



**Asia-Pacific  
Economic Cooperation**

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**2017/TPTWG44/IIEG/001  
Agenda Item: 5**

**Transportation Working Group (TPT-WG)  
Intermodal and ITS Experts Group (IIEG)  
Terms of Reference**

Purpose: Consideration

**Submitted by: IIEG Chair**

(Canada)

**Last Updated: 2017 April 19**



**44<sup>th</sup> Transportation Working Group Meeting  
25 - 28 April, 2017  
Taipei, Chinese Taipei**

# TERMS OF REFERENCE

## THE INTERMODAL AND ITS EXPERTS GROUP (IEEG)

### 1. Background

Together with other APEC Transportation Working Group (TPT-WG) Expert Groups [Aviation; Maritime; and Land], the Intermodal and ITS Expert Group (IEEG) contributes to TPT-WG’s objectives that promote a safe, secure and efficient transportation system. These objectives promote the Bogor Goals of free and open trade and investment in the APEC region. The TPT-WG also strives to ensure that transportation systems in the APEC region are both seamless and environmentally-friendly through the application of innovative and advanced technologies that reduce congestion and enhance transport safety, security and sustainability.

The IIEG is a forum of member economies to promote and facilitate the implementation of an integrated intermodal transportation system and Intelligent Transportation Systems (ITS) in the Asia Pacific Region. The IIEG undertakes activities, initiatives, and projects in response to directives from APEC Leaders and Ministers; APEC priorities developed by Senior Officials, SOM Steering Committee on Economic and Technical Cooperation (SCE), and the APEC TPT-WG Lead Shepherd. The IIEG will conduct its work in compliance with APEC policies and procedures.

There is one sub-group within the IIEG, which is the Global Navigation Satellite System (GNSS) Implementation Team (GIT). Please visit <http://www.apecgit.org/> for more information.

### 2. Objectives

The IIEG contributes to an efficient, sustainable, and integrated intermodal transportation system to facilitate trade within the APEC region; and promotes and facilitates Electronic Commerce, ITS, Satellite Navigation Systems, and other advanced innovative technologies application in the transportation systems. The contributions of the IIEG to the TPT-WG are underpinned by four “pillars”



### 3. Scope of Work

Most of the work conducted by the IIEG members are either through self-funded or APEC-funded initiatives that could include:



All economy who wish to submit a Concept Note for APEC funding consideration must submit it through the IIEG chair in order to share with IIEG members for reviews and comments. Once the IIEG members agrees the Concept Note aligns with the IIEG objectives and scope, then the IIEG chair will submit the Concept Note to the Lead Shepherd Office for endorsement and prioritization.

The IIEG recognizes that these transportation issues and initiatives related to supply chain, ITS, and innovation technology may complement the work done by other APEC fora and international multilateral agencies, to name just a few, such as the

- Asia Development Bank (ADB),
- World Bank, Transport Division,
- International Transport Forum (ITF),
- United Nations Conference on Trade and Development (UNCTAD),
- International Standards Organization (ISO),
- International Civil Aviation Organization (ICAO),
- International Maritime Organization (IMO),
- Universal Postal Union (UPU), and
- World Customs Organization (WCO)

IIEG will seek to establish and foster cross-fora collaboration whenever possible.

#### **4. Meeting**

The group will normally meet during the APEC TPT-WG sessions and shall report back to HODs of the APEC TPT-WG. Ad hoc groups or task force, reporting to the chair of IIEG, will be established when needed in order to advance preparations toward objectives, and their relevance will be assessed on an annual basis by the HODs. Terms of reference will be established for any sub-groups and added as appendices.

#### **5. Membership**

Each APEC economy is encouraged to appoint two or more representatives with expertise in the intermodal and ITS sectors if possible. They are encouraged to actively participate in technical and policy oriented discussions and undertake both APEC funded and self funded projects to advance IIEG objectives.

Please refer to the APEC Non-Member Participation Guidelines if any member economy wishes to invite an external agency as a guest to present and attend the IIEG meeting. The member economy should also inform the Chair prior to the meeting with the guest invitation.

The list of the 2017 IIEG representatives and observers are listed in **Appendix A.**

#### **6. Roles and Responsibilities**

##### **Chair (with assistance of a secretary, if available):**

- Chair the IIEG meetings;
- Manage the business of the IIEG meetings, such as preparing meeting agendas, final report, IIEG contact list, and circulating all meeting documents to all IIEG representatives and observers;
- Represent the IIEG at TPT-WG Plenary and HODs Meetings;
- Review and coordinate the submission of concept notes originating from the IIEG;
- Liaise with HODs, the Lead Shepherd, the Deputy Lead Shepherd, the APEC Secretariat, and other Expert Group Chairs to discuss TPT-WG related activities; and,
- Be the point of contact with other organizations having a mandate for intermodal or ITS related topics.

##### **Deputy-Chair:**

- Carry out duties identified collaboratively with the Chair; and,
- Carry out the duties of the Chair whenever the Chair is unavailable, such as representing the IIEG at Plenary and HODs Meetings;

##### **Members:**

- Further to necessary domestic consultations, representing their Economy on all relevant agenda items;
- Respond to proposals and recommendations;
- Brief their Head of Delegation as required;

- Prepare Concept Note;
- Conduct self funded or APEC funded projects as required;
- Actively participate in meetings and email/online discussions on all intermodal and ITS related discussions and activities; and,
- Inform the IIEG Chair, Deputy Chair and the APEC Secretariat regarding changes in their respective economy's representative and contact information.

The Chair and Deputy Chair are elected by the consensus of the IIEG members for a period of 2 years. At the end of the 2-year term, the Chair will solicit interest within the IIEG members for a volunteer to be the Chair or Deputy Chair. There is no limit as to how many terms an economy member can serve as Chair or Deputy Chair.

In the event the economy member cannot fulfill the Chair duty (e.g. new job or workload issue), then the Deputy Chair will act as the Acting Chair for the remainder of the 2-year term. Again, at the end of the 2-year term, the Acting Chair will solicit interest among the IIEG members for a volunteer to be the IIEG Chair.

In the event the economy member cannot fulfill the Deputy Chair duty (e.g. new job or workload issue), then the Chair will solicit interest within the IIEG to take up the role of Acting Deputy Chair for the remainder of the 2-year term. Again, at the end of the 2-year term, the Chair will solicit interest among the IIEG members for a volunteer to be the IIEG Deputy Chair.

**Appendix A – Membership List of IIEG Representatives and Guests (2017)**

<b>Economy</b>	<b>Family Name / Given Name</b>	<b>Organization</b>	<b>Title or Designation</b>
Australia	Vacant		
Brunei Darussalam	Vacant		
Canada	Kwan, Thomas	Transport Canada	Engineering and Planning Specialist / IIEG Chair
Chile	Vacant		
People's Republic of China	Fei, Weijun	China Waterborne Transport Research Institute	Deputy Director General
People's Republic of China	Zhang, Hua	China Waterborne Transport Research Institute	Senior Engineer, Research & Development Department / IIEG Deputy Chair
People's Republic of China	Wang, Hongwei	Ministry of Transport	Director, Department of International Cooperation
People's Republic of China	Hu, Nan	Ministry of Transport	Principle staff member, Department of International Cooperation
People's Republic of China	Li, Ying	Ministry of Transport	Director, Comprehensive Planning Department
Hong Kong, China	Vacant		
Indonesia	Sulaksono, Arif	Ministry of Foreign Affairs	Directorate of Asia-Pacific and African Intra-Regional Cooperation / Directorate General

			of Asia-Pacific and African Affairs
Indonesia	Yuyun E., Wahyuningrum,	Ministry of Transportation	Deputy Director for Urban Traffic, Directorate General of Land Transportation
Indonesia	Amiruddin Muhammad Arsyad	Ministry of Transportation	Chief of Regional Cooperation, Legal Affairs and International Cooperation
Indonesia	Setiono, Tonny Agus	Ministry of Transportation, Directorate General of Land Transportation, Directorate of Urban Transportation System Development	Head for Urban Traffic Section
Indonesia	Sasono, Djoko	Ministry of Transportation, Directorate General of land Transportation, Directorate of Urban Transportation System Development	Director of Urban Transportation System Development
Indonesia	Wahjuningrum, Jujun	Ministry of Transportation, Directorate General of land Transportation, Directorate of Urban Transportation System Development	Deputy Director of Urban Transportation System Development
Indonesia	Isrofi, Muhammad	Ministry of Transportation	Staff of Urban Transportation system Development
Japan	Taniai, Ryu	Ministry of Land, Infrastructure, Transport and Tourism	Director, International Strategy Office for Transport, Policy Bureau
Japan	Ibe, Takashi	Japan Radio Air Navigation Systems Association	Project Manager
Japan	Tateshita, Hiroaki	Cabinet Office	National Space Policy Secretariat

			QZSS Strategy Office (QZSO)
Japan	Takeuchi, Yasuhito	Ministry of Land, Infrastructure, Transport, and Tourism	International Policy Division, Policy Bureau
Japan	Jinushi, Jun	Ministry of Land, Infrastructure, Transport and Tourism	International Policy Division, Policy Bureau
Japan	Kobayashi, Kodai	Ministry of Land, Infrastructure, Transport and Tourism	International Policy Division, Policy Bureau
Republic of Korea	Park, Seong-Lyong (Mr.)	Ministry of Land, Infrastructure and Transport	Deputy Director, ITS & Road Safety Division, Road Bureau
Republic of Korea	Park, Sun-Yong	Ministry of Land, Infrastructure and Transport	ITS & Road Safety Division, Road Bureau
Republic of Korea	Yoon, William	ITS Korea	Associate Researcher
Republic of Korea	Chang, Young-Tae	INHA University	Professor, Graduate School of Logistics, Asia Pacific School of Logistics
Malaysia	Mohd Afzainizam Aziz	Ministry of Transport	Assistant Secretary (Bilateral and Multilateral) Strategic Planning and International Division
Malaysia	Datuk Ruhaizah Mohamed Rashid	Ministry of Transport	Deputy Secretary General (Policy)
Malaysia	Mohd Aidi Mohd Hussin	Ministry of Transport	Deputy Under Secretary
Malaysia	Mohd Herzi Bin Che Hussin	Ministry of Works	Assistant Secretary,
Malaysia	Muhd Noor Noor Mazlan	Ministry of Works	Senior Engineer
Malaysia	Jamilah Bt Mohd Marjan	Ministry of Works	Under Secretary
Malaysia	Naslin Binti Jusoh	Ministry of Works	Assistant Secretary

Mexico	Vacant		
New Zealand	Macilree, John	Ministry of Transport – Te Manatū Waka	Principal Adviser
Papua New Guinea	Habon, Philip	Department of Transport	Deputy Secretary, Policy & Planning and Corporate Support Services Wing
Papua New Guinea	Haoda, Gabi	Department of Transport	First Assistant Secretary, Policy & Research Division
Papua New Guinea	Pombo, Koni	Department of Transport	First Assistant Secretary, Planning & Coordination Division
Peru	Vacant		
The Philippines	Basallote, Andrew B.	Civil Aviation Authority of the Philippines	Assistant Director General II, Air Navigation Service
The Philippines	Aquino, Amelia M	Philippine Ports Authority	Department Manager, Strategic Planning Department
The Philippines	Lopez, Oscar J.	Cebu Port Authority	Department Manager, Port Management Department
The Philippines	Natividad, Maria Ceciliag	Department of Transportation and Communications	Director for Operations Monitoring Service
The Philippines	Sumagaysay, Rosenda G.	Philippine Ports Authority	Port Manager, Region 5
Russia	Petrov, Yury B.	Ministry of Transport	Assistant to the Minister/Russia HOD
Russia	Bykova, Irina	Ministry of Transport	Advisor, International Cooperation Department/Contact Point of Russia to the TPT WG
Singapore	Ong, Lawrence	Ministry of Transport	Senior Assistant Director (Climate Change),

			International Relations and Security Division
Singapore	Cher, Nicolas	Ministry of Transport	International Relations Executive, International Relations and Security Division
Singapore	Ho, Jack	Ministry of Transport	International Relations Executive, International Relations and Security Division
Chinese Taipei	Huang, Hsin-Hsun	Institute of Transportation, Ministry of Transportation and Communications	Deputy Director-General / Chinese Taipei HOD
Chinese Taipei	Chern, Chi-Hwa	Institute of Transportation, Ministry of Transportation and Communications	Director, Information Systems Division
Chinese Taipei	Chou, Ja-Ching	Institute of Transportation, Ministry of Transportation and Communications	Senior Transportation Analyst, Information Systems Division / Co-Chair of GIT
Chinese Taipei	Chiou, Pei-Chun	Institute of Transportation, Ministry of Transportation and Communications	Researcher, Information Systems Division / Contact Point of Chinese Taipei to the TPT-WG
Chinese Taipei	Yen, Kelly	Taiwan Institute of Economic Research	Group Leader, Research Division V
Chinese Taipei	Liu, Yu-Shen	Taiwan Institute of Economic Research	Associate Research Fellow, Research Division V
Chinese Taipei	LAI, I-Hung	Institute of Transportation, Ministry of Transportation and Communications	Associate Researcher
Chinese Taipei	CHEN, Chueh-Ting	Engineer of Science and Technology Advisers Office, Ministry of Transportation and Communications	Senior Engineer

Chinese Taipei	LIU, Chien-Pang	Engineer of Science and Technology Advisers Office, Ministry of Transportation and Communications	Engineer
Chinese Taipei	CHEN, Jung	Department of International Affairs, Financial Supervisory Commission	Specialist
Chinese Taipei	FANG, Ching-Ting	Department of International Affairs, Financial Supervisory Commission	Assistant Researcher
Chinese Taipei	LIRN, Taih-Cherng	Chinese Maritime Research Institute	Supervisor
Thailand	Hongsakul, Jerawun (Ms.)	Ministry of Transport	Chief of International Cooperation Group, International Cooperation Bureau, Office of the Permanent Secretary
Thailand	Suksri, Jintawadee (Ms.)	Ministry of Transport	Plan and Policy Analyst, Office of Transport and Traffic Policy and Planning, Planning Bureau
Thailand	Pisitsak, Ornuma (Ms.)	Ministry of Transport	Plan and Policy Analyst, Office of Transport and Traffic Policy and Planning, Planning Bureau
The United States	Clement, Christopher D.	U.S. Department of Transport, Office of the Secretary	Senior Advisor / US HOD
The United States	Van Dyke, Karen L.	U.S. Department of Transportation	Director, Position Navigation & Timing (Acting), Research and Innovative Technology Administration/Volpe National Transportation Systems Center

Viet Nam	Ngoc, Tran Bao	Ministry of Transport	Director General, Transportation Department
Viet Nam	Nguyen, Hien	Ministry of Transport	Deputy Director General, Transport Development and Strategy Institute
Viet Nam	Nguyen, Ngoc NGA	Ministry of Transport	Official, Science Technology, Environment and International Cooperation Department
Viet Nam	Kieu, Thi Diem	Ministry of Transport	Principal Official, International Cooperation Department
Viet Nam	Hung, Do	Ministry of Transport	Official of International Cooperation Department

**Guest Economy and other APEC Fora Guest**

<b>Economy</b>	<b>Family Name/Given Name</b>	<b>Organization</b>	<b>Title or Designation</b>
Macao, China	Chan, Hoi Si Linda	Macao Economic Services	Senior Officer, Regional Economic Affairs Division
Macao, China	Chan, Wai Shan Angel	Macao Economic Services	Secretary, Regional Economic Affairs Division
Macao, China	Leong, Coldy Un Man	Macao Economic Services	Officer, Regional Economic Affairs Division