

No: /BC-VSR

Hanoi, ,2016

**REPORT ON**  
**Vietnam Integrated Deworming, Sanitation and Hygiene Program implemented**  
**Round 1 Year 2016**

**Project title: “Vietnam - Integrated Deworming, Sanitation, and Hygiene Project (VIDSH)”**

Funded by: East Meets West Foundation

Duration: from January 2016 to June 2016

Location: Hoa Binh, Phu Tho, Thanh Hoa and Nghe An province

Agency: National Institute of Malariology, Parasitology and Entomology (NIMPE)

**I. Report on technical activities**

**1. Workshop, training**

- NIMPE’s representatives that attended the project launch event organized by Health Environmental Management Agency (VIHEMA) include: 01 vice director, the head of Parasitology Department, and 01 responsible staff of Parasitology Department
- Prepared training materials and facilitated the TOT training for provincial staffs of 4 provinces on deworming implementation and sanitation communication before MDA1.

**2. Baseline surveys**

STH surveys were conducted in 4 provinces. 04 districts have been selected from each province. 02 main schools have been selected in 02 different communes from 02 districts. 02 satellite schools have been selected in 02 different communes from 02 remain districts. The students’ stool has been tested by Kato-Katz methodology. Results are as follows:

**Table 2: STH prevalence of primary children at 4 provinces**

Province	No. of tests	No. of (+) results	Percentage (%)
Thanh Hoa	208	37	17.79
Hoa Binh	203	13	6.40
Phu Tho	210	50	23.90
Nghe An	211	21	9.95
<b>Total</b>	<b>832</b>	<b>121</b>	<b>14.54</b>

There were 832 students from 16 primary schools of 04 provinces were tested, of which 121 cases of worm infections accounted for 14.54%. The highest percentage was in Phu Tho province (23.9%), followed by Thanh Hoa (17.79%) and Nghe An (9.95%).

### 3. Mass drug administering at school

#### 3.1. Distribution of deworming drugs and IEC materials:

NIMPE cooperated with EMW to guide the provinces to collect and distribute IEC materials, banners and training materials to lower levels. The implementation of mass drug administering at school has been conducted based on the plan of 04 provinces.

**Table 1: Mass drug administering for students in 04 provinces**

No.	Unit	Province	No. of estimated students	No. of drugs released
1	Provincial IMPE	Hoa Binh	69,000	67,600
2	Provincial PMC	Phu Tho	113,000	116,600
3	Provincial IMPE	Thanh Hoa	262,000	273,100
4	Provincial IMPE	Nghe An	249,000	256,800
<b>Total</b>			<b>693,000</b>	<b>714,100</b>

### 3.2 Results of MDA implementation

No.	General information	Thanh Hoa	Hoa Binh	Phu Tho	Nghe An
1.	Population	3,826,697	867,978	1,428,493	3,204,634
2.	Number of primary school (main school)	727	234	305	562
3.	Number of primary school (satellite school)	434	291	105	440
4.	No. of students at main schools	242,672	60,176	108,575	219,981
5.	No. of students at satellite schools	23,675	9,135	6,040	31,875
6.	Total of 6-11 years old students	266,347	69,311	114,615	251,856
7.	No. of students contraindicated	4,409	480	2,438	3,495
	Percentage (%)	1.7	0.7	2.1	1.4
8.	Number of students dewormed on deworming day	257,027	66,550	105,309	241,019
9.	Number of students dewormed on mop-up day	4,911	2,281	5,704	7,320
10.	Number of non-enrolled 6-11 year old children dewormed this MDA	1,198	0	252	1,591
11.	Total number of students dewormed this MDA	261,938	68,831	111,013	248,339
	Percentage (%)	98.3	99.3	96.9	98.6
12.	Number of male students dewormed this MDA	134,711	35,643	57,194	127,317
13.	Number of female students dewormed this MDA	127,227	33,188	53,819	121,022
14.	Number of students got serious adverse events	0	0	0	3
	Percentage (%)	0	0	0	0.001
15.	Number of tablets remained from previous MDA	7,087	1,655	0	2,500
16.	Number of tablets received for this MDA	273,100	67,600	116,600	256,800
17.	Number of tablets used for this MDA	267,075	69,020	111,908	253,505
18.	Number of tablets remained after this MDA	13,112	235	4,692	5,795
19.	Estimated number of tablets for next MDA	280,000	69,100	115,931	253,000
20.	Number of times of loudspeaker announcements	2,600	470	1,535	1,522
21.	Number of banners	1,163	537	410	697

22.	Number of leaflets (IEC materials) distributed	85,472	0	0	260,498
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The dewormed result was quite high, over 96%. The number of students got serious adverse events was low, only 3 cases in Nghe An.

### **3.3. Monitoring**

NIMPE conducted monitoring trips to primary schools in 4 provinces: Hoa Binh, Phu Tho, Thanh Hoa anh Nghe An in order to monitor deworming activities. After the trips, there were some comments as follows:

- This project was fully supported by local authorities, from provincial to communal;
- All 4 provinces organized training sessions at all levels as planned;
- There was a good cooperation between DOET and DOH at all levels;
- The banners were present at all school;
- Permission forms to students' parents had been sent before deworming day and received positive feedbacks;
- The deworming process was smooth due to well preparation and training;
- Dealing with adverse events was well prepared: assigning monitoring and emergency duty all day at the health clinics;
- The dewormed result was quite high, over 95%;
- Non-enrolled students had been dewormed at the health clinic;
- No adverse events were found during monitoring trips.

## **4. Feedbacks and recommendations**

### **4.1. Timeline**

- Time for implementation was too rush

### **4.2. Technical aspect**

- Assigning Preventive Medical Centers (PMC) to be the focal point have caused overlap as well as inconvenience in term of direction and guidance, which were reported by Hoa Binh, Thanh Hoa and Nghe An;

- Feedbacks from Nghe An: The independent monitors did not work in the right process. They came to the communes themselves and requested communal and provincial staffs to come. They were not follow the right process that might affected works accordingly.

#### **4.3. Materials**

- Distributing training materials and banners were not at the same place that caused many difficulties in transportation; The money is not enough to rent a van.
- The IEC materials were packed and divided unreasonably;
- Shortage of permission forms

#### **4.4. Budget**

- Budget allocations between NIMPE and PMC were unreasonable;
- The budget for transporting drugs, materials, banners were too little to rent a van from Hanoi to provinces while EMW requested to transport to districts/communes.
- There is no allowance for health workers to distribute drugs to children, so that all provinces asked for this.

## **II. Disbursement**

- The disbursement of each province will be reported directly to NIMPE and EMW.
- Over 95% of assigned activities has been disbursed, including: worm infection survey and monitoring deworming at 04 provinces. Only the attendance of Project Management is waiting for disbursement.

## **III. Recommendation from provinces and NIMPE:**

- There should be a meeting to share and learn experiences from the MDA1 for improvement.
- The next implementation plan should be defined earlier.
- All activities at centers level should be defined clearly in details to avoid overlap.
- The budget for PMC and provincial NIMPE should be defined clearly and informed in advance for implementation and monitoring.

- All admin procedures such as contracts, liquidation... should be finished quickly.

**Copied to:**

**DIRECTOR**

- EMW (for reporting);
- VIHEMA (for reporting);
- Archived: Admin