Scaling up Indoor Residual Spraying in Ghana:
Strengthening public-private partnerships

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Obuasi Program Impact

No. of malaria cases seen at Edwin Cade Hospital, Obuasi
(2005-2011)
Malaria Prevalence in Children 6-59 months old

Northern: 48%
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Volta: 17%
Volta: 17%
Ashanti: 22%
Ashanti: 22%
Brong Ahafo: 37%
Brong Ahafo: 37%
Western: 36%
Western: 32%
Central: 4%
Upper: 44%
Upper East: 44%
Eastern: 22%
Eastern: 22%
Greater Accra: 4%
Greater Accra: 4%

Key:
- Red: Above 40%
- Pink: 31-40%
- Yellow: 10-30%
- Green: Below 10%
Ghana IRS scale up plan
Insecticide susceptibility study results - 2011
IRS Weekly Performance Tracker
All 7 Districts (Feb – June, 2012)

Performance Indicator Value

Duration (Weeks)

Estimated Target structures
Cumul structures sprayed
National IRS Performance Tracker
July 2012 - December 2012

Performance Indicator Value vs Reporting Period (weeks)

- Estimated Target structures
- Cumul structures sprayed

Key data points:
- Week 1: 0
- Week 2: 394'216
- Week 3: 454'865
- Week 4: 536'955
- Week 5: 576'162
- Week 6: 606'486
What kind of partnerships exists?

**GOVERNMENT**
- MoH nominated AGA as Principal Recipient for GF Grant
- Govt. Health facilities serve as sentinel sites for M&E activities
- Govt provides infrastructure in districts e.g. storage facilities, offices, security, etc
- Labour is hired from communities being sprayed-job creation

**ANGLOGOLD ASHANTI**
- AGA provides IRS expertise
- Conducts procurements
- Entomology Laboratory for vector control activities
- Managerial support & infrastructure
- Building local capacity for sustainability
Key Partnerships

– MOH / Ghana Health Service/ NMCP
– Environmental Protection Agency (Regulation)
– USAID/PMI (IRS Implementers)
– Noguchi Memorial Institute for Medical Research (Entomology & Epidemiology studies)
– Kumasi Centre for Collaborative Research (Parasite Prevalence Studies)
– Municipal & District Assemblies (Recruitment process, offices, etc)
– Traditional and Opinion Leaders (Community mobilization)
– Community Members (co-operation and appreciation)
– Other mining companies (Newmont, Goldfields, etc)
General challenges

- Anticipated Govt Offices in districts were sometimes non-existent

- Entomological studies showing similar rates of indoor and outdoor biting in the northern zone of Ghana

- Occasional refusals due to unpleasant odour of insecticide – pirimiphos methyl

- Limited sources of WHOPES approved insecticide supply on the global market
Thank You!

• CONTROLLING MALARIA IS OUR
  • PASSION

• SAVING LIVES IS OUR
  • GOAL

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