Workstream one (WS1)  
Enhancing the Impact of Core Interventions  

Introduction of WS1 and Task team leaders  

Presenters: Allan Were and Mary Kante
Welcome! From the Workstream one co-leads

Allan Were
awere@msh.org

Mary Kante
mkante@eauclaireconsulting.co
Introduction to Team leads
WS1 Task Team One: *Using data to inform optimal selection and deployment of core interventions*

Ketty Ndhlovu
Zambia NMEP
ndhlovu.ketty@gmail.com

Chrispin Williams
Liberia NMCP
july18cw@gmail.com

D. Levi Hinneh
Liberia NMCP
levihinneh64@yahoo.com
Introduction to Team leads
WS1 Task Team Two: *Addressing biological threats - new insecticides for vector control*

Mulamuli Mpofu
mmpofu@chemonics.com

Christen Fornadel
Christen.Fornadel@ivcc.com
Introduction to Team leads

WS1 Task Team Three: *Capacity building, localization, and private sector involvement for sustainable vector control*

Samuel Asiedu
sasiedu@agamal.org

Jessica Rockwood
jrockwood@iphadvisors.com

Andrew Saibu
Andrew.Saibu@ivcc.com
Introduction to Team leads
WS1 Task Team Four
Private sector involvement for sustainable vector control

El Hadji Amadou Niang
elhadjiamadou.niang@ucad.edu.sn

Lucia Fernandez Montoya
lfernandez@clintonhealthaccess.org
Workstream One
Enhancing the Impact of Core Interventions

Annual Meeting 2024
Priority Issues and Perspectives

Presenters: Allan Were and Mary Kante
Health outcomes

- **2000-2022:** Estimated 2.1B malaria cases and 11.7M malaria deaths averted
- **Malaria cases:** Estimated increase of 5 million cases in 2022 (from 2021)
- **Malaria deaths:** Estimated 608,000, decreasing from 631,000 in 2020 (up from 576,000 in 2019)
- **MIP:** 12.7 million (36%) PW were exposed to malaria infection during pregnancy

*Source: World Malaria Report 2023*
Access to and use of core interventions

- **ITN Access and use**
  - 70% of HH had at least 1 ITN (2022)
  - 56% of the population had access to an ITN and 49% slept under an ITN (2022)
  - No significant increases in access to or use of ITNs since 2015, despite massive investments

- **IRS Coverage**
  - Percentage of the population at risk protected by IRS in endemic countries decreased from 5.5% (2010) to 1.8% (2022).

*Source: World Malaria Report 2023*
WS1: Annual Meeting 2024
Overview of Priority Issues and Perspectives for Core Interventions

Challenges

- **Resource constraints**: Global funding gap of $3.7B
- **Insecticide resistance**: Of 88 countries providing data, 78 detected resistance to at least one insecticide class in at least one malaria vector, and one collection site
- **ITN quality and performance**: Approx ½ of countries on average expect no more than two years of useful life from ITNs delivered
- **Instability**: From 2019–2022, 41 endemic countries suffered humanitarian and health emergencies
- **Shocks**: Famine, Flooding, Direct and indirect effects of climate variability, Extreme weather, Conflict

*Source: World Malaria Report 2023*
WS1: Annual Meeting 2024
Overview of Priority Issues and Perspectives for Core Interventions

Opportunities
• WHO recommendations for the deployment of
  • Pyrethroid-chlorfenapyr versus pyrethroid-only ITNs (strong) and versus PBO ITNs (conditional)
  • Pyrethroid-pyriproxyfen instead of pyrethroid-only ITNs (conditional)

Source: World Malaria Report 2023
Workstream One
Enhancing the Impact of Core Interventions

Agenda April 15, 2024

Presenters: Allan Were and Mary Kante
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<tr>
<th>Session</th>
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<th>Facilitators</th>
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<tr>
<td>Session 1</td>
<td>Global Insecticide Resistance (IR) and Vector Control (VC) trends and their implications for new tools, with a focus on impact and resistance monitoring</td>
<td>Team 2: Christen Fornadel, IVCC and Mulamuli Mpofu, Chemonics</td>
<td>Sylvester Coleman, LSTM Joseph Chabi, Abt Associates Rosemary Lees, Abt Associates Emily Hilton, PATH Louisa Messenger, University of Nevada</td>
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<td>Session 2</td>
<td>Optimizing VC resources – Implications of Global IR and VC trends for national planning, global funding, prioritization, and domestic financing</td>
<td>Team 4: El Hadji Amadou Niang-UCAD</td>
<td>Otuea Owusu Akrofi, NMEP Ghana Ketty Ndhlouvu, NMEP Zambia Prisca Ngo Tappa, Littoral Regional Fund for Health Promotion, Cameroon</td>
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<td></td>
<td>Afternoon break / fair-trade coffee, selection of teas, fruit juices, snacks Networking / Poster viewing</td>
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<tr>
<td>Session 3</td>
<td>From Policy to Practice: approaches on engaging private center in vector control</td>
<td>Team 3: Sam Asiedu-AGAMal, Andrew Saibu-IVCC Jessica Rockwood-IPHA</td>
<td>Robert Mugerwa, Uganda NMCD Samuel Asare-Bediako, Benso Oil Palm Plantation Otuea Owusu Akrofi, Ghana NMEP</td>
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<td>Session 4</td>
<td>Improving the effectiveness of ITN campaigns: net design, frequency of distribution, and digitizing campaigns</td>
<td>Team 1: Ketty Ndhlouvu-NMEP Zambia, Chrispin Williams-NMCP Liberia, D. Levi Hinneh-NMCP</td>
<td>Janneke Snetselaar, IVCC Andrew Glover, Imperial College Giovanni Dusabe, AMP</td>
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<td>Session 5</td>
<td>Addressing non-biological threats: ITN quality, access and use, durability/replacement</td>
<td>Mary Kante, ECC and Allan Were, MSH</td>
<td>Lucia Fernandez Montoya, CHAI [Remote presentation] Tara Seethaler, CHAI</td>
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