



Global Fund Grant Cycle 7 lessons learned and efforts to ensure ITN optimization

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Alliance for Malaria Prevention

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Overview

- What challenges are ITN programmes facing in Grant Cycle 7?
- How are these being addressed?
- Practical information



ITN programmes are facing a range of challenges

Pyrethroid resistance

- **Resistance to pyrethroids is entrenched and widespread**
- **Cost of optimal tools:** CFP Dual AI nets ~halved cases compared to pyrethroid-only nets in trials, but cost more



WHO Malaria Threats Map

Programmatic issues

- **Coverage:** coverage is not being sufficiently maintained between campaign years
- **Durability:** challenging to maintain effective coverage given ITN durability
- **Use:** Whilst most people who have a net use it, there is variation in this.
- **Reach:** Reaching the last mile is challenging

External issues

- **Financing:** Unprecedented fiscal pressure
- **Population growth:** 41% increase in population in Global Fund supported countries since 2002
- **Insecurity:** 24 countries classified as COE have 76% of malaria cases
- **Climate:** Climate change and extreme weather events drive major upsurges

How are we seeing these surface in GC7?

- W1 saw important gaps in essential services in Y3
- TRP recommendation to fully fund 'essential' case management across all years GC7
- W2-3 countries FRs responded, W1 countries adjusted in grant making
- Appropriate case management adjustments led to bigger gaps in vector control
- Vector control and seasonal malaria chemoprevention remain underfunded – struggle to tread water means inability to innovate around delivery models or expanded deployment
- Additionally, partners struggling to maintain historic geographic coverage in some countries

For grants signed to date:

- \$US 310.3 M gaps for ITN campaigns

- Across 18 countries with important coverage gaps

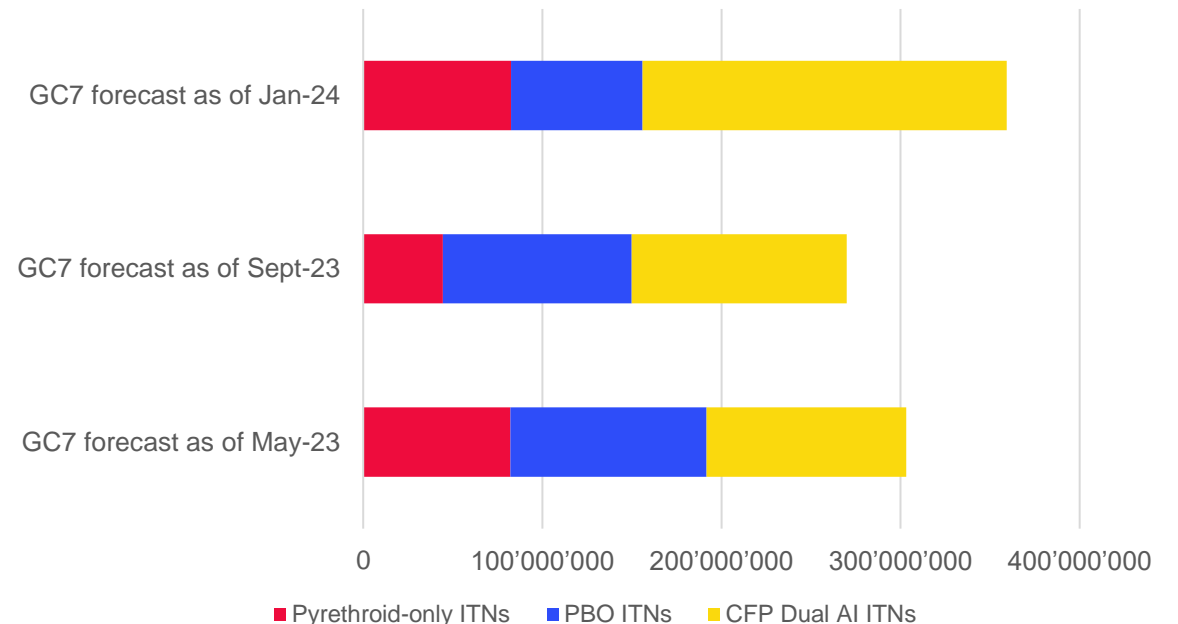
How are these challenges being addressed?

Efforts to bring down prices

New supplier negotiations enabled more affordable CFP Dual AI ITNs

- A “Revolving Facility” was established in collaboration with the Gates Foundation, with the objective of supporting the accelerated introduction of new health products across all diseases
- Volume commitments to two CFP Dual AI suppliers to secure access to lower pricing and shorter lead times
- The negotiated pricing has saved at least \$62M compared to pre-agreement pricing – based on forecasted volumes
- These savings have enabled far wider scale up of these tools than previously expected

ITN volumes and types forecast for Grant Cycle 7 at points through the FR and grant making process



Pricing - and a background of catalytic support – means the transition to more effective nets is accelerating despite funding challenges

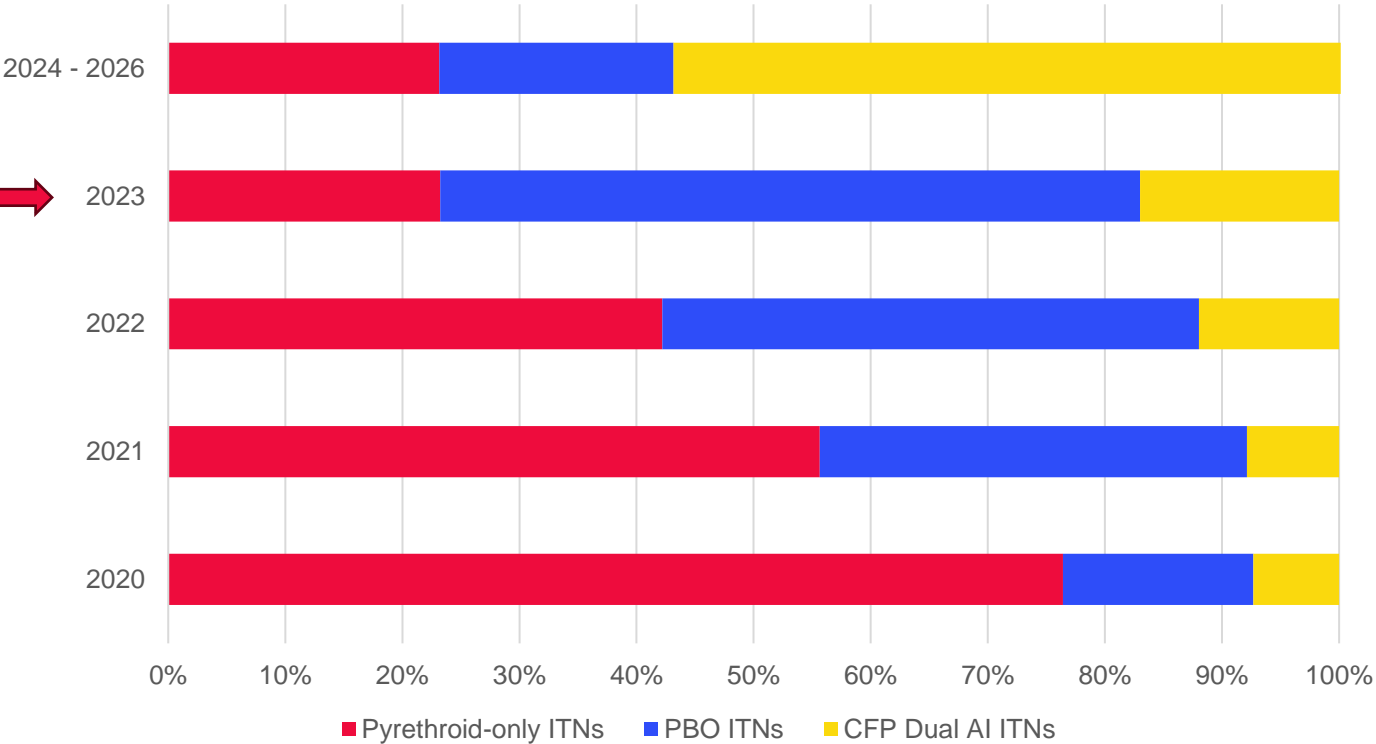
8-years of catalytic support



WHO recommendation,
based on LSHTM led pilots in
Tanzania and Benin



Proportions of Global Fund financed ITNs of different types –
actuals for 2020 – 2023; funded net types for 2024 - 2026



Efforts to find programme efficiencies

- **Campaign design**
 - Exploring opportunities for integration
 - Exploring use of existing resources: CHWs, in-kind storage
 - Campaign digitization: can increase efficient management, share of platform with other programs, opportunities to use distributors' mobile phones, etc.
- **Adapting implementation strategies based on local evidence of need, e.g:**
 - Door-to-door vs. fixed point distributions have different costs; may add value in certain settings but not others
 - SBCC may be focused on the focal area where use given access is less good
- **Reducing coverage** in lower transmission areas – e.g. urban centres

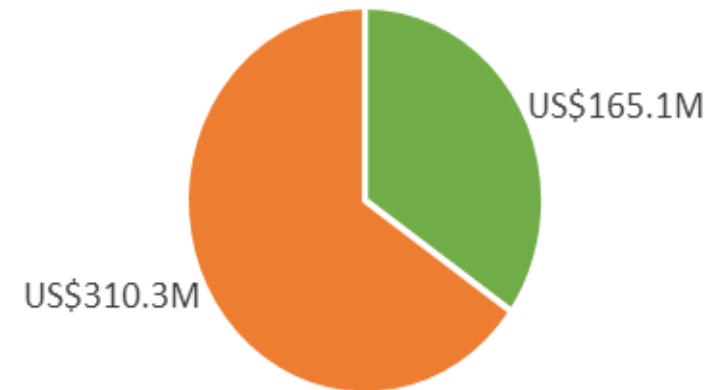


Umar Abdulhamid, delivering information during a door-to-door mosquito net distribution in Kano, Nigeria
The Global Fund/Andrew Esiebo/Panos

With these efficiencies ITN funding gaps have reduced, but are still daunting

- Remaining gaps – 18 countries with a total of US\$310.3M ITN campaign gaps in UQD
- All 18 have coverage gaps; many also have financial gaps to finance the most effective tools.
- For countries 'without gaps' this doesn't tell the full story;
 - Maintaining essential commodities and programming for campaigns and basic routine distribution is the maximum scope
 - It is well understood that these models can't sustain coverage sufficiently; but funding gaps are preventing further expansion/modifications

Initial gaps US\$475.5M
(Above Allocation in Funding Requests)

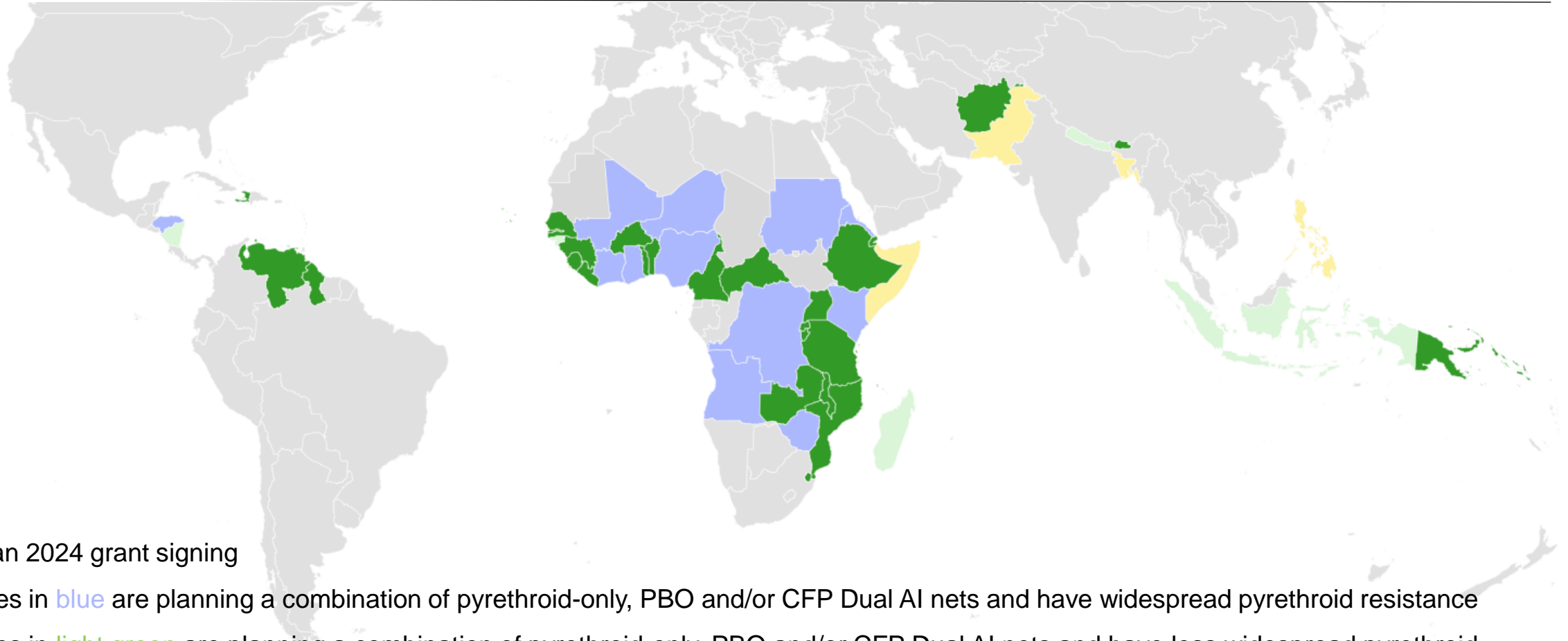


- Funding with savings, included in grants
- Remaining gaps ('Unfunded Quality Demand')

How are programmes handling these gaps?

- **Maximising impactful tools at expense of coverage**
 - Some countries are opting to buy only PBO or CFP nets; but leave some at risk populations uncovered
 - **Maximizing coverage at the expense of ‘upgrading’ to better tools**
 - Several programmes include pyrethroid only nets in areas of pyrethroid resistance, as the way to ensure as many ITNs as possible can be procured
 - **Some programmes have gaps in both type of net *and* geographical coverage**
 - **Prioritizing ITN campaigns and leaving gaps in routine nets, SMC or other grant areas**
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- Modelling can be a useful tool to examine how to avert most cases with the available funds – e.g. MINT (<https://mint.dide.ic.ac.uk/>) or support from various modelling partners (e.g. GMP, CHAI, SwissTPH, Northwestern University, PATH, University of Geneva, MAP)
 - Some country models have shown CFP nets for fewer families, rather than pyrethroid-only nets for more families, is likely to avert more cases. Models are specific to the country context.
 - Modelling tools are also being used to identify subnational areas to target with available ITNs/certain types for highest impact, if funding is insufficient for full effective coverage

Progress towards better nets in areas of pyrethroid resistance



- As of Jan 2024 grant signing
- Countries in **blue** are planning a combination of pyrethroid-only, PBO and/or CFP Dual AI nets and have widespread pyrethroid resistance
- Countries in **light green** are planning a combination of pyrethroid-only, PBO and/or CFP Dual AI nets and have less widespread pyrethroid resistance
- Countries in **dark green** are planning completely PBO and/or CFP Dual AI nets (or have no documented pyrethroid resistance)
- Countries in **yellow** are planning pyrethroid-only nets and have documented pyrethroid resistance

Practical info...



Ordering times



Category and Product-level Procurement and Delivery Planning Guide – Health and non-health products

Indicative Lead Times

Version Q4 2023 – October 2023

This information will be updated periodically, with the latest made available [here](#)

https://www.theglobalfund.org/media/10755/psm_categoryproductlevelprocurementdeliveryplanning_guide_en.pdf

- Lead time is 5-6 months for all ITN types
- However special approaches being taken to CFP nets
 - For CFP Dual AI nets high demand means very advanced planning is needed
 - Cross partner demand and supply mapping underway
 - **Global Fund asking for advanced requisition raising: Feb 29 2024 for all CFP nets needed in country by mid 2025**
 - Later additional volumes can be discussed with country teams

Pricing

[Web update](#) - [Reference Price List](#)

Insecticide-treated bednet (ITN) Reference Price list for budgeting purposes. All prices FOB in USD.						
DIMENSIONS	PYRETHROID-CHLORFENAPYR(CFP Dual a.i.)*		PYRETHROID-PBO		PYRETHROID-ONLY	
		A	B	C	D	E
Product description (Length x Width x Height in cm)	(Colour)	Standard ITN Package (includes hooks, strings and bag)*	ITN only (no accessories)	Standard ITN Package (includes hooks, strings and bag)*	ITN only (no accessories)	Standard ITN Package (includes hooks, strings and bag)*
Commonly used sizes						
180x160x150	White	2.56	2.32	2.54	1.80	1.95
	Light blue	2.65				
180x190x150	White	2.84	2.50	2.71	1.89	2.08
	Light blue	2.94				
Other sizes						
The Global Fund strongly encourages countries to adopt one of the four sizes listed above given additional costs for other sizes. For Dual a.i. nets, there will be significant additional costs (between 15 – 25%) and longer lead times. Pricing for other sizes can be found at this link .						
Customization						
Any changes in specifications to those described as the Standard ITN Package (see below) including alternative bale size, different ITN color, more strings, longer strings, multicolor printing of logos on label and/or bag, user instructions leaflet, etc will incur additional costs.						
*Standard ITN Package includes:						
Number of hooks		6				
Number of strings		6				
String length (meters)		2				
Colour		White or light blue				
Individual bag		Standard bag				
Packaging		Standard care label				
Bale size		50				
**Pyrethroid-Chlorfenapyr ITNs (Dual a.i.) pricing						
The four sizes above are eligible for this special reduced pricing if procured as part of a standardized specification which includes a standard label, a standard bag, and standard accessories including 6 hooks and 6 strings (2m). These prices are subject to special contracting arrangements as part of an innovative operating model being rolled out between Global Fund and Suppliers.						

- Pricing is shown first for the four most commonly used sizes and colours
- Pricing for other sizes is shown via the link here
- For CFP nets, the pricing is much lower for these four common size/colour combinations
- Focusing on these enables more efficient manufacturing keeping prices down and reduce lead times
- Alternative specifications are 15 – 20% (US\$ 0.4 - 0.5) more expensive - and require additional internal approvals for Global Fund grants
- Efficiencies generated by these prices and accelerated lead times have improved the effectiveness of the GC7 grants

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	Light blue	2.65				
180x190x150	White	2.84	2.50	2.71	1.89	2.08
	Light blue	2.94				
Other sizes						
180x160x170	White	3.20	2.51	2.71	1.89	2.07
	Color	3.40				
180x160x180	White	3.34	2.61	2.79	1.93	2.13
	Color	3.56				
180x190x160	White	3.38	2.64	2.84	1.95	2.16
	Color	3.61				
190x180x170	White	3.53	2.74	2.93	2.00	2.22
	Color	3.76				
190x180x180	White	3.67	2.84	3.02	2.07	2.30
	Color	3.91				
210x190x180	White	4.00	3.08	3.26	2.29	2.51
	Color	4.26				
Customization						
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*Standard ITN Package includes:						
Number of hooks			6			
Number of strings			6			
String length (meters)			2m for Dual AI nets 1.5m for Pyrethroid-PBO and Pyrethroid-only			
Colour			White or light blue			
Bag			Standard bag			
Packaging (for Dual AI nets only)			Standard care label			
Bale size			50			
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Margaret Ayuma and her
granddaughter Julia Kulema in
Luanda, Kenya.
The Global Fund/Brian Otieno



Thank you