GLOBAL TASK FORCE ON
CHOLERA CONTROL
NCP FRAMEWORK AND SURVEILLANCE "OFFER OF SERVICE"

4th Joint Meeting of the GTFCC Epi & Lab Working Groups
15–17 April 2019

PARTNERSHIP: GTFCC AND WORKING GROUP MEETINGS

Surveillance (Laboratory + Epidemiology): 16–18 April 2018

5th meeting of the GTFCC: 13–14 June 2018

Case Management: 5–6 November 2018

OCV: 5–6 December 2018

WASH: 12–13 February 2019

OVERALL GTFCC ACHIEVEMENTS (CROSS-SECTORAL)

Revised "Yellow Book" completed
- Electronic version (smartphone app) in preparation

First Draft of "Cholera Elimination Plan Framework" (guidance to countries on how to develop a National Cholera Plan) sent for revision.
- Will be accompanied by "Offer of Service" document detailing where GTFCC can support countries in the Roadmap

Cholera Investment Case finalised
- Including development of tools for countries to budget their NCP

SURVEILLANCE EPIDEMIOLOGY WORKING GROUP

Current priority work on refining the methodology for hotspot identification (collaboration with WASH WG on defining "WASH indicators" to be considered)

Case data recording and reporting tools (yellow book)

Research agenda: modeling, use of sero-surveys to estimate burden, epi interpretation of Whole Genome Sequencing data, data repository (with LAB)

SURVEILLANCE LABORATORY WORKING GROUP

Technical support to WHO PQ on TSS (Technical specifications series) for manufacturer RDT development and testing

Adapted approaches to peripheral confirmation capacity: culture/PCR, hardware/reagents and consumables supply chain (package)

- Lab quality assurance
- Integration of RDT use in hotspots: supply chain, job aid
- Technical note on environmental surveillance (with EPI and WASH)
- Introducing sustainable molecular lab diagnostics, including PCR for confirmation and WGS at national level

CASE MANAGEMENT WG

Technical note on the use of Antibiotics: finalized and published

Technical note on Cholera and SAM: finalized

Collaboration with the WASH WG on the WASH in CTC note

Adapt current technical note on organization of care to be more reflective of in country reality

OCV WORKING GROUP

Continuous oversight on OCV forecasting and supply management

OCV Demand Forecast –VIS –Gavi: recommendations from OCV WG
- Letter to GAVI leadership on ensuring strategic us of OCV within overall NCP
- Defining criteria for the assessment of requests and overall NCPs

Integration OCV and WASH: guidance note on what WASH measures should be implemented with OCV campaigns (including M&E)

Research and M&E: 1 dose, dosing interval, impact, cost

CTC for Shanchol–Follow up with field testing studies

WASH WORKING GROUP

WASH approaches and interventions –Development of WASH "package" outbreak and endemic setting –to identify recommended WASH approaches and interventions

Technical Guidance – Finalization of WASH cholera technical notes on IPC in CTCs (in collaboration with Case Management WG)

Review of Cholera Control Plans and "GTFCC OCV requests" to ensure connection with WASH in hotspots (in collaboration with OCV WG)

Research priorities: Fill key evidence gaps analysis of WASH related cholera research priorities

WASH + OCV recommendations: what WASH activities should be paired with OCV?

COUNTRY AND PARTNER ENGAGEMENT

Since the launch of the Roadmap in October 2017

- May 2018: WHA resolution on cholera prevention and control co-sponsored by Zambia and Haiti

Engagement on the roadmap and NCP development:

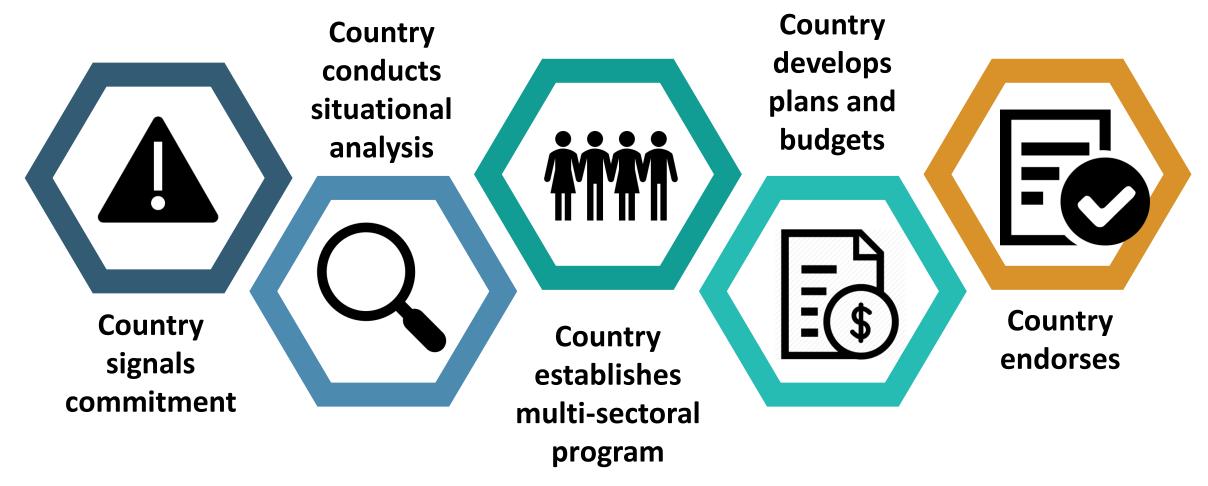- DRC, Haiti, Kenya, Malawi, Nigeria, Zambia, Zanzibar, Zimbabwe …

Multisectoral country support

- GTFCC partners directly "GTFCC hat" (e.g. CDC in Kenya and Tanzania, WaterAid in Zambia…)
- However still predominantly facilitated by GTFCC secretariat (WHO cholera team) via consultancy contract

NCP FRAMEWORK

- Roadmap implementation requires developing processes to guide countries in planning their National Cholera Elimination/Control Plans (NCPs) and access support via the GTFCC

- Key objective is to **encourage multi-sectoral implementation, provide countries with guidance on NCPs,** and **ensure strong monitoring** of national cholera programs

- Two workstreams will be undertaken to focus on the:
  - Practical guidance to countries and partners on NCP development and monitoring
  - GTFCC process to receive, review, and endorse NCPs

RECOMMENDED NCP DEVELOPMENT PROCESS

GHeCvcC partners can support countries throughout the entire process

Country conducts situational analysis

Country develops plans and budgets

Country signals commitment

Country establishes multi-sectoral program

Country endorses

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SITUATIONAL ANALYSIS – CHOLERA RISK ASSESSMENT

01 — Historical Review

Collect data and conduct analysis for minimum past 5 years
- Number of cases and deaths
- Outbreak frequency, magnitude, severity
- Susceptibility of population, if relevant
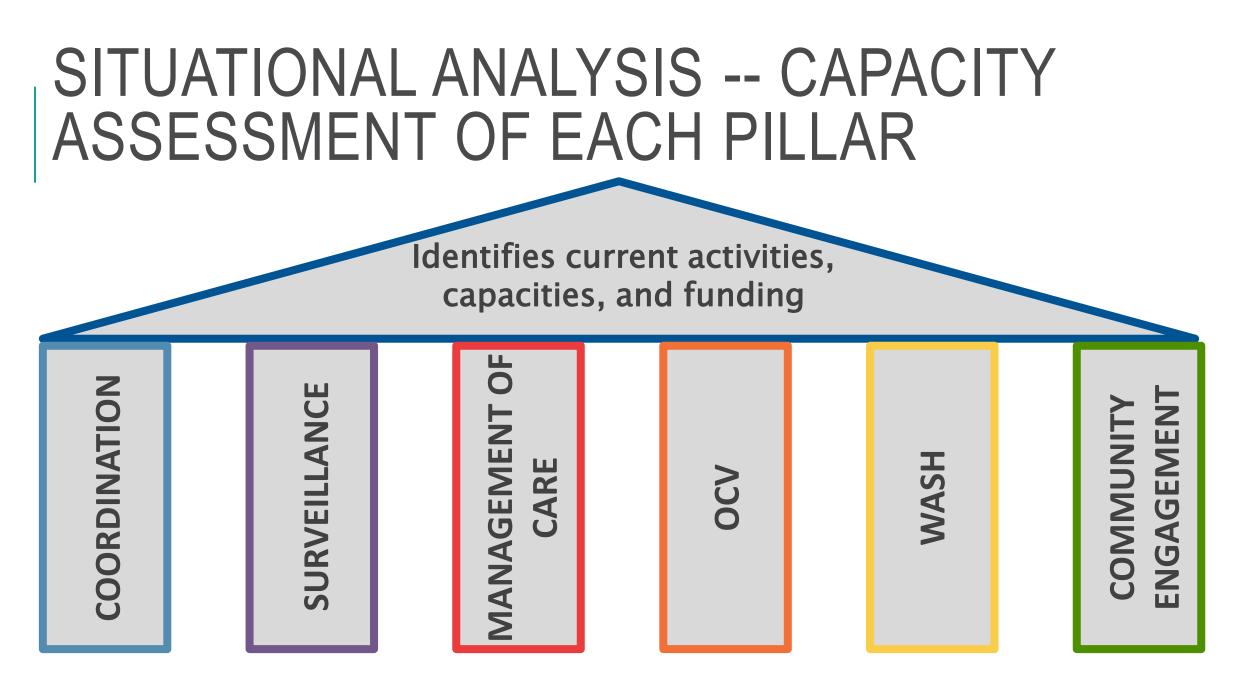
02 — Identify hotspots

- Develop criteria to identify hotspots
- Conduct geographic mapping

03 — Evaluate contextual factors

- Risk of spread – mobility, weather patterns, special populations, health seeking behaviors
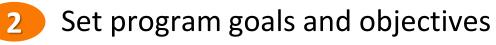- Assessment of WASH practices

04 — Prioritize hotspots

- Develop criteria for prioritization

SITUATIONAL ANALYSIS -- CAPACITY ASSESSMENT OF EACH PILLAR

Identifies current activities, capacities, and funding

- COORDINATION
- SURVEILLANCE
- MANAGEMENT OF CARE
- OCV
- WASH
- COMMUNITY ENGAGEMENT

SITUATIONAL ANALYSIS FEEDS INTO NCP DEVELOPMENT

Cholera Risk Assessment

Capacity assessment

1 Establish multi-sectoral cholera coordination mechanism

2 Set program goals and objectives

3 Agree on key activities to achieve goals: setting timelines, identifying responsible parties, and developing budgets

Long term strategy and multi-sectoral program for implementation

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GTFCC ENDORSEMENT PROCESS

NCP submitted

IRP works with country to improve

Other reviews may occur

Step 1

Step 2

Step 3

4

5

IRP convened

TRP endorses

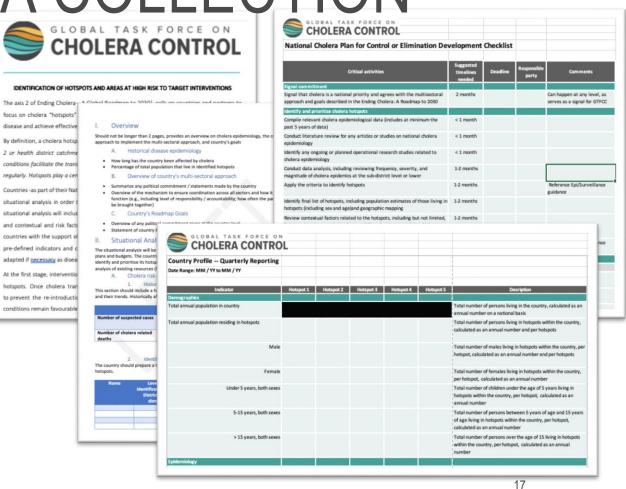# GTFCC NCP REVIEW WILL FOCUS ON THREE AREAS

01 MULTISECTORAL APPROACH

Evaluates the established mechanism, inclusion of the key stakeholders, and existence of funding and reporting mechanism

SITUATIONAL ANALYSIS

Evaluates the methodology used to identify and prioritise hotspots and sufficiency of capacity assessments of each pillar in identifying strengths and gaps

IMPACT AND FEASIBILITY BY PILLAR

Evaluates the appropriateness of proposed interventions to achieve country goals and country feasibility to implement activities

03

02

TOOLS AND DETAILED GUIDANCE ARE BEING DEVELOPED TO STANDARDIZE DATA COLLECTION

- In addition to the NCP Framework, complementary tools and guidance are being developed (GTFCC "Offer of Service")

  - Working groups to develop guidance according to their pillar of competency

  - NCP report template and checklist

  - Definition of standardized GTFCC indicators

  - Country profiles with standardized data collection forms

LABORATORY OFFER OF SERVICE

JOB AIDS
- RDT use and interpretation /cookbook
- Sample Collection and Transportation within country
- Culture Isolation-identification of *Vibrio cholerae*
- AMR testing
- Strain Conditioning for International Transportation
- Guidance on EQA for national labs
- PCR: use of appropriate techniques and related guidance for countries,
- End-point vs. Rapid testing PCR

PREQUALIFICATION OF RDTS
- Process to standardise RDTs for more systematic use

MOLECULAR DIAGNOSTIC TESTING
- Role in national cholera control program design, implementation, and monitoring
- Role in operational research at country level
- Global data repositories: how to contribute and how to access

EPIDEMIOLOGY OFFER OF SERVICE

SURVEILLANCE GUIDANCE

- Definitions, data reporting mechanisms, information for action, etc.

SUPPORTING COUNTRIES WITH CHOLERA SITUATIONAL ANALYSES

- Guidance on identification and prioritization of hotspots
  - Epidemiology criteria for hotspot identification
  - Risk factors and vulnerability criteria (in collaboration with WASH WG)

MONITORING THE IMPLEMENTATION OF THE CHOLERA ROADMAP

- Define set of indicators to monitor progress towards cholera elimination
- Systems/platforms in place to acquire, transmit, and analyze cholera incidence data at the national level

Dashboard with National Level Reporting

Primary reporting unit is the District

- "at risk of cholera" vs "cholera hotspot"

Population

- Male/ Female
- $\leq$ 5 years of age / >5 of age

Cases

- Male/ Female
- $\leq$ 5 years of age / >5 of age
- Suspected / confirmed
- Deaths

Surveillance indicators

- Total districts at risk for cholera
- Districts at risk for cholera with access to labs to confirm cholera

OCV data per campaign (– 1st dose/2nd dose)

- Start date of campaign
- Target pop to be vaccinated
- OCV doses utilized
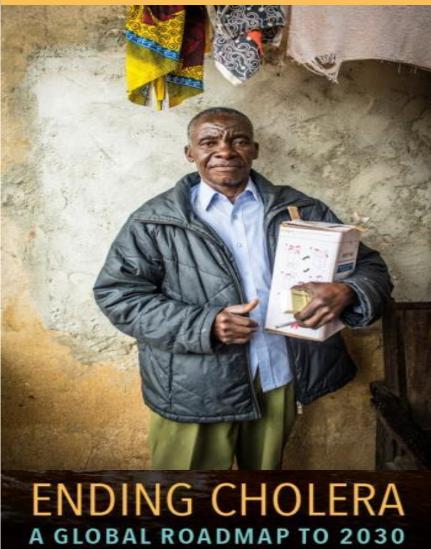- Admin coverage
- Real coverage
- Severe AEFI

WASH

- Population using safely managed drinking water services (SDG 6.1.1)
- Population using safely managed sanitation services including a hand-washing facility (SDG 6.2.1)

Roadmap funding

- Budget by pillar with timeline of implementation
- Funding for each pillar
- Total funding to conduct Roadmap-related

THE TIME IS NOW

GRAZI E MILLE!

ENDING CHOLERA
A GLOBAL ROADMAP TO 2030

Together, we can #EndCholera