



Vector Control Working Group

4 May 2022

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## 17<sup>th</sup> Annual VCWG Meeting

2022 Virtual Event

### *Session 4: Expanding the Vector Control Toolbox workstream*

Workstream Co-Leads: Sheila Ogoma and Allison Tatarsky

## Agenda Session 5: Expanding the Vector Control Toolbox

15:00-15:10	Introduction, scene setting, survey results	Co-Leads
Theme: Larval source management Facilitators: Jen Armistead and Prosper Chaki		
15:10-15:15	LSM task team updates	Jen Armistead, PMI, and Prosper Chaki, PAMCA
15:15-15:25	MESA Alliance LSM landscaping	Beena Bhamani, MESA Alliance, ISGlobal
15:25-15:35	Discussion on LSM landscaping	
15:35-15:45	Madagascar LSM project	Saraha Rabeherisoa, Madagascar NMCP
15:45-16:05	Community-based LSM: <ul style="list-style-type: none"> <li><input type="checkbox"/> Kenya</li> <li><input type="checkbox"/> Tanzania</li> </ul>	Lenson Kariuki, Kenya NMCP Denis Kailembo, Swiss TPH
16:05-16:15	Q&A	

## Agenda Session 5: Expanding the Vector Control Toolbox

Theme: Human behavior, human centered design (HCD), and vector control Facilitator: April Monroe		
16:15-16:20	Human behavior task team updates	April Monroe, Johns Hopkins Center for Communications Programs (JHCCP)
16:20-16:25	Updates on HCD workshops	Ashley Riley, JHCCP
16:25-16:45	Incorporating human behavior in vector control research: <ul style="list-style-type: none"> <li><input type="checkbox"/> AEGIS project</li> <li><input type="checkbox"/> BOHEMIA project</li> </ul>	Prisca Oria, Kenya Medical Research Institute (KEMRI), Kenya Felisbela Materrula, Manhiça Health Research Centre (CISM), Mozambique, and Caroline Jones, KEMRI
16:45-16:55	African conversations about gene drive for malaria elimination	Lina Finda, Ifakara Health Institute, Tanzania
16:55-17:05	Q&A	

## Agenda Session 5: Expanding the Vector Control Toolbox

Theme: Research updates on innovative vector control		
Facilitators: Sheila Ogoma and Allison Tatarsky		
17:05-17:15	Updates from the first release of GM males in Burkina Faso as part of Target Malaria	Franck Adama Yao, Institut de Recherche en Sciences de la Santé, Burkina Faso
17:15-17:20	Q&A	
17:20-17:30	Updates on ATSB	Michal Gez, Westham
17:30-17:35	Q&A	
17:35-17:45	Updates on Project BITE to evaluate new bite prevention tools in the Asia Pacific	David McIver, Malaria Elimination Initiative, UCSF
17:45-17:50	Q&A	
Wrap up		
Facilitators: Sheila Ogoma and Allison Tatarsky		
17:50-18:00	Discussion and wrap up	
18:00	Conclusion of session	

## Session reminders

- Please put questions in the chat, noting “Question @ [name of speaker]”
- You can also “raise hands” during Q&A and discussion sessions
- English and French translation is available
- All slides are available on the Attendee Hub
- Thank you for your participation and collaboration!

## Workstream themes and focus outputs

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

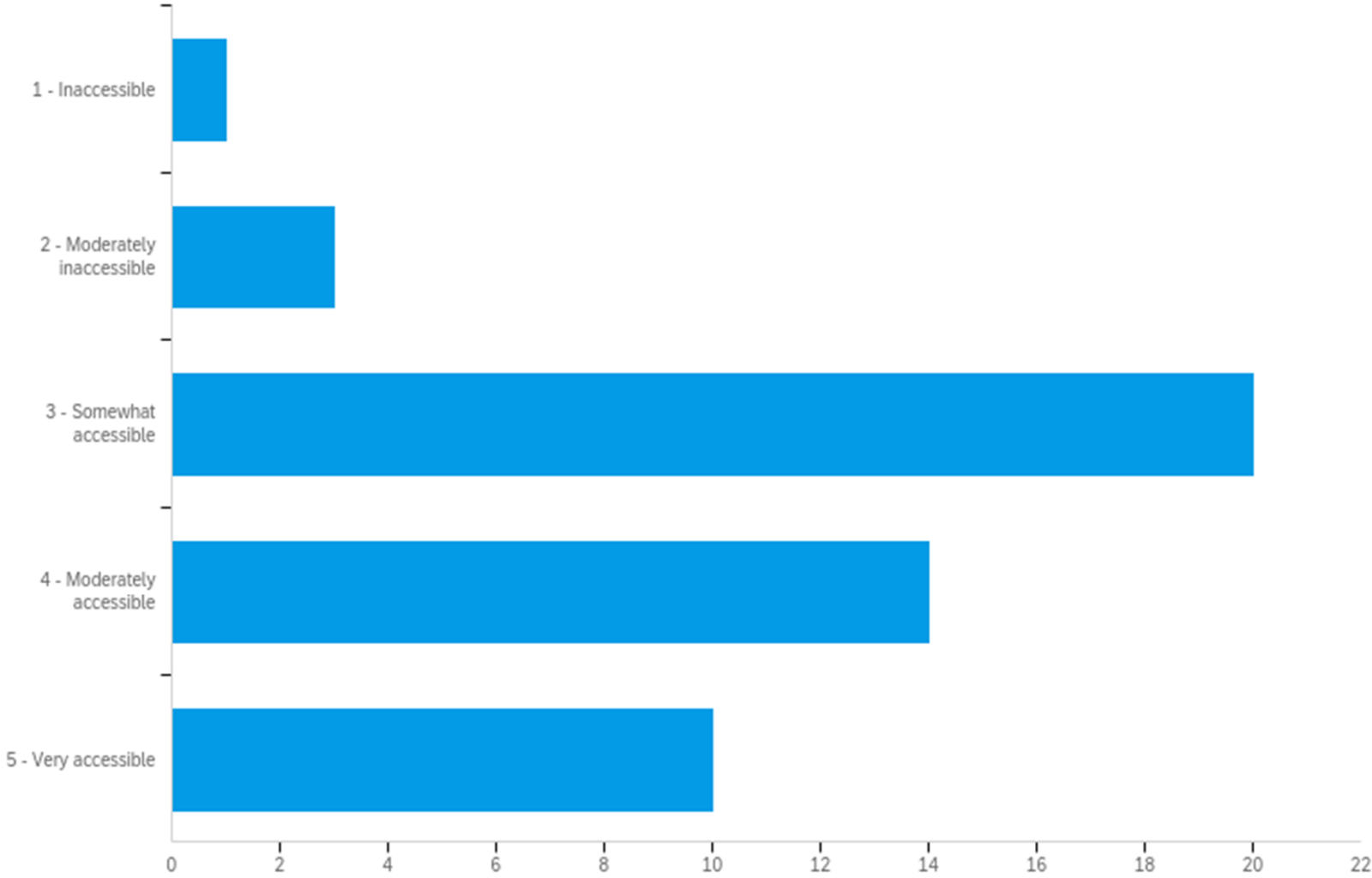
## Preliminary results from survey

### Intended to

1. Inform the RBM VCWG on the current platforms that members use to access information on vector control products
2. Guide whether there is a need to develop, optimize, or promote platforms to improve access to vector control information.

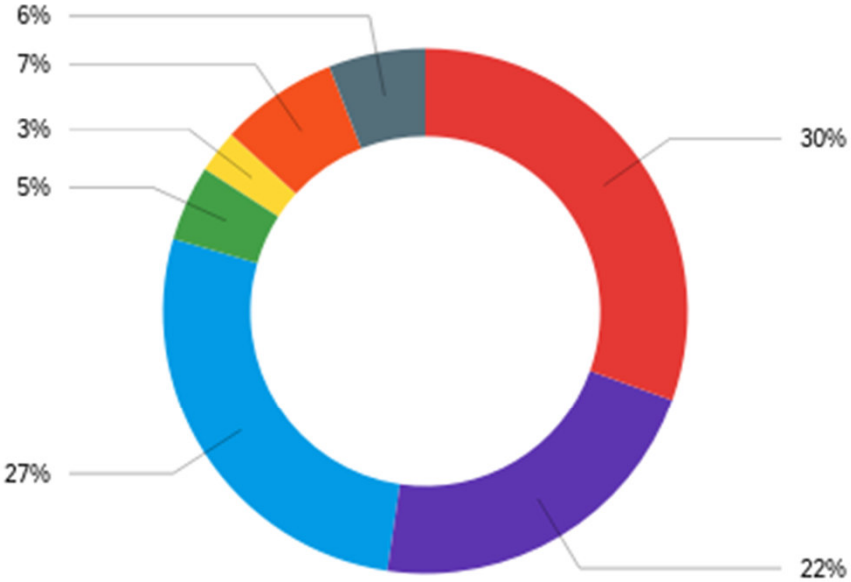
As of Monday, May 2, 51 respondents (12 NMCP, 39 partners)

On a scale from 1 to 5, 1 being inaccessible and 5 being very accessible, how accessible is information about vector control products for malaria control and elimination in your opinion?





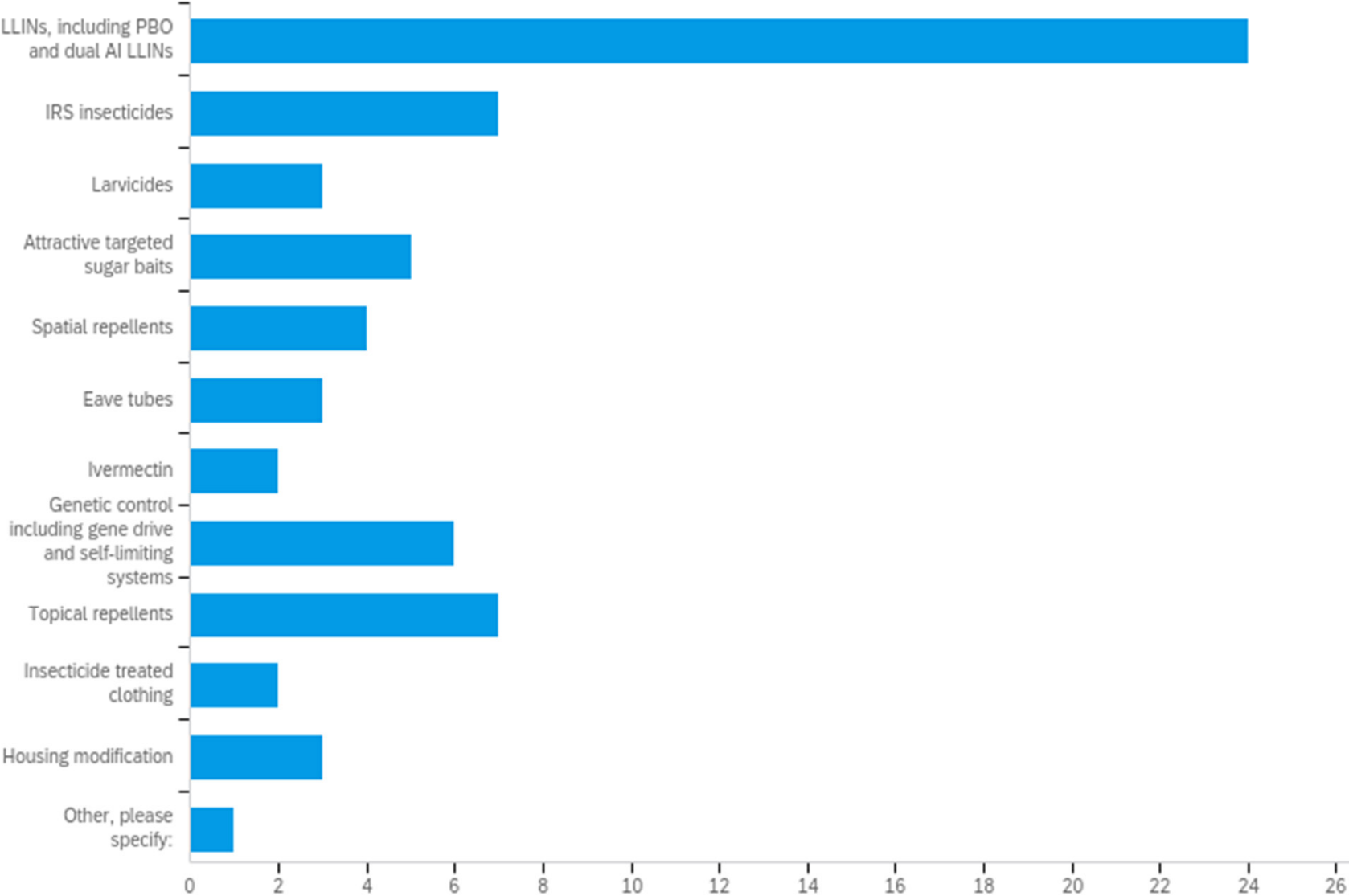
# Where do you prefer to source information on vector control tools? Select all that apply.



Legend: Websites (Red), Webinars (Purple), Conferences (Blue), Twitter (Green), Facebook (Yellow), LinkedIn (Orange), Other, please specify: (Grey)

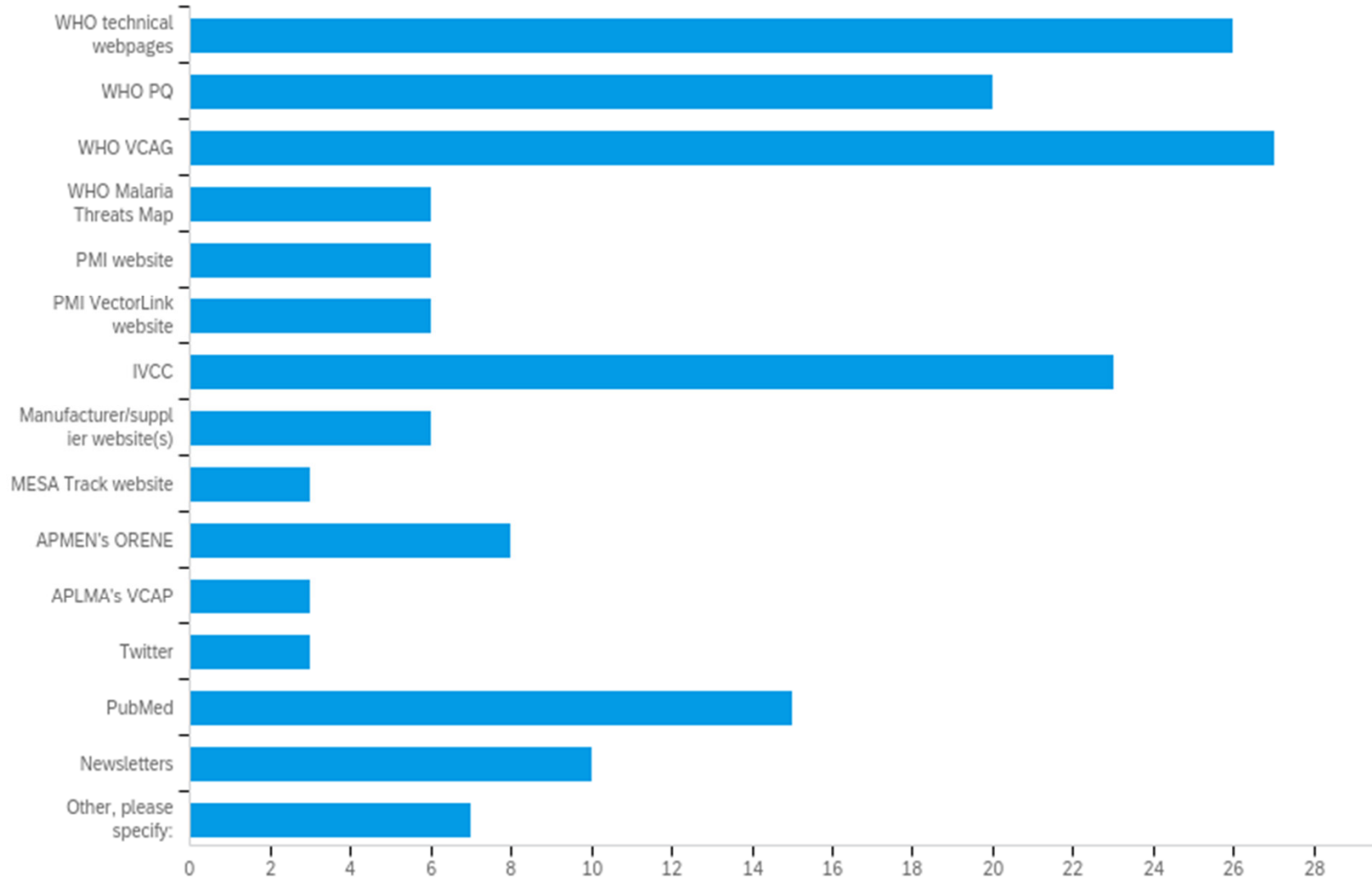
- Other:
- Newsletters
  - Research papers
  - Direct conversations with partners

# What products/paradigms are you interested in?



# Where do you normally seek information about experimental vector control products/paradigms? Select your top three

## sources



Where do you normally seek information about experimental vector control products/paradigms? Select your top three sources.

Other:

- Malaria World website
- Direct conversation with partners
- AMP website
- ResearchGate
- ASTMH and VCWG meeting presentations
- Google