

# 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)

1st April 2015

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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 – April 1<sup>st</sup> AMP conference call:**

Chair: Jason Peat  
Rapporteur: Melanie Caruso

- Introductions
- Review and approval of minutes from last week's AMP conference call
- Country updates
- Working group updates
- AoB

Next conference call: Wednesday, 8<sup>th</sup> April 2015 10:00 EDT, 14:00 GMT / UTC, 16:00 CET

## **Participants:**

AMP participants:	Melanie Caruso, Dorothy Onyango, Jeronimo Zandamela, Dr. Hmooda (Sudan NMCP), Jean-Marc Grégoire, Jenny Cervinskas
BASF:	Alex Heimsch
Bayer Environmental Science:	
Bestnet:	Gail Fones
Buy a Net:	
CDC / PMI:	
CRS:	
Disease Control Technologies:	
Global Health Partners:	Doreen Weatherby
IFRC:	Marcy Erskine
Independent participants:	John Milliner
Intelligent Insect Control:	
IPHA:	
JC Flowers Foundation:	Danielle Givens
JHU Centre for Communications:	
MCDI:	
Nets for Life:	
PLAN Canada:	
PSI:	Cedric Mingat



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Rotarians Action Group on Malaria: Drake Zimmerman  
 RTI:  
 Tana Netting: Marnix Eykhout  
 UNICEF:  
 UN Foundation:  
 USAID / PMI: Megan Fotheringham  
 VF: Naomi Bohn  
 WHO:  
 World Vision: Gagik Karapetyan

**General updates:**

None

**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	Implementation	AMP OGAC / VectorWorks	February – April 2015
	Logistics	AMP OGAC	March-April 2015
Cameroun	3 x Microplanning	AMP OGAC	March - April 2015
Sudan	M&E (LLIN tracking system)	AMP OGAC + Distance support from MORE	19 <sup>th</sup> March – 11 <sup>th</sup> April 2015

Planned AMP TA missions 2015:

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
Angola	Communications	AMP	April 2015
Nigeria	Pilot CMA	AMP	Second half of April
Madagascar	Logistics training	AMP	TBD

Completed AMP TA support (distance and in-country) in 2015:

Country	Type of technical support requested from AMP	Partner / Funding source	Mission dates
Angola	1 x Communications Distance support	AMP OGAC	February/March 2015

Malawi	Implementation	AMP OGAC	February 2015
Nigeria	2 x Commodity Management Assessment	AMP OGAC	March 2015
Total # of countries supported by AMP in 2015 (distance and in-country) :		3	

**Emerging issues working group:**

Co-chairs: Megan Fotheringham – USAID/PMI [mfotheringham@usaid.gov](mailto:mfotheringham@usaid.gov)

- Follow up call to be organised in the next couple of weeks

**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 [mbdiouf@usaid.gov](mailto:mbdiouf@usaid.gov); and Sylvester Maleghemi – WHO, Nigeria [tojumaleghemi@yahoo.co.uk](mailto:tojumaleghemi@yahoo.co.uk))

- No update

**Net mapping project working group:**

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

- No update

**Toolkit working group:**

Co-chairs: Hannah Koenker – JHU [hkoenker@jhuccp.org](mailto:hkoenker@jhuccp.org) ; Jessica Rockwood – IPHA [jessicarockwood@verizon.net](mailto:jessicarockwood@verizon.net); Marcy Erskine IFRC – [marcy.erskine@ifrc.org](mailto:marcy.erskine@ifrc.org)

- 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 April 1st AMP call: Cameroun, CAR, Liberia, Sudan**

**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

**Ongoing issues:**

- AMP TA provider Greg Pirio continues to provide TA at a distance to the national programme on communications
- Following the UC campaigns in 5 provinces, trying now to develop and implement a communications strategy designed to encourage net use and care
- AMP has recommended the importance of moving forward with the media workshop because it will greatly enhance the capacity of the provincial media outlets to program on post-campaign themes for the short and long terms.
- Since NMCP has set up a journalism network (rede jornalístico) on malaria, there has been discussion on how at a national level this network could be mobilized to start nationwide media outreach in support of child survival with malaria prevention, health seeking, and provision of good health services/medications as the centerpiece of this endeavor. The idea would be to start a national discourse on everyone's responsibility for guaranteeing the good health of all children in Angola.
- Potential partners include PMI and UNICEF
- Because of the potential of future media mobilization, the GF-sponsored media workshop could serve as a platform for realizing this more ambitious project, in addition to contributing to the achievement of the post-campaign communication goals regard net use and care in the five target provinces.
- Greg may return to Luanda to help get the mini-dramas produced and aired and Global Fund is extending the timeframe of the current grant

**Cameroun:**

<b>Population at risk of malaria in Cameroun :</b>				<i>22,250,000 (World Malaria Report, 2014)</i>			
<b>Required LLINs :</b>				<i>12,361,111</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>1,537,744 (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>	UC March 2015	12,322,059	12,322,059 (GF)	0		Implementation and Logistics	24.03.2015
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>		<b>12,322,059</b>	<b>12,322,059</b>	<b>0</b>			

**Update on April 1st AMP conference call:**

- 3 AMP TA providers arrived in country last week for a 3 week period to support country planning for mass distribution scheduled in June 2015 and micro planning training
- Terms of reference – Using the AMP model, provide technical support to the Cameroon NMCP and partners for training Regional Supervisors in micro planning and Regional logisticians in logistics management for the 2015 universal coverage nationwide LLIN distribution campaign.
- Planning a nationwide universal coverage LLIN distribution campaign of 12,322,059 LLINs in 2015 for an estimated 22,179,707 population in 10 regions, 189 districts, and 1749 Health Service areas.
- The Global Fund is financing the purchase and distribution costs for 9 regions and the Cameroon government the LLIN purchase and distribution costs for the Central region (Yaoundé).
- The 2015 campaign is planned in 3 phases with staggered arrival of LLINs in country, direct delivery to the capitals of the administrative regions, and planned consequent distributions in the regions
- The AMP consultants learned that the Cameroon NMCP's concept for a training of supervisors in micro-planning also should include training of facilitators for training staff in household registration and

distribution point management. Thus, this training in implementation would need 4 days rather than the standard 2-day AMP micro planning training.

- The logistics Plan of Action has been reviewed, as well as the macro-positioning plan, and modified according to recently confirmed bale volume data
- The storage plans have also been modified and the dates for final assessment missions of the warehouses proposed (2-4 weeks before estimated time of arrival at region level)
- The target dates for distribution, June 15th for North-West and South West regions, June 29th for East and South regions, 4 weeks after planned arrival of all LLINs in each region does not leave much margin for error in shipping LLINs from Region to District, District to Health Area and Health area to distribution points.
- Program implementation activities usually require 12 weeks leading up to distribution. June 15th is 9 weeks after the end of the implementation training.

**Central African Republic (C.A.R.):**

<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
<b>Mass distribution</b>	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
<b>ANC</b>							
<b>EPI</b>							
<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 April 1st AMP conference call:**

- 30% of nets have been distributed in RS2
- Finalising micro planning for RS3
- Transport will start in 2 weeks for RS3
- RS4, 5 and 6 will distribute nets at localised sites at different locations through groups such as MENTOR and MSF

**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)					
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

		n channel	n channel			distribution channel	
<b>Mass distribution</b>	Planned country wide mass distribution (last quarter of 2014)	2,195,796	<b>1,159,089</b> GF <b>289,280</b> surplus from routine LLINs	169,726		Logistics and Implementation TA	09.10.13
<b>ANC</b>			<b>577,700</b> USAID-PMI				
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>	<b>2,195,796</b>	<b>2,026,069</b>	<b>169,726</b>			<b>N/A</b>

**Update on April 1st AMP conference call:**

- 2 AMP TA providers are currently in Liberia providing support in the lead up to the campaign
- The latest Ebola sitrep shows zero new cases after the last known patient unfortunately died this week.
- The next step in the training cascade is to train gCHVs. This is scheduled for mid-April
- Campaign launch date will most likely be 25<sup>th</sup> April 2015, which is also World Malaria Day.
- There is no clear picture about when these nets will be released as there are not cleared yet due to outstanding payments
- Storage for these nets has been identified in Montserrado and contract with the vendor is about to be signed.
- There are clear indications that the procurement process is now moving
- Plan Management has approved the procurement and contracts are being signed prioritizing the most critical material aligned with the movement of nets and training of the gCHVs
- Next step is to select transporters to move the nets from county to districts and communities
- Nine rural counties have been fully supplied with 30,000 bales which is 52% of the total.
- 81% (21,000 bales) of the remaining nets are for Montserrado County where Monrovia is situated. The stock at the first warehouse got finished and they are loading at the second smaller warehouse to send to the rest of the rural counties
- A timeline has been released that the team is fairly confident that they can aspire to. Campaign estimated to end before 30<sup>th</sup> May.
- The M&E work stream has decided to adopt a small End Process survey during the campaign and then a bigger survey after 6 months.
- A draft of the joint monitoring plan has been developed and is in circulation for input. Pending tasks for the M&E work stream are development of TOR for the county and central level monitoring teams, printing of monitoring tools, training of monitors and training of the data management team, recruitment and training of District monitors (they would also conduct the End Process). Discussions are still ongoing for fine tuning looking forward to the usage of the existing structure at county, district and community level through which the process can run smoothly
- Radio jingles were reported as complete and being aired but the team & 7 counties have been confirmed as airing the jingles.
- The posters are yet to be printed as they required a solid distribution date. This is the next process.

**Malawi:**

<b>Population at risk of malaria in Malawi :</b>		15,400,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		8,555,556					
<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	# LLINs available per	LLIN gap per distribution	Budget gap per distribution	Technical assistance requested	Date of most recent

		channel	distribution channel	channel	channel	with date per distribution channel	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:**

- December 2014 2 million LLINs were distributed in the country
- 23 districts remained uncovered with LLINs from the 2014 distribution and will be covered in 2015
- The 2015 distribution will take place in three phases
- The country has been divided into 5 Zones for the 2015 distribution: 1) South-West 2) South-East 3) Central 4) Central-West 5) Northern Zone
- 6.8 million LLINs funded by GF remaining LLINs funded by CONCERN
- Procurement of LLINs has taken place and LLINs are ready to be shipped as soon as country is ready to receive them
- Country will conduct HH registration
- Multiple distribution agents have been identified
- Procurement unit within MoH is looking for two to three agents to conduct transport from port to distribution site
- NMCP is currently finalizing the implementation strategy, micro planning activities
- Micro planning should be complete by mid-March, HH registration will take place in mid-April, arrival of LLINs planned for mid-June and LLIN distribution in July.
- NMCP has already requested more follow up missions from AMP

**Nigeria:**

<b>Population at risk of malaria in Nigeria :</b>		<i>162,000,000 (World Malaria Report 2012)</i>					
<b>Required LLINs :</b>		<i>90,000,000</i>					
<b>LLINs imported into the country three years prior to update :</b>		<i>37,915,945 (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
<b>Mass distribution</b>	UC - 2 LLIN/HH rolling state by state countrywide )started in May 2009 – completed in May 2013)	64,064,949	57,773,191 distributed from 2009 to 2013 (90.2% of the total National target.)	4,442,853	Operational costs for 27 million LLINs		04.09.13



ANC			33 million nets available for routine distribution in 2013				
EPI							
<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:**

- The workshop on LLINs campaign Commodity Management Assessment (CMA) tools development and capacity building anchored by the two AMP Consultants (Alain and Akko) with participants drawn from both NMEP and Partners successfully ended on the 17<sup>th</sup> March, 2015, followed by an exit meeting with key stakeholders yesterday, 18<sup>th</sup> March, 2015.
- AMP Consultants to lead the CMA core group to conduct a Pilot CMA in one of the states between 3<sup>rd</sup> & 4<sup>th</sup> week of April, 2015
- Following mass campaigns in all states in Nigeria between 2008 and 2013, the country has embarked on LLIN replacement campaigns in 18 of the 36 states in Nigeria in 2013-2015. Funded by GF, close to 50 million nets are planned to be distributed;
- The first replacement campaign in Sokoto state was finalized in December 2013 (2.5 million nets). A further thirteen were finalized between March 2014 and January 2015 (> 33 million nets);
- Distributions in the last three states are ongoing (>13 million nets) and will be finalized by April 2015;
- Conducting a Commodity Management Assessment (CMA) has been adopted into the revised Nigeria LLIN campaign guidelines, making it an integral and critical part of the LLIN replacement campaigns. A first CMA led by AMP, with participation of the NMEP and State Malaria Program, was conducted in Sokoto, early 2014. CMAs will need to be conducted in the other 17 States in the coming months.

**Sudan:**

<b>Population at risk of malaria in Sudan :</b>		<i>37,970,000 (World Malaria Report, 2014)</i>					
<b>Required LLINs :</b>		<i>21,094,444</i>					
<b>LLINs imported into the country three years prior to update :</b>		<i>9,040,385 (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>			4,262,414 (for 12 states)			M&E	11.03.2015
<b>ANC</b>			122,000				
<b>EPI</b>							
<b>Totals</b>							

**Update on April 1st AMP conference call:**

- AMP Consultant in country: mission dates March 22 to April 10, 2015



- Activities carried out in this reporting period: 1. *Sharing of key documents received from AMP to the Sudan team* (e.g., on the topics of how to carry out an LLIN durability study; BCC; and continuous distribution systems) 2. *Review by the TA provider of the National Malaria Monitoring and Evaluation Plan 2014-2016* (final draft), NMCP
- Questionnaire development: Using a participatory a first draft of the questionnaire for the LLIN Durability Monitoring Survey was developed. The questionnaire is designed to collect data on LLIN ownership, utilization, net care and repair, exposure to BCC messages on net use, care and repair, and LLIN durability. There are two elements of durability that are measured in this study: net survivorship/attrition, and fabric integrity. (Bio-efficacy measures will not be part of this survey.)
- Survey design and sampling: The time points for each round of data collection were discussed and a decision made to collect data on four occasions: three months after the distribution of campaign nets; and at 12, 24 and 36 months after the distribution. The sampling for the survey was discussed, and the following was agreed upon: the survey design will be a retroactive cross-sectional design; the sampling frame will be all the households in those areas of the targeted states that received campaign nets; and a two-stage cluster design will be used to obtain representative data for the domain of interest (there will be four domains). For the selection of households in each cluster, households will be randomly selected from the list of households that was created when the campaign registration was done. These campaign registers are kept at the locality level, by the malaria coordinator. The number of households to be surveyed in each domain will be 300, with a 25x12 design (25 clusters and 12 households per cluster).
- Organization of the fieldwork: There will be a field survey team in each domain; the team will survey one cluster per day; 5 teams will be needed per domain, with 4 persons; 5 working days will be needed to complete the 300 households in each domain. A cascade training approach will be used, with training to take place first in Khartoum, and then in each domain.
- Quality in data collection: The importance of accurately counting the hole size and location in the LLINs was discussed, and standardized tools to train fieldworkers to carry out this task were introduced by the TA provider (hole template to assess hole size and the hole tally sheet).

#### **Ongoing issues:**

- Sudan has distributed over 12 million LLINs since 2010. Current policy is to use LLINs with a period of time from distribution to the need for a new campaign to be three years.
- The last MIS was done in 2012, and the next one is scheduled for late 2015 (rainy season is from June to November).
- The results from the 2012 MIS showed that the % households with at least one LLIN was 62%; % population slept under an LLN was 14%; under-fives slept under a LLIN was 20%; % pregnant women slept under an LLIN was 13%. The survey found that a main barrier to using LLINs was the lack of availability of LLINs, and that there was a high proportion of households that had nets that were older than 3 years.
- In 2015, 4,262,414 LLINs will be distributed to the twelve target states plus peri-urban Khartoum
- A round of distribution has already taken place in the five states of Greater Darfur (January and February-1.5 million nets) and the mass campaign to distribute 2.7 million nets will take place in June in those states that received LLINs in 2012.
- It is expected that 122,000 LLINs will be available for routine distribution through the health system.
- NMCP is interested to know more about the durability of LLINs and wants to study this under operational conditions found in the country. Questions of interest include: What happens to the LLINs received by the HHs from a campaign? How many are retained in the households? What are the reasons for net loss? What is the condition of the nets over time?

#### **WEST AFRICA REGIONAL NETWORK**

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

**WARN country updates provided on April 1st AMP call: None**

#### **Benin:**

**Population at risk of malaria in Benin**

*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	National universal coverage replacement campaign	5,738,297	6,050,272 (GF 5.245.272, USAID 280.000)	0		Logistics and longer term coordination	16.07.14
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>5,738,297</b>	<b>6,050,272</b>	<b>0</b>			<b>N/A</b>

**Ongoing issues:**

- Follow up on rapid assessment issue from AMP MORE working group will be conducted

**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							
<b>Totals</b>	<b>N/A</b>		<b>746,000</b>				<b>N/A</b>

**Ongoing issues:**

- None

**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	Scale of	# LLINs	# LLINs	LLIN gap	Budget gap	Technical	Date of

channel	distribution	needed per distribution channel	available per distribution channel	per distribution channel	per distribution channel	assistance requested with date per distribution channel	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:**

- Net distribution – Nets for Life is joining the NMCP for mass distribution of 1.5 million nets in the Eastern region.
- It's going to be a point distribution. Initial distribution during the last campaign was house to house, but with high levels of use and limited resources, it has been decided to go ahead with coupling the LLIN distribution to the planned immunisation campaigns
- Coupon distribution will be linked to immunisation campaign – universal coverage campaign 1 net to 1.8
- Malaria Journal paper just published on the cost effectiveness evaluation of the Ghana Hang-Up Campaign. Simple economic modelling was used to investigate the added costs and benefits of hang-up activities as part of a universal LLIN campaign and found that in the case of Ghana, hang-up activities were estimated to be net saving if hang-up increased LLIN use by 10% or more.
- The paper can be accessed with this link: <http://www.malariajournal.com/content/13/1/71>
- Will be topic of discussion on an upcoming AMP call
- School distribution nationwide happening last week of March and 1<sup>st</sup> week of April
- Nets have arrived and stocked at medical stores
- Nationwide distribution is not being evaluated stand alone, will be part of next MIS

**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	0			17.02.15
Continuous distribution	Under Round10 following mass distribution	949,391	347,000				

ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>7,898,786</b>	<b>347,000</b>	<b>0</b>			<b>N/A</b>

**Ongoing issues:**

- Have not heard anything about MIS or post campaign follow up evaluation. AMP MORE group will follow up to see what the country's plans are.
- All nets in the 14 prefectures supported by PMI have started distributing nets in health facilities through EPI and ANC on December 29<sup>th</sup> 2014.
- The CDC Foundation is funding routine distribution of the GF nets, in the context of broader Ebola response.
- Latest data on routine distribution should be presented at the AMP meeting to see how it's going on a process level and if there is an impact on increasing attendance to clinics for malaria.
- It is hoped to get people to increase their confidence in coming back to health centres in the light of the Ebola epidemic
- Seeing some differences in numbers of people presenting for ANC and EPI but data will confirm this for solid comparison
- Health facility staff interviewed believe it is making a difference

**Mali:**

<b>Population at risk of malaria in Mali :</b>		<i>15,880,000 (World Malaria Report, 2012)</i>					
<b>Required LLINs :</b>		<i>8,822,222</i>					
<b>LLINs imported into the country three years prior to update :</b>		<i>5,888,050 (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>	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
<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:**

- Completing their campaign in Kai region
- PSI was implementing the campaign
- Networks did process evaluation in April
- Delays in getting nets all the way out there: reasons include - registration time was not sufficient; people were not registered; people said they were tired with registration processes; standard problems of transport and deciding who funds what pieces; challenges in prepositioning.
- Waiting for final distribution figures after April distribution before report is finalised
- Initial coverage was low as hadn't had a campaign in the last 3 years
- Looking at a total admin coverage after first phase at around 77%

**Niger:**

<b>Population at risk of malaria in Niger :</b>		16,080,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		8,933,334					
<b>LLINs imported into the country three years prior to update :</b>		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
<b>Mass distribution</b>	June 2014 – Dosso		1.6 million			Support to NFM proposal	23.07.14
	April 2015: Southern regions		6.4 million				
<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>

**Ongoing issues:**

- LLINs for Niger campaign arrived late at the port in Benin.
- Some LLINs are currently on their way from Benin to Niamey
- Micro planning is currently underway
- Campaign will use vouchers separated by region
- Preliminary distribution took place of 1.5 million nets.
- Remaining will be done shortly - plans for May
- No nets available for routine distribution
- Campaign planned to start August 12<sup>th</sup>, in one region only - 1.5 million nets
- Larger distribution of 6.4 million nets will be held next year April 2015
- This larger distribution will be restricted to southern regions

**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
<b>Mass distribution</b>	UC door to door integrated with VitA and	3,439,044	3,523,873	None		Implementation , Logistics, RM	21.05.14

	deworming – June 2014						
<b>ANC</b>							
<b>EPI</b>							
<b>Totals</b>	<b>N/A</b>	<b>3,439,044</b>	<b>3.523.873</b>	<b>None</b>			<b>N/A</b>

**Ongoing issues:**

- Distribution of 3.5 million nets is completed and took place from June 5<sup>th</sup> to June 15<sup>th</sup>
- Final report is available
- Hang up campaign planned week of July 1<sup>st</sup>
- Ongoing Ebola outbreak may cause some disruptions to the post-campaign activities – need to track challenges
- Distribution of LLINs integrated with vitamin A supplementation and deworming.
- One net for 2 people with total of 3.523.873 LLINs available
- Door to door strategy for HH registration and voucher distribution – voucher redemption at fixed point distribution sites.
- Distribution over 10 days rather than 7 originally planned to allow enough time for collection of nets at PHUs.
- 5 day hang-up campaign one week after the distribution
- UMCOR DFID, USAID, World Vision International and Global Fund are the main donors providing nets
- Scope of campaign: covering 13 districts, 149 chiefdoms, 1159 Peripheral units, and including the urban area of Freetown
- National training took place in Freetown last week. MOH will start trainings May 28<sup>th</sup> onwards
- Ebola outbreak on border chiefdoms with Liberia and Guinea may impact on campaign activities

**Togo:**

<b>Population at risk of malaria in Togo :</b>				<i>6,150,000 (World Malaria Report, 2012)</i>			
<b>Required LLINs :</b>				<i>3,416,667</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>3,009,135 (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>	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 activities (HH registration and distribution) have taken place

- Post campaign evaluation has taken place (rapid assessment)
- 1,7 mil HHs registered
- 1,642,000 HHS have received LLINs
- 279,000 LLINs are left at district level
- Some challenges – gaps with numbers of coupons and registration materials. May have affected quality of registration process
- 92% coverage achieved
- Average of 3.8 persons per HH were registered.
- Problems with insufficient human resources
- Size and texture of LLINs are things that beneficiaries are complaining about – two types of nets were distributed during the campaign – complaints about quality of nets.
- People with coupons who did not receive nets – need to be reached now – LLINs left will be used to cover these gaps, but presents challenges.

### 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 April 1st AMP call: None**

#### DRC:

<b>Population at risk of malaria in DRC :</b>				67,730,000 (World Malaria Report, 2012)			
<b>Required LLINs :</b>				37,627,777			
<b>LLINs imported into the country three years prior to update :</b>				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							
<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:**

- Country has signed a 18 month malaria grant focused on LLINs with the Global Fund. The total budget is \$ 23 million
- The PR for this new grant will be PSI the same PR as the previous grant
- DFID evaluation of proposed voucher scheme for their campaign was conducted
- Planning a central level training and asked for AMP support
- Need to get in touch with them to determine type of support needed and when this meeting will be taking place

#### 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 out	433,000	449,226	0			03.04.13
ANC							
EPI							
<b>Totals</b>	<b>N/A</b>	<b>433,000</b>	<b>449,226</b>	<b>0</b>			<b>N/A</b>

**Ongoing issues:**

- Continued planning of distribution in Bioko. Should conclude in another 2-3 months from now.
- Draft distribution plan for Bioko campaign has been shared by MCDI with AMP for review and feedback at a distance.
- After some delays, expecting to start distribution of LLINs on Bioko as of the second half of October
- MCDI is looking for a consultant who can review the draft distribution plan and oversee the initial week or so of distribution.

**Tchad:**

<b>Population at risk of malaria in Tchad :</b>				<i>11,410,000 (World Malaria Report, 2012)</i>			
<b>Required LLINs :</b>				<i>6,338,889</i>			
<b>LLINs imported into the country three years prior to update :</b>				<i>8,577,547 (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	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:**

- 5 million nets from GF procured by UNICEF
- Mission report will be made available to the AMP partnership once completed
- In 2014 they plan to do a mass distribution, and estimate the need to be 8,177,640 nets.

- Between TFM, other commitments, carryover from 2013 and 1M from the French (not confirmed), the gap is only 26,385 (if this is the case, MNM might just cover the rest). Without the French, the gap is still over 1M nets.

### 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 April 1st AMP call: None**

#### Burundi:

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

#### **Ongoing issues:**

- Final review of the post campaign report is ongoing and will be shared this week with the country
- Country needs to submit it as an annex to their concept note for NFM funding to the GF

#### 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:**

- MCU has been contacted to request the validation of the process evaluation report so it can be shared.
- Plan of action was a weak document – AMP to support by distance to strengthen this
- Meeting was held between MCU Kenya, USAID-PMI, the Global Fund and AMP - AMP TA provider presented the results of phase 1 of the distribution and the process evaluation
- Looking at getting quantitative data gathered to adapt to phase 2 activities planned in 201 but not much traction from the country on this.
- Waiting for the MCU to give approval on review of the final report for process evaluation before it is widely circulated
- Community MIS will take place before the end of the year – some of the questions on the AMP supported questionnaire will be used
- AMP is supporting Phase I distribution of 3 million LLINs in Western Kenya with a process evaluation
- Phase 1 of campaign will be complete before the end of 2014.
- Phase II of campaign 5.6 million LLINs will be complete in 17 counties in 2015
- There are 0.7 million nets that have no operational costs – 812,000 USD gap for high burden area to be covered

**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
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						
<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:**

- The Malaria Journal paper just published on the study on barrier to net use that was conducted in Uganda is available at the following link: <http://www.malariajournal.com/content/13/1/82>
- Now completed distribution of 11 million nets in 67 districts
- Additional 5 mil nets in country for distribution - remaining balance to complete UC in February

**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 April 1st AMP call: None**

**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
Mass distribution						BCC	03.04.13
ANC							
EPI							
<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 April 1st AMP call: None

### Indonesia:

<b>Population at risk of malaria in Indonesia :</b>		51,900,000 (World Malaria Report, 2012)					
<b>Required LLINs :</b>		28,833,333					
<b>LLINs imported into the country three years prior to update :</b>		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							
<b>Totals</b>	<b>N/A</b>		<b>365,000</b>				<b>N/A</b>

### Ongoing issues:

- Campaign rolled out and seems to have gone very well
- Distribution was finalised on the last week of September
- 3.5 million nets going out
- Campaign delayed due to delays in shipment – delivery needs to go to district level. Campaign should roll out around 3<sup>rd</sup> week of September
- Quality of micro planning so far reported to be excellent

### 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	# 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
Mass distribution							
ANC							
EPI							
Totals							

**Ongoing issues:**

- Finalizing national strategy for LLINs distribution in Pakistan
- Planning to distribute 5.2 Million LLINs during next 18 months, starting April 2015
- 900,000 LLINs per 3 month/quarter
- Before 23 March the district wise distribution of 5.2 M LLINs will be finalized
- AMP has provided advice to the DoMC on strategy for LLIN package disposal.
- Pakistan recently developed "National M&E Framework and Impact Assessment Tools" for LLIN intervention in Pakistan
- Before distribution of LLINs the country is re-designing the strategy and national guidelines and revising their training modules
- 9 million LLINs have been distributed over the last 6 years but their M&E plan was not strong, so this component is to be strengthened for assessment
- Impact assessment guidelines and indicators have been developed. M&E framework recently designed by the programme for better ownership and implementation.
- Means of verification have been integrated in the M&E framework for better accountability
- The strategy defines a role for each partner in the operation (national and international partners).
- Decentralised system of government is reflected in the plan
- Baseline has been set for the impact assessment
- The M&E framework can be used for any programme
- The programme manages security aspect by assessing potential risks
- Net Mapping group received information from Pakistan – very good data received of last 3-4 years of how many nets have been distributed per district – to be used as key country by AMP in mapping district level distribution.
- DMC will circulate all revised ITN strategy and revised training materials. Marcy will be sending to various individuals in the partnership to review different sections and get input from AMP
- Malaria accounts for 16% of total case load in the country

**Papua New Guinea:**

<b>Population at risk of malaria in Papua New Guinea :</b>		<i>7,011,000 (World Malaria Report, 2012)</i>					
<b>Required LLINs :</b>		<i>3,895,000</i>					
<b>LLINs imported into the country three years prior to update :</b>		<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:**

- Doing their 3<sup>rd</sup> round of full coverage village by village
- <http://www.facebook.com/ram.australia>
- Interesting case: high malaria endemic country; hard to get to; innovative techniques used
- High coverage of nets – data available on number of villages, people etc.
- Data was gathered 3 years ago.
  - At the time net coverage was at 64.6%. Now it stands at 84%
  - Usage has gone from 43% to 50%
  - Malaria rates have dropped from 18% to 6.8% and in one village from 24% to 7%
- Malaria is prevalent among a higher age group
- Rotarians Against Malaria (RAM) has been given the task of coordinating the distribution Long Lasting Insecticidal Nets (LLINs) to every household in PNG