

5-year plan RBM VCWG WS2									Timeline																			
Task Team	Co-leads	Theme	Activities	Focus Output Area	Responsibility (VCWG or Partner)	Partner name	Outputs (report, consensus statement, meeting, webinar, video record, publication, guideline etc)	2025				2026				2027				2028				2029				
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
WORK STREAM 2: Expanding the Vector Control Toolbox	WS2 co-leads: Eric Ochomo (KEMRI) & Derric Nimmo (VCC)	Workstream coordination	Review progress and update annual workplan in line with broader RBM strategy (i.e., The Big Picture)	Workstream coordination	VCWG	All	Workplan																					
			Bi-annual newsletter	VCWG Newsletter WS2 Bi-annual updates	VCWG	All	Report																					
			Select WS2 theme and presentations for annual meeting	Workstream coordination	VCWG	All	List of presenters and topics																					
			Convene sessions at annual VCWG meeting	Workstream coordination	VCWG	All	Presentations online																					
			Select at least two WS2 key topics for webinars or side events to be held each year	Workstream coordination	VCWG	All	List of presenters, topics and proposed webinar date																					
			Convene WS2 webinars	Workstream coordination	VCWG	All	Webinar recording																					
TASK TEAM 1: Larval Source Management: best practice and evidence for impact	TTI co-leads: Elijah Juma (PAMCA), Edward Thomson (UCSF)	Implementation challenges	Develop country LSM case studies for revised WHO LSM manual	2	VCWG/partners	WHO	Case Studies																					
		Landscape analysis	Develop a consensus M&E framework for LSM	1,2,3	VCWG/partners	TBC	Meetings with relevant stakeholders			Meetings																		
			Develop consensus protocols for impact evaluation Tracking An. stephensi spread and operational pilots studies for LSM targeting An. stephensi Capacity development options (infrastructure and personnel) Presentation/dissemination of landscape analysis to LSM task team and stakeholders	1,2,3	VCWG	TBC	Report, presentation, maybe publication					Report writing					VCWG		Report									
		Implementation challenges	Pilot consensus M&E framework	1	VCWG/partners	TBC	Meetings with relevant stakeholders			Meetings																		
			Use of modelling to show where LSM may be more impactful	3	VCWG/partners	TBC	Modelling, meetings, Report			Meetings																		
			Convene a community of practice around LSM implementation	3	VCWG/partners	TBC	Meetings with relevant stakeholders, guidelines			Webinar		Webinar																
			Advocacy for favourable policies around LSM (position papers)	4	VCWG/partners	TBC	Position papers			Meetings/writing		Position papers																
		Access	Monitor efficacy testing of residual-acting larvicides in Africa to feed into reports	1,3	VCWG/partners	TBC	Meetings and data summaries for reports			Meetings																		
			Development of a quality assurance framework for larvicides in the African market – IPT	3	VCWG/partners	IZI, IVCC, TBC	Meetings/A, report/publication					Meetings																
			Mobilization of donor and domestic source funding to support LSM implementation (donor roundtable discussion - highlighting successful/unsuccessful use cases)	3	VCWG/partners	TBC	Roundtable, meetings/A, report on use cases					VCWG - roundtable		Meetings											VCWG - use cases			
		Implementation challenges	Dissemination of final M&E framework	3	VCWG/partners	TBC	Report																		VCWG			
Disseminate evidence on residual acting larvicides	1,3		VCWG/partners	TBC	Report, presentations																		VCWG					
TASK TEAM 2: Novel vector control: approaches and progress	TTZ co-leads: Tullu Bikhari (ICIPE), Co-lead TBD	General	Complete inventory of novel vector control tools, and update each year	1	VCWG	IVCC/BMGF/TBC	Online database			Inventory																		
			Report identifying the gaps in vector control appropriate for novel tool development	1	VCWG	IVCC/TBC	Meetings, webinars, report, publication			Webinar		VCWG		Meetings														
		Focus of VCWG meeting presentations (may change if new tools/data emerges)	General updates on novel vector control tools	1,2,3	VCWG/partners	TBC	Presentations, meetings			VCWG																		
			Genetic control and Wolbachia	1,2,3	VCWG/partners	TBC	Presentations, meetings					VCWG																
			Endectocides and Spatial repellents	1,2,3	VCWG/partners	TBC	Presentations, meetings									VCWG												
			Housing modifications, Eave tubes etc.	1,2,3	VCWG/partners	TBC	Presentations, meetings													VCWG								
		Urban vector control	TBC, dependent on ongoing developments	1,2,3	VCWG/partners	TBC	Presentations, meetings																		VCWG			
			Summary of the novel approaches being tested for the control of An. stephensi: progress to date, challenges, the future	1,3	VCWG/partners	Oxitec, LSTM, TBC	Webinars, meetings, report					Webinar		Meetings														
			Gather information about the technologies and tools available. What are the challenges and potential impacts? Can modelling help understand the impact? Report summarising the current tools, evidence of impact, challenges and future perspectives	1,2,3	VCWG/partners	Oxitec, LSTM, TBC	Webinars, meetings, report									Webinar		Meetings							Report		VCWG	
		Implementation challenges	How do you conduct an RCT looking at transmission reduction only? Develop guidance for the community (white paper).	3	VCWG/partners	TBC	Webinars, meetings, report							Meetings														
			Summary of the implementation challenges with deploying spatial repellents	3	VCWG/partners	SCJ, IVCC, NMCPa, TBC	Webinars, meetings, report									Webinar										Report		Meeting
Report on the progress towards harmonisation of policy/approval for self-limiting and gene drive approaches	3		VCWG/partners	Oxitec/Target Malaria/TBC	Webinars, meetings, report					Webinar						Report												
TASK TEAM 3: Innovations in vector surveillance	TTZ co-leads: Yang Hu (CHAI), Co-lead TBD	General	Complete inventory of novel vector surveillance tools, and update each year	1	VCWG/partners	TBC	Online database			Inventory																		
			Report identifying the gaps in vector surveillance appropriate for novel tool development	3	VCWG/partners	NMCPa/TBC	Webinars, meetings, report							Meetings														
		Focus of VCWG meeting presentations (may change if new tools/data emerges)	General updates on vector surveillance tools	1,2,3	VCWG/partners	TBC	Presentations, meetings			VCWG																		
			Species ID (molecular, acoustic, IR etc) and age grading	1,2,3	VCWG/partners	TBC	Presentations, meetings					VCWG																
			Remote sensing (GIS/drones) and smart traps	1,2,3	VCWG/partners	TBC	Presentations, meetings											VCWG										
			Citizen science and predictive forecast modelling	1,2,3	VCWG/partners	TBC	Presentations, meetings																		VCWG			
		Next generation molecular techniques	Overview of next-generation molecular techniques and how they can impact vector surveillance	1,2,3	VCWG/partners	John Vontas, Oxford Nanopore, TBC	Presentations, meetings							Meetings											Report		Webinar	
			Summary of the different options for smart traps and tools to aid in vector control: advantages, challenges and the future.	1,3	VCWG/partners	TBC	Meetings, webinars, report, publication					Webinar		VCWG			Meetings								Report		Publication	
Citizen science	Citizen science: overview of tools and evidence of impact	1,3	VCWG/partners	TBC	Webinars, meetings, report											Meetings							Report		Webinar			

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Updated: 30 October 2024								2025				2026				2027				2028				2029						
Task Team	Co-leads	Theme	Activities	Focus Output Area	Responsibility	Partner name	Outputs	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
WORK STREAM 3: Implementing the Global Vector Control Response	WS3 co-leads: Tessa Knox (PackMOSSI consortium & Consultant to WHO DMPF) & Joseph Chabi (PMI Evolve Project Abt Global)	Workstream coordination	Review progress and update annual workplan in line with broader RBM strategy (ie, The Big Push)	Workstream coordination	VCWG	All	Workplan																							
			Select WS3 theme and presentations for annual meeting	Workstream coordination	VCWG	All	List of presenters and topics																							
			Convene sessions at annual VCWG meeting	Workstream coordination	VCWG	All	Presentations online																							
			Select at least two WS3 key topics for webinars or side events to be held each year	Workstream coordination	VCWG	All	List of presenters, topics and proposed webinar date																							
			Convene WS3 webinars	Workstream coordination	VCWG	All	Webinar recording																							
TASK TEAM 1: IVM best practices and local capacity	TTI co-leads: Eleanor Sternberg (Tropical Health), Co-lead TBD	Review status of implementing GVCR	Collate and review status of national Vector Control Needs Assessments	1	VCWG	TBD	Summary of VENA status																							
			Identify priority knowledge or activity gaps on GVCR implementation to inform WS3 planning	1	VCWG	TBD	List of key priority areas for consideration																							
		Document best practices	Identify in consultation with WS members priority topics that require a systematic review (eg malaria and the built environment, urban malaria, coordinated response to VBDs)	1,2	VCWG	TBD	Priority list of topics for Task Team to review																							
			Produce systematic review on impact of agriculture and IVM on malaria	1	VCWG	TBD	Technical document reviewing impact of agriculture and IVM on malaria																							
			Document examples of programmes practicing IVM in the context of malaria and other vector borne disease	1,3	VCWG	TBD	Technical document of case studies on IVM																							
			Document IVM in development	1,3	VCWG	TBD	Technical document of case studies on IVM																							
			Compile brief summaries of functional interministerial taskforces for multi-sectoral engagement in vector control	1,3	VCWG	TBD	Document of compiled country examples																							
		Disseminate information on best practices	Compile brief summaries of effective integration of disease, vector and intervention data within broader health information systems	1,3	VCWG	TBD	Document of compiled country examples																							
			Convene virtual meeting on key topics (eg. case studies on the impact of agriculture and IVM on malaria and other VBDs, case studies on functional interministerial taskforces, integrated information systems for disease, vector and intervention data)	1	VCWG	TBD	Webinar recording																							
			Compile list of trainings (especially with IVM focus or components) to be shared with VCWG	3	VCWG	TBD	Presentation at VCWG annual meeting																							
		Identify opportunities for collaboration and localisation	Conduct landscape exercise to identify which regions/organisations have the capacity to utilise molecular tools to support local vector-borne programs	1	VCWG	TBD	Document on capacity to support IVM																							
			Document case studies where research institutions/academia have productive relationships with NMCPs to enhance best practices in vector control and entomological surveillance	3	VCWG	TBD	Document on collaborations for IVM																							
			Coordinate with WHO and relevant RBM workstreams (i.e. MSGWG) to identify possible priorities and relevant outputs for trainings, research support and collaboration	1,3	VCWG	TBD	Presentation at VCWG annual meeting; updated workplan																							
			Submit/publish report or manuscript from research prioritisation activity	1	VCWG	TBD	Technical publication on research agenda																							
		TASK TEAM 2: Anopheles stephensi response	TT2 co-leads: Melissa Yoshimizu (USAID), Sarah Zody (CDC), Susanta Ghosh (Magalore University)	Document key information needs	Produce update of key findings on An. stephensi from published literature over previous 2 years (and assess against prioritised research agenda)	1	VCWG	TBD	Technical document with key updated messages																					
Generate update or supplement to the WHO country case studies document with a focus on invasive An. stephensi and adaption of strategies and tools to local contexts considering resource availability/constraints	1,3				VCWG	TBD	Technical document as update/supplement to WHO document																							
Disseminate information on best practices	Allocate additional day or session at VCWG to share and discuss key findings from programs combatting invasive An. stephensi			1,3	VCWG	TBD	Meeting report																							
	Convene virtual meeting on key topics (eg. mechanism of spread, partnerships with transport and trade sectors, country case studies of control and mitigation)			1,3	VCWG	TBD	Webinar recording																							
	Collate country action plans for An. stephensi into one place			3	VCWG	TBD	Country action plans posted to RBM website																							
	Collate protocols for An. stephensi surveillance and control			3	VCWG	TBD	Protocols posted to RBM website																							
Identify opportunities for collaboration and localisation	Coordinate with LSM Task Team and research agenda prioritization topic subgroups and relevant RBM workstreams (i.e. SBC) to identify possible relevant outputs			1	VCWG	TBD	Summary presented at VCWG annual meeting; updated workplan																							
	Coordinate with WHO and modelers from research agenda prioritization so can receive newer data for understanding spread patterns			1	VCWG	TBD	Email or online exchanges; technical updates																							
	Deploy available tools and expand vector control toolbox in humanitarian settings			Liaise with relevant partners to ensure input into use case and requirements for emerging tools to reflect needs/constraints in emergency settings	1,2,3	VCWG	TBD	Meeting minutes, discussion summary																						
				Compile simple guidance on specificities for deployment of vector control tools in emergency settings	3	VCWG	TBD	Technical document on guidance for implementation																						
Liaise with other VCWG Workstreams and Task Teams to highlight the specific conditions and constraints to effective vector control in humanitarian emergency settings, including for deployment of new tools, addressing An. stephensi, scale-up of larviciding etc.		1,2,3	VCWG	TBD	Meeting minutes, discussion summary																									
Present to VCWG best practices for vector control operations to capture adaptations and setting-specificities		3	VCWG	TBD	Presentations at VCWG annual meeting																									
Develop prioritised research agenda that adequately reflects evidence requirements for vector control in emergency settings to inform policy development		1	VCWG	TBD	Prioritised research agenda																									
TASK TEAM 3: Vector control in humanitarian emergencies	TT3 co-leads: Joe Lewinski, Julius Kasozi (UNHCR Uganda)	Improve vector control operational research in emergency settings	Generate position statement on evidence requirements for vector control in emergency settings	2,3	VCWG	TBD	Position statement																							
			Convene session in global forum (ASTMH) to present research on vector control in emergency settings with speakers from different settings/regions	1	VCWG	TBD	Presentations online																							
			Document case studies and insights on deployment, effectiveness and scalability of tools, including spatial repellents and IRS in temporary shelters, larvicides in flood-prone areas, non-mesh ITNs in high-risk zones, ATSBs, treatment of domestic animals	2,3	VCWG	TBD	Technical document of examples of implementation																							
		Document and share best practices for delivery of vector control in emergency settings	Document case studies on the use of emerging technologies in emergency settings, including use of drones, AI, and data analytics to enhance efficiency and scalability	1	VCWG	TBD	Technical document of examples of implementation																							
			Track humanitarian emergencies and document current practices (including logistics, structures, human resources) for vector control operations to capture adaptations and setting-specificities in standard detail	1,3	VCWG	TBD	Brief vector control situation reports																							
			Create or identify appropriate knowledge sharing platform for online collation of best practices and research	1,3	VCWG	TBD	Online platform sharing best practices																							
			Identify (through collaboration with international organizations) training initiatives with components on vector control in emergencies and provide consolidated inputs to reflect best practices	3	VCWG	TBD	Best practices reflected in training materials																							

1. Identify tool gaps or capacity needs & steer research priorities
2. Policy clarification & evaluation pathways
3. Implementation/Operational scale-up support/Training and capacity building initiatives