

AMP The Alliance for Malaria Prevention

Expanding the ownership and use of mosquito nets

AMP Conference call minutes: www.allianceformalariaprevention.com

10th December 2014

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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 – December 10th 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, 17th December 2014 10:00 EDT, 14:00 GMT / UTC, 16:00 CET

Participants:

AMF:	Peter Sherrat
AMP participants:	Melanie Caruso, Jean-Marc Grégoire
BASF:	
Bayer Environmental Science:	
Bestnet:	
Buy a Net:	
CDC / PMI:	
CRS:	
Disease Control Technologies:	
Drive Against Malaria Netherlands:	
Gates Foundation:	
Global Health Partners:	Doreen Weatherby
IFRC:	Marcy Erskine
Independent participants:	John Milliner, Muhammad Mukhtar (Pakistan)
Intelligent Insect Control:	
IPHA:	
JC Flowers Foundation:	
JHU Centre for Communications:	
Malaria No More:	
MCDI:	



For additional information:

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MENTOR Initiative:
 Nets for Life: Gifty Tetteh, Sam Asiedu
 PLAN Canada: Bernabe Yameogo
 PSI: Cedric Mingat
 RBM Secretariat & SRNs:
 Rotarians Action Group on Malaria: Drake Zimmerman
 RTI:
 Tana Netting:
 Tony Blair Faith Foundation:
 UMCOR:
 UNICEF: Lama Suleiman
 UN Foundation:
 USAID / PMI:
 VF: Naomi Buhn
 WHO:
 World Vision:

General updates:

AMP 2015 Partners' meeting – 26-27th January 2015, IFRC, Geneva, Switzerland

- AMP Partners meeting – save the date and registration details have been sent out – deadline for registration December 31st 2014 – please send registration to melanie.caruso@ifrc.org
- The meeting will be held on 26-27th January 2015 at IFRC HQ, Geneva, Switzerland
- AMP agenda to be developed for the partners meeting and circulated soon
- VCWG will be held in Geneva from January 28-30th 2015 immediately following the AMP meeting at ILO
- AMP working group sessions will be held on January 28th 2015 at IFRC

AMP working group updates:

Country support working group:

Chair: Marcy Erskine IFRC – marcy.erskine@ifrc.org

- Mapping of countries needing support in 2015 has been done – need to get in touch with countries to confirm mapping and country needs

Current AMP TA missions:

Country	Type of technical support requested from AMP	Partners	Mission dates
Angola	Implementation, Logistics, and coordination	AMP	Phase 2 TBD (7 TA providers)
Burundi	Post-campaign evaluation	AMP	December 7-28 th 2014
Liberia	Implementation, BCC and Logistics	NetWorks/AMP	Distance support

Planned AMP TA missions 2014:

Country	Type of technical support requested from AMP	Partners	Mission dates
Equatorial Guinea (mainland)	Implementation, BCC and Logistics	CARN - AMP	TBD

Nigeria	Commodity management assessment training	AMP	Q4 2014
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Completed AMP TA support (distance and in-country) 2014:

Country	Type of technical support requested from AMP	Partners	Mission dates
Angola	Micro planning BCC/Communications Logistics x3	AMP/OGAC AMP/OGAC AMP/OGAC	Distance support May-June 2014 July-August 2014
CAR	Logistics	AMP/OGAC	January – February 2014
Kenya	Implementation BCC/Communications Logistics Implementation Logistics Process evaluation results	AMP/IFRC AMP AMP AMP AMP AMP	Distance support July 2014 July 2014 September 2014 September 2014 November 2014
Cameroun	Logistics Implementation	AMP/OGAC	February 2014
Côte d'Ivoire	Implementation	Distance support	Q1 2014
Burundi	Implementation/Logistics Logistics Implementation/Logistics	NetWorks AMP/OGAC NetWorks	January 2014 Feb-March 2014 April-June 2014
Equatorial Guinea	Implementation/BCC	Distance support	October 2014
Guinea Bissau	M&E	Distance support (MORE working group)	October/November 2014
Malawi	Implementation	AMP/OGAC	September 2014
Niger	Implementation and Logistics	AMP/OGAC	March-April 2014
Nigeria	Logistics Implementation Logistics	AMP/OGAC IFRC AMP/OGAC	January 2014 January 2014 March 2014
Sierra Leone	Logistics	AMP/OGAC	February – March 2014
Swaziland	BCC/Communications in elimination context	AMP	September 2014
Tchad	Logistics Implementation	AMP/OGAC AMP/OGAC	February-March 2014
Togo	Logistics Implementation/Budget Logistics Implementation/Coordination Logistics	AMP/OGAC AMP/OGAC PLAN Togo AMP/OGAC PLAN Togo	January 2014 March 2014 April 2014 July 2014 August-September 2014
Benin	Logistics Logistics Logistics Implementation/Logistics	AMP/OGAC Africare NetWorks NetWorks	April - May 2014 May – June 2014 July 2014 August 2014

	Implementation/Logistics	NetWorks/AMP	October 2014
Liberia	Logistics and Implementation Logistics Logistics	Distance support Networks Networks	Distance support May-June 2014 June 2014
Indonesia	Implementation (micro planning)	UNICEF	March – May 2014
Total # of countries supported by AMP in 2014 (distance and in-country) :		18	

Emerging issues working group:

Co-chairs: Megan Fotheringham – USAID/PMI mfotheringham@usaid.gov and Emmanuel Obi – NetWorks Nigeria e.obi@malariaconsortium.org;

- No update

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)

- No update

Net mapping project working group:

Chair: John Milliner – Milliner Global Associates jemilliner@gmail.com

- Plan to get a good story out of the 4 countries where we have distribution data (the Gambia, Angola, Kenya and Pakistan)
- To be presented at the AMP meeting, to see if there is a desire for other countries to join in
- Once maps are set up there will be a decision as to whether we go ahead to map other countries

Toolkit working group:

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

- Waiting on a couple of comments on the procurement chapter after which that section will be finalised
- Revision of AMP flyer is complete – final version circulated with the minutes of this week’s call. Hard copies will be distributed at the AMP partners’ meeting
- TA provider training agenda to be developed

Africa countries that implemented country defined universal coverage strategies (national or sub-national in scale).

# of countries	Country
28	Benin, Burkina Faso, Burundi, Cameroun, Congo-B, Cote d’Ivoire, DRC, Eritrea, Ethiopia, Gambia, Ghana, Guinea Bissau, Kenya, Liberia, Madagascar, Malawi, Mali, Mozambique, Nigeria, Rwanda, Senegal, Sierra Leone, South Sudan, Tanzania, Tchad, Togo, Zambia, Zimbabwe

AMP 'ACTIVE COUNTRIES'

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

AMP 'Active Countries' updates provided on December 10th AMP call: Angola, Burundi, CAR, Liberia

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 December 10th AMP conference call:

- AMP TA providers gradually leaving Angola. 3 left in country but leaving in the next week
- Visas ran out of time and could not stay until distribution is being held
- 2 provinces are starting distribution in rural areas and 2 others are waiting for funding transfers from GF
- 1 province will probably stay on hold because of financial management considerations, and will probably have a different NGO take over implementation in the new year
- Problems identified in phase 1 of the TA in terms of difficulty with financial flows have been the major bottleneck in rolling out the distributions on time.
- As in many countries, everything slows down for Christmas, so hoping to have distributions held before December 18th
- Mission is coming to an end so some follow up needs to be done at a distance with the PR, the NMCP and the AMP consultants.
- Exploring post campaign communication activities.
- Possible delays anticipated on data coming from distribution: might have people finish distribution and come back to do data gathering in January because of Christmas break.

Ongoing issues:

- 2nd phase of TA – 7 TA providers in country from AMP
- **Namibe** - the distribution should start this week and is expected to end on December 11th. AMP TA provider will be on ground throughout the distribution period.
- **Cabinda** - the distribution should start this week and should also end around the 11th.
- These two provinces are in "green" - we don't foresee major issues with finishing the distribution.
- **Bengo** - the last numbers for the household registration are still coming in, so the province is not yet ready to start the distribution. It is hoped that the situation will be regulated soon and that the distribution will take place before the holiday break.
- **Lunda Norte** - the household registration numbers are to be finalized today and it is hoped that the distribution will start next week.
- These two provinces are "yellow" - we expect that the distribution will be completed in December barring unforeseen circumstances.

- **Lunda Sul** - while technically the province could start distribution in the coming week, financially things are not in line so the distribution will be delayed. It will be up to the GF / World Learning to determine whether the distribution will take place in December or January depending on the severity of the financial management problems.
- This province is in "red" in terms of the likelihood of finishing the distribution before the end of December.
- In terms of the AMP team and how we will function between now and when the consultants leave, Jean Marc will remain team lead and will be providing distance support from Canada. He will maintain daily contact with the consultants on ground and will work to ensure that we get final reports from each of the consultants on time
- If there are any delays and provinces are pushed to January for roll out, we have funds available still from PMI, so we would just need notification as to whether any consultant support is required in January

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 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							
Totals	N/A	5,738,297	6,050,272	0			N/A

Ongoing issues:

- Distribution is complete
- Mission report to be circulated soon
- 4 of 6 departments have not enough nets, and other 2 departments have too many nets, but don't want to redeploy nets to fill gaps. Looking at that more closely to look at how to solve this issue.
- Strategy : HH registration coupled with voucher distribution. HH registration is planned between 25 and 31 July 2014
- Distribution of LLINs used a fixed site strategy –
- Budget: LLINs mobilised 6.050.272 (GF 5.245.272, USAID 280.000) – no operational gap except for hang up

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	# LLINs available	LLIN gap per	Budget gap per	Technical assistance	Date of most

	n	per distributio n channel	per distributio n channel	distributio n channel	distributio n channel	requested with date per distribution channel	recent update
Mass distributio n	UC 1.8 ratio Feb/March 2014	5,165,200	5,158,410	6,790		Implementation , Logistics	03.04.1 3
ANC							
EPI							
Totals	N/A	5,165,200	5,158,410	6,790			N/A

Update on December 10th AMP conference call:

- Bafei is providing support to the post campaign evaluation from December 7th to 28th 2014
- Teams are training at central level tomorrow, and heading to the field next week.

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

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)			
Distributio n channel	Scale of distributio n	# LLINs needed per distributio n channel	# LLINs available per distributio n channel	LLIN gap per distributio n channel	Budget gap per distributio n channel	Technical assistance requested with date per distributio n 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	30.04.201 4
ANC							
EPI							
Totals	N/A	2.2 million	2.2 million	0			N/A

Update on December 10th AMP conference call:

- Teams went with advocacy kits to start meeting with leaders in areas identified for first wave of distribution
- From the week end, should start training, and then distribution to start next week.
- Within first region very phased approach. Because a lot of transport options and means were primarily owned by Muslim population which have moved, there are not many options for transport.
- Start with 3 most heavily populated districts close to Bangui and then will go on to other 9.
- Distribution planned to finish around 28th December

Ongoing issues:

- Campaign for albendazole and deworming in December scheduled in some parts of the country. May piggy back LLIN distribution with this as the advantage is fixed site distribution which makes things easier for LLIN distribution
- Each partner is adapting strategy on their local area based on the security situation

- In CAR the IFRC is the PR responsible for a national distribution of a total of 2,2 million nets for a population of 4 million
- Approved convoy going out to move fuel to regions 4, 5 and 6 so hopefully vaccination campaign can be rolled out before end of year to which nets will be added in the convoy
- 2 LLINs per child would be distributed at the time of delivery of polio vaccines

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 December 10th AMP conference call:

- Documents to be produced and shared with GF to have their revised procurement and micro plans approved
- Revised training documents, plans and materials are still being worked on by the country team.
- Comments from AMP have yet to be incorporated in the revised documents
- Biggest bottleneck is putting in calls for tenders and getting contracting process started and what it means in terms of revising timelines for the distribution.

Ongoing issues:

- Procurement will come through emergency fund of the Global Fund for 450,000 LLINs extra that are needed
- New timeline for distribution is between January to mid-March 2015

Net analysis	
Description	Nets
Total nets required for emergency distribution (Pop. /5 (average HH #) X 3 nets plus 10% for pre-positioning)	2,831,510
Available GF Procured Nets	2,383,426
Available Routine Nets (availability to be confirmed by NMCP)	80,000
Net gap (Required Nets minus GF Procured & Routine Nets in Country)	368,084

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:

- 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

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	Need to fill	800,000					10.04.13

distribution	remaining gap from 2012 mass distribution						
ANC							
EPI							
Totals	N/A	800,000					N/A

Ongoing issues:

- Malawi is expecting to distribute 9,063,286 at national level by mid-2015
- Population: 16,313,914
- 29 Health districts
- First phase takes place mid-October 2014 in 6 districts (population 1,557,979) - 865,544 LLINs to be distributed
- At the moment, the country is conducting HH registration
- Activity funded by PMI through PSI/Malawi
- We are expecting to register:339,778 HHs in a period of 10 days
- This activity started last week on Friday Sept 26th in some districts and the remaining districts started on Monday Sept 29th
- No vouchers/No bracelet (Chief of the village at the distribution)
- Appointed supervisors from District
- National level: 7 teams+ 2 senior teams (PMI & NMCP) for supervision
- Next phase to 2015 – expect distribution to be done between May and June but maybe delays in terms of procurement. Focus is on distributing before the rains start from July to September
- Mass campaign of 9 million LLINs planned for 2015.
- The 9 million LLINs will arrive in country in April 2015
- Country has decided to use routine LLIN stocks to cover gap of LLINs

Swaziland:

Population at risk of malaria in Swaziland :		<i>337,000 (World Malaria Report, 2012)</i>					
Required LLINs :		<i>187,223</i>					
LLINs imported into the country three years prior to update :		<i>91,725 (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						BCC	03.04.13
ANC							
EPI							
Totals	N/A						N/A

Ongoing issues:

- AMP TA provider is currently in-country
- 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.
- AMP is working back and forth with the country at the moment on a terms of reference for BCC support in this regard

Togo:

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

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.

WEST AFRICA REGIONAL NETWORK

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

WARN country updates provided on December 10th AMP call: Guinea

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:

Presentation from Ebrima Jarjou (CRS) on the use of mobile technologies in LLIN distribution in the Gambia

- Ebrima can be contacted for more details on the following email address: Ebrima.Jarjou@crs.org
- The powerpoint presentation is attached to this week's minutes
- CRS has been involved in distribution of nets since 2005 in the Gambia and supported two campaigns
- The first post campaign evaluation supported used pencil and paper data collection. The completion of the data analysis was lengthy and expensive.
- CRS decided to go onto mobile technology during the second campaign supported in order to get high quality data generated and timely decision making.
- Analysis of data can be done at any point in time during the exercise. Data gets in much faster.
- During the current campaign, the actors were able to know exact levels of coverage after the 2nd day of the campaign, rather than 7 months after the first campaign
- Used iPad minis for the exercise – the objective was to find out who received a bed net and within which community.

- During the previous campaign CRS hired 2000 people to do data collection. With the use of the iPad minis only 200 people were hired.
- The device also supports GPS to know location where nets have been distributed. 2 people work together, the first to collect data, the other to scan vouchers
- The iPad and the scanner are linked electronically. The scanner counts the vouchers through a code printed on the vouchers and the information is transferred into the iPad.

Conditions Required to Using ICT4D in LLIN Campaign

- Successful use of ICT4D technology in any LLIN Campaign requires detailed and impeccable macro and micro plans
- Willingness of the GSM companies to provide coverage for data transmission from devices to the main storage server
- High GSM coverage in the targeted areas is essential
- Availability of good electricity or sun light for recharging batteries, and skilled personnel to use the devices
- Develop a detailed business process for the use of the device
- Provide training for supervisors and distributors on their roles and use of the device
- Provide adequate supervision of teams and management of field operations

Challenges:

- Difficulty charging devices due to erratic electricity supply upcountry
- Failure of barcode scanners to connect to their iPads
- Mistakenly logging out of the iForm platform and not knowing how to log on due to limited experience
- Limited mobile coverage in the remote settlements affected timely uploading of data
- Some team members mistakenly changed the iPad settings affecting the auto-sync and location services functions.

Lessons Learned:

- Some team members mistakenly changed the iPad settings affecting the auto-sync and location services functions
- More time required for training to address issues like troubleshooting and other to reduce field problems
- Using ICT4D devices is motivating but low allowance to supervisors and distributors was demotivating
- The target set per team was unrealistic (500 vs 300)
- Use of notepads before entering data into the device to help large household members remember all house members

Recommendations:

- Procure one charger per iPad
- Adequate training for supervisors and distributors will increase and improve team performance, competence
- Realistic daily targets should be set per team for effectiveness and efficiency
- Note books should be provided to enhance team performance
- Ensure all software needed for data uploading, analysis and retrieval are functional

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 per distribution channel	Date of most recent update
Mass	Door-to-	13 million		0			03.04.13

distribution	<i>door stand alone hang up campaigns completed in 2012</i>						
ANC							
EPI							
Totals	N/A	13 million		0			N/A

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 1st 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

Population at risk of malaria in Guinea :				<i>10,200,000 (World Malaria Report, 2012)</i>			
Required LLINs :				<i>5,666,667</i>			
LLINs imported into the country three years prior to update :				<i>3,502,437 (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	UC national campaign 1/1.8 ratio June 2013 (phase 1) Conakry phase 2 – dates TBC	6,812,066	5,912,222	140,000 in GF funded districts 460,000 countrywide			30.04.14
Continuous distribution	Under Round10 following mass distribution		347,000				
ANC							

EPI							
Totals	N/A	6,812,066	6,259,222	460,000			N/A

Update on December 10th AMP conference call:

- Distribution of routine LLINs has begun to the 14 PMI-supported prefectures including Conakry.
- Of these, 8 prefectures were trained and 4 have already started distribution
- CDC to visit a few of the facilities next week. .

Ongoing issues:

- Moving ahead with planning of routine distribution of nets through ANC and EPI - first time in Guinea
- Negotiating a different way to get nets out from central depot to district level – mechanism to get nets out directly to health centres.
- Guinea has a severe Ebola outbreak that has serious repercussion on malaria morbidity and mortality
- Malaria and Ebola fevers are difficult to distinguish at early stages of illness, the Ebola control programme will support any measure that lowers the incidence of the confounding malaria fevers and deaths.
- WHO GMP has been asked to come up urgently with gap estimates for malaria drugs and LLIN in this light
- In 2013, 2'698'050 LLIN were shipped to Guinea according to net mapping data

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 distribution				695,126			
ANC							
EPI							
Totals	N/A	8.67 million	4.5 million	5,168,927	7,981,194		N/A

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:

Population at risk of malaria in Niger :		<i>16,080,000 (World Malaria Report, 2012)</i>					
Required LLINs :		<i>8,933,334</i>					
LLINs imported into the country three years prior to update :		<i>1,266,562 (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	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:

- Delays on receiving nets in country
- VPP process was followed as per GF request
- Finally received nets 2 weeks ago
- Campaign planned to start August 12th, 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

Nigeria:

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

	May 2009 – completed in May 2013)		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

Ongoing issues:

- Ending of pilots and current evaluation for school based distribution, and care and repair work. All of these are to be discussed by Networks and PMI next month for presentation. Preliminary results seen so far is strong on school based distribution. On care and repair, it is still unclear at this point if focused activities are of added benefit – waiting for final results
- NMEP is embarking on its first wave of replacement campaigns following the successful distribution of over 57 million LLINs in all 36 States of the country between 2009 and 2013.
- Most campaigns should be rolled out in May-June to close the booster project – not in time for March distribution as originally planned
- Working to revise its continuous distribution guidelines and put together a toolkit for routine distribution channels – have 33 million nets for routine this year.
- The Nigeria LLINs universal mass campaign commenced in May 2009 and the campaign was concluded in May 2013 in the remaining three States namely Delta, Kogi and Osun and the two senatorial zones in Oyo State.
- The report of the campaign shows that a total of 57,773,191 of the planned 64,064,949 LLINs have been distributed in 36 states and FCT, representing 90.2% of the total National target.

Sierra Leone:

Population at risk of malaria in Sierra Leone :			<i>6,000,000 (World Malaria Report, 2012)</i>				
Required LLINs :			<i>3,333,334</i>				
LLINs imported into the country three years prior to update :			<i>4,195,850 (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	UC door to door integrated with VitA and deworming – June 2014	3,439,044	3.523.873	None		Implementation , Logistics, RM	21.05.14
ANC							
EPI							
Totals	N/A	3,439,044	3.523.873	None			N/A

Ongoing issues:

- Distribution of 3.5 million nets is completed and took place from June 5th to June 15th
- Final report is available
- Hang up campaign planned week of July 1st
- 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 28th onwards
- Ebola outbreak on border chiefdoms with Liberia and Guinea may impact on campaign activities

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 December 10th AMP call: Cameroun

Cameroun:

Population at risk of malaria in Cameroun :					<i>xxx (World Malaria Report, 2012)</i>		
Required LLINs :					2,494,445		
LLINs imported into the country three years prior to update :					<i>xxxx (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	UC March 2015	12,322,059	12,322,059 (GF)	0		Implementation and Logistics	30.04.2014
ANC							
EPI							
Totals		12,322,059	12,322,059	0			

Update on December 10th AMP conference call:

- On priority list of GF for TA in 2015 but heard nothing in terms of actual requests for support from the country
- PSI was first identified to be PR for malaria component, but after discussion, it has been decided that NMCP/MOH will be PR

Ongoing issues:

- PNLP CAR, Cameroun and Chad met to discuss populations moving in border communities due to CAR insecurity. Looking at how they can cover refugee camps populations with nets from CAR national campaign

- This would be a new operational approach for GF
- National campaign covers 10 regions. The 10 regions are to be divided in 4 and campaign will be step by step
- Dividing the country up into 4 separate campaigns – suggestion that purchasing process be divided in 4 to stagger delivery dates to the port of Douala
- Country prefers to start distribution in March
- Looking at first shipment around December/January
- Based on population estimates given we are looking at approx. 12 mil nets to meet needs
- Plan is that the GF will purchase nets and deliver to Douala. Other funding needs to be found for operational costs and delivery to distribution points.

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:

- Consultants from NetWorks project have been doing assessment of the EPI activities and continuous distribution assessment to look at other distribution options through ANC and EPI systems. Report is being drafted and to be shared soon

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:

- 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:

Population at risk of malaria in Tchad :				<i>11,410,000 (World Malaria Report, 2012)</i>			
Required LLINs :				<i>6,338,889</i>			
LLINs imported into the country three years prior to update :				<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							
Totals	N/A	8,177,640	7,148,020	1,792,561			N/A

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 included all EARN countries.

EARN country updates provided on December 10th AMP call: None

Uganda:

Population at risk of malaria in Uganda :		<i>34,550,000 (World Malaria Report, 2012)</i>					
Required LLINs :		<i>19,194,444</i>					
LLINs imported into the country three years prior to update :		<i>12,480,685 (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	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:

- Uganda going through large distribution with launch due next month. AMP to get more information for country updates on situation and possible NMCP update on a future call
- 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 December 10th AMP call: None

ASIA PACIFIC

Asia Pacific country updates provided on December 10th AMP call: Indonesia, Pakistan

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

Update on December 10th AMP conference call:

- Final data coming in – done better than they had hoped and distribution appears to have been fairly successful – hopefully will share final data when they have it all compiled.

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 3rd week of September
- Quality of micro planning so far reported to be excellent

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							

Update on December 10th AMP conference call:

- 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

Ongoing issues:

- 2.3 Million LLINs (2.2 M GF & 0.13 M by Government) were distributed in Pakistan during 2012-2014 and a proposed plan of distribution of 900,000 during Oct-Nov 2014 is also available.
- Malaria accounts for 16% of total case load in the country
- The slides attached show endemicity per area which varies (see slide 3)
- Overall malaria situation in Pakistan over the last 5 years:
- Clinical malaria cases: 4.0-4.5 Million
- Confirmed cases through Malaria Info. System (MIS): 250,000-300,000
- Main transmission: post monsoon (Sep-Nov)
- Components of National Malaria Control Strategy:
- Early Diagnosis & Prompt Treatment
- Multiple Prevention (LLINs, IRS, LSM etc)
- Epidemic Preparedness
- Behavior Change Communication (BCC)
- Partnership Building
- Goal: Reduction of malaria burden by 50% in till 2020 using the baseline of 2010 (API: 0.88)
- Directorate of Malaria Control (DMC) has clear vision for use of LLINs for best management of malaria in country through:
- Procurement of Quality-Qualified LLINs (WHOPES-Recommended)
- Achieving Universal Coverage
- Development and implementation of national strategy
- Partnership building with all stakeholders and donors
- Supporting the Private Sector for local manufacturing of LLINs (TANA Netting started production)
- Sensitization of policy makers for enhanced coverage through Government resources (Inclusion of LLINs in new National & Provincial Strategic Plan (2015-2020)
- Use rates: Utilization currently not more than 35% - results are not very encouraging. Comprehensive health promotion campaign to change behaviours must be put in place to respond to this.
- Operational research giving comparison of areas where LLINs have been distributed and not can be presented to AMP if of interest
- Distribution in 2015 and 2016 will take place

Papua New Guinea:

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

Ongoing issues:

- Doing their 3rd 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