APMEN Vector Control Working Group Meeting
Meeting Summary
2-4th March, 2013; Bali, Indonesia

**March 2, 2013 (Day 1)**

Special meeting for Vector Working group started at 8:45. Dr. Chang Moh Seng Chairman of Vector Control Working group and Consultant of APMEN discuss the goal of the special meeting – to discuss the content of a draft curriculum training proposal for entomologists, and to have consensus among the group of the content. The proposed activity will be based on the current manual that was released by WHO; entomology and vector control. This is to evaluate the entomological capacity of the region and build capacity of medical entomologist of member countries. He mentioned that course would be run in Malaysia. It was mentioned that proposed curriculum is for countries who are on elimination phase.

Some issues were raised during the presentation of the curriculum:

- **Target audience**, it was agreed that participants should be senior entomologist from regional or provincial level;
- **Skills**, need not teach the basic skills e.g. identification of vector, detection of parasite, but to upscale the entomologist in decision making. Entomologist must know what to do with data; how to analyse, use data and know how to react to it;
- **Time frame**, not applicable as the training course is very short;
- **Model**, should include models for vector planning
  - Should also discuss human behaviour; need to know the role of others (social science).

It was agreed that training curriculum must provide entomologists with a higher level of thinking.

**Recommendations:**

1. APMEN will discuss with WHO and ACTMalaria to advocate for the basic skills entomology training course using current WHO training manual on entomology and vector control.

2. APMEN will finalize the learning objectives of the draft curriculum on malaria elimination for senior entomologists and discuss the revised curriculum with IMR, Malaysia to conduct this training course.
March 3, 2013 (Day 2)

Feedback & update of 2012
- Soft copy of the Vector Pocket Guide should be sent to member countries for comments/review before printing the final copy.
- What is the role of IRS, where, when and why to apply?
  - If there is a local transmission and if you want to eliminate foci, IRS should apply.
- Scope of application?
  - Not cost effective if to apply the whole village; should determine and decide where to apply.

Vector control
- Challenges in Vector control (Funding, manpower, community involvement, Insecticide resistance)
  - one of the issues is even there are many tools available, some are not familiar with LLIN, some with IRS and some has not used the other tools.

(STUDY TOUR conducted)

March 4, 2013 (Day 3)

LLIN & IRS
- Support the APMEN member countries to access and pilot test the Insecticide Quantification Kit (IQK), the new tool for evaluating the quality of IRS and ITN; IQK was newly developed by IVCC
- With support from APMEN country partners conduct a survey on community preferences towards bed nets to support advocacy efforts on procurement to donors

Vector control techniques/tools
APMEN to collaborate with WPRO/SEARO to organize a consultation workshop to explore the application of new VC interventions and related issues:
- Update on other available treated materials and the use of different netting materials for bednet
- Mechanisms of spread of insecticide resistance
- Use of traps (e.g. toxic sugar baits) and other repellents
- Intervention package for mobile migrants, special groups etc.
- Intervention package for different phases of malaria control to elimination – programmatic endpoints
Capacity Building

- Training workshop on Entomology and Vector Control for Elimination:
  - Finalize Curriculum to include new innovative vector control tools;
  - Emphasis on the Elimination of transmission foci, monitoring and evaluation and higher level skills to engage in strategic planning and technical advice;
  - Target Participants: Senior Entomologists and Programme Managers.

- Support participants to the Integrated Vector Management (IVM) training course organized by MoH Malaysia and selected IVM country proposals.

Community Participation

- Development/consolidation for resource package for country partners to advocate/support community engagement in environmental management/larval control.

- Support the development of/capacity building in Standard Operating Procedures based on the WHO Guideline on Insecticide Resistance Monitoring (complement WHO efforts).

Disposal of LLIN

- Gather country experiences and share operational research findings on disposal of expired LLIN -> formulate national policy on expired net disposal (support from experts in recycling and chemical engineers).

- Support development/update country profiles on vector distribution, secondary vectors, breeding habitats etc.