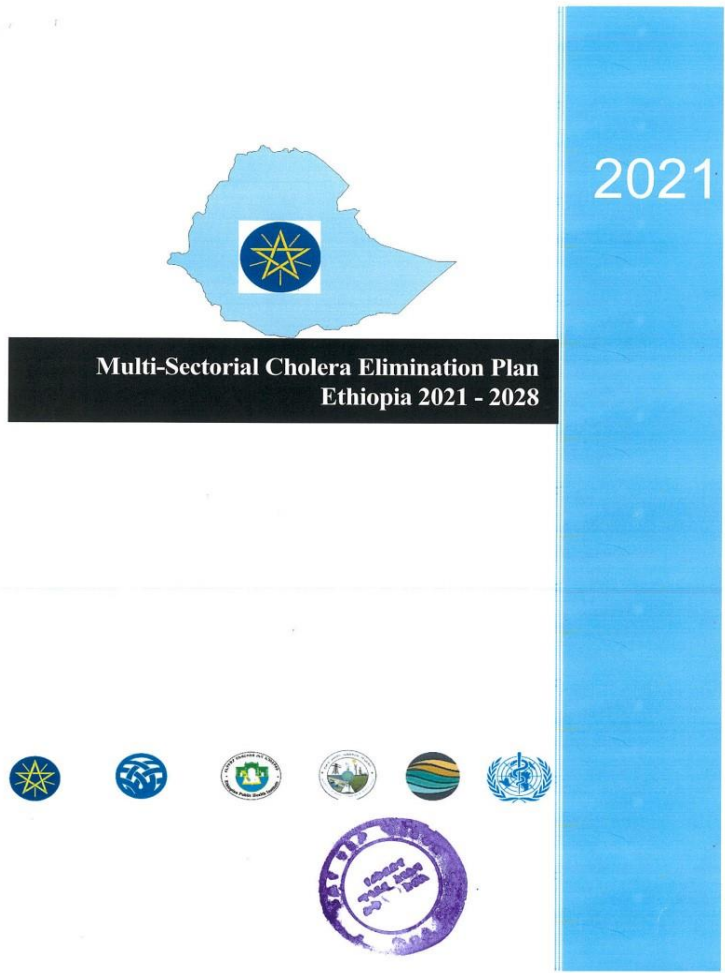
2021



Elimination Plan Targets/National Cholera Plan...

Surveillance

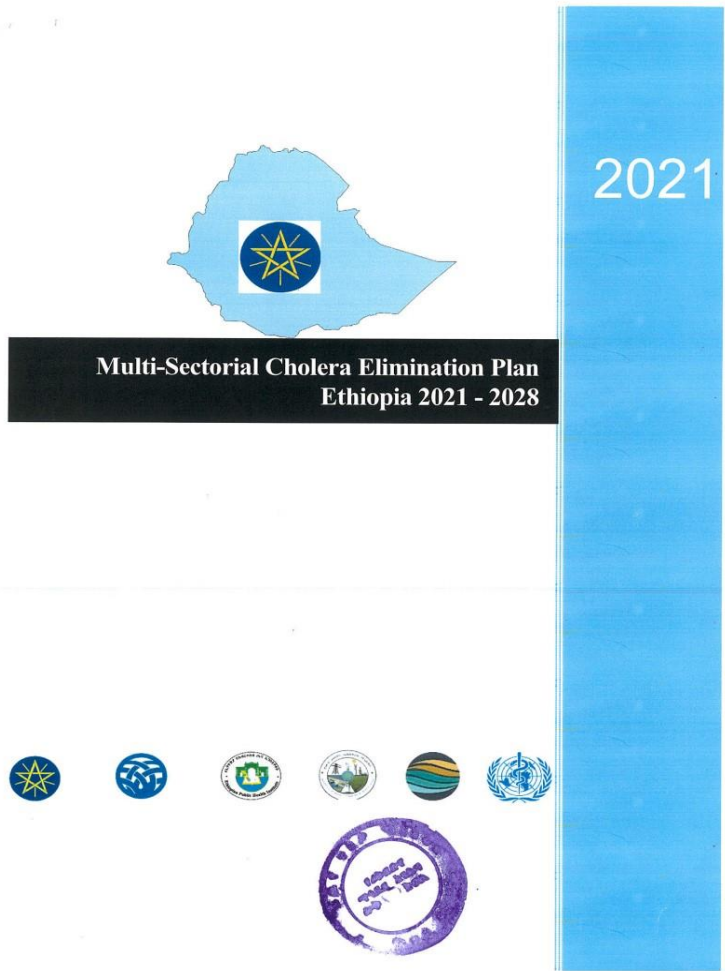
- Surveillance will continue through the existing system(DHIS2)
- Two strategic Objectives:
 - To enhance early detection, confirmation, reporting, and timely response to cholera outbreaks and monitoring the impact of the cholera control program.
 - To enhance laboratory capacity for confirmation of cholera cases, assessment of antibiotic susceptibility of the bacteria and tracking strains.



Elimination Plan Targets/National Cholera Plan...

Case Management and Infection Prevention and Control

- The goal of Case management and IPC :reducing CFR by 90% and ensure that there is no local transmission reported
- Through three strategic objectives:
 - Increasing the accessibility of early treatment
 - Strengthen health care systems
 - Strengthen capacity for cholera case management



Elimination Plan Targets/National Cholera Plan...

Use of Oral Cholera Vaccine (OCV)

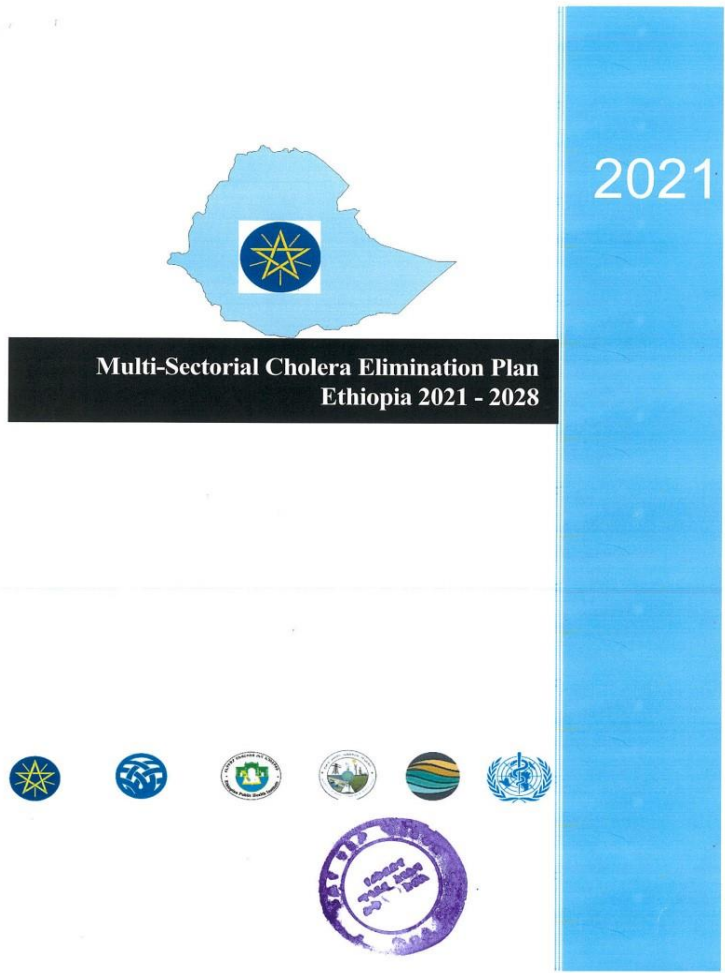
- The administration of OCV will be conducted in cholera hot spot woredas(as both preventive and Reactive)
- Vaccine will always be in conjunction with the other preventive and treatment methods
- Eligible population will be age >1 year ,accounting of 80% of hotspot woreda populations
- The implementation will be phase based

	Implementation Year					
	2021	2022	2023	2024	2025	TOTAL
Target Population	3,031,267	2,998,115	3,001,158	2,972,525	3,488,851	15,491,916
OCV Doses Required	6,062,534	5,996,231	6,002,317	5,945,050	6,977,702	30,983,834

Elimination Plan Targets/National Cholera Plan...

Use of Oral Cholera Vaccine (OCV)

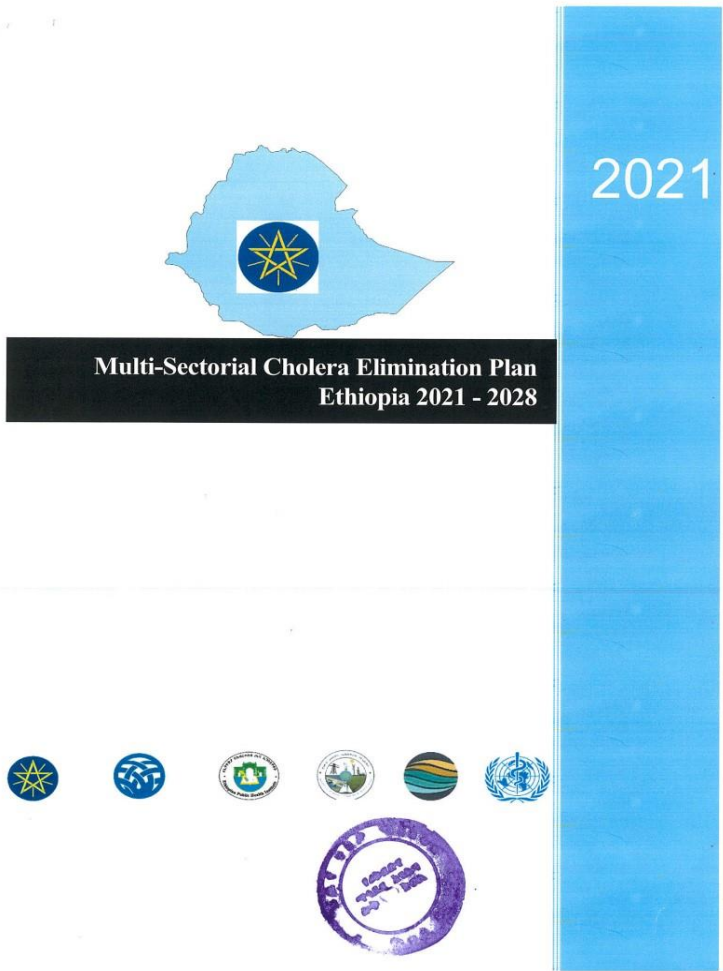
- Three strategic objective:
 - To implement **reactive** large-scale mass vaccination with coverage >90%
 - To implement **Preventive** large-scale mass vaccination with coverage >90%
 - To establish contingency agreements with governments, agencies and suppliers



Elimination Plan Targets/National Cholera Plan...

Water, Sanitation, and Hygiene (WASH)

- Combinations of short medium and long-term WASH actions
- Focuses on:
 - WASH during OCV campaigns,
 - WASH emergency preparedness and response plan (EPRP),
 - WASH in affected communities,
 - WASH in specific strategic sites,
 - WASH in healthcare facilities and schools, and
 - Development of appropriate Water Quality Monitoring.



Elimination Plan Targets/National Cholera Plan...

Water, Sanitation, and Hygiene (WASH)

- Targets increasing basic water supply from 65% to 90% and improved sanitation and hygiene coverage from 6% to 80% by 2028.
- Focuses on:
 - WASH during OCV campaigns,
 - WASH emergency preparedness and response plan (EPRP),
 - WASH in affected communities,
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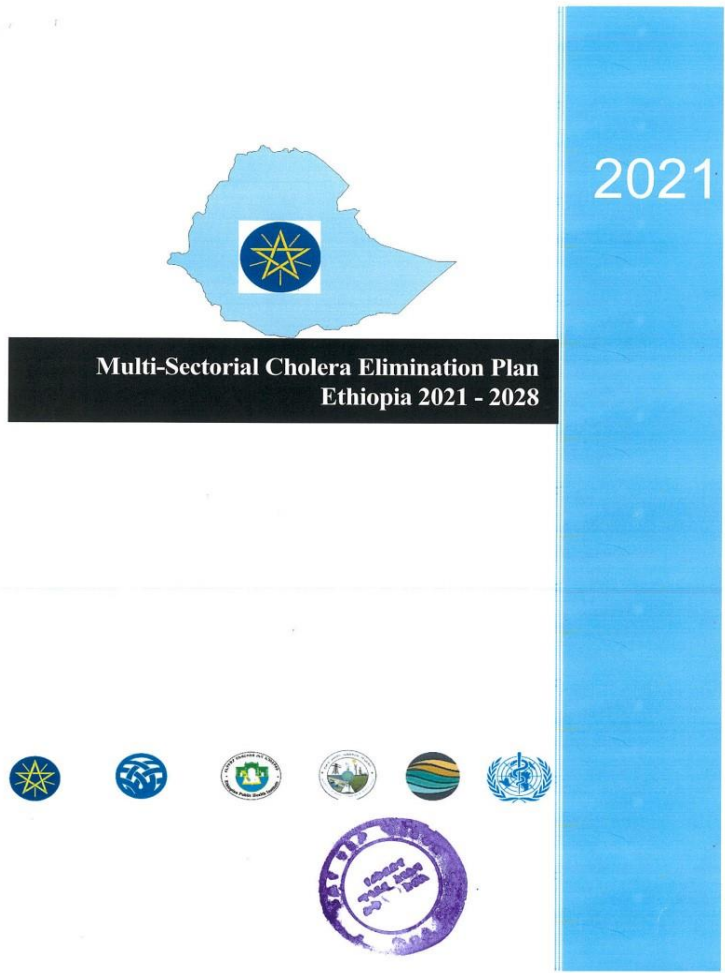
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Elimination Plan Targets/National Cholera Plan...

Water, Sanitation, and Hygiene (WASH)

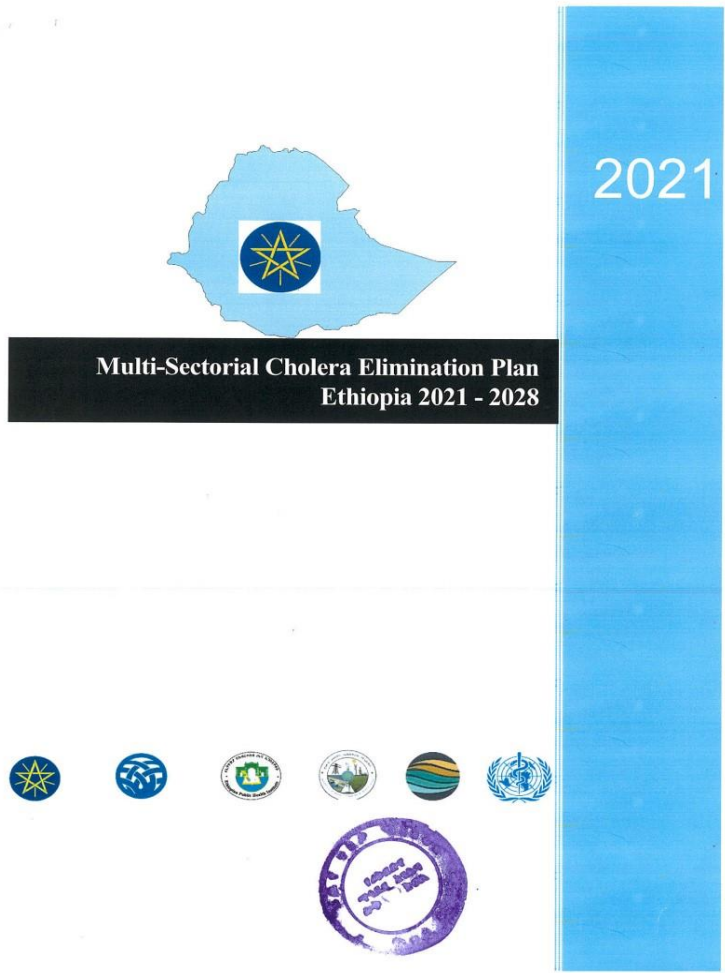
- Three strategic objectives
 - To strengthen emergency WASH preparedness and response
 - To improve access to sustainable adequate and safe water supply and sanitation services
 - To increase the availability and utilization of sanitation facilities



Elimination Plan Targets/National Cholera Plan...

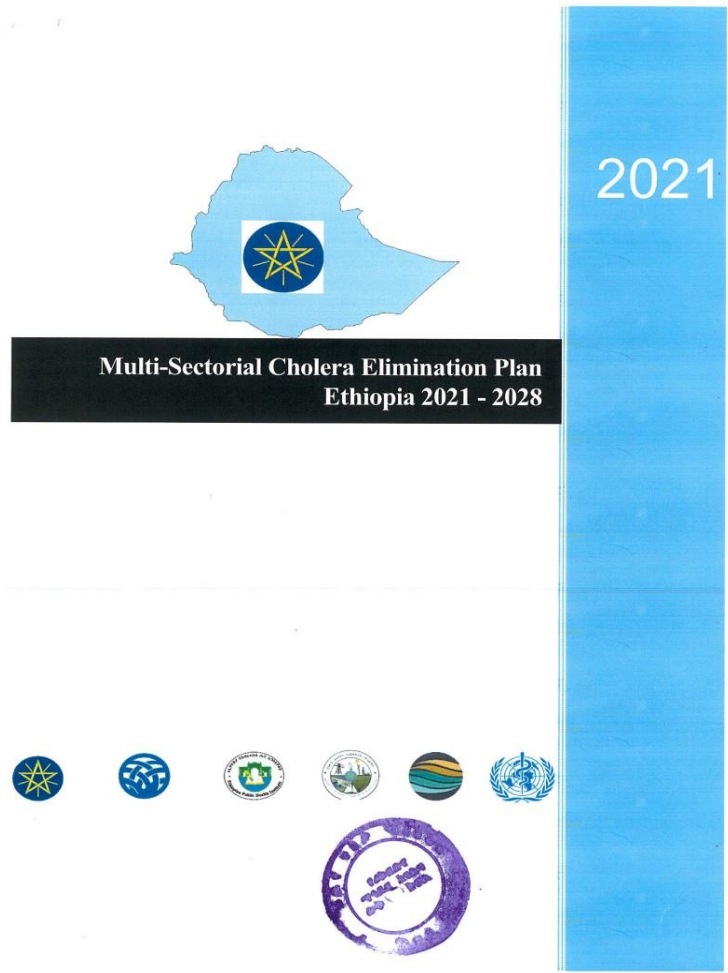
Community Engagement

- Three strategic objectives
 - Mainstream community engagement into all pillars
 - Increase the risk communication activities in mass gathering areas,
 - Increase community engagement and participation of communities for early diarrheal disease detection, notification, and cooperation during OCV campaigns



Monitoring and Evaluation/National Cholera Plan...

- Baseline assessments across all intervention pillars will be conducted in the first year of implementation





Thank you



Public Health Emergency Operations Center