

AMP The Alliance for Malaria Prevention

Expanding the ownership and use of mosquito nets

AMP Conference call minutes: www.allianceformalariaprevention.com

17th 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 or melanie.caruso@ifrc.org and we will schedule your update at the start of an upcoming AMP conference call.

Agenda – May 17th AMP conference call

Chair : Jason Peat
Rapporteur : Melanie Caruso

- Introductions
- Review of minutes from last week's AMP conference call
- Country Updates
- Working Group Updates
- AOB

Next conference call: Wednesday, 24th May 2017 10:00 EST, 14:00 GMT / UTC, 16:00 CET

Participants:

| | |
|--------------------------------|--|
| AMF: | Peter Sheratt |
| AMP participants: | Melanie Caruso, James Ssekitooleko, Hamisu Hassan, JC Youmba |
| BASF: | Egon Weinmuller |
| Buy a Net: | |
| CDC / PMI: | David Gittelman |
| Chemonics: | |
| CRS: | |
| Disease Control Technologies: | |
| IFRC: | |
| Independent participants: | Kevin Starace |
| Intelligent Insect Control: | |
| IPHA: | Jessica Rockwood |
| JC Flowers Foundation: | |
| JHU Centre for Communications: | Sean Blaufuss |
| JSI: | |
| MCDI: | |
| Milliner Global Associates: | |
| Nets for Life: | |
| PLAN Canada: | |



For additional information:

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and allianceformalariaprevention@gmail.com

| | |
|------------------------------------|------------------|
| PSI: | Joe Lewinski |
| Real Relief Health: | Annette Braae |
| Rotarians Action Group on Malaria: | Drake Zimmerman |
| Sumitomo: | |
| Tana Netting: | |
| UNICEF: | |
| UN Foundation: | |
| USAID / PMI: | |
| VF: | Aurelie Delbaere |
| WHO: | |
| World Vision: | Gagik Karapetyan |

General updates:

- None

AMP working group updates:

Country support working group:

Chair: Marcy Erskine IFRC – 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 |
| Burundi | Logistics | AMP | May 2017 |

Planned AMP TA missions 2017 :

| Country | Type of technical support requested from AMP | Partner / Funding source | Mission dates |
|-------------------|--|--------------------------|-----------------|
| DRC | Implementation and Logistics | PSI | TBD 2017 |
| Benin | Implementation, Communications and Logistics | AMP | Continuous 2017 |
| Burkina Faso | Grant planning | TBD | Q3 2017 |
| Burundi | Implementation and Logistics | GF | Continuous 2017 |
| CAR | Logistics and Communication | IFRC | Q1 2017 |
| Congo Brazzaville | Grant planning | TBD | Q3 2017 |
| Djibouti | Implementation | TBD | Q3 2017 |
| Nigeria | Implementation | AMP/IFRC | Continuous 2017 |
| Mauritania | Implementation and Logistics | GF | Continuous 2017 |
| Mozambique | Implementation and Logistics | AMP | Continuous 2017 |

| | | | |
|-----------------|---|-----|-----------------|
| Liberia | Implementation, Logistics and Communication | AMP | Continuous 2017 |
| Pakistan | CMA | GF | TBD |
| Togo | Implementation and Logistics | GF | TBD |

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

| Country | Type of technical support requested from AMP | Partner / Funding source | Mission dates |
|--|---|--------------------------|--|
| Benin | Logistics Implementation Surge Logistics Logistics | AMP AMP AMP AMP | March 2017 March/April 2017 March/April 2017 April/May 2017 |
| Burundi | Logistics | ALMA | March 2017 |
| CAR | Logistics Implementation | IFRC IFRC | March 2017 May 2017 |
| DRC | Implementation Implementation | PSI PSI | February 2017 March 2017 |
| Guinea Bissau | Implementation Logistics | AMP UNDP | January 2017 April/May 2017 |
| Mauritania | Logistics | SENL | March/April 2017 |
| Mozambique | Logistics | AMP | February 2017 |
| Nigeria | Implementation Implementation | AMP CRS | February 2017 April/May 2017 |
| Sierra Leone | Implementation (x2) and Logistics Logistics | AMP NMCP | January 2017 March 2017 |
| Tanzania | CMA | VectorWorks | January 2017 |
| Togo | Logistics | AMP | February 2017 |
| Total # of countries supported by AMP in 2017 (in-country): | | 11 | |

Emerging issues working group:

Co-chairs: Megan Fotheringham – USAID/PMI mfotheringham@usaid.gov ; Caroline Desrousseaux VF - 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 and Elizabeth Ivanovich UNF - eivanovich@unfoundation.org ; Mame Birame – USAID/PMI Senegal mbdiouf@usaid.gov; and Sylvester Maleghemi – WHO, Nigeria 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

- 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 17th AMP call: Angola, Benin, Burundi, CAR, Liberia, Mozambique, Nigeria, Sierra Leone, Zambia

Angola:

| Population at risk of malaria in Angola : | | | | | 19,600,000 (World Malaria Report, 2012) | | |
|---|---|---|--|-----------------------------------|---|---|----------------------------|
| Required LLINs : | | | | | 10,888,888 | | |
| LLINs imported into the country three years prior to update : | | | | | 4,850,646 (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 | Phased approach by province – 1LLIN/2 people - 2013 | 11,700,000 | 7,484,312 | 3,669,125 | | Implementation , Logistics | 03.04.13 |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | 11,700,000 | 7,484,312 | 3,669,125 | | | N/A |

Update on May 17th AMP conference call:

- Hunter Harig from VectorWorks is currently in Angola and will have an update on the campaign launch next week
- The campaign started yesterday
- Most stakeholders are out in the field
- The M&E subcommittee are starting discussions to look at plans for post campaign process evaluation that VW will lead.

Benin:

| Population at risk of malaria in Benin | | | | | 10,328,934 (2014 population) | | |
|---|-----------------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | | 5,738,297 | | |
| LLINs imported into the country three years prior to update : | | | | | 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 | 5,738,297 | 6,050,272 (GF 5.245.272, | 0 | | Logistics and longer term | 16.07.14 |

| | | | | | | | |
|--------|-----------------------------|-----------|---------------|---|--|---------------------|-----|
| | <i>replacement campaign</i> | | USAID 280.000 | | | <i>coordination</i> | |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | 5,738,297 | 6,050,272 | 0 | | | N/A |

Update on May 17th AMP conference call:

- 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
- Call with PMI scheduled to keep TA moving to the country
- 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

Ongoing issues:

- 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:

| Population at risk of malaria in Burundi : | | | | 6,690,000 (World Malaria Report, 2012) | | | |
|---|-----------------------------|---|--|--|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 3,716,667 | | | |
| LLINs imported into the country three years prior to update : | | | | 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 | | | | | | | |
| Totals | N/A | 5,165,200 | 5,158,410 | 6,790 | | | N/A |

Update on May 17th AMP conference call

- Running out of fuel and going into rationing, so will have effect on transport of nets for Burundi
- AMP consultant trying to get into the country - to get a visa is difficult to start work.
- Need to revise transport plans urgently to look at fuel crisis.

Central African Republic (CAR):

| | |
|--|--|
| Population at risk of malaria in CAR : | 4,490,000 (World Malaria Report, 2012) |
|--|--|

| Required LLINs : | | | | | 2,494,445 | | |
|--|---|---|--|-----------------------------------|--|---|----------------------------|
| LLINs imported into the country three years prior to update : | | | | | 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 | | | | | | | |
| Totals | N/A | 2.2 million | 2.2 million | 0 | | | N/A |

Update on May 17th AMP conference call:

- Marcy completed TA mission to Bangui
- Sitrep attached to the minutes of this week's call including last week's sitrep
- Jean Christian Youmba: focal point for upcoming LLIN campaign based in Bangui on the call
- Coordination meeting today with all stakeholders - MoH, all NGO involved in malaria control in CAR – discussed advocacy around upcoming campaign, the steering committees for the campaign and setting their meeting schedules. Discussed communication action plan as well as it was a point raised by the Global Fund team. Communications plan was presented this morning-
- Preparing the training of trainers on micro planning
- CAR covered 4 of its 7 health regions in 2014 – 2015, but is left with three regions to cover (4, 5 and 6). In addition, Bangui (1st region covered in 2014) needs to be done again this year. LLINs have been procured with GF funding and nets have already started to arrive in Bangui. 20 of 57 containers have already been off-loaded and LLINs stored in one of the two rented warehouse. Another batch of 17 containers is on its way and should arrive in the next few days.
- Despite a period of calm in many parts of the country, including Bangui, the regions targeted for the 2017 first phase distribution (e.g. not Bangui) are still insecure and have significant access difficulties, as well as challenges in terms of infrastructure (e.g. roads, warehouse options, etc.) and resources (e.g. banks and other means to facilitate payments). In view of possible problems for distribution in targeted regions, planning for Bangui will be undertaken as soon as possible.

Chad:

| Population at risk of malaria in Tchad : | | | | | 11,410,000 (World Malaria Report, 2012) | | |
|--|-----------------------|---|--|-----------------------------------|--|---|----------------------------|
| Required LLINs : | | | | | 6,338,889 | | |
| LLINs imported into the country three years prior to update : | | | | | 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 | Date of most recent update |

| | | | | | | channel | |
|--------------------------------|---------------------------------------|------------------|------------------|------------------|--|---------|------------|
| 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 | | | | | | | |
| Totals | N/A | 8,177,640 | 7,148,020 | 1,792,561 | | | N/A |

Ongoing issues:

- The 3rd Chad Universal Coverage LLIN distribution campaign started in January 2017. 1st in 2011 and 2nd 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 Oct-16 | 12 - 29 Dec-16 | 22 - 23 Feb-17 | Done |
| II | Logone occidental and Logone oriental | Moundou | 13 - 20 Dec-16 | 1 - 8 Feb-17 | 9 - 11 March-17 | Done |
| III | Mayo Kebi Est, Mayo Kebi Ouest and Tandjilé | Bongor | 11 - 26 Jan-17 | 13 - 20 March-17 | 10-13 April-17 | In process distribution, next week |
| IV | Guera, Salamat and Chari Baguirmi | Mongo | 17/3 – 2/4 | 16 -23 Apr-17 | 9 – 11 May-17 | M-plan just completed |
| V | Hadjer Lamis and Lac | Ndjamena | 10 – 18 Apr-17 | 21 -28 May-17 | 5 – 7 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 9th, 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:

| Population at risk of malaria in DRC : | | | | 67,730,000 (World Malaria Report, 2012) | | | |
|--|--------------------------------------|---|--|---|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 37,627,777 | | | |
| LLINs imported into the country three years prior to update : | | | | 30,803,765 (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 | Rolling region by region – 2010-2012 | 35 million | 19,094,251 | 13,445,599 | 2.3 million\$ | | 03.04.13 |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | 35,000,000 | 19,094,251 | 13,445,599 | | | N/A |

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:

| Population at risk of malaria in Ghana : | | | | 25,000,000 (World Malaria Report, 2012) | | | |
|--|-----------------------|---|--|---|-------------------------------------|--|----------------------------|
| Required LLINs : | | | | 13,888,888 | | | |
| LLINs imported into the country three years prior to update : | | | | 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 | Date of most recent update |

| | | | channel | | | per distribution channel | |
|--------------------------|---|-------------------|---------|----------|--|--------------------------|-----------------|
| Mass distribution | <i>Door-to-door stand alone hang up campaigns completed in 2012</i> | <i>13 million</i> | | <i>0</i> | | | <i>03.04.13</i> |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | 13 million | | 0 | | | N/A |

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:

| Population at risk of malaria in Equatorial Guinea : | | | | | | | |
|--|------------------------------|--|---|--|--|--|-----------------------------------|
| 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:

- 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 24th to May 13th, 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 30th. Delays due to late delivery of materials (principally coupons) have extended the exercise. As of May 9th 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 12th and pre-positioning to Health centres should be complete by May 22nd, so that final positioning to the estimated 1 463 Distribution Points be done from May 25th to 29th;
- Training of Distribution Point personnel is planned for May 26th and 27th.
- Distribution of LLINs to beneficiaries is still programmed for May 31st to June 4th.

Liberia:

| Population at risk of malaria in Liberia : | | | | 4,130,000 (World Malaria Report, 2012) | | | |
|--|---|---|--|--|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 2,294,444 | | | |
| LLINs imported into the country three years prior to update : | | | | 2,896,136 (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 | Planned country wide mass distribution (last quarter of 2014) | 2,195,796 | 1,159,089 GF 289,280 surplus from routine LLINs | 169,726 | | Logistics and Implementation TA | 09.10.13 |
| ANC | | | 577,700 USAID-PMI | | | | |
| EPI | | | | | | | |
| Totals | N/A | 2,195,796 | 2,026,069 | 169,726 | | | N/A |

Update on May 17th AMP conference call:

- AMP TA including logistics, implementation and communications has been deployed this month
- 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 the first week in-country, individuals meetings were held by Doug and Greg (who arrived prior to Marcy) and from Wednesday May 10th, a macroplanning team (consisting of NMCP, Plan, VectorWorks and AMP) has been meeting daily to move forward discussions related to the macroplanning based on the lessons learned from the previous campaign.
- An introductory meeting was held on May 15 with IFRC Head of Country Office and the IFRC Finance delegate to review and understand the security regulations in Monrovia, Liberia. An AMP country mission updated was given to the IFRC Head of Country Office on the objections and background of the 2018 LLIN campaign.
- Introductions and terms of reference were discussed. A draft work-plan for this support mission was reviewed with the Macro Planning Team (MPT) and amended to reflect specific requirements and desired outcomes.
- The macro-planning team (MPT) agreed that the following should be delivered at the end of the first mission:
 - Draft campaign plan of action (POA);
 - Draft logistics plan of action (LPOA);
 - Draft communication plan of action (CPOA);
 - Draft timeline;
 - Draft risk assessment and mitigation plan;
 - Draft training plan; and
 - Draft campaign budget for initial review and input.
- Review of strengths, lessons learned and recommendations from the 2014 – 2015 campaign. Overall, two different strategies were planned for in the previous campaign (door-to-door registration and vouchers + fixed site distribution; door-to-door LLIN distribution with a fixed number of nets per household). The latter strategy (door-to-door LLIN distribution) was adopted in the majority of the country given the EBV situation, while a last distribution in Monrovia of ~100,000 LLINs in areas that had been missed used the initially identified strategy.
- Coordination structures that will be put in place for the 2018 campaign. Given that the same people are involved in the majority of the coordination structures (national coordination committee and sub-committees), a modified coordination structure is being proposed.
- Implementation arrangements between PR and service providers was discussed based on the national campaign implementation strategy.
- Quantification of LLINs – the last census was more than 10 years ago, with the new census to be done in 2019. The figures for the population, even for the previous campaign, were problematic. Given that the last census was in 2008, a buffer of 10% has been added to the total net need. However, it is good to note that movement of buffers can be challenging and expensive and emphasis needs to be put on detailed and comprehensive microplanning to have a better idea of the actual population at this time. Efforts will be made to get microplanning done as early as possible to communicate figures to PPM if possible.
- Macro hypotheses – discussion took place around the number of people / teams required for the household assessment phase and the number of distribution points. In the interior of Liberia, the population is very sparse in many areas, while in the urban area, the population is extremely dense. Both of these situations have their own challenges and the team is trying to address them as best as possible.
- Communication methods and lessons learned from last LLIN campaign.
- Research findings illuminating behavioural and practical barriers to net use
- Identification of key communication activities to be included in the global implementation timeline

- It was discussed to clearly communicate with the GF the country's procurement qualification requirements, ensuring compliance with the campaign strategy.
- NMCP and PLAN Liberia will be requesting containerized shipment down to county levels in their procurement request to GF. This will need to be closely verified on delivery to confirm quantities are correct and according to shipment documentation. Logistics reception committee procedures will need to be in place for all macro deliveries to mitigate any LLIN shortages.
- Storage - Central warehousing is in Monrovia for Monsterrado, with buffer LLINs also remaining in central warehouse
- CLT/PLAN will need two separate tenders for transport to counties, one for buffers LLINs and one for Monrovia to Monsterrado districts deliveries.
- A restricted tender selection based on availability may be needed, done by service providers (partners) responsible for the district to HF and fix sites/DPs. distribution of LLINs.
- Discussions were held on district to pre-position / distribution point SCM LLIN activities.
- Work has been planned around further refinement of strategy, implementation timeline and campaign plan of action. Later in the week the technical work-streams will start detailed planning in their areas of responsibility.
- An additional technical TA will arrive in country on May 20, 2017 for the last remaining week of support.

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:

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

| Required LLINs : | | 14,333,333 | | | | | |
|--|-----------------------|---|---|-----------------------------------|-------------------------------------|---|----------------------------|
| LLINs imported into the country three years prior to update : | | 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 | | | | | | | |
| Totals | N/A | | | | | | N/A |

Update on May 17th AMP conference call:

- 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:

| Population at risk of malaria in Nigeria : | | 162,000,000 (World Malaria Report 2012) | | | | | |
|--|---|--|--|-----------------------------------|--|---|----------------------------|
| Required LLINs : | | 90,000,000 | | | | | |
| LLINs imported into the country three years prior to update : | | 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.) | | | | |
| ANC | | | 33 million nets available for routine distribution in 2013 | | | | |
| EPI | | | | | | | |
| Totals | N/A | 72 million | 51,703,880 | 4,442,853 | | | N/A |

Update on May 17th AMP conference call:

- TA mission now completed
- 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) platform¹ 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

¹ Operating on the RedRose ONE system

- Lost or badly damaged net cards means no net
- 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 Oyin LGA.
- 1:1.8 ratio achieved, 22% hanging rate and 21% utilization rate

Pakistan:

| Population at risk of malaria in Pakistan: | | | | 147,773,000 (World Malaria Report, 2013) | | | |
|--|-----------------------|---|--|--|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 26,599,140 | | | |
| LLINs imported into the country three years prior to update : | | | | 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 | | | | | | | |
| Totals | | | | | | | |

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:

| Population at risk of malaria in Senegal : | | | | (World Malaria Report, 2012) | | | |
|--|-----------------------|---------------------------------|-----------------------|------------------------------|-----------------------------|--------------------------------|--------------|
| Required LLINs : | | | | | | | |
| LLINs imported into the country three years prior to update : | | | | (AMP Net Mapping Project) | | | |
| Distribution channel | Scale of distribution | # LLINs needed per distribution | # LLINs available per | LLIN gap per distribution | Budget gap per distribution | Technical assistance requested | Date of most |

| | | channel | distribution channel | channel | channel | with date per distribution channel | recent update |
|-------------------|--|---------|----------------------|---------|---------|------------------------------------|---------------|
| Mass distribution | | | | | | | |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | | | | | | | |

Ongoing issues:

- Local consultant in country - Moussa NDour: 1st February-30th 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:

| Population at risk of malaria in Sierra Leone : | | 6,000,000 (World Malaria Report, 2012) | | | | | |
|---|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : | | 3,333,334 | | | | | |
| LLINs imported into the country three years prior to update : | | 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 | | | | | | | |
| Totals | N/A | 4.18 million | | | | | N/A |

Update on May 17th AMP conference call:

- Port went on strike on May 8th and are still on strike - Strike delays all nets arriving
- 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 10th June and hoping all will be in place by then

Tanzania:

| | | | | | | | |
|---|--|------------------------------|--|--|--|--|--|
| Population at risk of malaria in Sierra Leone : | | (World Malaria Report, 2012) | | | | | |
| 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 | | | | | | CMA | 26.01.17 |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | | | | | | | |

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:

| Population at risk of malaria in Togo : | | | | 6,150,000 (World Malaria Report, 2012) | | | |
|---|-----------------------|---|--|--|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 3,416,667 | | | |
| LLINs imported into the country three years prior to update : | | | | 3,009,135 (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 | Date of most recent update |

| | | | | | | channel | |
|--------------------------------|---|------------------------|---|------------------|---|------------------------------|------------|
| Mass distribution | Q4 2014 replacement campaign | 3.9 million (national) | 3.970.624 GFATM | None anticipated | | Implementation and logistics | 30.04.14 |
| Continuous distribution | 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 | | |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | 3.9 million | 3.970.624 | 0 | | | N/A |

- Campaign launch set for 1st 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
- Lomé is being covered as part of the same campaign

Uganda:

| Population at risk of malaria in Uganda : | | | | 34,550,000 (World Malaria Report, 2012) | | | |
|--|---|---|--|---|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 19,194,444 | | | |
| LLINs imported into the country three years prior to update : | | | | 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 |
| Mass distribution | 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 |
| ANC | PMI supported ANC distribution ongoing | | | | | | |

| | | | | | | | |
|--------|-------------------------------------|------------------|------------|-----------|--|--|-----|
| | in approx. 40% of the country | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | 19.64 million | 11,653,054 | 4 million | | | N/A |

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 6th 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 | | | | | | | |
| Totals | N/A | | | | | | |

Update on May 17th AMP conference call:

- 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 17th AMP call: None

Burkina Faso:

| Population at risk of malaria in Burkina Faso | | | | 10,328,934 (2014 population) | | | |
|---|-----------------------|---|--|-------------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 5,738,297 | | | |
| LLINs imported into the country three years prior to update : | | | | 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 | | | | | | | |
| Totals | | | | | | | |

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:

| Population at risk of malaria in Gambia: | | | | 1,780,000 (World Malaria Report, 2012) | | | |
|---|---------------------------|---|--|--|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 988,889 | | | |
| LLINs imported into the country three years prior to update : | | | | 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

| Population at risk of malaria in Guinea : | | 12,132,795 (PMI, 2015) | | | | | |
|--|---|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : | | 6,949,395 (2016) | | | | | |
| LLINs imported into the country three years prior to update : | | 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:

| Population at risk of malaria in Mali : | | 15,880,000 (World Malaria Report, 2012) | | | | | |
|--|--|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : | | 8,822,222 | | | | | |
| LLINs imported into the country three years prior to update : | | 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 distribution | Roll out by region – UC 1 LLIN/2 people 2012 | 8.67 million | 4.5 million | 4,473,801 | 7,981,194\$ | | 03.04.13 |
| Continuous | | | | 695,126 | | | |

| | | | | | | | |
|--------------|-----|--------------|-------------|-----------|-----------|--|-----|
| distribution | | | | | | | |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | 8.67 million | 4.5 million | 5,168,927 | 7,981,194 | | N/A |

Ongoing issues:

- New Global Fund grant has been signed

Niger:

| Population at risk of malaria in Niger : | | | | 16,080,000 (World Malaria Report, 2012) | | | |
|---|---|---|--|---|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 8,933,334 | | | |
| LLINs imported into the country three years prior to update : | | | | 1,266,562 (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 | June 2014 – Dosso April 2015: Southern regions | | 1.6 million 6.4 million | | | Support to NFM proposal | 23.07.14 |
| ANC | | | | | | | |
| EPI | Routine distribution through EPI clinics | | | | | | |
| Totals | N/A | | TBC | | | | N/A |

Ongoing issues:

- Niger is planning a distribution campaign this month and Plan International is the PR covering 3 regions
- 1.7 million nets provided through GF and 1.4 million nets through the government
- Distribution is planned in the regions of Diffa, Dosso and Tillaberi
- Dates of distribution should be from May 23rd to 27th

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 17th AMP call: None

Cameroun:

| Population at risk of malaria in Cameroun : | | | | 22,250,000 (World Malaria Report, 2014) | | | |
|---|-----------------------|----------------|-------------------|---|------------|----------------------|--------------|
| Required LLINs : | | | | 12,361,111 | | | |
| LLINs imported into the country three years prior to update : | | | | 1,537,744 (AMP Net Mapping Project) | | | |
| Distribution channel | Scale of distribution | # LLINs needed | # LLINs available | LLIN gap per | Budget gap | Technical assistance | Date of most |

| | n | per distributio n channel | per distributio n channel | distributio n channel | per distributio n channel | requested with date per distribution channel | recent update |
|-----------------------------------|------------------|---------------------------------|---------------------------------|--------------------------|---------------------------------|---|------------------|
| Mass distributio n | UC March 2015 | 12, 322,059 | 12, 322,059 (GF) | 0 | | Implementatio n and Logistics | 24.03.201 5 |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | | 12, 322,059 | 12, 322,059 | 0 | | | |

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:

| Population at risk of malaria in Equatorial Guinea : | | | | 720,000 (World Malaria Report, 2012) | | | |
|--|---|--|--|--|--|---|-------------------------------------|
| Required LLINs : | | | | 400,000 | | | |
| LLINs imported into the country three years prior to update : | | | | 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 out | 433,000 | 449,226 | 0 | | | 03.04.13 |
| 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 17th AMP call: None

Kenya:

| Population at risk of malaria in Benin | | | | 9,662,685 (2013 population census) | | | |
|---|---|---|--|-------------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 5,368,158 | | | |
| LLINs imported into the country three years prior to update : | | | | 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:

| Population at risk of malaria in South Sudan: | | | | | | | |
|---|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| 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:

- 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:

| Population at risk of malaria in Sudan : | | | | <i>37,970,000 (World Malaria Report, 2014)</i> | | | |
|--|------------------------------|--|---|--|--|--|-----------------------------------|
| Required LLINs : | | | | <i>21,094,444</i> | | | |
| LLINs imported into the country three years prior to update : | | | | <i>9,040,385 (AMP Net Mapping Project)</i> | | | |
| 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 | | | | | | | |
| Totals | | | | | | | |

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 17th AMP call: None

Madagascar:

| Population at risk of malaria in Madagascar : 19.176.420 | | | | | | | |
|---|-----------------------|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : 12 632 024 (10,653,567 campagne ; 1 678 457 routine et 300 000 SM) | | | | | | | |
| LLINs imported into the country three years prior to update : 11,236,039 | | | | | | | |
| 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 | | |
| Totals | | 12,632,024 | 11,008,294 | 1,323,730 | 5,623,055 | | |

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 and Charlotte Eddis/PSI ceddis@psi.org

Malawi:

| Population at risk of malaria in Malawi : 15,400,000 (World Malaria Report, 2012) | | | | | | | |
|---|---|---|--|-----------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : 8,555,556 | | | | | | | |
| LLINs imported into the country three years prior to update : 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 | Need to fill remaining gap from 2012 mass | 800,000 | | | | | 10.04.13 |

| | | | | | | | |
|--------|--------------|---------|--|--|--|--|-----|
| | distribution | | | | | | |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | 800,000 | | | | | N/A |

Ongoing issues:

Swaziland:

| Population at risk of malaria in Swaziland : | | | | 337,000 (World Malaria Report, 2012) | | | |
|---|-----------------------|---|--|--------------------------------------|-------------------------------------|---|----------------------------|
| Required LLINs : | | | | 187,223 | | | |
| LLINs imported into the country three years prior to update : | | | | 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 |
| Mass distribution | | | | | | BCC | 03.04.13 |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | | | | | | N/A |

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 17th 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 | | | | | | | |
| Totals | N/A | | 365,000 | | | | N/A |

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 : 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) | | | | | | | |
| 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 | | | | | | 25.09.13 |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | | 365,000 | | | | N/A |

Ongoing issues:

Papua New Guinea:

| Population at risk of malaria in Papua New Guinea : | | <i>7,011,000 (World Malaria Report, 2012)</i> | | | | | |
|--|------------------------------|--|---|--|--|--|-----------------------------------|
| Required LLINs : | | <i>3,895,000</i> | | | | | |
| LLINs imported into the country three years prior to update : | | <i>3,464,400 (AMP Net Mapping Project)</i> | | | | | |
| 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 | | | | | | | 03.04.13 |
| ANC | | | | | | | |
| EPI | | | | | | | |
| Totals | N/A | | 365,000 | | | | N/A |

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.