President’s Malaria Initiative (PMI)

Roll Back Malaria Partnership, Scalable Vector Control Working Group
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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
<table>
<thead>
<tr>
<th>Year</th>
<th>Funding Level</th>
<th>Coverage</th>
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</thead>
<tbody>
<tr>
<td>2006</td>
<td>$30 M</td>
<td>Uganda, Tanzania and Angola</td>
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<tr>
<td>2007</td>
<td>$135 M</td>
<td>+ Malawi, Mozambique, Senegal and Rwanda</td>
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<td>2010</td>
<td>$500 M</td>
<td>15 Countries</td>
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<tr>
<td>TOTAL</td>
<td>$1.265 B</td>
<td>15 Countries</td>
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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
• 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