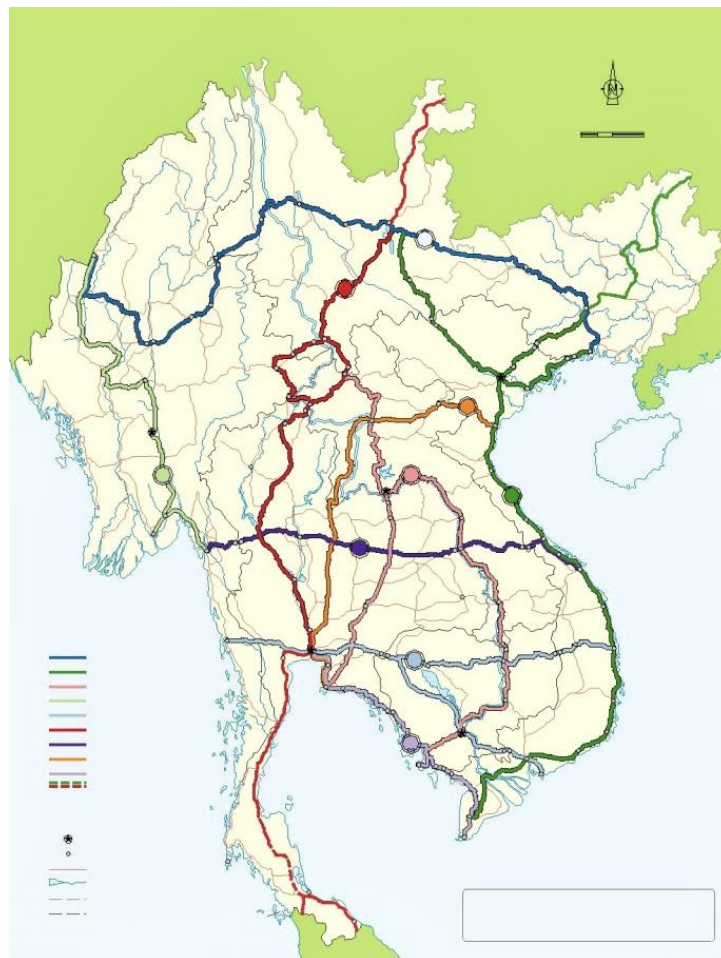


# Concept Note

Regional Modular Workshop on

Development of the Greater Mekong Subregion (GMS)  
Transport Information Connectivity System (GTICS) along  
the Economic Corridors (ECs)



Sponsored by the Government of the People's Republic of China (PRC)  
Organized by Mekong Institute (MI)

## TABLE OF CONTENTS

1. Background .....	2
2. Objectives ands Expected Outcomes.....	4
3. Project Structure and Contents .....	5
4. Venue and Duration.....	11
5. Target Participants.....	12
6. MI Team and Contact Details.....	13
7. Scheule of the Workshop .....	14

## 1. BACKGROUND

The Greater Mekong Sub-region (GMS) comprises six countries, namely Cambodia, Lao PDR, Myanmar, the People's Republic of China (Yunnan and Guangxi provinces), Thailand, and Viet Nam that share an increasingly interdependent network of transport, trade, and tourism.

The development of transport infrastructure and connectivity together with the implementation of the Cross-Border Transport Facilitation Agreement (CBTA) aim to achieve the overarching goal of a seamless network of transport and transport services in the GMS, which is also in line with the Kunming Declaration (2005) for a stronger GMS partnership for common prosperity, while focusing on the transport sector. This vision of transport services operating seamlessly along the fully connected and integrated multimodal transport networks of the six GMS members cover (i) synergies in the GMS transport system; (ii) an open market for transport services; (iii) economic efficiency to reduce transport costs; and (iv) adoption and development of multi-modalism.

All GMS countries have widely recognized that transport is among the key catalysts of economic development and international competitiveness. The improvement of transport and communication facilities and information exchange is significant and highly suitable in the current context of expanded land routes and exchange of traffic rights at the key GMS border crossing points which allow a strong move towards an integrated regional market, with enhanced cooperation in improving the level and quality of transport and communications services and infrastructure.

The North-South Economic Corridor (NSEC) forms a North – South axis connecting Kunming, Yunnan province to Viet Nam, and Yunnan province to Bangkok, Thailand. It facilitates transport further south to Malaysia and Singapore. With the growing regional trade and the positioning of Kunming as a logistics hub between China and ASEAN, this economic corridor has great potential to form a major transport gateway between China and Thailand and the GMS. The East-West Economic Corridor (EWEC) is projected to be a land bridge between Viet Nam and the Andaman Sea running from Da Nang, Vietnam through Thailand to Myeik, Myanmar. On the other hand, the Southern Economic Corridor (SEC) connecting Bangkok to the east with Vietnam through Cambodia is emerging as an important linkage for industrial production hubs connecting South East Asia, Far East and South Asia. With regard to transport systems, it is evident that road transport is the dominant mode in all the GMS countries. Meanwhile sea transport is the transport mode most commonly used for intra-ASEAN trade. Contrarily, the regional railway network is still developing, and transport services have yet to meet market demand as a matter of fact. Also, for inland waterways transport is limited in terms of transport services and capacity with the fact that the Mekong River is not yet fully navigable. There is potential to expand its scope of freight transport but there still exist challenges such as security and safety.

In terms of trade and investment, businesses have established and developed along the corridors, but soft infrastructure is still inadequate. In this regard, enhancement and adjustments in regulations and development of information and communications technology will significantly contribute to the process of transforming the transport corridors into full economic corridors. In addition, the development of Special Economic Zones (SEZ), Cross-Border Economic Zones (CBEZ) in the border areas will promote the development of transport and trade logistics, and encourage further investment from businesses and the private sector that in return will benefit from competitive advantages in specific locations of each country and the sub-region as a whole.

Together with the development of transport connectivity and the growth of transport and logistics markets, given both opportunities and challenges ahead, the GMS Transport Information Connectivity System (GTICS), which is known as a regional initiative, that aims to streamline the transport information system, enhance the transport information networks, and develop an integrated transport information platform with an effective information sharing mechanism among the GMS countries. Overall, this targets supporting the further development of the three main economic corridors under the GMS cooperation framework.

With support from the Government of PRC, Mekong Institute (MI) has successfully conducted a regional stakeholder consultation workshop to assess the feasibility of the GMS Transport Information Connectivity System (GTICS) in April 2017 with the participation of the representatives from the government ministries and agencies as well as from the private sector in the six GMS countries. In addition, the development of the GTICS can generate complementarities to the ASEAN connectivity: (i) Physical connectivity, covering Transport, Port Facilities, Logistics Services Facilities, Information Communications Technology (ITC), Energy, Special Economic Zones (SEZ); (ii) Institutional connectivity with Trade Liberalization Facilitation, covering ASEAN Trade in Goods Agreement, Standards, ASEAN Single Window, Customs Integration, Investment Liberalization and Facilitation, Regional Transport Agreements, Capacity Building, and etc.; and (iii) People-to-people connectivity targeting education, culture, and tourism.

Aligning with the result of the stakeholder consultation on assessment of the feasibility of the GTICS and the importance of transport information connectivity which have drawn attention among the GMS countries and development partners; the GMS Transport Information Connectivity System (GTICS) will significantly contribute to trade and transport facilitation (TTF) and the regional economic integration process.

To streamline and materialize the technical assistance to the GMS countries in the mentioned area, Mekong Institute (MI) proposes to conduct a multi-year project comprising of the following components:

1. A three days' regional modular workshop on "*Development of the Greater Mekong Sub-region (GMS) Transport Information Connectivity System (GTICS) along the Economic Corridors*"

2. Action Plan implementation 1 – conduct internal consultation meetings with stakeholders from the private and public sectors to assess data needs, and form GTICS development strategies at the national and provincial levels;
3. Action Plan implementation 2 – jointly organize bilateral meetings between the twin provinces of the NSEC, EWEC and SEC along the GMS economic corridors, to form MOU/ agreements on transport information sharing and relevant cooperation to facilitate transport and trade in the GMS.

## 2. OBJECTIVES ANDS EXPECTED OUTCOMES

### Specific objectives of the project are to:

- Enhance the understanding of the importance and functions of information management in transport sector
- Enhance the understanding of land transport operations management
- Promote the transport information connectivity system in the GMS (GTICS);
- Identify key stakeholders and cooperation priority areas in the transport sector to promote and streamline transport information connectivity between the pairs of twin border provinces along the GMS economic corridors;
- Discuss (i) transport information categories at national and provincial level; (ii) strategies for data collection, data input, translation, retrieving, updating, system management and promotion and (iii) cross-border transport information sharing mechanism;
- Formulate action plans to develop GTICS development strategies at national and provincial level, as well as to form consensus between twin provinces of the GMS along economic corridors to develop GTICS.

### Project outcomes

By the end of the project, the participants will be able to:

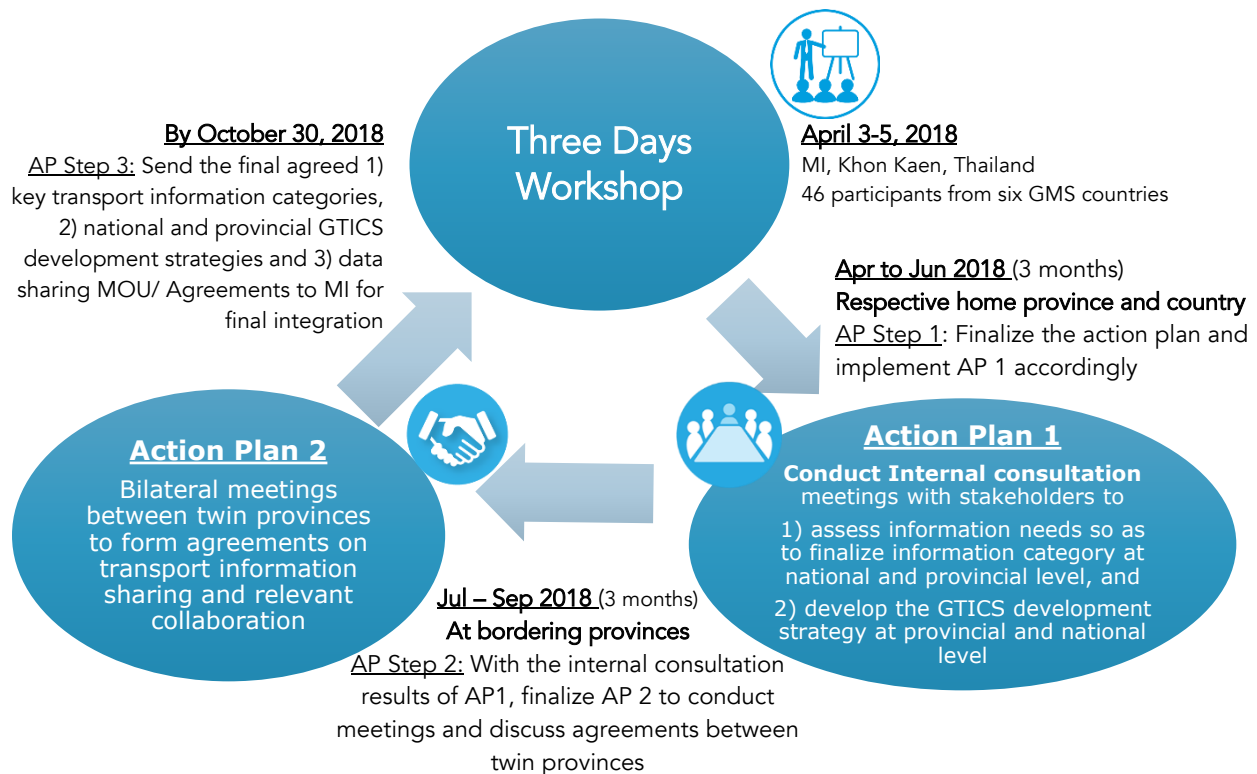
- Better understand the role and functions of information systems, especially the information system in transport sector;
- Enhance knowledge and experience in the area of land transport operation management;
- Clearly understand the transport connectivity information system in the GMS;
- Draft strategies for data collection, collection, input, translation, updating, sharing, system management and promotion;
- Form initiate consensus to support MOU/ agreement signing between twin border provinces along the GMS economic corridors on data sharing for the purpose of transport and trade facilitation (TTF).

### 3. PROJECT STRUCTURE AND CONTENTS

#### Project Structure

The project will follow a modular approach with three distinct but interrelated phases –

- a) April 3-5, 2018: three days’ regional modular workshop at MI, Khon Kaen, Thailand;
- b) April – June 2018, **Implementation of Action Plan 1 in respective countries and provinces**, conduct internal consultation meetings with stakeholders **at national and provincial level** to 1) assess data needs so as to finalize the transport information category, and 2) develop strategies for data collection, input, translation, updating, sharing, system management and GTICS promotion at national and provincial level;
- c) July – September 2018: **Implementation of Action Plan 2** at bordering provinces along economic corridors, conduct bilateral meetings between twin border provincial to form MOU/ agreements on transport and trade related data sharing and other relevant cooperation.
- By October 30, 2018, the final agreed 1) transport information categories, 2) GTICS development strategies from six GMS countries, 3) signed MOU/ Agreements between border provinces would be send to MI for final integration. The integrated data will be used to design the framework of the GTICS.



## Contents of Project Activities

### 3.1. Three Days' Regional Modular Workshop (April 3-5, 2018)

In the three days regional modular workshop program, the participants will explore and discuss interrelated topics and modules as follows:

#### **Module 1: Land Transport Operations Management**

- 1.1. Selected practical methodologies, tools, and techniques
- 1.2. Operations management in transportation
- 1.3. Management principles applicable to transport operations
- 1.4. Role of transportation operations in the supply chain
- 1.5. Potential users of transport information

#### **Module 2: Information Management in Transport Sector**

- 2.1. ? Types of Information Systems
- 2.2. ? Information System Development
- 2.3. ? Laws and Regulations
- 2.4. ? Types of Data and Data Analysis

#### **Module 3: Development of the GMS Transport Information Connectivity System (GTICS) along the Economic Corridors**

- 3.1. Discuss the strategies of developing the GMS Transport Information Connectivity System at national and provincial level
- 3.2. Discuss data sharing among GMS countries
- 3.3. Action Plan Development

#### ***Module 1:***

##### ***1.1. Land Transportation Operations Management***

In an economy, transportation plays an import role in shaping a nation's economic health and quality of life. The transportation system not only provides the mobility of people and goods, but also influences patterns of grow and economic activities. The performance of the transportation system has a strong link with public policies and the private sector development. In particular, the development of transportation is in connectivity with environmental resource consumption, land use, information and communications technology, safety, security, trade and investment, and so on.

Given the importance of transportation in economic development process, transportation operations management aims to provide the participants with the concept of transport operations management; the principles of transport operations management and its impact on

the supply chain; and the systems, processes, and best practice methodologies, and tools in transport operations management.

To this end, the workshop in this area will cover the following:

- Selected practical methodologies, tools, and techniques
- Operations management in transportation
- Management principles applicable to transport operations
- Role of transportation operations in the supply chain
- Potential users of transport information

## *Module 2:*

### *2.1. Information Management in Transport Sector*

Information Management is a set of methodologies, processes, and products which enable the collection, storage, retrieval, acquisition, processing, and organization and maintenance of information collected, as well as the management and distribution of such information.

It is generally accepted that the world becomes increasingly globalized, and that the role of digital age is growing in terms of facilitating communications and information management. With the ease and accelerated pace of digital communication and interaction, a number of forms and types of information, i.e. structured and unstructured content in all economic sectors, especially transport sector, that can be collected and disseminated, consisting of images, text documents, web pages, spreadsheets, presentations, graphics, drawings, e-mails, video, and multimedia. As such, information can be more complex and indeed in need of well managed in the light of multiplying quantities.

Information Management, which is known as Content Management and Data Management, is the ways in organizations manages the content, and provide their users with rapid access to the information needed. Doing so will contribute to the so-called process of increased productivity, enhanced collaboration, and easier information access and sharing given that there are a number of regulatory requirements today making information management a must-have system, and keeping up-to-date with the latest system developments is increasingly important for those in Information Services.

This workshop module on Information Management focuses on the theoretical & practical elements, which are developed from the perspectives of the information practitioner and user-centered needs. To this end, the workshop will provide the participants with information architecture and knowledge management, especially in transport sector, covering the following:

- Types of Information Systems
- Information System Development



- Laws and Regulations
- Types of Data and Data Analysis

### *Module 3:*

#### *3.1. Developing the GMS Information Connectivity System (GTICS) along the Economic Corridors*

This session will be organized in the form of a workshop. The participants will be assisted to discuss the following:

Q1: How to enhance the use of information technology and information connectivity in transport sector for the GMS countries;

- Who will be the GTICS users and beneficiaries?
- What are the categories of trade and transport information are mostly needed by the GTICS users? What is the information are mostly attracted to potential users?

Q2: How to develop the GTICS at national and provincial level?

- Who are the stakeholders to support the development of GTICS in your countries? The stakeholders should relevant to 1) sources of data, i.e data providers, 2) system development, i.e. data collection, inputs, translation, updating, system management and 3) system promotion from public and private sectors;
- What would be the roles of each stakeholder at national and provincial level? Who will take the leading role during the development of GTICS in your countries at national and provincial level? Who will be the communication focal point to coordinate with MI, as well as other six GMS countries at national and provincial level?

Q3: How to better facilitate trade, investment, and tourism development along the GMS economic corridors through transport information connectivity?

- What would be the common interests for transport information?
- What would be the key cooperation and priority areas in the transport sector to promote and streamline transport information connectivity between the pairs of twin border provinces along the GMS economic corridors?
- What would be the most effective information sharing and communication mechanism among the GMS countries at both national and provincial levels?

By the end of module 3, the expected outputs are:

- 1) Clarified GTICS users and beneficiaries (Q1)
- 2) Drafted information categories with common interests of six GMS countries at both national and provincial level (Q1)

- 3) Identified stakeholders and roles to support GTICS development (Q2)
- 4) Initiative consensus between countries to form agreements/ MOU for data sharing (Q3)
- 5) Communication mechanism between national and provincial organizations in each country, between six countries at national and provincial level, and most importantly to set up the national focal point to communicate with MI (Q3)

### ***3.2. Developing Data Collection Tools and Techniques***

According to the discussion results of module 3, in this module, participants will discuss on the prototype of GTICS, type of data, design effective tools, techniques and timeline for data collection. The drafted prototype will be introduced by MI, followed by group discussion to form initiate agreement. The GMS Logistics database (<http://logisticsgms.com/>) will be introduced as a reference to develop the GTICS. The GMS Logistics Database is an interactive web-based database platform for logistics companies with the mobile application system.

Besides, different options will be discussed to arrive at the suitable approach to conduct the field data collection method. A data collection time line and reporting procedure with the national agencies will be further confirmed among participants.

### ***3.3. Action Plan Development***

In this module, MI team will provide guideline to assist participants to prepare action plans which will be implemented in two stages within 7 (seven) months after the training, i.e.

- I. implementation of Action Plan 1 from April to June,
- II. Implementation of Action Plan 2 from July to September and 3) Reporting by October 30, 2018.

The guideline will be presented after module 1 to prepare participants' discussion on module 2. The participants will draft and present the action plans on the last day. The drafted action plan will be submitted by group representatives before complete the workshop.

## **3.2. Action Plan Implementation (Apr - October)**

Action plans (AP) will be prepared by each country and province to collect relevant information on transport and trade. The APs will be finalized in April and implemented by country team in all the twin border provinces within 7 (seven) months with the following steps:

### ***Action Plan 1 (April – June)***

According to the discussion and draft action plan of the workshop, participants are required to conduct **internal consultation workshops** at provincial and national level within 3 months from April to June, with key stakeholders – users, data providers, data collectors, and system

managers - from public and private sectors. Through the consultation meeting, participants are expected to 1) **finalize transport and trade information category** and 2) **draft the GTICS development strategy** for data collection, inputs, translation, updating, sharing, system management and GTICS promotion **at both of provincial and national level**. The consultation results will be presented in Action Plan 2 – the Bilateral twin province meetings to form consensus for data sharing.

During the 3 months, MI project team will:

- 1) follow up with the focal points of six GMS countries on the progress of consultation workshop, collect the finalized information category and GTICS development strategy, meanwhile,
- 2) provide online technical assistance.

Objectives:

- To identify the GTICS users and potential beneficiaries, clarify the most needed key information category at provincial and national level in each of GMS countries; and attractive points to stimulate the utilization of GTICS.
- To share the knowledge obtained from MI, especially the concept of GMS transport information connectivity and information management in transport sector to local stakeholders, so as to inspire their awareness and motivation to support the project for GTICS development;
- To exam data availability at provincial and national level, and the capability and resources for data collection, data inputs, translation, updating, system management and promotion;
- To finalize the roles of stakeholders and GTICS development strategy at provincial and national level, and to form communication mechanism and reporting lines between provincial and national level.

Expected outputs:

- Identified GTICS users and potential beneficiaries
- Finalized the most needed information category at provincial and national level through consultation workshops;
- Enhanced understanding and inspired motivation of stakeholders to support the GTICS development and promotion.
- Finalized GTICS development strategy in terms of data collection, inputs, translation, updating, sharing, system management and promotion. The strategies also should include the communication mechanism and reporting lines between stakeholders at national and provincial levels.

### **Action Plan 2 (July – Sep)**

Referring the internal consultation results of Action Plan 1, participants are required to **jointly organize the bilateral meetings between the twin border provinces** in 3 months from **July to**

**September** to exchange the interests for transport and trade related information, data sharing mechanism and other collaboration to facilitate transport and trade. An agreement/MoU will be formalized to mark the common interests and collaboration on GTICS.

During the 3 months, MI project team will:

- 1) follow up with national focal points on the progress of meeting preparation and provide necessary guideline and coordination;
- 2) **attend** the joint meetings and **facilitate** discussion in each meeting location, and
- 3) collect the finalized information category and GTCIS development strategies from six countries and integrate into the common one to further design the framework of the GTICS.

Objectives:

- To share and exchange the available transport information category and strategy at provincial and national and provide expectations for data sharing to counterpart;
- To form agreements on information sharing mechanism and other cooperation for trade and transport facilitation.

Expected outputs:

- Integrated information category for GTICS;
- Finalized GTICS development and promotion strategies from six countries for data collection, inputs, translation, sharing, system management and promotion, and ready to move to next step for strategies implementation.

## 4. VENUE AND DURATION

The project will last for one year with following activities:

Activities	Venue	Date/ Duration
Three Days' Regional Modular Workshop	Mekong Institute, Khon Kaen, Thailand	April 3-5, 2018
<b>Implementation of Action plan 1</b> – conduct Internal Consultation Meetings and draft GTICS development strategies	Provinces and respective GMS countries along the NSEC, EWEC and SEC	April – June 2018
<b>Implementation of Action Plan 2</b> – conduct bilateral Meetings with twin border provinces to form agreement on data sharing and other collaborations for TTF	At the bordering provinces along the NSEC, EWEC and SEC	July – September 2018
MI integrates the finalized transport information category and the GTICS development and promotion strategies and into a common one and prepare to design the framework of GTICS	MI	October 2018

## 5. TARGET PARTICIPANTS

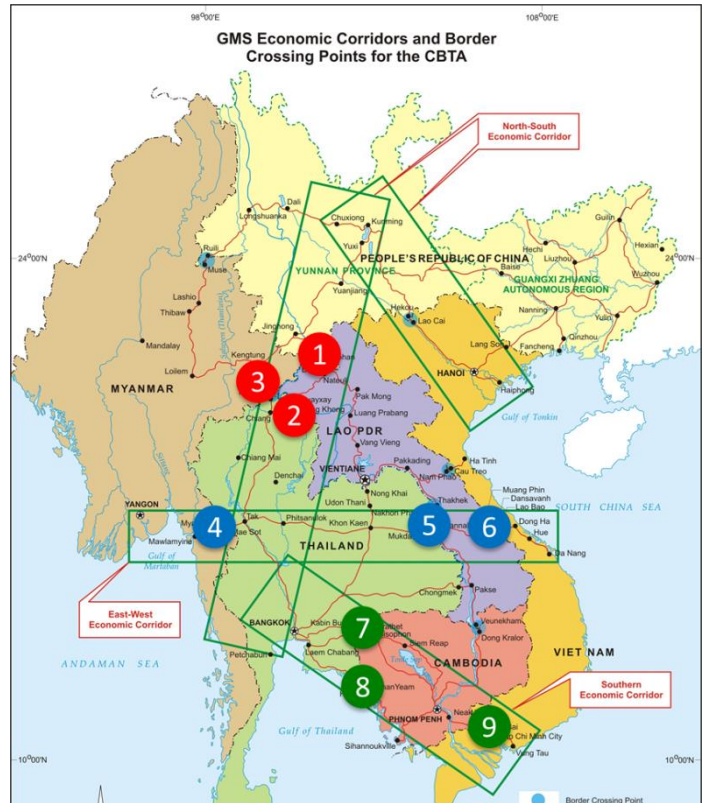
The regional workshop program targets those who are the (i) officials of the Ministry of Transport, (ii) officials of the Provincial Land Transport Departments; and (iii) representatives of the National Transport Association from the GMS countries. The number of the participants is summarized in Table 1.

Table 1. The participants by border province and country

No.	Province	Border Crossing Point	Country	Economic Corridor	No. of Participants
1.	Yunnan	(1) Mohan – Boten	P.R. China	NSEC	2
2.	Luangnamtha		Laos	NSEC	2
3.	Chiang Rai	(2) Chiang Khong – Houayxay	Thailand	NSEC	2
4.	Bokeo		Laos	NSEC	2
5.	Shan State	(3) Tachilek – Mae Sai	Myanmar	NSEC	2
6.	Chiang Rai		Thailand	NSEC	2
7.	Kayin State	(4) Myawaddy – Mae Sot	Myanmar	EWEC	2
8.	Tak		Thailand	EWEC	2
9.	Mukdahan	(5) Mukdahan - Savannakhet	Thailand	EWEC	2
10.	Savannakhet		Laos	EWEC	2
11.	Savannakhet	(6) Lao Bao – Dansavanh	Laos	EWEC	2
12.	Quang Tri		Viet Nam	EWEC	2
13.	Sa Kaeo	(7) Aranyaprathet – Poipet	Thailand	SEC	2
14.	Banteay Meanchey		Cambodia	SEC	2
15.	Trat	(8) Hat Lek – Cham Yeam	Thailand	SEC	2
16.	Koh Kong		Cambodia	SEC	2
17.	Svay Rieng (C)	(9) Bavet – Moc Bai	Cambodia	SEC	2
18.	Tay Ninh (C)		Viet Nam	SEC	2
19.	Departments of Land Transport, Ministries of Transport in 6 GMS countries		CCLMTV	All	6
20.	National Transport Association in 6 GMS countries		CCLMTV	All	6
<b>Total</b>					<b>46</b>

In addition, the participants are required to meet the criteria as below:

- Government officials are involved in land transport operations and policy development, including transport and trade facilitation (TTF)
- Hold university degree or an equivalent educational background with minimum 3 to 5 years working experience in transport sector
- Command of English (speaking, reading, and writing) at working level.
- Familiarity with cross-cultural studying and working environment.
- Fully participation to the project
- Act as coordinator and commit to implement Action Plan (AP) in close collaboration with MI as required.



## 6. MI TEAM AND CONTACT DETAILS



Mr. Madhurjya Kumar Dutta  
 Program Director  
 Tel: +66 (0) 43 202 411-2 Ext. 4061  
 Fax: + 66 (0)43 203 656  
 Mobile: +66 (0) 8 74 927 118  
 Email:  
[dutta@mekonginstitute.org](mailto:dutta@mekonginstitute.org)



Mr. Quan Anh Nguyen  
 Program Specialist  
 Tel: +66 (0) 43 202 411-2 Ext. 4081  
 Fax: + 66 (0)43 203 656  
 Mobile: +66 (0) 629 903 971  
 Email:  
[quan@mekonginstitute.org](mailto:quan@mekonginstitute.org)



Ms. Hao Wen  
 Program Coordinator  
 Tel: +66 (0) 43 202 411-2 Ext. 4092  
 Fax: + 66 (0)43 203 656  
 Mobile: +66 (0) 874 232 983  
 Email:  
[haowen@mekonginstitute.org](mailto:haowen@mekonginstitute.org)

## 7. SCHEULE OF THE WORKSHOP

Tuesday, April 3, 2018

Venue: Mekong River, 2<sup>nd</sup> floor, MI Annex Building, Khon Kaen, Thailand

Time	Activities and key topics	By Whom
08:00 – 08:30	Registration	
08:30 – 08:40	Welcome Remark	Mr. Madhurjya Kumar Dutta, Director of Trade and Investment Facilitation Department (TIF), MI
08:40 -08:50	MI VDO Presentation	
08:50 -09:50	<ul style="list-style-type: none"> <li>Overview of Greater Mekong Sub-region Economic Corridors</li> <li>Project Overview</li> <li>Revisit Previous Discussion</li> </ul> Introduction of Workshop Arrangement	Mr. Madhurjya Kumar Dutta, Director of TIF, MI
09:50 – 10:00	Group Photo	
10:00 - 10:30	Coffee break and networking Pre Self-Assessment	All participants & MI team
10:30 – 12:00	<ul style="list-style-type: none"> <li>UNESCAP Standard Model for Logistics Information System</li> <li>Study findings on cross-border transport in the GMS</li> </ul>	Mr. Edouard Chong Transport Division, UNESCAP
12:00 – 13:10	<b>Lunch</b>	
13:10 – 14:10	<b>Module 1: Transportation Operations Management</b> <u>Technical Session:</u> <ul style="list-style-type: none"> <li>Operations management in transportation</li> <li>Role of transportation operations in the supply chain</li> <li>Potential users of transport information</li> </ul>	Mr. Quan Anh Nguyen, Program Specialist, TIF, MI And Mr. Sa-nga Sattanun, Program Manager, TIF, MI
14:10 – 15:10	Country presentation <ul style="list-style-type: none"> <li>Existing Transport Information System in Cambodia, China, Lao PDR, Myanmar, Vietnam and Thailand</li> <li>Laws and regulation of transport information and data sharing in each GMS countries (e.g. sensitive information list)</li> </ul>	All participants (6 groups by country wise, 15 min/ country) <ul style="list-style-type: none"> <li>Cambodia</li> <li>China</li> <li>Lao PDR</li> </ul>
15:10-15:30	Coffee Break	
15:30 -16:30	Country presentation (cont.)	All participants (6 groups by country wise, 15 min/ country) <ul style="list-style-type: none"> <li>Myanmar</li> </ul>

		<ul style="list-style-type: none"> <li>• Vietnam</li> <li>• Thailand</li> </ul>
16:30- 17:00	<b>Guideline on Project Action Plan Implementation</b>	Ms. Hao Wen Program Coordinator, TIF, MI
17:00 -	Free time	

### Wednesday, April 4, 2018

Venue: Mekong River, 2<sup>nd</sup> floor, MI Annex Building, Khon Kaen, Thailand

Time	Activities and key topics	By Whom
08:30 – 08:45	Recap of previous sessions and brief the day's session	MI Project Team
08:45 – 10:15	<b>Module 2: Information Management in Transport Sector</b> <ul style="list-style-type: none"> <li>▪ Types of Information Systems</li> <li>▪ Information System Development</li> </ul>	Dr. Suphawut Malaikrisanachalee, MI Consultant
10:15 – 10:30	Coffee Break and Networking	
11:30 - 12:00	<ul style="list-style-type: none"> <li>• Laws and Regulations</li> <li>▪ Types of Data and Data Analysis</li> </ul>	Dr. Suphawut Malaikrisanachalee, MI Consultant
12:00 – 13:30	Lunch	
13:30 – 15:00	<b>Discussion and Presentation:</b> <b>Q1: How to enhance the use of information technology and information connectivity in transport sector for the GMS countries?</b> <ul style="list-style-type: none"> <li>• Who will be the GTICS users and beneficiaries?</li> <li>• What are the categories of trade and transport information are mostly needed by the GTICS users at national and provincial level?</li> <li>• What information would be mostly attractive to potential users?</li> </ul>	All participants (6 groups by country wise, 30 min for discussion 60 min for presentation)
15:00 – 15:30	Coffee Break and Networking	
15:30 – 17:00	<b>Discussion and Presentation:</b> <ul style="list-style-type: none"> <li>• Discuss the GTICS framework, data storage and other supporting technologies</li> <li>• Type of data, data collection tools and techniques for effective and simple data collection and mass data contribution</li> </ul>	MI Consultant and all participants (6 groups by country wise)
18:00- 20:00	Welcome dinner	



## Thursday, April 5, 2018

Venue: Mekong River, 2<sup>nd</sup> floor, MI Annex Building, Khon Kaen, Thailand

Time	Activities and key topics	By Whom
08:30 – 08:45	Recap of previous sessions and brief the day's session	MI Project Team
08:45 – 10:00	<p><b>Module 3. Development Strategies of the GMS Transport Information Connectivity System (GTICS) along the Economic Corridors</b></p> <p><b><u>Discussion and Presentation:</u></b></p> <p><b>Q2: What strategy should be applied to develop the GTICS at national and provincial level?</b></p> <ul style="list-style-type: none"> <li>• Who are the stakeholders to support the development of GTICS in your countries? The stakeholders should relevant to <ul style="list-style-type: none"> <li>○ 1) Sources of data, i.e who are data providers?</li> <li>○ 2) System development and maintenance, i.e. data collection, inputs, translation, updating, system management and</li> <li>○ 3) System promotion from public and private sectors</li> </ul> </li> </ul>	MI project team and all participants (6 groups by country-wise)
10:00 – 10:30	Coffee Break and Networking	
10:30 - 12:00	<p><b>Q2 (Cont. )</b></p> <ul style="list-style-type: none"> <li>• What would be the roles of each stakeholder at national and provincial level? Who will take the leading role during the development of GTICS in your countries at national and provincial level? Who will be the communication focal point to coordinate with MI, as well as other six GMS countries at national and provincial level?</li> </ul>	MI project team and all participants (6 groups by country-wise)
12:00 – 13:15	Lunch	
13:15 – 14:45	<p><b><u>Discussion and Presentation:</u></b></p> <p><b>Q3: How to better facilitate trade, investment,</b></p>	MI project team and all participants (4 groups by bordering provinces)

**and tourism development along the GMS economic corridors through transport information connectivity?**

- What would be the common interests for transport information at national and provincial level?
  - What would be the key cooperation and priority areas in the transport sector to promote and streamline transport information connectivity between the pairs of twin border provinces along the GMS economic corridors?
  - What would be the most effective information sharing and communication mechanism among the GMS countries at both national and provincial levels?
  - **Important: When and where** should organize the Bilateral Meeting between twin provinces
- Group 1: DOT at ministry level and national transport association
  - Group 2: Bordering provinces along NSEC
    - Mohan-Boten
    - Chiangkhong- Houayxay
    - Tachilek – Mae Sai
  - Group 3: Bordering provinces along EWEC
    - Myawaddy – Mae Sot
    - Mukdahan – Savannakhet
    - Lao Bao- Dansavanh
  - Group 4: Bordering provinces along SEC
    - Bavet – Moc Bai
    - Aranyaprathet – Poipet
    - Hat Lek – Cham Yeam

14:45- 15:00	Coffee Break and Networking	
15:00 – 16:30	<p><b><u>Discussion and Presentation:</u></b></p> <p><b><u>Q4: Action Plan Implementation:</u></b> Time line and reporting procedure at national and provincial level in each country, as well as between countries and MI</p>	All participants, 6 groups by country-wise
16:30-16:45	The Way Forward	Mr. Madhurjya Kumar Dutta, Director of TIF, MI
16:45- 17:00	Closing remarks	Dr. Watcharas Leelawath Executive Director of MI
17:00 -	Free time	