

# AMP The Alliance for Malaria Prevention

Expanding the ownership and use of mosquito nets

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**AMP Conference call minutes:** [www.allianceformalariaprevention.com](http://www.allianceformalariaprevention.com)

24<sup>th</sup> May 2017

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Do you have a topic / issue / country specific update to share with the AMP partnership? Send a summary of the topic you would like to discuss to: [jason.peat@ifrc.org](mailto:jason.peat@ifrc.org) or [melanie.caruso@ifrc.org](mailto:melanie.caruso@ifrc.org) and we will schedule your update at the start of an upcoming AMP conference call.

## **Agenda – May 24<sup>th</sup> AMP conference call**

Chair : Melanie Caruso

Rapporteur : Melanie Caruso

- Introductions
- Review of minutes from last week's AMP conference call
- Update Uganda PBO net study - Janet Hemingway (LSTMED)
- Country Updates
- Working Group Updates
- AOB

Next conference call: Wednesday, 31st May 2017 10:00 EST, 14:00 GMT / UTC, 16:00 CET

## **Participants:**

|                                |   |
|--------------------------------|---|
| AMF:                           | Peter Sheratt, Rob Mather   |
| AMP participants:              | Melanie Caruso, James Ssekitooleko, Hamisu Hassan, JC Youmba, Doug Mole, Greg Pirio, Jean-Marc Grégoire |
| BASF:                          | Alex Heimsch  |
| Buy a Net:                     |   |
| CDC / PMI:                     | David Gittelman, Davies , Suzanne Yimba   |
| Chemonics:                     | Mark Grabowsky  |
| CRS:                           |   |
| Disease Control Technologies:  | Andy Butenhof, Rod Flinn  |
| Global Health Partners:        | Doreen Weatherby  |
| IFRC:                          | Marcy Erskine   |
| Independent participants:      | Kevin Starace   |
| Intelligent Insect Control:    |   |
| IPHA:                          | Jessica Rockwood  |
| JC Flowers Foundation:         |   |
| JHU Centre for Communications: | Sean Blaufuss, Hunter Harig, Eric Filemyr   |
| JSI:                           |   |
| LSTMED :                       | Janet Hemingway   |



For additional information:

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and [allianceformalariaprevention@gmail.com](mailto:allianceformalariaprevention@gmail.com)

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MCDI:  
 MENTOR: Olivia Wetherill  
 Milliner Global Associates: John Milliner  
 Nets for Life:  
 PLAN Canada: Bernabe Yameogo  
 PSI: Joe Lewinski, Cedric Mingat  
 Real Relief Health: Annette Braae  
 Rotarians Action Group on Malaria: Drake Zimmerman  
 Sumitomo:  
 Tana Netting:  
 UNICEF:  
 UN Foundation: Elizabeth Ivanovich  
 USAID / PMI: Megan Fotheringham  
 VF:  
 WHO: Stefan Hoyer  
 World Vision: Gagik Karapetyan

**General updates:**

Update Uganda PBO net study - Janet Hemingway (LSTMED)

- Study Title: Impact of long-lasting insecticide treated bednets with and without piperonyl butoxide (PBO) on malaria indicators in Uganda
- Type of study : cluster-randomised trial
- Funded by: The Against Malaria Foundation
- The study protocol for the Uganda network is circulated with the minutes of this week's call
- The study started on the 15<sup>th</sup> Dec 2016 and is currently on track exactly as described in the protocol with baseline community and entomological surveys having been completed in the Wave 2 and 3 areas and being underway in the Wave 4 area where the net distribution is due to start on the 3-4<sup>th</sup> June.
- Primary objective : To evaluate the impact of combination LLINs (with PBO), as compared to conventional LLINs (without PBO), on parasite prevalence, in Eastern and Western Uganda. We will test the hypothesis that parasite prevalence will be lower in intervention clusters (health sub-districts [HSDs] randomised to receive PBO nets), than in control clusters (HSDs randomised to conventional nets) overall, and stratified by region (Eastern and Western regions).
- Secondary objectives :
  1. To evaluate the impact of PermaNet 3.0 (with PBO), as compared to PermaNet 2.0 (without PBO), on parasite prevalence.
  2. To evaluate the impact of Olyset Plus (with PBO), as compared to Olyset Net (without PBO), on parasite prevalence.
  3. To determine factors associated with effectiveness of LLINs with PBO, as compared to LLINs without PBO, including the level of insecticide resistance.
  4. To assess net survivorship, durability, and bio-efficacy in Uganda. We will conduct cross-sectional surveys to determine net survivorship, attrition, and use, and will supplement these with laboratory assessments of net durability and bio-efficacy.

**AMP working group updates:**

**Country support working group:**

Chair: Marcy Erskine IFRC – [marcy.erskine@ifrc.org](mailto:marcy.erskine@ifrc.org)

Current AMP TA missions :

| Country | Type of technical support requested from AMP | Partner / Funding source | Mission dates |
|---------|--|--------------------------|---------------|
| Liberia | Logistics, Implementation, Communication     | AMP                      | May 2017      |

|                |           |     |          |
|----------------|-----------|-----|----------|
| <b>Burundi</b> | Logistics | AMP | May 2017 |
|----------------|-----------|-----|----------|

Planned AMP TA missions 2017 :

| <b>Country</b>           | <b>Type of technical support requested from AMP</b> | <b>Partner / Funding source</b> | <b>Mission dates</b> |
|--------------------------|---|---------------------------------|----------------------|
| <b>DRC</b>               | Implementation and Logistics                        | PSI                             | TBD 2017             |
| <b>Benin</b>             | Implementation, Communications and Logistics        | AMP                             | Continuous 2017      |
| <b>Burkina Faso</b>      | Grant planning                                      | TBD                             | Q3 2017              |
| <b>Burundi</b>           | Implementation and Logistics                        | GF                              | Continuous 2017      |
| <b>CAR</b>               | Logistics and Communication                         | IFRC                            | Q1 2017              |
| <b>Congo Brazzaville</b> | Grant planning                                      | TBD                             | Q3 2017              |
| <b>Djibouti</b>          | Implementation                                      | TBD                             | Q3 2017              |
| <b>Nigeria</b>           | Implementation                                      | AMP/IFRC                        | Continuous 2017      |
| <b>Mauritania</b>        | Implementation and Logistics                        | GF                              | Continuous 2017      |
| <b>Mozambique</b>        | Implementation and Logistics                        | AMP                             | Continuous 2017      |
| <b>Liberia</b>           | Implementation, Logistics and Communication         | AMP                             | Continuous 2017      |
| <b>Pakistan</b>          | CMA   | GF                              | TBD                  |
| <b>Somalia</b>           | TBD   | TBD                             | TBD                  |
| <b>Sudan</b>             | TBD   | TBD                             | TBD                  |
| <b>Togo</b>              | Communication and M&E                               | GF                              | TBD                  |

Completed AMP TA support (distance and in-country) in 2017:

| <b>Country</b>       | <b>Type of technical support requested from AMP</b>         | <b>Partner / Funding source</b> | <b>Mission dates</b>   |
|----------------------|---|---------------------------------|--|
| <b>Benin</b>         | Logistics<br>Implementation<br>Surge Logistics<br>Logistics | AMP<br>AMP<br>AMP<br>AMP        | March 2017<br>March/April 2017<br>March/April 2017<br>April/May 2017 |
| <b>Burundi</b>       | Logistics   | ALMA                            | March 2017   |
| <b>CAR</b>           | Logistics<br>Implementation                                 | IFRC<br>IFRC                    | March 2017<br>May 2017   |
| <b>DRC</b>           | Implementation<br>Implementation                            | PSI<br>PSI                      | February 2017<br>March 2017  |
| <b>Guinea Bissau</b> | Implementation<br>Logistics                                 | AMP<br>UNDP                     | January 2017<br>April/May 2017                                       |
| <b>Mauritania</b>    | Logistics   | SENL                            | March/April 2017   |

|  |  |             |                                 |
|--|--|-------------|---------------------------------|
| <b>Mozambique</b>  | Logistics                                      | AMP         | February 2017                   |
| <b>Nigeria</b>   | Implementation<br>Implementation               | AMP<br>CRS  | February 2017<br>April/May 2017 |
| <b>Sierra Leone</b>  | Implementation (x2) and Logistics<br>Logistics | AMP<br>NMCP | January 2017<br>March 2017      |
| <b>Tanzania</b>  | CMA  | VectorWorks | January 2017                    |
| <b>Togo</b>  | Logistics                                      | AMP         | February 2017                   |
| <b>Total # of countries supported by AMP in 2017 (in-country):</b> |  | <b>11</b>   |                                 |

**Emerging issues working group:**

**Co-chairs:** Megan Fotheringham – USAID/PMI [mfotheringham@usaid.gov](mailto:mfotheringham@usaid.gov) ; Caroline Desrousseaux VF - [cde@vestergaard.com](mailto:cde@vestergaard.com))

- The last EIWG call took place on May 4 to provide updates on ITN preferences and ITN repurposing discussions from the recent VCTEG meetings.
- Minutes of the call will be circulated shortly

**Monitoring, Operational Research, and Evaluation (MORE) working group:**

**Co-chairs:** (David Gittelman - CDC/PMI [dmg1@cdc.gov](mailto:dmg1@cdc.gov) and Elizabeth Ivanovich UNF - [eivanovich@unfoundation.org](mailto:eivanovich@unfoundation.org) ; Mame Birame – USAID/PMI Senegal [mdbiouf@usaid.gov](mailto:mdbiouf@usaid.gov); and Sylvester Maleghemi – WHO, Nigeria [tojumaleghemi@yahoo.co.uk](mailto:tojumaleghemi@yahoo.co.uk))

- Finalising revisions to the AMP toolkit chapter on M&E – will go to editing and layout soon

**Net mapping project working group:**

**Chair:** John Milliner – Milliner Global Associates [jemilliner@gmail.com](mailto:jemilliner@gmail.com)

- No update

**AMP ‘ACTIVE COUNTRIES’**

Countries where AMP is currently providing technical assistance via in-country missions or distance support.

**AMP ‘Active Countries’ updates provided on May 24<sup>th</sup> AMP call: Angola, Burundi, CAR, Liberia, Pakistan**

**Angola:**

| <b>Population at risk of malaria in Angola :</b>                     |   | <i>19,600,000 (World Malaria Report, 2012)</i> |   |  |  |  |                                   |
|--|---|--|---|--|--|--|-----------------------------------|
| <b>Required LLINs :</b>  |   | <i>10,888,888</i>                              |   |  |  |  |                                   |
| <b>LLINs imported into the country three years prior to update :</b> |   | <i>4,850,646 (AMP Net Mapping Project)</i>     |   |  |  |  |                                   |
| <b>Distribution channel</b>  | <b>Scale of distribution</b>                        | <b># LLINs needed per distribution channel</b> | <b># LLINs available per distribution channel</b> | <b>LLIN gap per distribution channel</b> | <b>Budget gap per distribution channel</b> | <b>Technical assistance requested with date per distribution channel</b> | <b>Date of most recent update</b> |
| <b>Mass distribution</b>   | Phased approach by province – 1LLIN/2 people - 2013 | 11,700,000                                     | 7,484,312   | 3,669,125                                |  | Implementation , Logistics   | 03.04.13                          |

|               |            |                   |                  |                  |  |  |            |
|---------------|------------|-------------------|------------------|------------------|--|--|------------|
| ANC           |            |                   |                  |                  |  |  |            |
| EPI           |            |                   |                  |                  |  |  |            |
| <b>Totals</b> | <b>N/A</b> | <b>11,700,000</b> | <b>7,484,312</b> | <b>3,669,125</b> |  |  | <b>N/A</b> |

**Update on May 24<sup>th</sup> AMP conference call:**

- 15 provinces being covered
- 1<sup>st</sup> phase launched on May 16<sup>th</sup> and then mini launches in all other provinces
- PSI is the implementing partner
- Household Registration has started
- Nets will be distributed to municipalities
- VectorWorks is conducting an end process evaluation with a focus on 2 provinces.
- Second phase starting early October

**Benin:**

| <b>Population at risk of malaria in Benin</b>                        |   | <i>10,328,934 (2014 population)</i>            |   |  |  |  |                                   |
|--|---|--|---|--|--|--|-----------------------------------|
| <b>Required LLINs :</b>  |   | <i>5,738,297</i>                               |   |  |  |  |                                   |
| <b>LLINs imported into the country three years prior to update :</b> |   | <i>4,845,882 (AMP Net Mapping Project)</i>     |   |  |  |  |                                   |
| <b>Distribution channel</b>  | <b>Scale of distribution</b>                            | <b># LLINs needed per distribution channel</b> | <b># LLINs available per distribution channel</b> | <b>LLIN gap per distribution channel</b> | <b>Budget gap per distribution channel</b> | <b>Technical assistance requested with date per distribution channel</b> | <b>Date of most recent update</b> |
| <b>Mass distribution</b>   | <i>National universal coverage replacement campaign</i> | <i>5,738,297</i>                               | <i>6,050,272 (GF 5.245.272, USAID 280.000)</i>    | <i>0</i>                                 |  | <i>Logistics and longer term coordination</i>                            | <i>16.07.14</i>                   |
| <b>ANC</b>   |   |  |   |  |  |  |                                   |
| <b>EPI</b>   |   |  |   |  |  |  |                                   |
| <b>Totals</b>  | <b>N/A</b>  | <i>5,738,297</i>                               | <i>6,050,272</i>                                  | <b>0</b>                                 |  |  | <b>N/A</b>                        |

**Ongoing issues:**

- PNLP is finding it hard to understand the reception process required for containerised delivery of nets
- Working now on implementation for first phase
- Behind on local procurement
- Some tension between NMCP and AMP team which needs to be resolved
- David Gittelman from CDC PMI travelling to Benin in a couple of weeks so may be able to take some of these issues up with the country team
- The logistics training is critical before we start receiving the nets. At each drop off point, they will now have both containers + the supplementary storage to manage. Each container will need its own stock sheet, same for the supplementary storage. And then all of that should be compiled in the registre d'entrepot (even though it's not a single entrepôt) so that the tracking of the LLINs is clear and transparent from the time of reception at the department level and through the supply chain to the beneficiaries.
- While container delivery may seem easy, it's actually more complicated than managing a single warehouse where your stock sheet tracks arrivals and departures from one location

**Burundi:**

|   |   |
|---|---|
| <b>Population at risk of malaria in Burundi :</b> | <i>6,690,000 (World Malaria Report, 2012)</i> |
|---|---|

| <b>Required LLINs :</b>  |                             |   |  | 3,716,667                           |                                     |   |                            |
|--|-----------------------------|---|--|-------------------------------------|-------------------------------------|---|----------------------------|
| <b>LLINs imported into the country three years prior to update :</b> |                             |   |  | 4,433,813 (AMP Net Mapping Project) |                                     |   |                            |
| Distribution channel   | Scale of distribution       | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel   | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | UC 1.8 ratio Feb/March 2014 | 5,165,200                               | 5,158,410                                  | 6,790                               |                                     | Implementation , Logistics  | 03.04.13                   |
| ANC  |                             |   |  |                                     |                                     |   |                            |
| EPI  |                             |   |  |                                     |                                     |   |                            |
| <b>Totals</b>  | <b>N/A</b>                  | <b>5,165,200</b>                        | <b>5,158,410</b>                           | <b>6,790</b>                        |                                     |   | <b>N/A</b>                 |

#### Update on May 24<sup>th</sup> AMP conference call

- Sitrep attached to the minutes of this week's call
- Burundi is preparing a LLIN mass distribution campaign to an estimated population of 11,649,050 scheduled at this time for mid-July 2017.
- After quantification for a universal coverage campaign, 6,471,692 LLINs were ordered in mid-October 2016. PNILP (National malaria control Program) and CARITAS Burundi are co-PRs in the management of the Global Fund financed Burundi campaign
- Direct delivery to all 18 provinces should finish in late June 2017. LLINs will then be positioned in 129 warehouses at Commune level till the week before distribution where they will be shipped to an estimated 1,849 Distribution Points.
- The macro-positioning plan established the delivery strategy whereby 75 % of the nets are to be delivered from Tanzania directly to the provincial warehouses and 25% to a central storage facility in Bujumbura. Population numbers from the micro-planning exercise with a variance in provincial numbers from 12 to 52 % have justified this approach. All 18 provinces will receive nets from central stock to adjust their supply according to micro-plan population numbers.
- The national population total according to the recent micro-planning exercise is estimated at 11,658,400. There are enough nets in country from other sources to cover the needs of this increased planning population estimate.
- Jean Marc Grégoire, AMP TA provider, is in country from May 18<sup>th</sup> to 30<sup>th</sup>, 2017
- Arrival in country was planned for May 16 but was delayed by procedure to get visa on arrival at airport
- Meeting with NMCP and Caritas May 19<sup>th</sup> to receive campaign work documents, review TA needs, and challenges created by the fuel shortages due to importing restraints.
- Final validation of Micro- plans and their data was completed on May 16<sup>th</sup>
- Due to shortages and uncertainty as to fuel supply, long line-ups at few outlets NGO's and government have had to re-assess priorities for which activities can be implemented.
- Caritas administrative support and project follow-up vehicles are parked. Min of Health vehicles are at office. Provincial level training of facilitators for HH registration and distribution may be in jeopardy, Facilitators from capital might not find fuel for return trip.
- Household registration activates planned for June 5<sup>th</sup> to 16<sup>th</sup>.
- Direct delivery of LLINs from the supplier has started in 3 provinces.
- Bale size (Volume= Length x width x height) on packing list is twice that used for budget calculation.
- Warehouse visit and bale measurement establish volume (m3) at 0,165 and not 0,205 as in pack list.
- Budget calculated on m3 of 0,104. Recent deliveries to other countries have been 0,090 to 0.110 m3.
- Storage capacity plan for central, provincial and Commune facilities re-calculated to identify if identified central and provincial storage capacity is sufficient.

- Macro Transport plans has also been re-calculated to Commune level.
- Fuel needs for LLIN transport to commune level estimated for contract discussion with transporters. Contracts may be negotiated with LLIN program supplying fuel through government quotas.

**Central African Republic (CAR):**

| <b>Population at risk of malaria in CAR :</b>                        |   | 4,490,000 (World Malaria Report, 2012)  |  |                                   |                                     |   |                            |
|--|---|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |   | 2,494,445                               |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |   | 162,870 (AMP Net Mapping Project)       |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution   | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | 2014 phase 2 rolling distribution according to security situation | 2.2 million                             | 2.2 million GF R8 phase 2                  | 0                                 |                                     | Micro planning  | 30.04.2014                 |
| ANC  |   |   |  |                                   |                                     |   |                            |
| EPI  |   |   |  |                                   |                                     |   |                            |
| <b>Totals</b>  | <b>N/A</b>  | <b>2.2 million</b>                      | <b>2.2 million</b>                         | <b>0</b>                          |                                     |   | <b>N/A</b>                 |

**Update on May 24<sup>th</sup> AMP conference call:**

- Sitrep attached to the minutes of this week's call
- Jean Christian Youmba: focal point for upcoming LLIN campaign based in Bangui on the call
- The country has organized mass distribution campaigns in 2010-2011 and 2014-2015, respectively.
- In total in the last year of 2015, 2.242.200 million LLINs were distributed in mass campaigns in health regions 1, 2 and 3 under the responsibility of the SLP and the IFRC with the collaboration of partners. UNICEF also supported health districts and humanitarian NGOs in distributing 473,000 LLINs through other channels (routine, internally displaced persons [IDPs]) in all health regions.
- The planned mass campaign in regions 4, 5 and 6 will be organized to cover the remaining unprotected population. A total of 1,985,024 LLINs are expected to be delivered to CAR this year, ie (850,456) for the mass campaign in the RS 4, 5 and 6, (694651) for Bangui and (439967) to routine distribution.
- Microplanning exercise is being planned
- Preparation for the celebration of World Malaria Day postponed to Friday, May 26, 2017
- Presentation of the Draft of the communication plan and discussion and establishment of a working group for its finalization
- Preparation of the organization of the first meeting of the national steering committee of the LLIN campaign 2017
- Preparation of the draft1 of the campaign communication plan by the Social Mobilization Working Group
- Determination of the list of participants in the Microplanning Facilitator Training Workshop
- Finalization of the model for the supply voucher
- Preparation of the training manual for actors involved in the implementation of the LLIN campaign
- Finalization of the agenda of the training workshop for trainers in microplanning
- Finalization of the Action Plan for the Bangui Campaign
- Preparation of the training schedule

- Selection of partners and contracting
- Examination of offers from LLIN carriers to current sub-prefectures
- Continuation of monthly inventories of Bangui warehouses

**Chad:**

| <b>Population at risk of malaria in Tchad :</b>                      |                                       |   |  | 11,410,000 (World Malaria Report, 2012) |                                     |   |                            |
|--|---------------------------------------|---|--|---|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                                       |   |  | 6,338,889                               |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                                       |   |  | 8,577,547 (AMP Net Mapping Project)     |                                     |   |                            |
| Distribution channel   | Scale of distribution                 | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel       | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | 2014 TFM to cover 9 regions out of 11 | 8,177,640                               | 8 151 792                                  | 146 943                                 |                                     |   | 03.04.13                   |
| Continuous distribution  | 2013 routine distribution only        |   | 762,941                                    |   |                                     |   |                            |
| ANC  |                                       |   |  |   |                                     |   |                            |
| EPI  |                                       |   |  |   |                                     |   |                            |
| <b>Totals</b>  | <b>N/A</b>                            | <b>8,177,640</b>                        | <b>7,148,020</b>                           | <b>1,792,561</b>                        |                                     |   | <b>N/A</b>                 |

**Ongoing issues:**

- The 3<sup>rd</sup> Chad Universal Coverage LLIN distribution campaign started in January 2017. 1<sup>st</sup> in 2011 and 2<sup>nd</sup> in 2014.
- Estimated 2017 campaign target population of 9,428,950/1,571,492 HHs living in 12 of the country's 23 regions.
- 6,582,600 LLINs (including a buffer stock of 1 million) LLINs were procured
- The 2017 campaign is implemented in 5 phases as per table below.

| Phases | Regions                                     | Log base storage | Micro Plan (incl. validation) | Registration (incl. Validation) | Distribution       | Observation                        |
|--------|---|------------------|-------------------------------|---------------------------------|--------------------|------------------------------------|
| I      | Mandoul and Moyen Chari                     | Moundou          | 2 - 19<br>Oct-16              | 12 - 29<br>Dec-16               | 22 - 23<br>Feb-17  | Done                               |
| II     | Logone occidental and Logone oriental       | Moundou          | 13 - 20<br>Dec-16             | 1 - 8<br>Feb-17                 | 9 - 11<br>March-17 | Done                               |
| III    | Mayo Kebi Est, Mayo Kebi Ouest and Tandjilé | Bongor           | 11 - 26<br>Jan-17             | 13 - 20<br>March-17             | 10-13<br>April-17  | In process distribution, next week |
| IV     | Guera, Salamat and Chari Baguirmi           | Mongo            | 17/3 – 2/4                    | 16 -23<br>Apr-17                | 9 – 11<br>May-17   | M-plan just completed              |
| V      | Hadjer Lamis and Lac                        | Ndjamena         | 10 – 18<br>Apr-17             | 21 -28<br>May-17                | 5 – 7<br>Jun-17    | Not started yet                    |
| VI     | Sila  | Abéché           | October -November 2017        |                                 |                    |                                    |

\*\* dates are temporary and will be updated according to implementation and plan changes

- Kamel Maina - Independent consultant: UNDP hired - Arrived in country on February 23, 2017.  
Dates for mission: Feb 23 – May 9<sup>th</sup>, 2017  
Terms of reference – Technical support to UNDP/PALAT/NMCP Chad in coordination of the 2017 universal coverage LLIN distribution campaign, carried out in 12 regions.
- Strategy, Action Plan, Templates and Tools were developed by 2 AMP Technical Assistance Missions in Oct and Dec 2016;
- WFP is contracted for in country storage and transport from 5 national log bases to DPs;
- As of this date 5,817,080 (93%) LLINs arrived in country. The 7% remaining LLINs are planned to arrive during third week of May before the rain and on time for the last phase distribution;
- Communication campaign has been weak during the first two phases but now improving with radio and TV dissemination of messages and advocacy program during distribution; The weaknesses were in part due to limited HR at the PR level;
- The Communication materials have been developed and available during registration and distributions;
- Independent monitoring is ongoing during the registration of households by WHO and INSEED; To date all but 2 third phase locations passed the 90% threshold;
- Temporary analysis shows an increase (to micro-plan) of generally 2-3% of population and around 10% households;
- No security or major transport issues reported during current LLINs positioning for the third phase;
- The consultant went to the field during the registration process for the third phase; Field report (in French) available upon request;
- Field monitoring missions are on-going along NMCP supervision missions;

**DRC:**

| <b>Population at risk of malaria in DRC :</b>                        |                                      | 67,730,000 ( <i>World Malaria Report, 2012</i> ) |   |  |  |  |                                   |
|--|--------------------------------------|--|---|--|--|--|-----------------------------------|
| <b>Required LLINs :</b>  |                                      | 37,627,777                                       |   |  |  |  |                                   |
| <b>LLINs imported into the country three years prior to update :</b> |                                      | 30,803,765 ( <i>AMP Net Mapping Project</i> )    |   |  |  |  |                                   |
| <b>Distribution channel</b>  | <b>Scale of distribution</b>         | <b># LLINs needed per distribution channel</b>   | <b># LLINs available per distribution channel</b> | <b>LLIN gap per distribution channel</b> | <b>Budget gap per distribution channel</b> | <b>Technical assistance requested with date per distribution channel</b> | <b>Date of most recent update</b> |
| <b>Mass distribution</b>   | Rolling region by region – 2010-2012 | 35 million                                       | 19,094,251  | 13,445,599                               | 2.3 million\$                              |  | 03.04.13                          |
| <b>ANC</b>   |                                      |  |   |  |  |  |                                   |
| <b>EPI</b>   |                                      |  |   |  |  |  |                                   |
| <b>Totals</b>  | <b>N/A</b>                           | <b>35,000,000</b>                                | <b>19,094,251</b>                                 | <b>13,445,599</b>                        |  |  | <b>N/A</b>                        |

**Ongoing issues:**

- Timelines for campaigns being reviewed by GF – looking tight
- Waiting to see all macro documents that need to be finalised for a final review by AMP
- Need distance support on logistics to review microplanning
- AMP TA provider has travelled to DRC on a PSI contract to provide technical support to the campaign
- Yves Cyaka was in Kinshasa supporting NMCP to review the campaign guidelines and support micro planning preparations
- AMP had a call with Gates Foundation, PSI, and GF to look at using spatial and satellite imagery to improve population estimates. Focus is on sleeping sickness as DRC is the worst affected country.

Biggest issue was getting updated maps for the planning – satellite imagery is now done for 3 metres above ground – every community is extracted from this data. They compared this to government maps that do not show population changes – sending teams out now to do data collection and do random sample to pull out data – AMP will organise for these partners to get onto a call and present this to the wider AMP partnership.

**Ghana:**

| <b>Population at risk of malaria in Ghana :</b>                      |  | 25,000,000 (World Malaria Report, 2012) |  |                                   |                                     |   |                            |
|--|--|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |  | 13,888,888                              |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |  | 15,780,153 (AMP Net Mapping Project)    |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution  | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | Door-to-door stand alone hang up campaigns completed in 2012 | 13 million                              |  | 0                                 |                                     |   | 03.04.13                   |
| ANC  |  |   |  |                                   |                                     |   |                            |
| EPI  |  |   |  |                                   |                                     |   |                            |
| <b>Totals</b>  | <b>N/A</b>   | <b>13 million</b>                       |  | <b>0</b>                          |                                     |   | <b>N/A</b>                 |

**Ongoing issues:**

- LLIN distribution has been completed in Northern Ghana and Greater Accra
- The Upper West Region of the country has still not been covered.
- AMF is supporting a 2.7 million net distribution which is ongoing in Ghana
- First part completed
- Next 2 phases to be completed in July in Upper West and Greater Accra regions
- Working well with partner ERD
- NMCP had a tough period last year and now things are up and running again and no delays are foreseen

**Guinea Bissau:**

| <b>Population at risk of malaria in Equatorial Guinea :</b>          |                       |   |  |                                   |                                     |   |                            |
|--|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                       |   |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                       |   |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass   |                       |   |  |                                   |                                     |   |                            |

|                     |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|
| <b>distribution</b> |  |  |  |  |  |  |  |
| <b>ANC</b>          |  |  |  |  |  |  |  |
| <b>EPI</b>          |  |  |  |  |  |  |  |
| <b>Totals</b>       |  |  |  |  |  |  |  |

**Ongoing issues:**

- Guinea-Bissau is implementing a Universal Coverage LLIN distribution campaign planned for an estimated population of 1 821 040. In compliance with the three-year replacement cycle to maintain universal coverage the 2017 campaign is a follow up to the 2014 LLIN universal distribution campaign
- After quantification for a universal coverage campaign (population/1,8) based on giving 1 net per 2 people, a purchase of 1,112,858 LLINs was processed. The nets arrived in country, and the containers have been in secured storage awaiting shipment from Bissau to regions, health areas and eventually Distribution Points for a distribution planned at end of May.
- Consultant in country: Jean Marc Grégoire from April 24<sup>th</sup> to May 13<sup>th</sup>, 2017
- After the micro-planning exercise population has been projected at 2 128 864 with a corresponding need of 1 182 702 LLINs. If Household registration confirms this increase LLINs will be taken from routine reserve stock and used in the 2017 campaign;
- Household registration visits to an estimated 464 028 households was planned from April 24 to 30<sup>th</sup>. Delays due to late delivery of materials (principally coupons) have extended the exercise. As of May 9<sup>th</sup> household registration activities are completed in all but a few areas of the greater Bissau area;
- Transport providers for shipment of 24 LLIN containers to Health Centre areas have been selected.
- Teams have been selected and briefed on procedures for inventory and reception of LLINs from the containers before their dispatch to the 117 Health Centre areas;
- A 2 day validation exercise of household registration results supported by data from the independent monitors reports;
- Transport of LLINs from Bissau will start May 12<sup>th</sup> and pre-positioning to Health centres should be complete by May 22<sup>nd</sup>, so that final positioning to the estimated 1 463 Distribution Points be done from May 25<sup>th</sup> to 29<sup>th</sup>;
- Training of Distribution Point personnel is planned for May 26<sup>th</sup> and 27<sup>th</sup>.
- Distribution of LLINs to beneficiaries is still programmed for May 31<sup>st</sup> to June 4<sup>th</sup>.

**Liberia:**

| <b>Population at risk of malaria in Liberia :</b>                    |   |  |  | 4,130,000 (World Malaria Report, 2012)   |  |  |                                   |
|--|---|--|--|--|--|--|-----------------------------------|
| <b>Required LLINs :</b>  |   |  |  | 2,294,444                                |  |  |                                   |
| <b>LLINs imported into the country three years prior to update :</b> |   |  |  | 2,896,136 (AMP Net Mapping Project)      |  |  |                                   |
| <b>Distribution channel</b>  | <b>Scale of distribution</b>                                  | <b># LLINs needed per distribution channel</b> | <b># LLINs available per distribution channel</b>                      | <b>LLIN gap per distribution channel</b> | <b>Budget gap per distribution channel</b> | <b>Technical assistance requested with date per distribution channel</b> | <b>Date of most recent update</b> |
| <b>Mass distribution</b>   | Planned country wide mass distribution (last quarter of 2014) | 2,195,796                                      | <b>1,159,089</b><br>GF<br><b>289,280</b><br>surplus from routine LLINs | 169,726                                  |  | Logistics and Implementation TA  | 09.10.13                          |
| <b>ANC</b>   |   |  | <b>577,700</b>   |  |  |  |                                   |

|        |     |           |           |         |  |  |     |
|--------|-----|-----------|-----------|---------|--|--|-----|
|        |     |           | USAID-PMI |         |  |  |     |
| EPI    |     |           |           |         |  |  |     |
| Totals | N/A | 2,195,796 | 2,026,069 | 169,726 |  |  | N/A |

**Update on May 24<sup>th</sup> AMP conference call:**

- Sitrep attached to the minutes of this week's call
- Liberia LLIN mass distribution campaign, which is supported by the Global Fund, is slated to take place between January and March 2018.
- Approximately 2.6 million LLINs will be distributed to 15 counties within Liberia with the objective of achieving universal coverage of the entire population.
- NMCP/MOHSW will ensure that the normative guidance is set for the campaign and will be responsible for procurement of the LLINs, as well as coordination, supervision and monitoring of the campaign.
- PLAN International is the PR and will work with contracted Service Providers to fulfill implementation. PMI is supporting the TA provided by AMP.
- Liberia's last campaign took place in 2015. The campaign planning commenced in October 2013, but the unexpected eruption of the EBV situation in Liberia led to a need to change strategies for the distribution in line with recommendations around personal contact and procurement (warehousing, transport, printing, etc.) was a challenge given increasing demand on limited supply. Despite the challenges of the previous campaign, over 2.5M LLINs were distributed to beneficiaries throughout the country.
- During this second week in-country, group meetings were held with the Macro Planning Team (MPT) consisting of NMCP, Plan, VectorWorks and AMP) daily to move forward discussions related to the macroplanning based on the lessons from previous campaigns and 2018 implementation campaign proposed plan.
- An introductory meeting was held on May 18 with PMI / USAID Country Office to brief on the AMP TA mission and terms of reference. Updates on campaign discussions, objections and background of the 2018 LLIN campaign were discussed.
- Microplanning – time was spent to review the process used in the past campaign and to discuss how we can improve in 2018. Given the long time since the census, early and detailed microplanning to update the population figures is going to be critical, particularly if there is a need to mobilize additional resources to fill an expected gap in nets.
- LLIN allocation and beneficiary identification – the LLIN allocation for macro planning purposes will be the same as for the previous campaign (1 net to 2 people, maximum 3 nets per household). The NMCP and Plan have opted for a voucher distribution during the household assessment, and discussions centred around ensuring that vouchers are not falsifiable, particularly the ones that will be used in Monrovia.
- LLIN distribution – the distribution of LLINs will be done through a fixed site approach. During the previous campaign, a fixed site approach was used for the distribution of 100,000 PMI-funded nets in Monrovia. One of the critical lessons learned from that experience was a need for strengthened communication, given that people are used to nets being distributed door-to-door in previous campaigns.
- Supervision, monitoring and evaluation – the process used in the previous campaign was reviewed and it was agreed to reinforce elements that were done well and strengthen aspects that were less successful. The NMCP M&E team will review documents related to the rapid monitoring during the household assessment and make a decision on the interest in pursuing this type of monitoring.
- Radio in Monsterrado county was discussed on 2 key criteria, first the look of the audience and second the broadcast coverage.
- Discussion were held on possible procurement of radio stations time at county seats and county radio stations – broadcast coverage /number of stations (population).
- Risk mitigation was developed as a draft document covering communication possible risks.
- Discussions on empowering community health volunteers in IPC technics to improve hang-up and use rates.
- It was discussed to clearly communicate with the GF the country's procurement qualification requirements, ensuring compliance with the campaign strategy.
- NMCP has planned to place macro LLIN procurement order including containers & buffer plus warehousing for central level in Monrovia.
- Discusses were held on responsibility of PLAN Liberia developing calls for tender for warehousing at central level (Monsterrado & buffer).

- Review and discussions were held on Macro delivery decision on whether to purchase shipping containers (end of life) or acquire physical storage space at county levels. Further research was agreed on to provide better clarity.
- Processes and budget implications on LLIN reverse logistics were reviewed with Plan Liberia and NMCP. As well, reversed logistics roles & responsibilities for service providers (for each distribution point) planning was initially formed.
- Vouchers will be received at county levels by a reception committee for each county. Management of vouchers to be further discussed to ensure security of the vouchers (as vouchers are nets).
- District level storage – locations to be assessed during review of quotations to be collected at district level (by Plan Liberia or Service Providers).
- A TA debrief is scheduled for Friday, May 26 at 11:00 at NMCP’s conference room. Prior to debrief, a sample of a monthly worksheet/roadmap will be reviewed. This roadmap will be useful during weekly calls with AMP to track progress and/or completion of critical implementation actions.
- An additional technical TA, James Ssekitooleko arrived in country on May 20, 2017 for the last remaining week of support. Both communications and logistics TAs will be departing mission area on May 26, 2017.

**Mauritania:**

| Population at risk of malaria in Mauritania:                  |                       |   |  |                                   |                                     |   |                            |
|---|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs :  |                       |   |  |                                   |                                     |   |                            |
| LLINs imported into the country three years prior to update : |                       |   |  |                                   |                                     |   |                            |
| Distribution channel  | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution   |                       |   |  |                                   |                                     |   |                            |
| ANC   |                       |   |  |                                   |                                     |   |                            |
| EPI   |                       |   |  |                                   |                                     |   |                            |
| Totals  |                       |   |  |                                   |                                     |   |                            |

**Ongoing issues:**

- Nets arriving 6 week early – breakdown in communications. Not prepared but have readjusted timelines to accept the nets. After call with GF, country has refused the nets as they are not ready to receive them. Giving the country enough time to do all logistics training and calls for transport to do things properly.
- Responsibility for nets until they are delivered lies with IDA.
- Need to make a continued TA plan
- Service provider for financial management may have been identified.
- HH registration training to start in 2 weeks
- Suspending campaign activities for Ramadan and will move forward with HH registration after Ramadan which pushes back distribution to June/July.

**Mozambique:**

|   |  |
|---|--|
| <b>Population at risk of malaria in Mozambique:</b> | <i>25,800,000 (World Malaria Report, 2014)</i> |
|---|--|

| <b>Required LLINs :</b>  |                       |   |   |                                   |                                     |   | 14,333,333                           |
|--|-----------------------|---|---|-----------------------------------|-------------------------------------|---|--------------------------------------|
| <b>LLINs imported into the country three years prior to update :</b> |                       |   |   |                                   |                                     |   | 11,784,524 (AMP Net Mapping Project) |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel  | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update           |
| Mass distribution  | Universal 2016-2017   | 16,207,964                              | Campaign: 2,800,000 + 200k buffer for Nampula in 2016 ; remainder for distribution in 2017. | 0                                 | 0 (but TBC with approval of GAC)    | Next TA mission TBC but likely for micro-planning (end April)     | 15.03.2016                           |
| ANC  |                       |   | Needs covered by PMI (quantity TBC)   |                                   |                                     |   |                                      |
| EPI  |                       |   |   |                                   |                                     |   |                                      |
| <b>Totals</b>  | <b>N/A</b>            |   |   |                                   |                                     |   | <b>N/A</b>                           |

**Ongoing issues:**

- Completed 2 provinces
- One province is still behind
- Nets are arriving for wave 3
- Going to start logistics training for this phase before nets arrived.
- Some coordination issues but overall going extremely well

**Nigeria:**

| <b>Population at risk of malaria in Nigeria :</b>                    |   |   |  |                                   |  |   | 162,000,000 (World Malaria Report 2012) |
|--|---|---|--|-----------------------------------|--|---|---|
| <b>Required LLINs :</b>  |   |   |  |                                   |  |   | 90,000,000                              |
| <b>LLINs imported into the country three years prior to update :</b> |   |   |  |                                   |  |   | 37,915,945 (AMP Net Mapping Project)    |
| Distribution channel   | Scale of distribution                             | # LLINs needed per distribution channel | # LLINs available per distribution channel         | LLIN gap per distribution channel | Budget gap per distribution channel    | Technical assistance requested with date per distribution channel | Date of most recent update              |
| Mass distribution  | UC - 2 LLIN/HH rolling state by state countrywide | 64,064,949                              | 57,773,191 distributed from 2009 to 2013 (90.2% of | 4,442,853                         | Operational costs for 27 million LLINs |   | 04.09.13                                |

|               |   |                   |  |                  |  |  |            |
|---------------|---|-------------------|--|------------------|--|--|------------|
|               | )started in May 2009 – completed in May 2013) |                   | the total National target.)                                |                  |  |  |            |
| <b>ANC</b>    |   |                   | 33 million nets available for routine distribution in 2013 |                  |  |  |            |
| <b>EPI</b>    |   |                   |  |                  |  |  |            |
| <b>Totals</b> | <b>N/A</b>                                    | <b>72 million</b> | <b>51,703,880</b>  | <b>4,442,853</b> |  |  | <b>N/A</b> |

**Ongoing issues:**

- Nigeria implemented a first round of Long Lasting Insecticidal Nets (LLIN) mass campaigns between 2009 and 2013 where over 57 million LLINs were distributed in the 36 States of the country and the Federal Capital Territory (FCT). The LLIN distribution strategy for the initial campaigns was to distribute two nets for every household in the country, with households receiving net cards during the household mobilization phase of activities that were exchanged for LLINs at fixed distribution points.
- To sustain the gains achieved in the past, and to further contribute to effective malaria vector control in the country, replacement campaigns were commenced using a universal coverage strategy of one LLIN for every two people in a household, with a maximum of 4 nets per household. Between December 2013 and November 2016, more than 58 million LLINs in 22 States.
- Currently, there are 15 States remaining that have not had replacement campaigns and it is urgent that the population of these States is covered with new LLINs to sustain gains achieved through the initial mass campaigns. Of these 15 States, the 6 States of Edo, Kwara, Imo, Ondo, Osun and Adamawa have been earmarked for 2017 campaigns with funding from Global Fund through CRS. An additional 2 States (Sokoto and Nasarawa) are targeted for campaigns with USAID/PMI funding.
- The strategy for the implementation of the replacement campaigns in 2017 in the six GF-funded States is building on the achievements and lessons learned from past campaigns, while introducing new technologies to improve efficiency and transparency.
- The CRS Cash and Asset Transfer (CAT) platform<sup>1</sup> and Android phones are being tested in Oyun LGA, Kwara state (in place of paper-based system) during mobilization, distribution and monitoring/end use surveys to register and track beneficiaries, as well as monitor LLIN stock levels and distributions. The platform is also being used to track attendees at various training events and facilitate electronic money payments.
- This pilot phase is to allow CRS replicate lessons learned in the other ICT4D States during the campaigns.
- 55,363 nets were distributed over 5 days (with 1 day mop-up) across the 26 fixed and 11 satellite distribution points representing a 95.08% redemption rate.
- Attainment of universal coverage by the distribution of 55,363 to 103,083 population (1 net to 1.8 persons).
- Below are some observations from the pilot:
  - o Net card verification was very fast hence speedy exchange of the net cards for nets at the distribution points.
  - o The system automatically tally the number of net cards scanned (form I-7) hence ensuring quality of the distribution data and accountability of the nets.
  - o Deter fraudulent tendencies – the system does detect already scanned net cards (including location and time)
  - o Google maps can be used to monitor un-redeemed net cards, targeted demand creation as well as mop-up
  - o Lost or badly damaged net cards means no net

<sup>1</sup> Operating on the RedRose ONE system

- Of 58,250 nets pre-positioned across the 26 distribution point, 55,363 were distributed to beneficiaries with 2,885 leftovers and 2 losses. Some bales had less than the 50 pieces as orders hence the losses.
- Reverse logistics – given the fast transmission of data using the CAT strategy, reconciliation and development of the reverse logistics plan was done in 1 day and pull-back of leftover nets from distribution points to LGA stores was completed in 7 May 2017 and LGA to state on 8 May 2017.
- Post campaign SBCC plan was reviewed and implementation commenced. Town announcers continued to mobilize communities on net hanging, use and care across the LGA.
- Rapid assessment was conducted 2 days after distribution using independent monitors. 4:4:10 approach was used for this assessment, with a total of 160 household selected across 4 wards in Oyun LGA.
- 1:1.8 ratio achieved, 22% hanging rate and 21% utilization rate

**Pakistan:**

| <b>Population at risk of malaria in Pakistan:</b>                    |                       | 147,773,000 (World Malaria Report, 2013) |  |                                   |                                     |   |                            |
|--|-----------------------|--|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                       | 26,599,140                               |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                       | 3,338,948 (AMP Net Mapping Project)      |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel  | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  |                       |  |  |                                   |                                     |   |                            |
| ANC  |                       |  |  |                                   |                                     |   |                            |
| EPI  |                       |  |  |                                   |                                     |   |                            |
| <b>Totals</b>  |                       |  |  |                                   |                                     |   |                            |

**Update on May 24<sup>th</sup> AMP conference call:**

- AMP working with country team to see how CMA will be implementing in Pakistan
- Back and forth on contracting mechanism has taken place
- Advised Pakistan county office that consultancy contacts be contracted directly with DOMC

**Ongoing issues:**

- Working with the country team on finalising ToR for CMA with the Global Fund
- AMP is working on protocol for CMA in Pakistan
- ToR for upcoming Commodity Management Assessment was revised by the OIG
- AMP TA provider has made initial draft for the protocol
- AMP had a call with Pakistan Global Fund country team to discuss what needs to be done on CMA exercise.
- Bringing on a consultant specific to CMA to focus on countries considering this type of support.
- Currently conducting LLIN distribution in some areas from March to June
- More than 3.08 million nets will be distributed in 2016 – finalising the plan now.

**Senegal:**

|  |  |                              |  |  |  |  |  |
|--|--|------------------------------|--|--|--|--|--|
| <b>Population at risk of malaria in Senegal :</b>                    |  | (World Malaria Report, 2012) |  |  |  |  |  |
| <b>Required LLINs :</b>  |  |                              |  |  |  |  |  |
| <b>LLINs imported into the country three years prior to update :</b> |  | (AMP Net Mapping Project)    |  |  |  |  |  |

| Distribution channel | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
|----------------------|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Mass distribution    |                       |   |  |                                   |                                     |   |                            |
| ANC                  |                       |   |  |                                   |                                     |   |                            |
| EPI                  |                       |   |  |                                   |                                     |   |                            |
| <b>Totals</b>        |                       |   |  |                                   |                                     |   |                            |

**Ongoing issues:**

- Local consultant in country - Moussa NDour: 1st February-30<sup>th</sup> September 2016
- Distribution in phase 2 is underway
- About half the districts in each region are complete as of Monday
- For phase 3 the coordination committee met on Friday and spoke of recommendations from last AMP mission. They are going ahead with training activities for phase 3 in regions
- Timeline for phase 3 should be revised to avoid delays in activities and overlapping of certain activities and to apply lessons learned from phase 1 and 2 around HH registration.

**Sierra Leone:**

| <b>Population at risk of malaria in Sierra Leone :</b>               |                       | 6,000,000 (World Malaria Report, 2012)  |  |                                   |                                     |   |                            |
|--|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                       | 3,333,334                               |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                       | 4,195,850 (AMP Net Mapping Project)     |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | UC – June 2017        | 4.18 million                            |  |                                   |                                     | Logistics   | 18.08.16                   |
| ANC  |                       |   |  |                                   |                                     |   |                            |
| EPI  |                       |   |  |                                   |                                     |   |                            |
| <b>Totals</b>  | <b>N/A</b>            | <b>4.18 million</b>                     |  |                                   |                                     |   | <b>N/A</b>                 |

**Ongoing issues:**

- Port went on strike on May 8<sup>th</sup> and are still on strike - Strike delays all nets arriving – strike now resolved
- Sierra Leone will be conducting an integrated 2017 campaign tied to the biannual mother-child health weeks. The interventions, vitamin A and albendazole targeting children under five years of age, will be integrated with the universal coverage LLIN distribution. The strategy for LLINs is 1 net for 2 people, with a maximum of 3 nets per household.
- LLIN delivery timelines: shipping dates delayed because of Chinese new year and bad weather.
- Shifting from May to 10<sup>th</sup> June and hoping all will be in place by then

**Tanzania:**

| <b>Population at risk of malaria in Sierra Leone :</b> (World Malaria Report, 2012) |                       |   |  |                                   |                                     |   |                            |
|---|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>   |                       |   |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> )              |                       |   |  |                                   |                                     |   |                            |
| Distribution channel  | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution   |                       |   |  |                                   |                                     | CMA   | 26.01.17                   |
| ANC   |                       |   |  |                                   |                                     |   |                            |
| EPI   |                       |   |  |                                   |                                     |   |                            |
| <b>Totals</b>   |                       |   |  |                                   |                                     |   |                            |

**Ongoing issues:**

- During the course of 2016, Vectorworks has implemented, in collaboration with Tanzania’s NMCP, a school-based LLIN distribution program in 7 of the 26 regions of the country. The SNP4 program covered 5,231 schools with a total of 1,153,955 LLINs distributed.
- Vectorworks is now planning to conduct a commodity management assessment (CMA) of the SNP4 supply chain in order to document the level of accountability and transparency achieved in the management of the LLINs from point of entry to distribution to beneficiaries, specifically to:
  - o Verify that adequate tools and procedures were used for proper tracking of LLINs and control of the supply chain (receiving, warehousing, transport and distribution of the nets).
  - o Verify the existence of clear and complete “audit trails” for the nets: a series of documents (waybills, stock sheets, inventory control cards, tally sheets) recording each step in the transport, storage and distribution of the nets.
  - o Verify the proper filing and quality of supply chain tracking tools. Document the extent to which reports are complete and reliable (supported by corresponding waybills, stock sheets, inventory control cards and tally sheets).
- AMP was requested to provide TA for the development of a CMA package and training of a local firm to conduct the CMA field work and produce a report outlining detailed findings, including recommendations for improvement of the logistics systems if/where needed.
- Continued meetings last week with entities involved in the SNP4 supply chain to finalize the gathering of all information and data required for the development of the CMA tools, SoPs and CMA report format.
- Meeting last Friday with the representatives of the firm contracted to carry out the CMA in order to review all the data and information obtained thus far and to introduce the basic principles on which the CMA data collection tools will be developed
- Development of the CMA data collection tools and drafting of the CMA SoPs over the course of last weekend. Development of the tools posed some particular challenges as the SNP4 supply chain structure and management tools differ in many aspects from normal/standard setup and procedures.
- Beginning of the training (of the contracted firm) on Monday and Tuesday (today).

**Togo:**

| <b>Population at risk of malaria in Togo :</b> 6,150,000 (World Malaria Report, 2012)                    |                       |                    |                   |              |                |                      |              |
|--|-----------------------|--------------------|-------------------|--------------|----------------|----------------------|--------------|
| <b>Required LLINs :</b> 3,416,667  |                       |                    |                   |              |                |                      |              |
| <b>LLINs imported into the country three years prior to update :</b> 3,009,135 (AMP Net Mapping Project) |                       |                    |                   |              |                |                      |              |
| Distribution channel   | Scale of distribution | # LLINs needed per | # LLINs available | LLIN gap per | Budget gap per | Technical assistance | Date of most |

|                                |   | distribution channel   | per distribution channel  | distribution channel | distribution channel  | requested with date per distribution channel | recent update |
|--------------------------------|---|------------------------|---|----------------------|---|--|---------------|
| <b>Mass distribution</b>       | Q4 2014 replacement campaign                | 3.9 million (national) | 3.970.624 GFATM   | None anticipated     |   | Implementation and logistics                 | 30.04.14      |
| <b>Continuous distribution</b> | All routine services interrupted since 2011 |                        | Possible surplus from 2014 mass campaign if Lomé is not covered |                      | Funds for continuous distribution available in R9 grant but no disbursement to date |  |               |
| <b>ANC</b>                     |   |                        |   |                      |   |  |               |
| <b>EPI</b>                     |   |                        |   |                      |   |  |               |
| <b>Totals</b>                  | <b>N/A</b>                                  | <b>3.9 million</b>     | <b>3.970.624</b>  | <b>0</b>             |   |  | <b>N/A</b>    |

**Ongoing issues:**

- Campaign launch set for 1<sup>st</sup> June
- AMF is proving 2.4 million nets: this is a funding collaboration between the GF for non net costs and AMF providing nets
- The GF is covering the maritime sector and AMF is covering the main land
- Lome is being covered as part of the same campaign

**Uganda:**

| <b>Population at risk of malaria in Uganda :</b>                     |   |   |   | 34,550,000 (World Malaria Report, 2012) |                                     |   |                            |
|--|---|---|---|---|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |   |   |   | 19,194,444                              |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |   |   |   | 12,480,685 (AMP Net Mapping Project)    |                                     |   |                            |
| Distribution channel   | Scale of distribution   | # LLINs needed per distribution channel | # LLINs available per distribution channel                                  | LLIN gap per distribution channel       | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| <b>Mass distribution</b>   | Two phases: P1 completed – May 2010-January 2011 (7,293,689 LLINs distributed) ; P2 distribution planned to start in 2013 | 19.64 million                           | 11,653,054 (11,003,054 from GFATM Rd7 Phase II and 650,000 from USAID/PMI ) | 4 million                               |                                     | Implementation  | 03.04.13                   |
| <b>ANC</b>   | PMI   |   |   |   |                                     |   |                            |

|               |  |                      |                   |                  |  |  |            |
|---------------|--|----------------------|-------------------|------------------|--|--|------------|
|               | supported ANC distribution ongoing in approx. 40% of the country |                      |                   |                  |  |  |            |
| <b>EPI</b>    |  |                      |                   |                  |  |  |            |
| <b>Totals</b> | <b>N/A</b>   | <b>19.64 million</b> | <b>11,653,054</b> | <b>4 million</b> |  |  | <b>N/A</b> |

**Ongoing issues:**

- Baseline study was done for PBO nets as half of 10 million AMF nets are PBO - Led by Liverpool School and partners
- Janet Hemingway will present the PBO study on a future AMP call date TBC
- Timing for distribution has been moved forward
- On AMF nets, 10.6 million, there are half going out to East region and half to West region.
- January distribution coming up soon.
- Half AMF nets are PBO nets and research study still to be conducted.
- High level of political discussion makes things complex to move forward.
- Concerns about plans and timelines.
- HH registration starting November 6<sup>th</sup> but too tight as no materials are printed yet
- Evaluation plans: Liverpool School is the lead on the study. Working with them are LSHTM and main implementer is McCarey University in Kampala. Talked about possibility of scaling up current research which is based on test positivity rates. But after discussion, it was felt that prevalence would be a more accurate way forward. Similar to current study in Tanzania but at larger scale. Timeline for baseline was January but timelines have changed.
- The national mass campaign includes 10.7 million nets from AMF
- Over 5 million of those will be PBO nets
- AMF nets will go out in January next year
- Idea is to have PBO nets go out in later phases to give more time for approvals to be put in place and monitoring of effectiveness to be set up

**Zambia:**

| Population at risk of malaria in Zambia :                     |                       |   |  |                                   |                                     |   |                            |
|---|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs :  |                       |   |  |                                   |                                     |   |                            |
| LLINs imported into the country three years prior to update : |                       |   |  |                                   |                                     |   |                            |
| Distribution channel  | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution   |                       |   |  |                                   |                                     |   |                            |
| ANC   |                       |   |  |                                   |                                     |   |                            |
| EPI   |                       |   |  |                                   |                                     |   |                            |
| <b>Totals</b>   | <b>N/A</b>            |   |  |                                   |                                     |   |                            |

**Ongoing issues:**

- AMF agreed to provide 2.9 million nets for nationwide mass distribution
- Took time to reach agreement.
- Other nets for nationwide full coverage campaign come from the Global Fund

## WEST AFRICA REGIONAL NETWORK

WARN countries where update provided listed below. NB: This does not include all WARN countries.

### WARN country updates provided on May 24th AMP call: Niger

#### Burkina Faso:

| <b>Population at risk of malaria in Burkina Faso</b>                 |                       | 10,328,934 (2014 population)            |  |                                   |                                     |   |                            |
|--|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                       | 5,738,297                               |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                       | 4,845,882 (AMP Net Mapping Project)     |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  |                       |   |  |                                   |                                     |   |                            |
| ANC  |                       |   |  |                                   |                                     |   |                            |
| EPI  |                       |   |  |                                   |                                     |   |                            |
| <b>Totals</b>  |                       |   |  |                                   |                                     |   |                            |

#### **Ongoing issues:**

- Meeting today with the Global Fund and Burkina Faso team was held this week
- Campaign planned in 2019
- Problems with massive stock ruptures for nets were observed in their last campaign.
- The country wants TA involved in grant making process in May this year to work on defining the strategy and documents needed for grant submission
- Underbudgeting in last campaign needs to be rectified.
- May TA would be under CRSPC as its related to grant making.

#### Gambia:

| <b>Population at risk of malaria in Gambia:</b>                      |                           | 1,780,000 (World Malaria Report, 2012)  |  |                                   |                                     |   |                            |
|--|---------------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                           | 988,889                                 |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                           | 1,181,386 (AMP Net Mapping Project)     |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution     | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | 2014 replacement campaign |   | 746,000                                    |                                   |                                     |   | 30.04.14                   |

|        |     |  |         |  |  |  |     |
|--------|-----|--|---------|--|--|--|-----|
| ANC    |     |  |         |  |  |  |     |
| EPI    |     |  |         |  |  |  |     |
| Totals | N/A |  | 746,000 |  |  |  | N/A |

**Ongoing issues:**

- None

**Guinea**

| <b>Population at risk of malaria in Guinea :</b>                     |   |   |  | 12,132,795 (PMI, 2015)              |                                     |   |                            |
|--|---|---|--|-------------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |   |   |  | 6,949,395 (2016)                    |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |   |   |  | 3,502,437 (AMP Net Mapping Project) |                                     |   |                            |
| Distribution channel   | Scale of distribution                     | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel   | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | 2016                                      | 6,949,395 (2016)                        |  | 0                                   |                                     |   | 17.02.15                   |
| Continuous distribution  | Under Round10 following mass distribution | 949,391                                 | 347,000                                    |                                     |                                     |   |                            |
| ANC  |   |   |  |                                     |                                     |   |                            |
| EPI  |   |   |  |                                     |                                     |   |                            |
| Totals   | N/A                                       | 7,898,786                               | 347,000                                    | 0                                   |                                     |   | N/A                        |

**Ongoing issues:**

- Last mass campaign was held in 2016
- Health facility assessment for routine distribution conducted by VW last week
- Main take aways: majority of time nets are finding a wayback into routine system, but nets are not always successfully distributed through the mass cmpaigns especially in an urban context

**Mali:**

| <b>Population at risk of malaria in Mali :</b>                       |                       |   |  | 15,880,000 (World Malaria Report, 2012) |                                     |   |                            |
|--|-----------------------|---|--|---|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                       |   |  | 8,822,222                               |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                       |   |  | 5,888,050 (AMP Net Mapping Project)     |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel       | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass   | Roll out by           | 8.67 million                            | 4.5 million                                | 4,473,801                               | 7,981,194\$                         |   | 03.04.13                   |

|                                |   |                     |                    |                  |                  |  |            |
|--------------------------------|---|---------------------|--------------------|------------------|------------------|--|------------|
| <b>distribution</b>            | region – UC<br>1 LLIN/2<br>people<br>2012 |                     |                    |                  |                  |  |            |
| <b>Continuous distribution</b> |   |                     |                    | 695,126          |                  |  |            |
| <b>ANC</b>                     |   |                     |                    |                  |                  |  |            |
| <b>EPI</b>                     |   |                     |                    |                  |                  |  |            |
| <b>Totals</b>                  | <b>N/A</b>                                | <b>8.67 million</b> | <b>4.5 million</b> | <b>5,168,927</b> | <b>7,981,194</b> |  | <b>N/A</b> |

**Ongoing issues:**

- New Global Fund grant has been signed

**Niger:**

| <b>Population at risk of malaria in Niger :</b>                      |   |  |   | <i>16,080,000 (World Malaria Report, 2012)</i> |  |  |                                   |
|--|---|--|---|--|--|--|-----------------------------------|
| <b>Required LLINs :</b>  |   |  |   | <i>8,933,334</i>                               |  |  |                                   |
| <b>LLINs imported into the country three years prior to update :</b> |   |  |   | <i>1,266,562 (AMP Net Mapping Project)</i>     |  |  |                                   |
| <b>Distribution channel</b>  | <b>Scale of distribution</b>                          | <b># LLINs needed per distribution channel</b> | <b># LLINs available per distribution channel</b> | <b>LLIN gap per distribution channel</b>       | <b>Budget gap per distribution channel</b> | <b>Technical assistance requested with date per distribution channel</b> | <b>Date of most recent update</b> |
| <b>Mass distribution</b>   | June 2014 – Dosso<br><br>April 2015: Southern regions |  | 1.6 million<br><br>6.4 million                    |  |  | Support to NFM proposal  | 23.07.14                          |
| <b>ANC</b>   |   |  |   |  |  |  |                                   |
| <b>EPI</b>   | Routine distribution through EPI clinics              |  |   |  |  |  |                                   |
| <b>Totals</b>  | <b>N/A</b>  |  | <b>TBC</b>  |  |  |  | <b>N/A</b>                        |

**Update on May 24<sup>th</sup> AMP conference call**

- Plan Niger is Sub Recipient for GF NFM malaria project under CRS as Principal Recipient.
- Plan is distribution with the MoH bed nets in 3 regions (Diffa, Dosso and Tilabery)
- A total of 3,566,026 nets are available (1,766,026 from GF and 1,800,000 from MoH)
- Household registration and distribution will be done at the same time in the area with security problem (Diffa and North Tilabery), will be conducted from 23 to 28 of May
- Household registration at Dosso and South Tilabery planned from 25 to 30 of May and distribution from 5 to 8 June
- Due to security issue, country is opting for 2 strategies. First is in region with security issue, to do HH registration and distribution at same time - started yesterday and will end on 28<sup>th</sup> may
- In other areas where security is a lesser issue, HH registration will start tomorrow and end on 30<sup>th</sup> may

**CENTRAL AFRICA REGIONAL NETWORK (CARN)**

CARN countries where update provided listed below. NB: This does not include all CARN countries.

**CARN country updates provided on May 24th AMP call: None**

**Cameroun:**

| <b>Population at risk of malaria in Cameroun :</b>                   |                       |   |  | 22,250,000 (World Malaria Report, 2014) |                                     |   |                            |
|--|-----------------------|---|--|---|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                       |   |  | 12,361,111                              |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                       |   |  | 1,537,744 (AMP Net Mapping Project)     |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel       | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | UC March 2015         | 12,322,059                              | 12,322,059 (GF)                            | 0                                       |                                     | Implementation and Logistics                                      | 24.03.2015                 |
| ANC  |                       |   |  |   |                                     |   |                            |
| EPI  |                       |   |  |   |                                     |   |                            |
| <b>Totals</b>  |                       | <b>12,322,059</b>                       | <b>12,322,059</b>                          | <b>0</b>                                |                                     |   |                            |

**Ongoing issues:**

- Focus on pulling out lessons learnt from last campaign during upcoming AMP mission
- Not sure yet on design of strategy for next campaign
- Timelines are tight as nets arrive early January so logistics training needs to happen soon.
- With support from the Global Fund, IFRC as PR has supported distribution of more than 1 million nets in RS 1,2 and 3.
- RS 4, 5 and 6 are still to be covered. Small populations hard to reach
- Last 22'000 nets going out to region sanitaire 4 on border with Sudan/Chad
- Finalising the extension of the malaria grant for completion of mass distribution in most difficult to reach areas of the country - 2 mil bed nets for mass distribution and expansion of routine services
- Country is finalising a malaria indicator survey and data is being cleaned. Results in a month and country will provide presentation of results
- Next mass distribution will start first quarter of 2017

**Equatorial Guinea:**

| <b>Population at risk of malaria in Equatorial Guinea :</b>          |                            |   |  | 720,000 (World Malaria Report, 2012) |                                     |   |                            |
|--|----------------------------|---|--|--------------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                            |   |  | 400,000                              |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                            |   |  | 52,000 (AMP Net Mapping Project)     |                                     |   |                            |
| Distribution channel   | Scale of distribution      | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel    | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | 2011 campaign never rolled | 433,000                                 | 449,226                                    | 0                                    |                                     |   | 03.04.13                   |

|        |     |         |         |   |  |  |     |
|--------|-----|---------|---------|---|--|--|-----|
|        | out |         |         |   |  |  |     |
| ANC    |     |         |         |   |  |  |     |
| EPI    |     |         |         |   |  |  |     |
| Totals | N/A | 433,000 | 449,226 | 0 |  |  | N/A |

**Ongoing issues:**

- 35,000 LLINs in a Keep Up campaign
- All primary schools on Bioko island (6- 14 years of age)
- Trained all teaches
- Pre-test / Post Test
- 2018 planning a mass distribution
- IRS teams are training LLIN ownership
- August MIS
- Bioko Island top up distribution of 10,000 LLINs completed early August in high incidence communities
- Larger school based distribution is on hold and won't be underway until January 2017
- Donation of 54,000 nets to be distributed on mainland is currently waiting in port

**EAST AFRICA REGIONAL NETWORK (EARN)**

EARN countries where update provided listed below. NB: This does not include all EARN countries.

**EARN country updates provided on May 24th AMP call: None**

**Kenya:**

| <b>Population at risk of malaria in Benin</b>                        |   | 9,662,685 (2013 population census)      |  |                                   |                                     |   |                            |
|--|---|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |   | 5,368,158                               |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |   | 4,845,882 (AMP Net Mapping Project)     |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution   | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | National universal coverage replacement campaign in 23 counties |   | 12.6 million                               | 0                                 |                                     | Logistics and longer term coordination                            | 30.06.14                   |
| ANC  |   |   |  |                                   |                                     |   |                            |
| EPI  |   |   |  |                                   |                                     |   |                            |
| Totals   | N/A   |   | 12.6 million                               | 0                                 |                                     |   | N/A                        |

**Ongoing issues:**

- Massive gaps still exist for 2017

**South Sudan:**

|  |
|--|
| <b>Population at risk of malaria in South Sudan:</b> |
| <b>Required LLINs :</b>                              |

| LLINs imported into the country three years prior to update : |                       |   |  |                                   |                                     |   |                            |
|---|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Distribution channel  | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution   |                       |   |  |                                   |                                     |   |                            |
| ANC   |                       |   |  |                                   |                                     |   |                            |
| EPI   |                       |   |  |                                   |                                     |   |                            |
| <b>Totals</b>   |                       |   |  |                                   |                                     |   |                            |

**Ongoing issues:**

- Completed distribution in 2 states
- Other state to be completed by end of September
- 120,000 nets looted in July, and think there may be another 500,000 at risk.
- The rest of the stocks are in a secured compound in Juba
- PSI has found 11 local partners to work with
- Malaria is the top cause of morbidity in IDPs and non-conflict affected areas (see attached WHO surveillance bulletin).
- Malaria cases in Bentiu PoC and Malakal PoC exceeded expected levels in the week. Response:
  - o Bentiu POC – PSI has completed the distribution of LLINs in the POC site. Last week also sent RDTs and ACTs to UNICEF who are on the ground to help with any response. With this, we expect the Malaria situation to be contained.
  - o Malakal POC – Due to challenges of insecurity, we were not able to deliver the LLINs by road. We are engaging constantly with the Logistics Cluster for support in Airlifting the LLINs.
- An “expedited” distribution process has been developed based on food distributions. This means that we register and issue nets immediately.

**Sudan:**

| <b>Population at risk of malaria in Sudan :</b>                      |                       |   |  | 37,970,000 (World Malaria Report, 2014) |                                     |   |                            |
|--|-----------------------|---|--|---|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                       |   |  | 21,094,444                              |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                       |   |  | 9,040,385 (AMP Net Mapping Project)     |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel       | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  |                       |   | 4,262,414 (for 12 states)                  |   |                                     | M&E   | 11.03.2015                 |
| ANC  |                       |   | 122,000                                    |   |                                     |   |                            |
| EPI  |                       |   |  |   |                                     |   |                            |
| <b>Totals</b>  |                       |   |  |   |                                     |   |                            |

**Ongoing issues:**

- LLIN tracking system report based on experience in Sudan has been finalised. Will be distributed at AMP meeting in print and shared through the AMP website

### SOUTHERN AFRICA REGIONAL NETWORK (SARN)

SARN countries where update provided listed below. NB: This does not include all SARN countries.

**SARN country updates provided on May 24th AMP call: None**

#### Madagascar:

| <b>Population at risk of malaria in Madagascar : 19.176.420</b>                            |                       |   |  |                                   |                                     |   |                            |
|--|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs : 12 632 024 (10,653,567 campagne ; 1 678 457 routine et 300 000 SM)</b> |                       |   |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update : 11,236,039</b>            |                       |   |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution  | 92 districts          | 10,653,567                              | 10,653,567                                 |                                   |                                     | No  | 18.09.2015                 |
| ANC  | 92 districts          | 1,678,457                               | 354,727                                    | 1,323,730                         | 4,633,055                           |   |                            |
| EPI  | 92 districts          |   |  |                                   |                                     |   |                            |
| Social Marketing   | 92 districts          | 300,000                                 |  | 300,000                           | 990,000                             |   |                            |
| <b>Totals</b>  |                       | <b>12,632,024</b>                       | <b>11,008,294</b>                          | <b>1,323,730</b>                  | <b>5,623,055</b>                    |   |                            |

#### Ongoing issues:

- 2018 campaigns are not yet funded
- GF current grant does not integrate 2018 campaign and most current GF grants are ending end 2017.
- More TA will be needed to conclude the current grant's campaign.
- Would be useful if the Global Fund could join a call to update us on how many countries are ending grants in 2017 and how concept notes will be done for 2018. Get an update on NFM 2.
- AMP to ask Susie Nassr to join an upcoming call with an update on the above
- WHO GMP has sent 10,000 USD to NMCP to start developing and printing HH malaria protection cards following example of EPI and test them in 2 districts for replenishment purposes where people can use this card to renew LLIN ownership after the campaign last year.
- Ideas and collaboration within AMP are most welcome
- There is no funded evaluation of this project yet. The protocol is attached to the minutes of this week's call for more information.
- Contacts: Stefan Hoyer/WHO [hoyers@who.int](mailto:hoyers@who.int) and Charlotte Eddis/PSI [ceddis@psi.org](mailto:ceddis@psi.org)

#### Malawi:

| <b>Population at risk of malaria in Malawi :</b>                     |                       |                    |                   |              |                |                      |              |
|--|-----------------------|--------------------|-------------------|--------------|----------------|----------------------|--------------|
| <i>15,400,000 (World Malaria Report, 2012)</i>                       |                       |                    |                   |              |                |                      |              |
| <b>Required LLINs :</b>  |                       |                    |                   |              |                |                      |              |
| <i>8,555,556</i>   |                       |                    |                   |              |                |                      |              |
| <b>LLINs imported into the country three years prior to update :</b> |                       |                    |                   |              |                |                      |              |
| <i>9,040,385 (AMP Net Mapping Project)</i>                           |                       |                    |                   |              |                |                      |              |
| Distribution channel   | Scale of distribution | # LLINs needed per | # LLINs available | LLIN gap per | Budget gap per | Technical assistance | Date of most |

|                          |  | distribution channel | per distribution channel | distribution channel | distribution channel | requested with date per distribution channel | recent update |
|--------------------------|--|----------------------|--------------------------|----------------------|----------------------|--|---------------|
| <b>Mass distribution</b> | Need to fill remaining gap from 2012 mass distribution | 800,000              |                          |                      |                      |  | 10.04.13      |
| <b>ANC</b>               |  |                      |                          |                      |                      |  |               |
| <b>EPI</b>               |  |                      |                          |                      |                      |  |               |
| <b>Totals</b>            | <b>N/A</b>   | <b>800,000</b>       |                          |                      |                      |  | <b>N/A</b>    |

**Ongoing issues:**

**Swaziland:**

| <b>Population at risk of malaria in Swaziland :</b>                  |                       | 337,000 (World Malaria Report, 2012)    |  |                                   |                                     |   |                            |
|--|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| <b>Required LLINs :</b>  |                       | 187,223                                 |  |                                   |                                     |   |                            |
| <b>LLINs imported into the country three years prior to update :</b> |                       | 91,725 (AMP Net Mapping Project)        |  |                                   |                                     |   |                            |
| Distribution channel   | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| <b>Mass distribution</b>   |                       |   |  |                                   |                                     | BCC   | 03.04.13                   |
| <b>ANC</b>   |                       |   |  |                                   |                                     |   |                            |
| <b>EPI</b>   |                       |   |  |                                   |                                     |   |                            |
| <b>Totals</b>  | <b>N/A</b>            |   |  |                                   |                                     |   | <b>N/A</b>                 |

**Ongoing issues:**

- Need to follow up with the country after communication mission last year to see how far they have come with recommendations and plan next phase of support
- Swaziland is currently working towards elimination
- NMCP and AMP TA provider have reviewed previous communication strategic plans aimed at the community at large.
- NMCP and AMP TA provider are reviewing the acceptance of interventions
- Will work on outreach via health workers in rural health areas. Will focus on population travelling through Swaziland mainly from Mozambique
- Are looking at a plan to have malaria prevention meeting with both traders that travel to boarder countries and Mozambique population in Swaziland
- Working to enhance communication activities in high burden areas via the creation of malaria elimination committee meetings
- Looking at targeting the transport industry with IEC materials for lorry drivers.
- Messaging to travellers to take precautions when they travel to Mozambique
- Will pass messages on malaria prevention in schools, churches, mosques.
- The programme is working on the concept note for the NFM to be submitted by June 15th - the concept note is now close to final, but they are still revising the health promotion section.

- They have just finished data collection in the field for the KAP survey which they are conducting
- Just from being in the field even though analysis has not been done yet, the team have clearly observed that nets are not being used. There is low risk perception because of the low malaria disease burden in the country
- In their NSP, nets have not been included and the Global Fund (whose team is currently in-country) agree that they should not be
- However, there are nets that were procured last year which had not yet been distributed. The plan with those was to replace/replenish the old nets. Now Global Fund has given the Programme the go-ahead to distribute them
- The exercise may commence beginning of the malaria season round September or so
- These will probably be the last batch of nets
- The strategy will then be to focus on IRS, environmental management etc.
- The plan is still to promote usage as there are nets currently awaiting distribution.

## ASIA PACIFIC

Asia Pacific country updates provided on May 24th AMP call: None

### Haiti:

| Population at risk of malaria in Haiti :                      |                       |   |  |                                   |                                     |   |                            |
|---|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs :  |                       |   |  |                                   |                                     |   |                            |
| LLINs imported into the country three years prior to update : |                       |   |  |                                   |                                     |   |                            |
| Distribution channel  | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel | Budget gap per distribution channel | Technical assistance requested with date per distribution channel | Date of most recent update |
| Mass distribution   | 2017                  |   |  |                                   |                                     |   | 10.10.16                   |
| ANC   |                       |   |  |                                   |                                     |   |                            |
| EPI   |                       |   |  |                                   |                                     |   |                            |
| <b>Totals</b>   | <b>N/A</b>            |   | <b>365,000</b>                             |                                   |                                     |   | <b>N/A</b>                 |

### Ongoing issues:

- PSI has made a request for TA for 2017 Haiti campaign
- AMP has reached its maximum capacity from now until the end of the year and it is possible that no TA providers may be available to support this request unfortunately.

### Indonesia:

| Population at risk of malaria in Indonesia :                  |                       |   |  |   |                                     |  |                            |
|---|-----------------------|---|--|---|-------------------------------------|--|----------------------------|
| Required LLINs :  |                       |   |  |   |                                     |  |                            |
| LLINs imported into the country three years prior to update : |                       |   |  |   |                                     |  |                            |
| Distribution channel  | Scale of distribution | # LLINs needed per distribution channel | # LLINs available per distribution channel | LLIN gap per distribution channel       | Budget gap per distribution channel | Technical assistance requested with date per | Date of most recent update |
| Population at risk of malaria in Indonesia :                  |                       |   |  | 51,900,000 (World Malaria Report, 2012) |                                     |  |                            |
| Required LLINs :  |                       |   |  | 28,833,333                              |                                     |  |                            |
| LLINs imported into the country three years prior to update : |                       |   |  | 8,192,770 (AMP Net Mapping Project)     |                                     |  |                            |

|                          |            |  |                |  |  |                             |            |
|--------------------------|------------|--|----------------|--|--|-----------------------------|------------|
|                          |            |  |                |  |  | <b>distribution channel</b> |            |
| <b>Mass distribution</b> | 2014       |  |                |  |  |                             | 25.09.13   |
| <b>ANC</b>               |            |  |                |  |  |                             |            |
| <b>EPI</b>               |            |  |                |  |  |                             |            |
| <b>Totals</b>            | <b>N/A</b> |  | <b>365,000</b> |  |  |                             | <b>N/A</b> |

**Ongoing issues:**

**Papua New Guinea:**

| <b>Population at risk of malaria in Papua New Guinea :</b>           |                              | 7,011,000 (World Malaria Report, 2012)         |   |  |  |  |                                   |
|--|------------------------------|--|---|--|--|--|-----------------------------------|
| <b>Required LLINs :</b>  |                              | 3,895,000                                      |   |  |  |  |                                   |
| <b>LLINs imported into the country three years prior to update :</b> |                              | 3,464,400 (AMP Net Mapping Project)            |   |  |  |  |                                   |
| <b>Distribution channel</b>  | <b>Scale of distribution</b> | <b># LLINs needed per distribution channel</b> | <b># LLINs available per distribution channel</b> | <b>LLIN gap per distribution channel</b> | <b>Budget gap per distribution channel</b> | <b>Technical assistance requested with date per distribution channel</b> | <b>Date of most recent update</b> |
| <b>Mass distribution</b>   |                              |  |   |  |  |  | 03.04.13                          |
| <b>ANC</b>   |                              |  |   |  |  |  |                                   |
| <b>EPI</b>   |                              |  |   |  |  |  |                                   |
| <b>Totals</b>  | <b>N/A</b>                   |  | <b>365,000</b>                                    |  |  |  | <b>N/A</b>                        |

**Ongoing issues:**

- 1.2 million nets from AMF for 2017
- 1.6 million nets from AMF for 2018
- Looking to shift to school based distributions. Would like help assessing this.