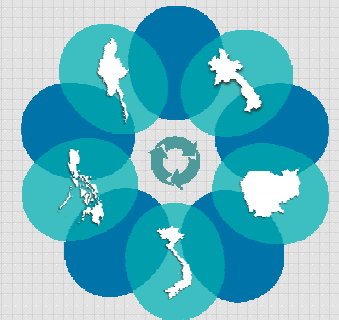


Steering Committee 15-16 January 2019 - Hanoi

# Networking & Transversal Activities



ECOMORE II



WP NETWORKING

# Networking and Transversal activities

## A priority for ECOMORE 2 project

### Initiation

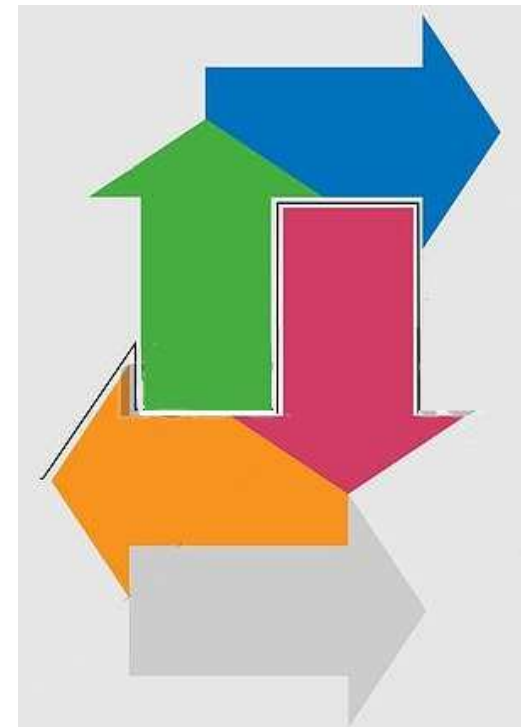
- Steering Committee ECOMORE 1 in 2015: limiting the scope of the fields of study
- Finally, coherence of topics selected by partners: Dengue and Leptospirosis both linked to climate and environment and displaying similar signs

The objective was to foster contact and exchanging information with other partners, external experts involved in the area of Leptospirosis and vector control to develop mutually beneficial relationships and to access and share ideas to better conduct the studies and promote ECOMORE

### Preliminary results

This approach has allowed to develop networking between Myanmar and Vietnam for Leptospirosis studies and between Cambodia, Lao PDR and the Philippines for Dengue topics and to involve several external experts.

Transversal Activities have ben critical to reinforce the connection between components.



# Transversal activities

## 1. Common trainings

Combining expertise / Harmonizing operating mode / Performing new techniques / Strengthening Lab Quality Control

## 2. Mutual field visits

Sharing field experience / Harmonizing operational approach / solving difficulties encountered/ Improving effective management

## 3. Meetings bringing together WP leaders

Getting to know each other / Discussing technical issues / Comparing preliminary results / sharing data

## 4. Mail-Chimp alert

Monitoring the progress of other components / receiving updates information on events linked with the project



# 1. Common trainings

These trainings have involved NIHE and NHL

- **November 2017 at IPNC**

*Dr Zan-NHL, Dr Tram-NIHE*

Regional training on Leptospirosis in Noumea

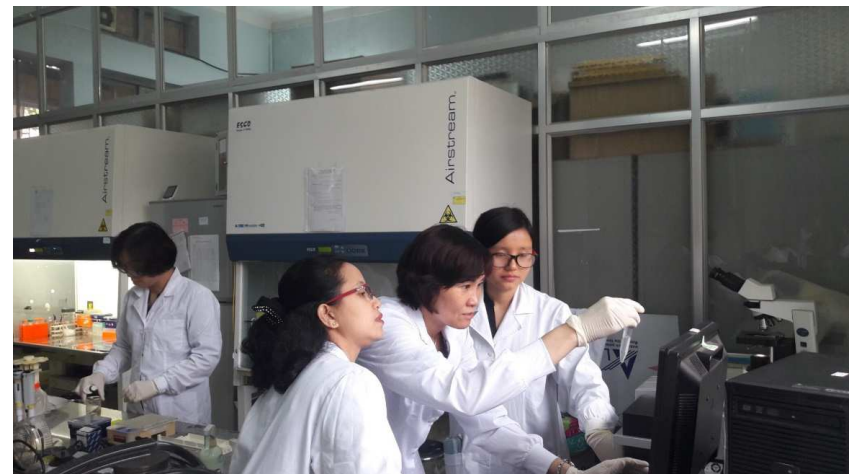
- **March 2018 at NIHE**

*Dr Zan and Ms. Myo from NHL*

Practical demonstration of preparation of culture media (EMJH), Isolation of *Leptospira* in both solid and liquid media, Microscopic Agglutination Test (MAT) technique

Comparison of conventional PCR with qPCR as performed at NHL by Dr. Goarant

Practical handling and interpretation of the results of ELISA test





- **January 2018- IPC**

*Joint training IPC-CNM*

The head of the Medical Entomology Unit of Institut Pasteur in Cambodia, Sébastien Boyer identified a real need to improve the capacity of the team of 4 junior entomologist to identify mosquitoes (taxonomy).

This training need gave opportunity to develop transversal collaboration with Kasetsart University-Bangkok through TICA support.

The concept note was accepted in October 2017; consequently, on a joint team composed of people from TICA, AFD in Bangkok and Kasetsart University paid a visit at IPC in January 2018, to better evaluate the needs of the entomology unit, laboratory and insectarium.

Finalization of the collaboration expected for March 2019.



## 2. Mutual field visits

These field visits involved entomologists around deployment of In2care system

- **November 2017 at IPL**

Sebastien Boyer-IPC, visited the selected sites of intervention to debate on site about the best locations to install the In2Care boxes and the traps to monitor Aedes population.

- **March 2018 at IPC**

Sébastien Marcombe-IPL, participated participated in the field intervention which combined cleaning and destruction of mosquito breeding sites, participatory appraisal and information of children and teachers using the COMBI method, treatment of jars with Bti and installation of In2Care auto-dissemination system.

- **December 2018 at IPL**

Jason Angeles entomologist at the RITM (Philippines) participated in the 5-day servicing of the 600 In2care traps in Vientiane to better assess logistics and operational constrains.



### 3. Technical meetings

- **September 2017 “Proper Use of In2care system”**

**IPC-IPL-RITM-IP-NHL- Kasetsart University- Mahidol University – In2care Company**

1<sup>st</sup> meeting before implementation of the system; entomologists debated with the supplier on the best manner to utilize the traps

- **March 2018 Climate Transversal Workshop**

**IRD-IPC-IPL-NIHE-NHL-AFD Bangkok**

During this workshop, IRD experts made a comprehensive presentation of their planned study and 4 country participants shared their needs and expectations.

This workshop gave opportunity to review national data available, to clarify the rules to use data and to issue publications and also the manner to organize the collaboration in each country particularly to involve scientists and authorities and the need in terms of capacity building.





- **July 2018 Review of Protocols for Leptospirosis studies**

***NIHE – NHL- IPNC – IP – IPC***

This meeting focused on review and harmonization of data collection to ensure matching with the objectives of the studies and to enable drawing a parallel between both components.

Review and harmonization of the case definition;

Review of the Case Reporting Forms for suspected patients at hospital and for case control patients

Review of algorithms of laboratory testing in consideration of laboratory capacities and logistics constrains

- **September 2018 In2care system, lessons learnt**

***IPC-IPL-RITM-Kasetsart University- Soongsil University Seoul – AFD Bangkok- In2care Company***

This workshop was of importance to review operating constrains and preliminary results before the start of the ECOMORE project in Philippines; 80 In2care trap are operational in 12 schools in Cambodia and 600 traps in 2 villages in Vientiane municipality. The plan is to install about 3,000 traps in Lipa City in Philippines.

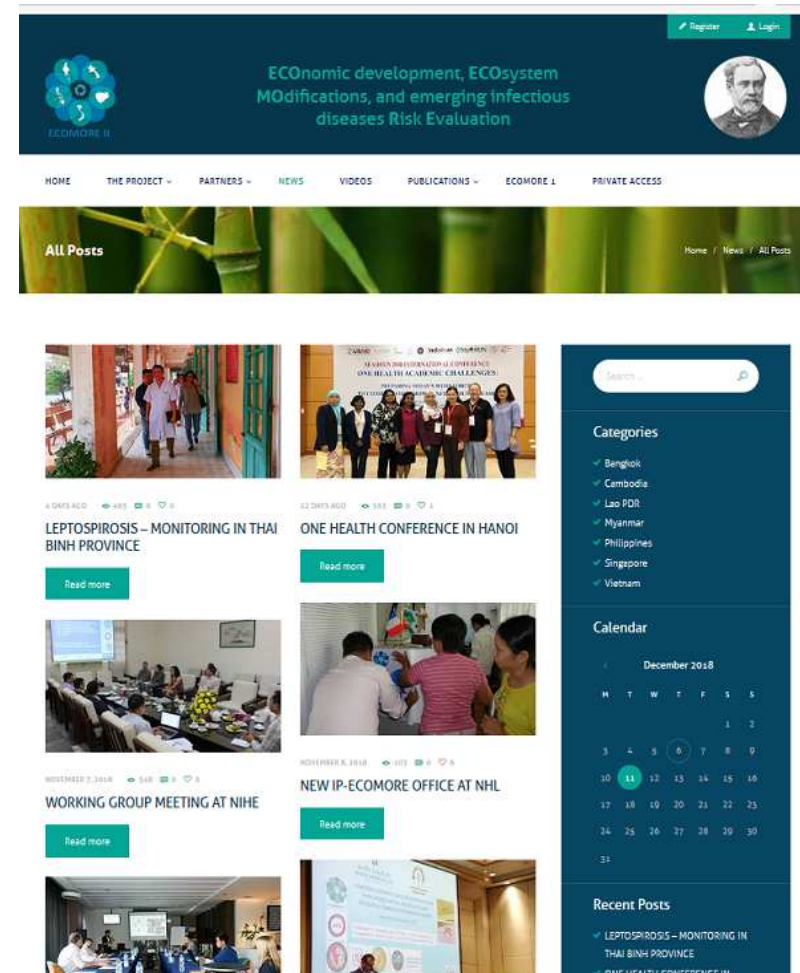




# 4. Information sharing

- ECOMORE 2 use the Mail Chimp system that allows to send an alert message when the website is updated.
- To prevent overloading mail boxes the message is sent only to contacts who should be interested by the news
- The list is split in several groups
  - Dengue Group
  - Leptospirosis Group
  - Climate Group
  - Country contacts only
  - All update Group (IP and AFD)

Workshops , meetings...give opportunity to establish news contact are permanently added to the Mailchimp list.



# Next...

- **Shared trainings**

- ✓ MAT and sequencing of *Leptospira* at IPNC (URE Leptospirosis- Dr Cyrille Goarant) likely in November 2019
- ✓ GIS, cartography, mapping... the first transversal training to be led by Vincent Herbreteau will be organized in March 2019 / discussion after Climate presentation
- ✓ Statistical Analysis by Sylvaine Jego

- **Technical meetings**

- ✓ MDs responsible of screening at OPD will meet in Yangon in February- March 2019 in Yangon before the rainy season. Statistical analysis by Sylvaine Gego (PostDoc) at IPC for data mangers

- **Field visits**

- ✓ 3 NCs (Myanmar) will visit hospitals in Vietnam – July 2019
- ✓ Entomologists will visit Lipa site- June 2019