



FHI 360 Community Malaria Program

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21-22 March 2013



Outline

- Demography Vs Health Structure
- Overview on Migrant Population in Pailin.
- Objectives and Strategic Intervention
- Target Villages and Farms
- Strategic Behavioral Communication (SBC) for Malaria Prevention
- Table Indicators on Achievements

Demography Vs Health Structure

- Locates at north-west part of Cambodia, 376 kilometers from PNP
- Population size: 70,486 (2012)
- Administrative Structure:
 - One District & one City,
 - 4 Communes & 4 Sangkats
 - 83 Administrative Villages
 - 31 Annex Villages
- Health Administrative Structure:
 - 1 Provincial Health Department
 - 1 Referral Hospital
 - 6 Health Centers



An Overview



Pailin is a province where migrants come seasonally for plantation and harvesting crops

Brief Overview on Migrant Population

It is a seasonal labor works and they came in.**

- June and/or July
- December and/or January

They stay at the farm in average of 16 days

Minimum: 5

Maximum: 120

Majority of them were employed 2 times year

2 time (76%)

3 time (6%)

4 time (18%)

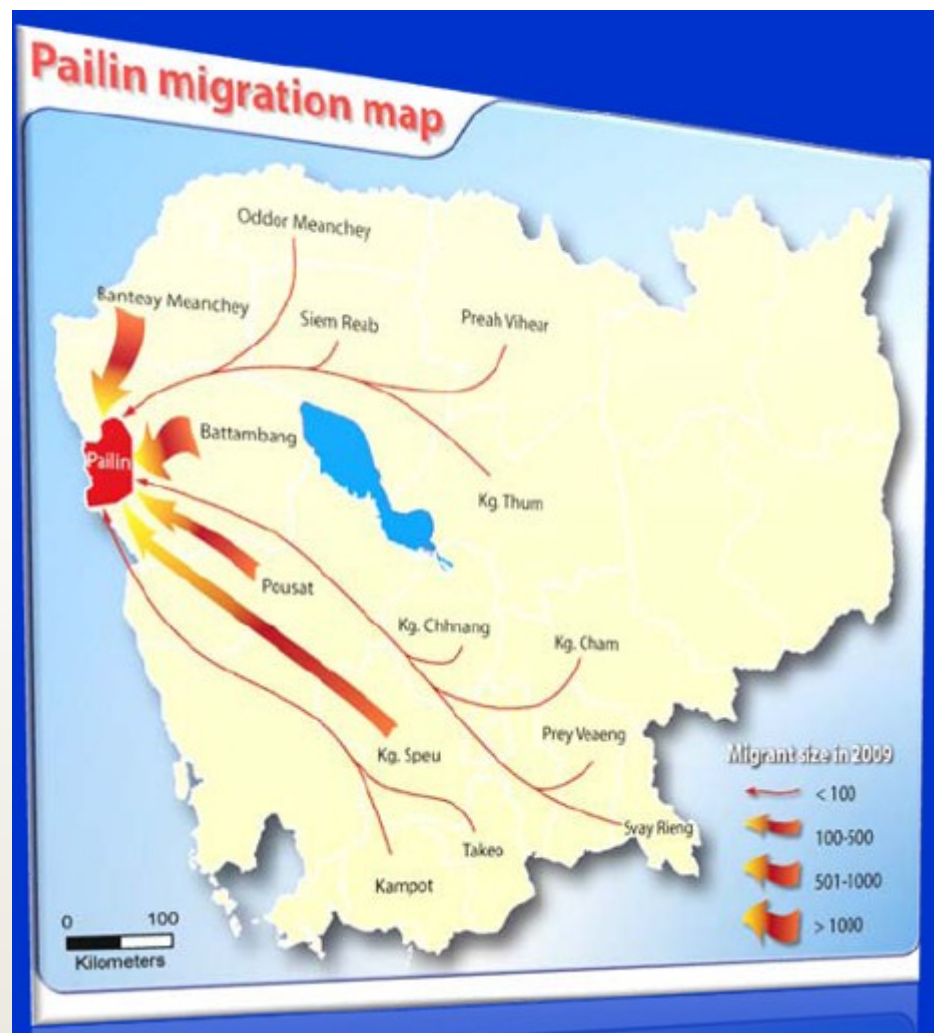


Brief Overview of Migrant Population.....

Most of them came from original provinces ¹:

- Battambang
- Banteay Mean Chhey
- Pursat
- Kg. Speu

(Ranking from higher number)



Objectives and Strategies

Objectives

- Strengthen **preventive measure, case detection and management** among high risk population in Pailin

Strategy

- **Strategy 1: Improve communication and collaboration** with private farm/mine owner and dwellers to fight against malaria
- **Strategy 2: Increase malaria awareness and preventive education**
- **Strategy 3: Increase access to rapid diagnosis and treatment** of malaria patients

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Number of Village Malaria Workers (VMWs) by Year

MSF-2003-06=43
Villages

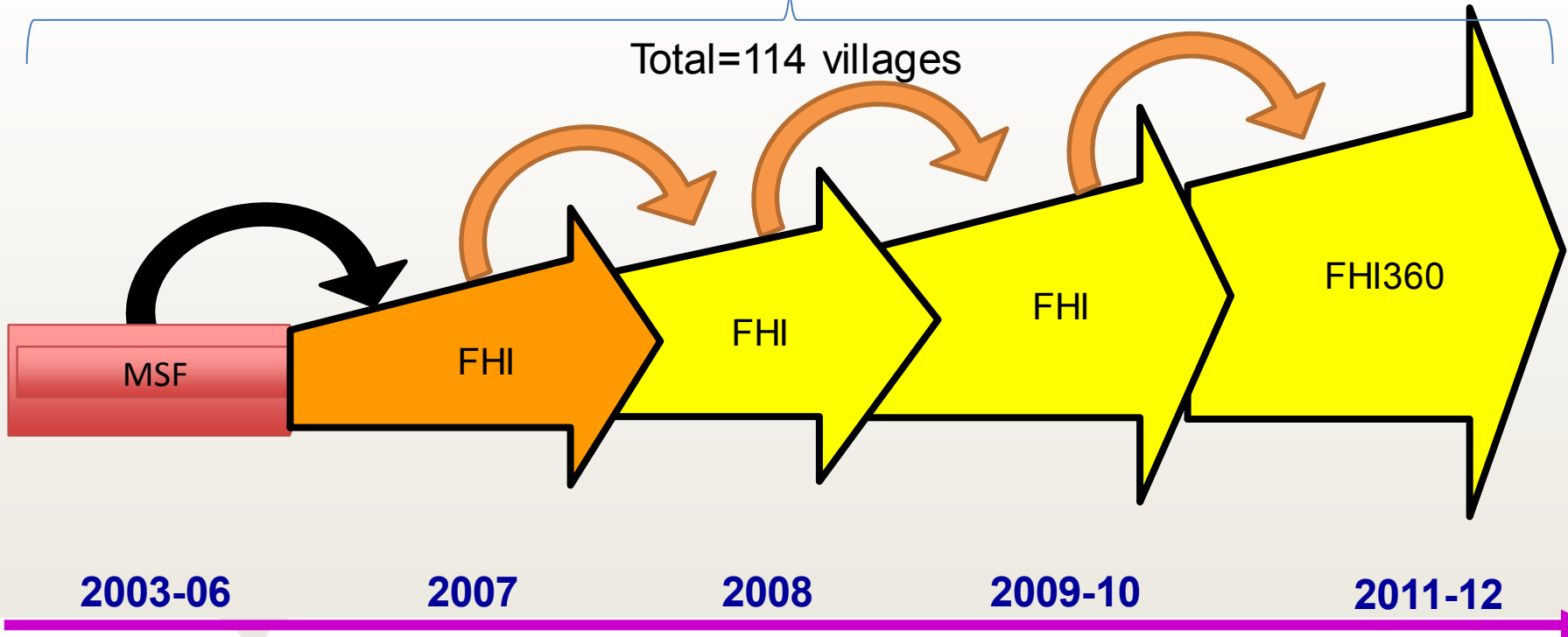
FHI 2007=23
Villages

FHI 2008=23
Villages

FHI 2009-10=28
Villages

FHI360 2011-12=46
Villages

Total=114 villages



Modality of Malaria Control

Outreach Worker and Peer plus mass media approaches:

Outreach Worker – is selected from community and trained to be VMW

Peer -- is recruited from Mobile Migrant Workers (MMW) or member from farm owners

Core components:

- Increase malaria awareness and knowledge and to minimize the misconception and misunderstanding
- Influence a positive behavior and attitude on malaria prevention and health seeking behaviors
- Provide prompt diagnosis and treatment on malaria
- Provide a means for the protection – LLINs and impregnated bed nets
- Coordinate with key relevant stakeholders – PHD, HC, and local authority
- Monitoring the progress of:
 - program
 - Knowledge and
 - behaviors

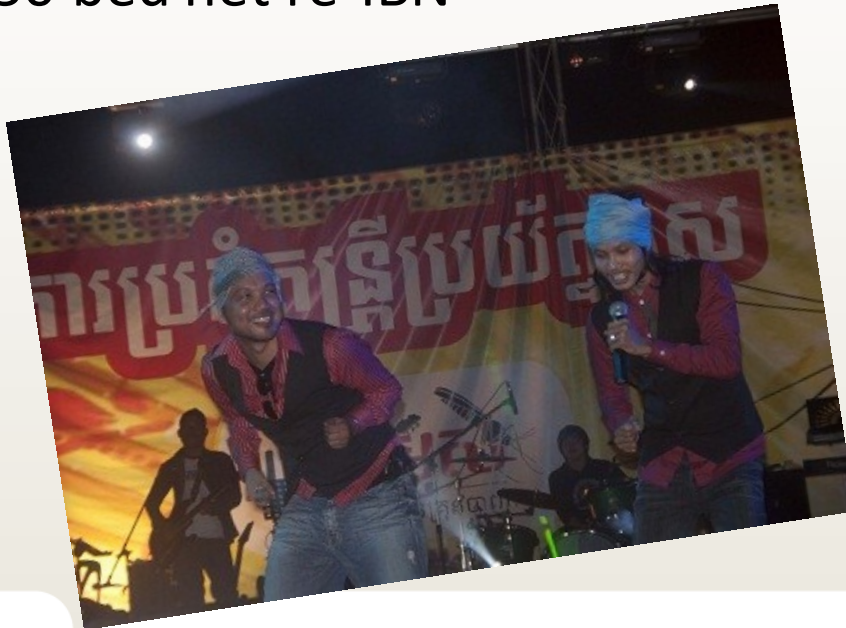
Increase the Malaria Awareness.....(1)

- Conduct a malaria education sessions for both:
 - Community and
 - Migrant population
- Work with taxis or trucks to provide malaria education



Increase the Malaria Awareness.....(2)

- Organize malaria event at community (Prayat Must Big concert)
 - Almost 20,000 participated
 - 250 bed net re-IBN



Increase the malaria awareness.....(3)

❑ Organize monk pilgrimage for malaria education (57 Villages-in 5 days)

- *Approximate 7000 people*
- *750 bed net re-IBN*
- *7 were tested (2 PV+)*
- *800 posters distributed*



Increase the Malaria Awareness.....(4)

- ❑ Organize Malaria community panel and quiz

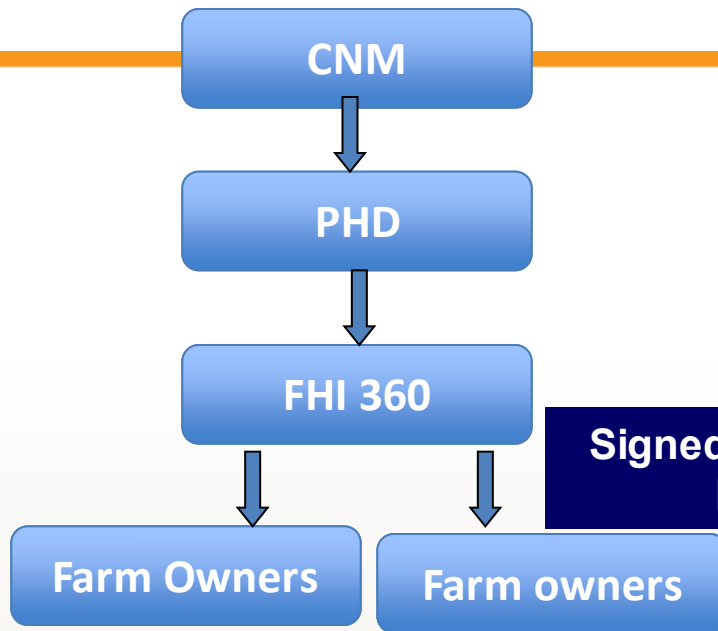


Build the Capacity of VMWs and MMWs

- Basic training on malaria diagnosis and treatment to MMWs and VMWs
- Training on smear preparation
- Training on BCC materials and use



Provide Means for Protection-LLINs

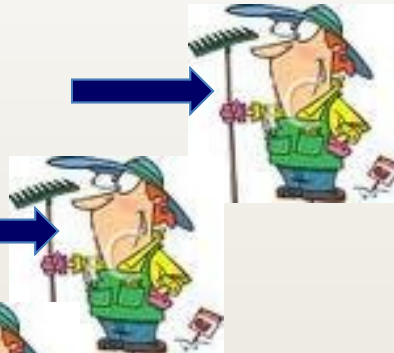


Signed agreement was made between PHD/HC and farm owners



LLIN is loaned to migrant workers

- Nets will be given back when they go back to their home town
- Wash and reuse for next person or family members—more cost efficiency



Provide Prompt Diagnosis and Treatment

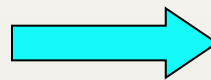
- MMWs perform prompt diagnosis and treatment to malaria patients at community
- MMWs provide active screening for malaria among cross border migrants



Malaria Screened at Border Checkpoint (1 January – 31 Dec 2012)



14,048 cross-border
passers screened



63 detected high fever
and tested

6 were Positive Pv
and treated

Monitoring and Technical Supervision...

- Routine supportive monitoring and supervision to VMWs and MMWs to ensure quality of program
 - HC staff
 - FHI 360 staff
- Baseline assessment to understand about migrant population
- Mapping on the settlements or farms where migrant settles and plot it on map



Coordination and Collaboration

- Monthly coordination meeting between VMW/MMWs and HC staff
- Quarterly coordination meeting with PHD and other relevant partners
- Annual coordination meeting with local authority and farm owners to
 - inform about progress of project
 - present about challenges and
 - identify solution
- Supported to PHD conducting World Malaria Day



The MMT, Chhresing Veasna (right) supervision visit to VMW, Chea Sopha (left) in Andong Timor village and explained to VMW to mark migrant patient in register book.

SBC Materials Produced

Project brand name



SBC Materials Produced (con't)

Sticker design and Sun shield for taxis



SBC Materials Produced (con't)

Flipchart for VMW or MMW using for Education in Community



SBC Materials Produced... (con't)

Mini bill board for VMW and MMWs

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កម្មវិធីព្យាបាលជំងឺគ្រុនចាញ់តាមសហគមន៍

អ្នកស្នើសុំ

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fhi360



SBC Materials Produced... (con't)

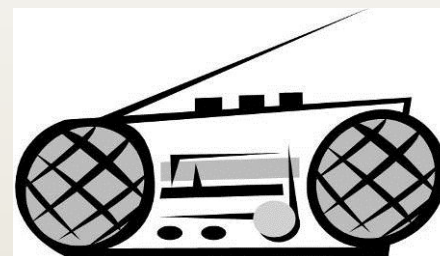
Alert sign -- displaying in community and along main roads and at warehouses



SBC Materials Produced... (con't)

5 Radio spots have been developed and broadcasted in local radio station in Pailin

- Source of malaria infection
- Signs and symptoms of malaria
- Malaria prevention
- Malaria diagnosis and treatment
- Treatment adherence and follow up by VMW/MMW



SBC Materials Produced.... (con't)

Ayay song performing by famous comedy stars to be used by taxi and community



SBC Materials Produced (con't)

Supportive means for VMWs and MMWs to use while working at fields



SBC Materials Produced (con't)

Poster on malaria treatment guideline and RDT procedure

[illegible][illegible]

Summary Table Indicators on Achievements

| Indicators | Year'12 |
|--|---------|
| # of HC and RH staffs trained on clinical case Mgt. | 20 |
| # of VMWs and MMWs had been trained | 148 |
| # of farm owners participated in malaria control | 549 |
| # of LLINs loan to migrants and community (collaboration works with PHD, HC and local authority) | 10,365 |
| # of taxies participated in malaria education | 70 |
| # of people received malaria education | 37,375 |
| # of people received malaria screening | 14,048 |
| # of people received malaria diagnosis and treatment | 463 |
| # of conventional bet net were re-impregnated | 3,750 |

Key Forwards in 2013

- Keep implementing the existing activity as well as 2012.

