President’s Malaria Initiative (PMI)

Roll Back Malaria Partnership,
Scalable Vector Control Working Group
24 October, 2007

Michael Macdonald, USAID
Ellen Dotson, CDC

www.pmi.gov
Overview

- PMI Goal, Strategy, Scope, and Progress
- Vector Control
  - Insecticide Treated Mosquito Nets
  - Indoor Residual Spraying
  - Cross cutting issues:
    - Environmental Assessments
    - Monitoring and Evaluation
    - Training
Goal and Targets

**Goal (2010):** Reduce malaria-related mortality by 50% in 15 focus countries.

**Targets:** Achieve 85% coverage of vulnerable groups with:

- Artemisinin-based combination therapies;
- Intermittent preventive treatment in pregnancy;
- **Insecticide-treated bed nets (ITNs);**
- Indoor residual spraying (IRS);
Strategy

- Integrated; complement GFATM, WB, et al.
- Strengthen NMCPs; build capacity
- Evidence-based (*investment in M&E*)
- Joint USAID and CDC implementation

**Funds support:**

- Commodities  *(50%)*
- Implementation
- Technical Support
- Monitoring and Evaluation
  - Applied Research
## Scope

<table>
<thead>
<tr>
<th>Year</th>
<th>Funding Level</th>
<th>Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>$30 M</td>
<td>Uganda, Tanzania and Angola</td>
</tr>
<tr>
<td>2007</td>
<td>$135 M</td>
<td>+ Malawi, Mozambique, Senegal and Rwanda</td>
</tr>
<tr>
<td>2010</td>
<td>$500 M</td>
<td>15 Countries</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$1.265 B</td>
<td>15 Countries</td>
</tr>
</tbody>
</table>
Progress

By end of 2007:

- 10 m people protected by IRS
- 4.2 m LLINs distributed
- 15 m treatment courses ACTs
- 1.5 m IPTp doses
- 14,000 HW trained

- Support for: pharmaceutical management, diagnosis and case management, IRS, MIP, M&E
Integrated Vector Management:

Rationalization and Optimization of vector control, alone or in combination
PMI approach to ITNs

- Nearly all are LLINs;
  - retreatment campaigns in initial years

- Aim for high-level coverage and use;
  - Starting with children and pregnant women

- Multiple approaches to ITN distribution;
  - majority free of charge
LLINs: comprehensive approach

- Free distribution
  - Campaign
  - Routine distribution (ANC, EPI, <5 clinics)

- Targeted subsidies (incl. vouchers)

- Facilitate commercial sector
Indoor Residual Spraying

- Target areas and insecticide are selected NMCP and PMI
- Environmental Assessment, Pesticide Management
- Entomological Monitoring, Capacity Building
- Procedures Manual
Larval Source Reduction

- Currently not supported as a primary vector control strategy
- Support for larval control in Dar es Salaam
- Targeted operational research in Sahel region
PMI: ambitious goals, but vast opportunity and great hope for the future.

- IVM: LLINs and IRS
- Pesticide Management
- Entomological capacity building
- Long-term vision