



IVCC Stakeholder Forum
September 2019

NgenIRS Project

David McGuire, Programme Director



The Vision

The Impact

The Future



IVCC
NgenIRS



The Vision

Early impact

Coleman et al. *Malar J* (2017) 16:324
DOI 10.1186/s12936-017-1971-0

Malaria Journal

Conclusions

The reduction in malaria transmission in the study districts demonstrates the effectiveness of IRS programmes and the potential benefits of their expansion. However, insecticide resistance and its resulting cost implications will determine impact

Open Access



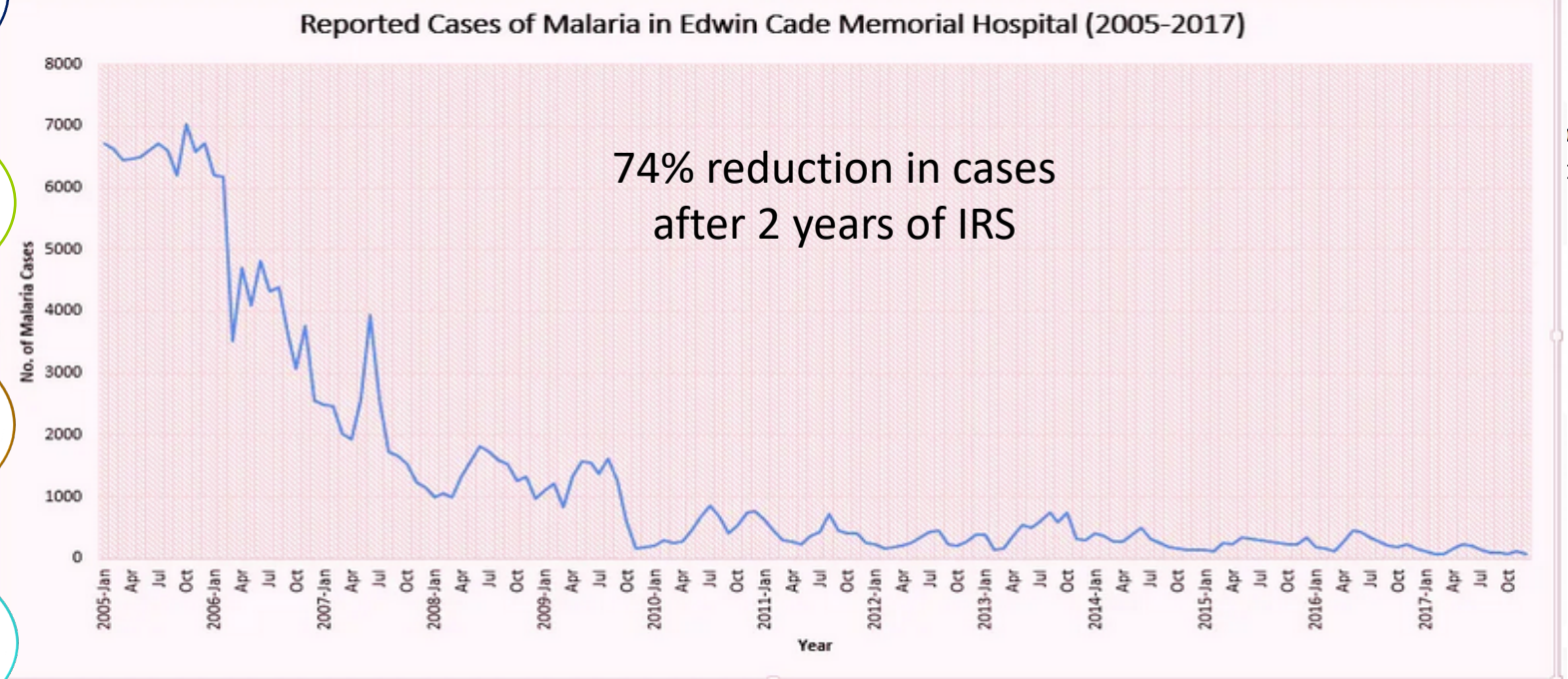
Larval source reduction

in malaria transmission

Environmental
Management

Nets

IRS



Yunyoo District in northern Ghana

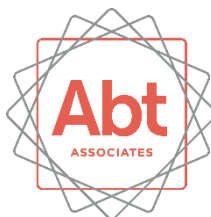
Benjamin Abuaku^{1*}, Collins Ahorlu¹, Paul Psychas², Philip Ricks³, Samuel Oppong⁴, Sedzro Mensah¹, William Sackey¹ and Kwadwo A Koram¹

The Vision

Collective thinking



PDP
Access
Forum



BILL & MELINDA
GATES foundation



The Vision

To address shortcomings



Goal

Increased use of 3GIRS products in Insecticide Resistance Management (IRM) programmes

Outcome

A sustainable, growing and competitive market for effective 3GIRS products at affordable prices

Demand



Accelerate uptake of 3GIRS products

Market stability



Improve global forecast for 3GIRS products

Competition



Support new WHO approved 3GIRS products from several manufacturers

Affordability



Reduce prices of 3GIRS products

Evidence



Gather and disseminate evidence of cost effectiveness and impact of 3GIRS

The Impact



2016 – 2019

High
Price

Reduced prices

- 37% reduction in median price
- US\$39 million saved by partners
- Price caps for 2020-2021

Low
Uptake

Reversed market decline

- 4 – 16 countries
- Estimated 121 million people protected
- 43% more than possible at full price

Unstable
Market

Stabilized market

- Consolidated global forecast
- Volume guarantee
- Integrating forecasting into existing mechanisms

One
Supplier

Multiple suppliers

- 1 – 3 products
- 2 in the pipeline
- Enabled implementation of IRM plans in line with GPIRM

Weak
Evidence

Expanded evidence

- Evidence showing impact and cost effectiveness of 3GIRS in combination with LLINs and other interventions

The Impact

On public health



Averted
4.7-9.4
million
cases



Averted
**4,035-
128,069**
deaths

20-47%
drop in
incidence

60-85%
reduction
in vectors



**70% and
125%**
increase in
incidence
after
removal



The Future

How can we
build on our
success?



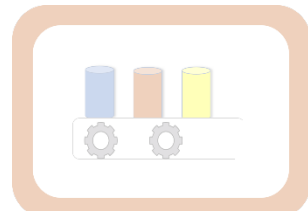
Integration of forecasting

Within the country level vector control advisory groups and RBM/CRSPC mechanisms



Affordability and Funding

- Price caps
- Improve application technology to reduce cost
- Introduce longer lasting products (XLLIRS)
- Complementary funding models



New products

- Introducing more products with different modes of action, to support IRM
- Optimize deployment of IRS with New Nets and other VC tools as they become available



Market expansion

- High burden countries, innovative delivery models, diversification of funding

Thank you for your Partnership

