

A review of the status and future of durable wall linings (DL)

**Hold under the work stream “Optimal choice of
vector control methods” of the RBM Vector Control
Working Group (VCGW)**

Geneva/Ecogia, 23 June 2010

Meeting objectives

- 1. To outline a testing programme leading to epidemiological and entomological proof-of-principle of DL as large-scale vector control tool through full-scale comparative field trials.**
- 2. To prepare and submit to WHOPES a recommendation with regard to the testing of DL (Phases 1-3).**
- 3. To outline how a potential investment of CDC and USAID in DL research could be most effective.**
- 4. To discuss and draft plans for the future development of DL with alternative (non-pyrethroid) insecticides (including fungi and Insect Growth Regulators (IGRs)).**

Meeting outputs

A strategic, coordinated study plan to investigate the benefit of DL as a large-scale, mainstream vector control tool.

A written proposal to WHOPES for a possible DL registration process, with required study phases and their basic content

This meeting on the combination of IRS and ITNs and the one on Durable Wall Lining (DL) are held back-to-back because they are linked by two key assumptions:

1. DL is effectively equivalent to long-lasting IRS; hence testing DL will in effect also be testing the effect of IRS.
2. The conduct of high quality randomized trials will require substantial resources and Phase 3 requirements of the development of DL can be integrated into the work required by component 1.

The meetings were also timed to coincide with the GCDPP meeting - but this reduced the effective meeting time...

Product Development “Phase 0”

1. Registration with
Regulatory authorities

2. WHOPEs
Phase 1

2. WHOPEs
Phases 2-3

3. Epidemiological
Studies
Entomology
Morbidity, Mortality

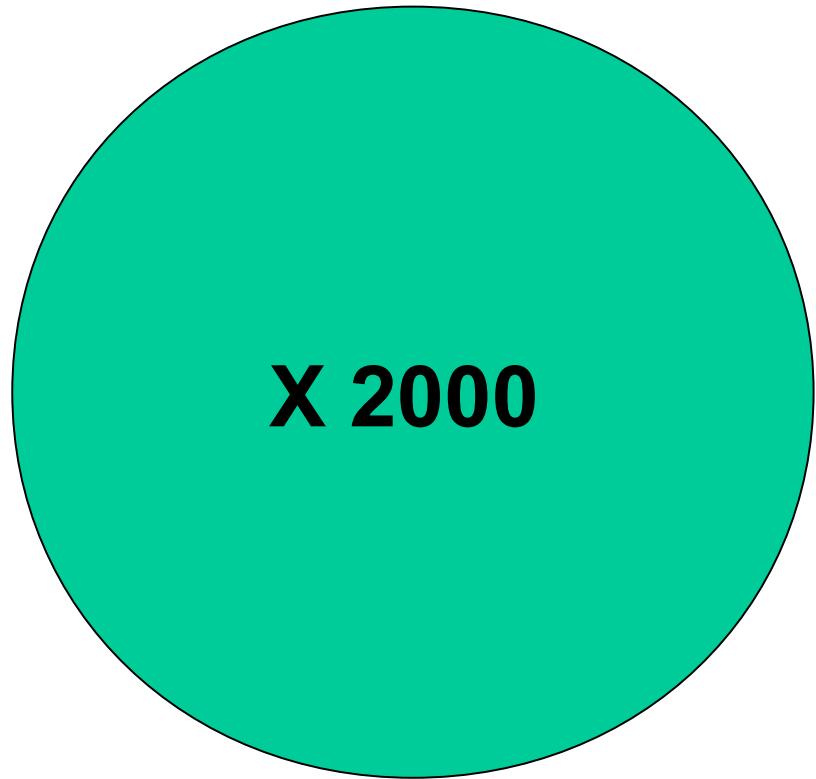
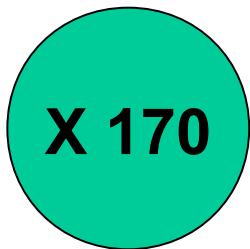
Policies &
Strategies
WHO, RBM

Funding

A new VC product...

Implementation
“Phase 4”

Cost of generating solid evidence versus current and future vector control investments



**Cost of
ITN trials:
<10 mio
USD**

**Investment to-
date in LLINs
(2004-2010):
USD 1.7 Billion
(WHO 2009)**

**Future investments:
1 Billion per year
for 2011-2030
USD 20 Billions
GMAP 2008**