

# Partner update | IVI

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**6<sup>th</sup> GTFCC Annual Meeting**  
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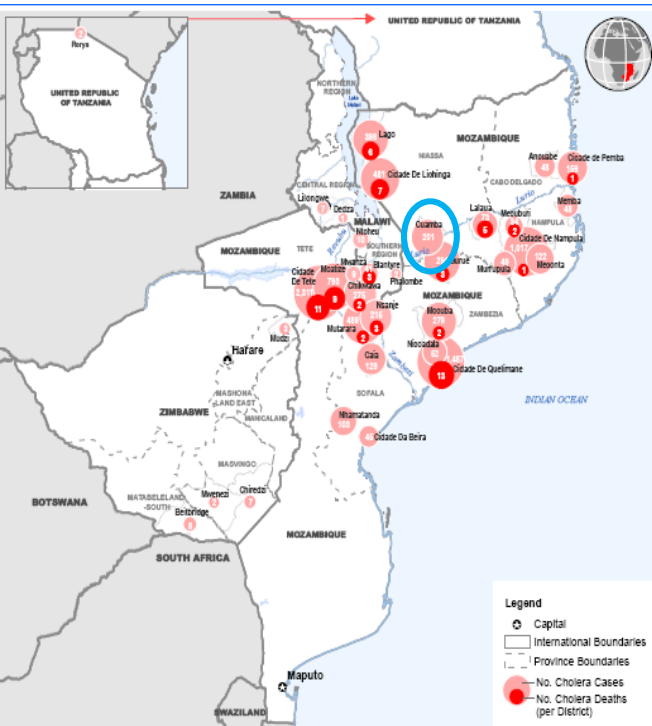
**International  
Vaccine  
Institute**

# Cholera Program Strategy and Projects

Goals	Program Objectives	Current Projects
Ensure OCV Supply	<ul style="list-style-type: none"><li>• Continue support to existing manufacturers</li><li>• Additional TT to ensure adequate global and national vaccine security</li></ul>	<ul style="list-style-type: none"><li>• Cholvax, Incepta (Bangladesh)</li><li>• BIBCOL Tech Transfer (India)</li><li>• Supply Critical Reference Standards to Manufacturers (International Standards)</li><li>• Euvichol-P CTC Label</li></ul>
OCV Use & Introduction	<ul style="list-style-type: none"><li>• Generate evidence to support OCV use in endemic countries</li></ul>	<ul style="list-style-type: none"><li>• Modeling Impact of Ending Cholera Roadmap [Vittal Mogasale]</li><li>• CSIMA –Malawi [Andrea Haselbeck/Florian Marks]</li><li>• MOCA –Mozambique [Se Eun Park/Florian Marks]</li><li>• ECHO Mozambique and Nepal (launch in 2020) [Se Eun Park, Jacqueline Lim]</li></ul>



## Mozambique Cholera Prevention and Surveillance (MOCA)



Map: Malai Mohi/ UN RC/ DoD/IA, Humanitarian Partners  
 Feedback: ocharossa@un.org www.unocha.org/rossa www.reliefweb.int http://rossa.humanitarianresponse.info  
 The boundaries and names shown on this map do not imply official endorsement or acceptance by the United Nations

**Goal:** To prevent cholera epidemics and empower local public health system for sustainable cholera surveillance and control

### Key Activities:

#### 1. OCV Campaign targeting 180,000 individuals in Cuamba

- Euvichol-plus®
- Monitoring and evaluation of campaigns (AES, coverage)

Completed  
Aug 2018

#### 2. Cholera and diarrheal disease surveillance in Cuamba

- Surveillance of cholera and diarrheal diseases
- Incidences and antimicrobial resistance profiles
- Vaccine effectiveness estimation
- Phylogenetic analysis of detected strains

Ongoing

#### 3. WASH (WaterAid)

- Formative research (Baseline/Endline surveys)
- Hygiene Behavior Change interventions

#### 4. Health economic analysis associated with cholera

- Cost-of-illness associated with treatment of cholera patients in cholera endemic setting
- Delivery cost of OCV vaccination campaigns

Ongoing

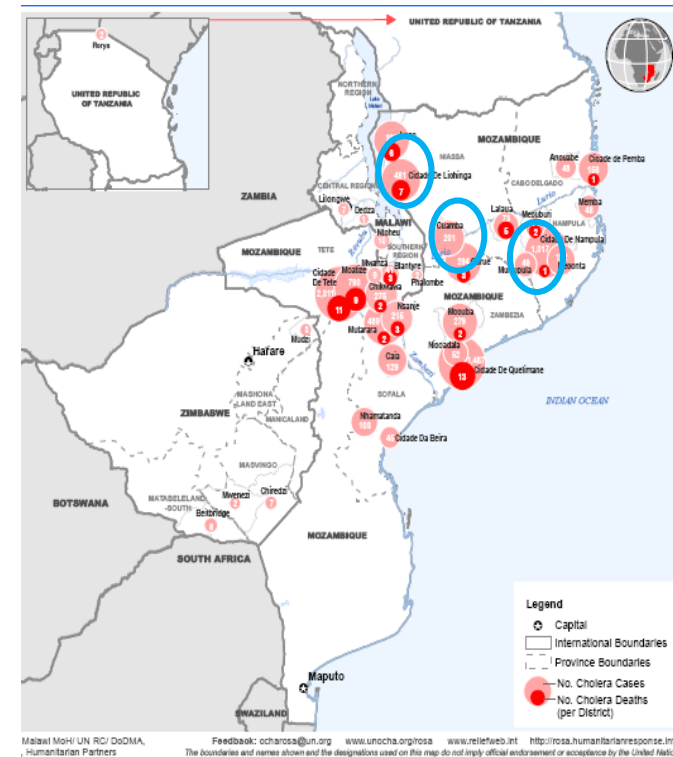
Study area	Cuamba District
Partners	Instituto Nacional de Saude (Ministry of Health, Mozambique)
Donor	KOICA (Government of Republic of Korea)

# Enhancing Cholera Control: ECHO-Mozambique (2020)

Goal for ECHO-Mozambique : To contribute to cholera prevention and control and facilitate development of control cholera plans in Mozambique (in context of “Ending Cholera – A Global Roadmap to 2030”)

## Objectives :

- 1) Conduct preventive OCV vaccination campaigns in cholera endemic hotspots
  - Lichinga/Lago District and Nampula city/Meconta District (Nampula and Niassa Provinces)
  - Vaccination campaigns (~300,000 persons total)
- 2) Strengthen the cholera and diarrheal disease surveillance and laboratory diagnostic capacity in two provinces (Niassa and Nampula)
- 3) Enhance water, sanitation, and hygiene (WaSH) in the vulnerable communities including healthcare facilities
- 4) Establish a platform for stakeholder engagement and policy discussions on national roadmap to control cholera



# Enhancing Cholera Control: ECHO-Nepal (2020)

Goal: Enhance Nepal's capacity to detect, respond and prevent outbreaks of cholera

Objectives for Nepal:

1. Prevent cholera by delivering OCV campaigns in identified hot spots in Kathmandu Valley (Province 3) and Kailali District (Province 7)
2. Strengthen laboratory diagnostic and surveillance capacity in two sub-regions (Kathmandu Valley and Kailali District)
3. Strengthen Rapid Response capacity in Nepal through training of national and sub-national RRT
4. Evaluate a dose sparing delivery strategy = Comprehensive case area Targeted Intervention (CTI) of OCV integrated with a rapid WASH response in dense urban Kathmandu (Collaboration with Mellisa Roskosky/David Sack, JHU)
5. Generate evidence on disease burden and effectiveness of interventions and facilitate policy development for cholera prevention and control
  - Conduct a cross sectional serosurvey to advance understanding of disease burden and enhance disease reporting systems



# Thank you | Acknowledgements

## IVI

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## Nepal Partners

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## Malawi Partners

MOH, UMP

BILL & MELINDA  
GATES foundation

WaterAid

## External partners

WTSI  
JHU



GLOBAL TASK FORCE ON  
CHOLERA CONTROL



**KOICA** Korea International  
Cooperation Agency

wellcome trust





**IVI** International  
Vaccine  
Institute  
국제백신연구소