



Vector Control Working Group

05 July 2021

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# 4<sup>th</sup> Annual MSWG Meeting 2021 Virtual Event *Session 3*

VCWG Co-Chairs and Secretariat

# A reminder of the VCWG Workstream Structure

(New working structure since early 2021)

**Enhancing the Impact of  
Core Interventions**

**Expanding the Vector  
Control Toolbox**

**Implementing the Global  
Vector Control Response**

- 1. Identify gaps, capacity needs and research priorities**
- 2. Policy clarification and evaluation pathways**
- 3. Operational scale up and support**

# Each workstream identifies a number of priority topics

Some workplan elements already identify potential collaboration opportunities

	Focus Output 1 Identify tool gaps or capacity needs & steer research priorities	Focus Output 2 Policy clarification & evaluation pathways	Focus Output 3 Implementation/Operational scale-up support/Training and capacity building initiatives	
<p><b>Work stream 1:</b> <b>Enhancing Impact of Core Interventions</b></p> <p><b>Themes:</b></p> <ul style="list-style-type: none"> <li>➢ LLINs</li> <li>➢ IRS</li> </ul> <p><b>Co-Leads:</b> Hannah Koenker Allan Were</p>	<ul style="list-style-type: none"> <li>▪ Targeting and stratification of LLINs and IRS products</li> </ul>	<ul style="list-style-type: none"> <li>▪ Policy and guidance on new nets; IRS+LLINs</li> <li>▪ Evaluate effectiveness of partial IRS</li> <li>▪ Refining and standardizing the denominator for IRS</li> <li>▪ Refining quantification of LLINs</li> </ul>	<ul style="list-style-type: none"> <li>▪ LLIN durability/access/replacement</li> <li>▪ LLIN use issues</li> <li>▪ Capacity building and technical assistance to (government) IRS programs</li> <li>▪ Expansion of mobile data collection for IRS and LLINs</li> </ul>	<p><b>Focus Group:</b> <b>Vector Control for Humanitarian Emergencies</b></p>
<p><b>Work stream 2:</b> <b>Expanding the Vector Control Toolbox</b></p> <p><b>Themes:</b></p> <ul style="list-style-type: none"> <li>➢ Larval Source Management</li> <li>➢ Innovations in vector control and surveillance</li> <li>➢ Anthropology and human centred design in the context of vector control</li> </ul> <p><b>Co-Leads:</b> Allison Tatarsky Sheila Barasa</p>	<ul style="list-style-type: none"> <li>▪ Review technology for LSM e.g., GIS, satellite imagery, use of drones, new application technology, etc.</li> <li>▪ Develop and maintain an inventory of new vector control tools and approaches including repellents, endectocides, ATSBs, SIT, genetic control, etc.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Gather evidence for environmental management including habitat modification and manipulation as priority interventions in LSM and promote within the Multi Sectoral Working Group (MSWG)</li> <li>▪ Develop framework for, and actively track and share, updates on new vector control paradigm roadmaps</li> <li>▪ Share VCAG updates on new paradigms as part of paradigm roadmap tracking</li> </ul>	<ul style="list-style-type: none"> <li>▪ Review operational LSM in national malaria programmes and collate evidence of impact, as well as training and technical support needs</li> <li>▪ Elevate national malaria program operational research questions for vector control beyond LLINs and IRS</li> <li>▪ Highlight innovation and opportunities to incorporate anthropological methods and human centred design into the development, evaluation, and scale up of vector control tools</li> </ul>	<p>All workstreams to ensure outputs are also relevant and support needs of this area</p>

For this specific item the principle of '*first do no harm*' clearly applies.

E.g. Opportunity for guidance to construction / building sectors/ Public Works

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<p><b>Work stream 3: Implementing the Global Vector Control Response</b></p> <p><b>Themes:</b></p> <ul style="list-style-type: none"> <li>➢ Integrate tools and approaches - IVM</li> <li>➢ Insecticide Resistance Management</li> <li>➢ Entomology capacity building</li> <li>➢ Strengthen inter-sectoral linkage</li> </ul> <p><b>Co-Leads:</b> Mark Hoppé Chadwick Sikaala</p>	<ul style="list-style-type: none"> <li>▪ Map entomology training needs, training opportunities and capacity, highlight gaps and opportunities for collaboration</li> <li>▪ Mapping operational IVM and IRM strategies and how they fit in the GVCR strategy. Identify opportunities to share best practice</li> <li>▪ 'Map' the intra and inter-sectoral links/interfaces and gaps. Identify key players and opportunities for greater collaboration</li> </ul>	<ul style="list-style-type: none"> <li>▪ Support the evaluation of the linkages between entomological/surveillance data and epidemiological outcomes</li> <li>▪ Maintain consensus statement on Housing and Vector Control</li> <li>▪ Share updates from BOVA and MSWG</li> <li>▪ Support the Vector Learning Exchange</li> </ul>	<ul style="list-style-type: none"> <li>▪ Promote the scale up and integration of VC tools and approaches, in the framework of IVM</li> <li>▪ Support capacity to monitor and manage insecticide resistance</li> <li>▪ Share best practice in entomological surveillance, particularly around VC intervention efficacy</li> <li>▪ Strengthen links with housing and agricultural sectors</li> <li>▪ Deliver IRM MOOC</li> </ul>	<p><b>Focus Group: Vector Control for Humanitarian Emergencies</b></p> <p>All workstreams to ensure that outputs are also relevant and support the needs of this area</p>
<b>Specific Task Forces to be identified within each work stream and under each Focus Output area</b>				

Another priority topic of how to tackle *Anopheles stephensi* in Africa has been identified but not yet defined (however collaboration between VCWG and MSWG is considered relevant given urban focus).

## Proposed next steps

- VCWG Workstream operations are in development as Task Forces are currently being established around the priority topics.
- Using '*What, how, who, when, where?*'
  - The previous slides identify some of the '*what?*'
  - The '*who?*' is starting to be defined within Task Forces
  - Right time to establish the '*how?*' between VCWG & MSWG
  - The when and where will (should!) follow
- Propose for Co-Chairs and relevant Workstream Co-Leads from both MSWG and VCWG to connect and discuss concrete plan to advance these topics.