



GLOBAL TASK FORCE ON
CHOLERA CONTROL

**UPDATE FROM THE
EPIDEMIOLOGY WORKING GROUP**

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ACHIEVEMENTS

An interim surveillance guideline published online

1. Early detection and rapid control of cholera outbreaks

- The “yellow book” on response to cholera outbreaks has been revised
- An briefing note describing the roles and responsibilities of the outbreak investigation teams vs rapid response team under-development

2. Multi-sectorial interventions in highly endemic areas

- Guidance to conduct situation analysis as part of the development or review of the National Cholera Control Plans

SITUATIONAL ANALYSIS — KEY COMPONENT OF THE NATIONAL CHOLERA CONTROL PLANS

1. Epidemiological analysis to identify **cholera burden hotspots**
 - Hotspots are a subset of areas at risk: other areas with low or no cholera presenting conditions conducive for transmission might be also targeted in the NCP
 2. Contextual factors to refine the areas at risk
 3. WaSH indicators
- Dynamic process: baseline analysis followed by annual updates

OTHER AREAS OF WORK FROM PARTNERS

- Development of statistical methods to combine microbiological data (RDT and culture/PCR results) and epidemiological data to obtain better estimates of cholera incidence
- Development of statistical methods to estimate recent cholera incidence using serological data
- Development of mathematical models to forecast the evolution of cholera outbreaks
- Combine epidemiological and genetic analysis to inform global cholera circulation

2019-2020 PRIORITIES

- 1. Development of a briefing note on Outbreak Investigation Teams and Rapid Response Teams**
- 2. Finalization of the guideline on how to conduct a Situational Analysis, including a simple tool to support the analysis**
- 3. Development of a first proposal of procedures to certify cholera elimination**
- 4. Advance towards the development a real time and open source global repository of cholera incidence**
- 5. Review and update the Research Agenda**



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THANKS |