

GLOBAL VECTOR CONTROL RESPONSE

2017-2030 An update

Raman Velayudhan

Head, VVE/NTD

VelayudhanR@who.int

Global **Malaria** Programme
Department of Control of **Neglected Tropical Diseases**
Special Programme for **Research and Training** in Tropical Diseases



World Health Assembly Resolution

RESOLUTION: adopted in May 2017

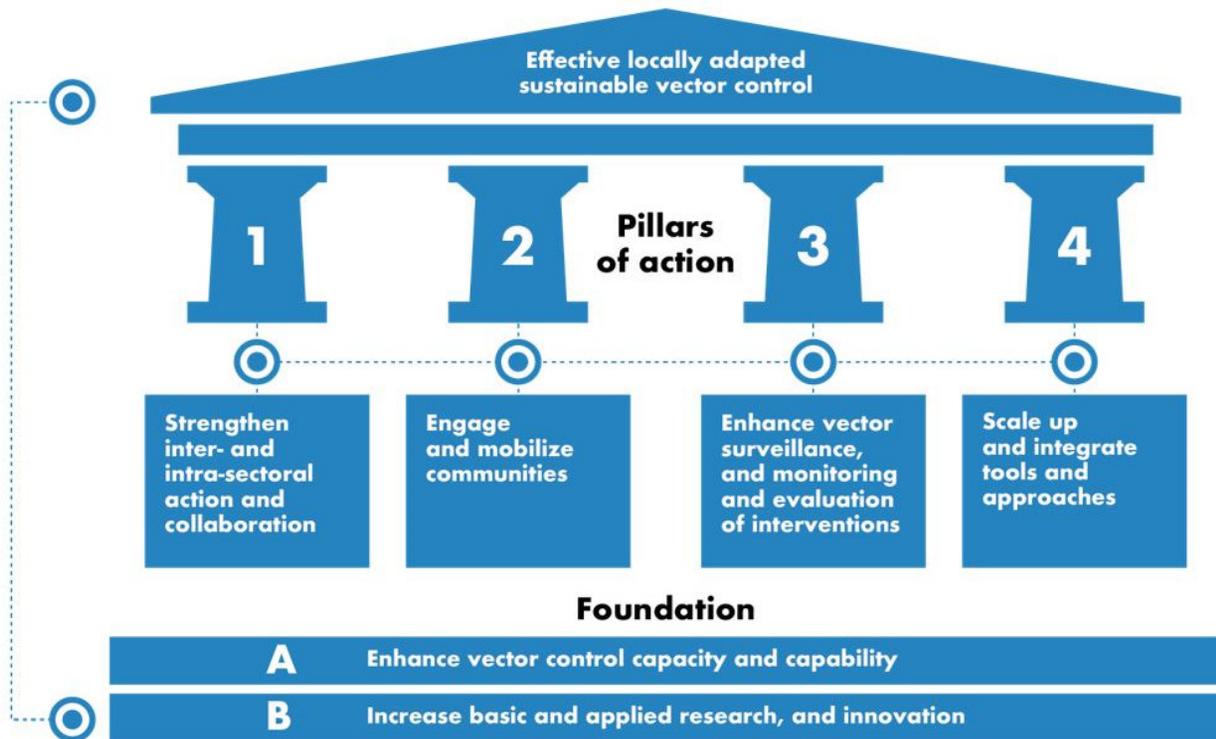
VISION: A world free of human suffering from vector-borne disease

AIM: Reduce the burden and threat of vector-borne diseases that affect humans, through effective, locally adapted, sustainable vector control



Enabling factors

- Country leadership
- Advocacy, resource mobilization and partner coordination
- Regulatory, policy & normative support



Key activities identified in Regional resolutions

	GVCR	SEARO	PAHO
Foundation	Vector control capacity and capability	Cross border, IR data	PH entomology
	Basic /applied research and innovation	Evidence based, case studies	Support new tools
Technical	Inter and intra-sectoral collaboration	Empower ISTF	Inter-ministerial TF
	Community mobilization	Subnational ownership and planning	
	Enhance Vector surveillance	Utilization of data; sharing of data	Enhance VS and M&E
	Scale up and integrate tools and approaches	Locally adapted tools	Elimination where possible
Enabling factors	Country leadership	Political commitment	Strong commitment
	Advocacy, resource mobilization and partner coordination	Advocacy	

GVCR implementation progress

- Acceptance and uptake of WHA resolution 70.16 by all regional offices
Regional plans developed in line with GVCR in all regions
- Progress report 2017-2020 to be published in September 2020
Comprehensive update of activities so far with inputs from all three levels of WHO
GVCR conference organized in Wageningen
- Evidence based assessments conducted
Vector Control Needs Assessment completed in 18 countries
Global survey of insecticide use; multi-centre insecticide resistance studies in progress
- Normative guidance development and infrastructure support
National IVM strategies, international guidance on SIT, aircraft disinsection, pesticide management
- Development of internal GVCR platform on SharePoint
Intended to be hub for sharing resources, news, activities & data
Dashboard summaries for both HQ and regional offices to assist in analysis & reporting

Activities in progress

- **Case studies:** to highlight GVCR success stories
- **VCNAs:** to assess needs and develop national plans
- **Technical trainings:** to promote capacity building in surveillance, IRM, clinical management
- **New reporting system:** to improve analysis of progress and identify deficiencies and target planning
- **Regional meetings:** to promote networks, share challenges progress, etc.

Impact of COVID 19

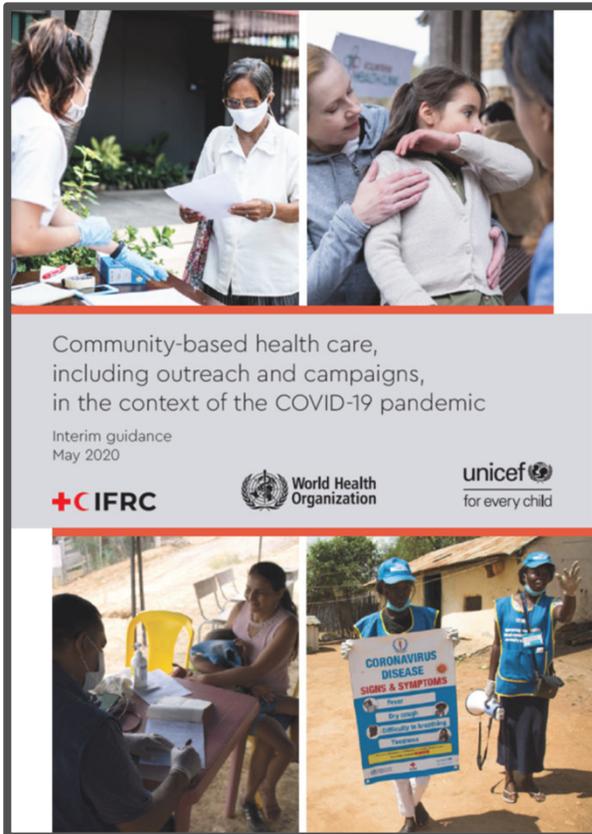
Challenges

- Resource constraint
- Lack of staff and opportunities for field training

Suggested future directions

- Enhanced country implementation support (RO/CO to lead)
- Webinar based practical sessions
- Working across diseases, country focus, integrated surveillance
- Working with partners where feasible.

WHO-IFRC-UNICEF GUIDANCE ON COMMUNITY-BASED INTERVENTIONS



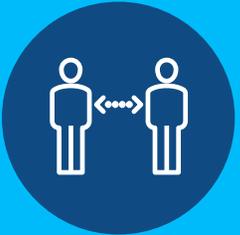
- Generic recommendations on community-based interventions during COVID-19
- Specific considerations for different areas:
 - HIV, TB, mental health, NCDs, vaccination, NTDs, malaria
- Other considerations:
 - Maternal and newborn health, children and adolescents, older people, etc.

5 May 2020

Dengue and COVID-19

- Dengue and COVID-19 are viral diseases with early stages that are difficult to distinguish;
 - Undifferentiated fever with similar clinical (nonspecific signs and symptoms) and laboratory features leading to misdiagnosis and can complicate case management;
 - false-positive dengue will trigger COVID-19 outbreaks
 - dengue-related deaths
- Efforts must be made to strengthen capacity to accurately diagnose and manage both diseases.
- Transmission: Dengue through the bite of infected female *Aedes aegypti* mosquitoes; COVID-19: mainly through respiratory droplets of an infected person

CASE STUDY: PREVENTION AND CONTROL OF DENGUE DURING THE COVID-19 PANDEMIC



- Mobilizing **community support** for joint prevention of COVID-19 and dengue
- Introducing **simple information, education and communication materials** through the media (including social media) for both diseases
- Encouraging households to **eliminate mosquito breeding sources**
- Devoting **special sessions** to raising awareness of COVID-19 and dengue in schools and colleges that have resumed classes

*In accordance with physical distancing,
hand hygiene and other precautionary measures*

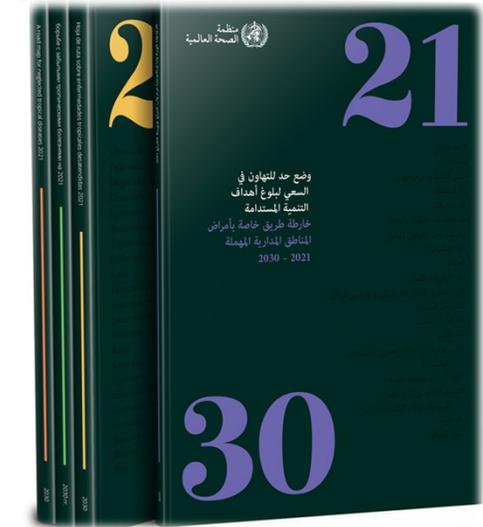
COMMUNITY-BASED INTERVENTIONS FOR Vector Control

Strategy	Community-based interventions
Vector control	Vector Surveillance (trap based) Source reduction (family and community) Focus on major foci of transmission (movement to be factored) Outbreak management Clinical care and hospital access

NTD roadmap 2021-2030
Ending NTDs: together towards 2030
(who.int)

COMPANION DOCUMENTS

- Sustainability framework for action (28 January 21)
- Monitoring and evaluation framework (1 Apr 21)
- Investment case (*in progress*)
- Updated strategy on WASH and NTDs (*in progress*)
- NTD research and development blueprint
- NTD and One Health (*in Progress*)
- Vector Borne NTDs and GVCR (*in Progress*)



Thank you