



OVERVIEW REPORT ON THE 45TH MEETING OF THE APEC TRANSPORTATION WORKING GROUP

23-24 April 2018, Seoul, Republic of Korea

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A OVERVIEW OF THE MEETING

Introduction

The Republic of Korea hosted the 45th meeting of the Transportation Working Group (TPT-WG45) on 23-24 April, 2018, in Seoul. The meeting was held at the Lotte Hotel Seoul.

Mr. Jae-Jeong Kim, Deputy Minister of the Ministry of Land, Infrastructure, and Transport welcomed delegates at the Opening Plenary on 23 April, 2018.

The Lead Shepherd and some other delegates expressed their thanks and appreciation for the hospitality extended by the Republic of Korea in hosting this meeting.

The outcomes of the meeting are summarised in this report. All official papers from the meeting are available on the APEC website by selecting the TPTWG pages on <http://mddb.apec.org/pages/browseGroup.aspx>.

Participation

A total number of 18 economies attended the meeting: Australia; Canada; China; Hong Kong, China; Indonesia; Japan; the Republic of Korea; Malaysia; New Zealand; Papua New Guinea; Peru, the Philippines; Russia; Singapore; Chinese Taipei; Thailand; the United States; and Viet Nam. Representatives from the APEC Port Services Network also attended. The Lead Shepherds of both the Energy Working Group and the Human Resources Development Working Group attended the meeting. Two professors from Ajou University and Korea Advanced Institute of Science and Technology attended as special invited speakers to the Opening Plenary. The APEC Secretariat was represented by the Programme Director.

Keynote speeches

Keynote speakers at the Opening Plenary were Mr. Jae Jeong Kim, Deputy Minister for Planning and Coordination of the Ministry of Land, Infrastructure, and Transport; Mr. Roy Mumu, Secretary of Department of Transport and Infrastructure of Papua New Guinea; and Dr. Jyuung-Shiauu Chern, Lead Shepherd of the Energy Working Group (EWG). The speakers highlighted the value of APEC TPT-WG's role in supporting economic integration and development through enhancing transport connectivity, sharing best practices, and building capacity while underlining the need to work closely together to promote cross-fora collaboration between their fora and TPT-WG.

In particular, Lead Shepherd of EWG presented the structure and priorities of EWG, transport-related EWG projects, and their Outlook for transport-related energy use. Lead Shepherd of EWG concluded that further collaboration between EWG and TPT-WG will be beneficial to future development on transport in the Asia Pacific region.

EWG held the Electric Vehicle and Hydrogen Technology Policy Workshop in November 2017. EWG and the Automotive Dialogue jointly held the Electromobility Workshop in February 2018. To support the development and implementation of the Low-Emission Development Strategies (LEDs) in the transport sector, EWG held two workshops in 2017, and one more in May 2018. A follow-up project proposal on LEDs is under consideration and will be seeking TPT-WG's co-sponsorship.

The EWG Outlook demonstrated that transport will be the essential demand sector by 2050. Traditional gasoline and diesel will remain as the primary fuels, but alternative fuels, including hydrogen, biofuels, natural gas, and electricity, will increase in use. However, there are enormous challenges ahead to transform the transport sector, such as establishing fuelling infrastructure, capital investment, and impacts of charging electric vehicles to the load fluctuation of the electricity grids.

Programme

The TPTWG45 programme included opening and closing plenaries, and meetings of the Expert Groups (Aviation (AEG), Intermodal and Intelligent Transport Systems (IIEG), Land (LEG) and Maritime (MEG)). The Expert Group meeting agendas incorporated the issues of the sub-group meetings, as per the structural reforms endorsed at TMM10.

B OUTCOMES, PROJECTS AND OTHER INITIATIVES

TPTWG Terms of Reference, Annual Workplan, and Strategic Plan

Member economies endorsed the Terms of Reference with slight modifications, which include locating sub-groups (GIT and Aviation Security) in the diagram of the TPT-WG organization and adding a sentence which states "TPT-WG priorities, projects, outputs and deliverables will be undertaken through its annual Work Plan".

Member economies decided to finalize the annual Work Plan 2018 and the Strategic Plan 2018-2020 through inter-sessional consultations by the end of the first week in May. This will allow time to reach a consensus on whether to use “environmental protection”, “sustainability”, or “environmental sustainability” in a sentence elaborated to address TPT-WG’s priorities, as well as on terms related to international organizations representing regions in the Strategic Plan 2018-2020.

Expert Groups

The Final Reports from the Expert Groups were presented and approved at the Closing Plenary. The Final Reports are available on the Online Meeting System as well as the Meeting Document Database.

AEG

The AEG tasking from TMM10 was referenced. The importance was noted of the compliance with ICAO standards and utilization of the latest security technology to better detect threats and facilitate efficiency to minimize risks to transportation within the Asia-Pacific Region.

Topics discussed in the AEG included:

- ICAO Updates
- Summary of Proceedings of ICAO 29th AVSEC Panel
- Consumer Protection Mechanisms
- Flight Standards for Unmanned Aerial Systems (UAS)
- Cybersecurity and the Aviation Ecosystem
- System-Wide Information Management (SWIM)
- Special Cargo
- Advance Passenger Information / Passenger Name Record (API/PNR) for Aviation Security
- Application of New Technologies in Civil Aviation Security of China
- Promoting Awareness on Aviation Security

Election of the AEG leadership positions was held.

LEG

LEG discussed three existing concept notes and a self-funded project on improving motorcycle safety from Chinese Taipei.

Also, it continued to share best practices for enhancing transportation safety such as educational programs and guidelines, best practices for motorcycle and pedestrian safety in this region, heavy vehicle overloading, and vehicle standard harmonization according to the TPT-WG Work Plan and the UN Decade of Action for Road Safety 2011 to 2020.

In addition, LEG focused on sharing information on automated vehicles and other related emerging vehicle technologies.

Finally, nominations were sought for the Chair and Vice-Chair of LEG.

IIEG

IIEG Acting Chair started off with a review of the outcomes of the IIEG 44 meeting in Chinese Taipei, and then introduced IIEG's focus on the five key agenda items that were focused on for the IIEG 45 meeting, as follows:

- IIEG reviewed updates of two on-going projects including "Promoting Supply Chain Resiliency in the APEC Region: Reviewing Progress on the 7 Principles" from the US, and a self-funded project titled "The Study of Best VGM (Verified Gross Mass) Practices to Maintain and Enhance the Supply Chain Connectivity in the APEC Region" from Chinese Taipei.
- A new Concept Note from China titled "Promoting Digital Innovation in the Port Industry in APEC Economies to Promote Supply Chain Connectivity and Regional Integration" was reviewed, and new possible projects were discussed.
- All IIEG member economies will be encouraged to present an economy update on intermodal and ITS developments in their respective economies.
- IIEG sub-group Global Navigation Satellite Systems (GNSS) Implementation Team (GIT) will provide an update report to IIEG members.
- Nomination and election of the Chair of IIEG.

MEG

The Chair of the Maritime Expert Group (MEG) made a presentation on their key agenda items, according to the three main themes: connectivity, capacity building, and green policy/cargo safety. Also, security-related items for the Maritime Security Sub-Group (MEG-SEC) were outlined.

Regarding connectivity, the Chair introduced new projects on digitalization of ports, as well as an on-going project on best practices of cruise ports. As to capacity building, the report on the outcome of the on-going project for the enhancement of Global Capacity of Seafarers was announced, followed by an introduction of a new related project.

Regarding Green Policy and Cargo Safety, key agenda items such as Green Port Award System (GPAS) implementation or a funded project on preventing accidents in the transportation of dangerous goods were mentioned. Finally, the Chair announced that security-related items would be discussed focusing on cyber-security initiatives, and that an election for the Chair would be conducted.

Projects and Concept Notes

The Program Director highlighted that all the Project Overseers (POs) should meet the following basic requirements.

- 1) Using a new concept note template
- 2) Meeting eligibility criteria set by fora responsible for specific funds that POs are looking for
- 3) Securing the required number of co-sponsorship economies before the internal submission deadline
- 4) Showing how their projects will contribute to capacity building of developing economies as well as cross-fora collaboration.

The Program Director also requested all the member economies coordinate their plans to submit concept notes with relevant Expert Group Chairs and Vice Chairs before the internal submission deadline.

The Program Director laid out the schedule for the Project Session 2 as follows: The internal submission deadline for concept notes is June 22nd and the final submission deadline is June 29th.

The Program Director updated member economies that four concept notes including one self-funded project have been submitted in the Project Session 1 for 2018. The Budget and Management Committee (BMC) in-principle approval of concept notes will be released on April 27th, 2018. Project proposals for approved concept notes should be submitted to the Secretariat for quality assessment no later than May 25th.

Presentation and Discussion on APEC Vision Beyond 2020

The Program Director gave a presentation on processes, stakeholders, and schedules. The Lead Shepherd underlined that cross-fora collaboration might be appropriate intellectual elements that TPTWG needs to prepare as its contribution to APEC vision statement. Member economies agreed that Lead Shepherd would draft the part of the vision statement relevant to TPT-WG mandate while collaborating with Expert Group Chairs before circulating among HODs.

Presentation and Discussion on Cross-Fora Collaboration Opportunities

Japan presented the status, history, contents, and seminars of the 'Quality Infrastructure Investment (QII)' project. The Japanese delegate underlined that this project might give an insight on how to promote cross-fora collaboration between TPT-WG and Friends of the Chair Groups on Connectivity in that transport infrastructure plays a significant role in QII.

Prof. Dong Sun Park, Lead Shepherd of the Human Resources Development Working Group (HRDWG), noted that APEC 2018 has three sub-themes: 1) Growth, 2) Connectivity, and 3) Onset of the Digital Economy. Among the sub-themes, connectivity is potentially the most promising area in which cross-fora collaboration between TPT-WG and HRDWG may be promoted. In this regard, he stated that the 2014 APEC Leader's Declaration Annex D, i.e.,

APEC Connectivity Blueprint for 2015-2025, might serve as a guideline for future cross-fora collaboration between the two working groups.

Special Presentation

The 45th TPTWG invited two eminent scholars in the field of future transport to deliberate on and consider how the direction of the future transport system. First, Dr. Kyung-Soo Kim, a Dean of the Cho Chun Shik Graduate School of Green Transport, Korea Advanced Institute of Science and Technology (KAIST), presented 'The Future of Transport.' Second, Dr. Keechoo Choi, a professor in Ajou University as well as a chair of Korean Society of Transportation, presented on 'Future Transport Infrastructure.'

Their brilliant presentations and the discussions that followed emphasized the need to prepare and cope with the future transport system in the APEC region, and the necessity of cooperation between all members of the APEC for making a better future transport system. The Lead Shepherd of the Energy Working Group indicated that preparation for transport infrastructure based on electricity will be needed sooner than we think since the world is developing methodologies to get electricity at much cheaper costs.

Presentation on APEC Self-funded Project: Cooperation in the Field of Transport Education for the Benefit of Transport Connectivity in the APEC region

The Russian Federation made an official announcement regarding hosting APEC TPTWG 48 in 2019. The meeting will be arranged between November and December 2019 in Moscow in conjunction with the annual "Transport Week" event. The event will include a series of activities such as the International Forum and Exhibition of Transport of Russia. Russia also presented regarding the outcomes of the APEC Conference under the title of "Cooperation in the field of transport education for the benefit of transport connectivity in the APEC region", which was held on 7-8 February, 2018 in Moscow within the framework of the Forum of "Transport education and science 2018". Russia looks forward to any comments from economies regarding the Conference recommendation for its further TPTWG adoption.

APEC Port Service Network (APSN) Presentation

APSN updated the working group on its activities from TPT-WG 44. In 2017, in line with its Action Plan, the APSN organized the APSN Workshop on "Restructuring of Shipping and Port Industry: Trends and Challenges" in conjunction with the 10th APSN Council Meeting on 15-18 August 2017 in Ho Chi Minh City, Viet Nam. Also, the Green Port Award System (GPAS) 2017 was successfully implemented with seven applicants awarded the APSN Green Port award. The GPAS 2018 has started this January and port authorities and port operators in all APEC member economies are welcome to join.

APSN will host the Port Connectivity Forum, the GPAS 2017/2018 awards ceremony, and the APSN 10th Anniversary Contribution Awards Ceremony and

will inaugurate the APSN Study Center on 15-16 November, 2018 in Singapore to celebrate the 10th APSN Anniversary. The 11th Meeting of APSN Council and the 7th APSN Advisory Board Meeting will be held back to back with these activities on 13-14 November 2018. The theme of the Port Connectivity Forum is “Port Connectivity: Positioning Asia-Pacific Ports for the Future”. The Forum is intended to provide a platform for all stakeholders in the Asia-Pacific port industry to exchange ideas and share views on trends and future developments of supply chain connectivity focused on topics including but not limited to innovations and disruptors so as to help port and terminal operators cope with future challenges. All APEC member economies are invited to attend this Forum.

Women in Transport

On behalf of the Women in Transportation (WiT) Task Force, the United States briefly reported outcomes and achievements of the recent activities on ‘Women in Transport’ in the APEC region including updates on the pilot projects underway in Viet Nam, Malaysia, and Papua New Guinea. The delegate also discussed plans for a WiT Roundtable, a one-day event expected to be held alongside the upcoming TPTWG meetings in Peru during October 2018.

The United States raised the instruction of the Ministers to continue work to increase women’s participation in transportation sector jobs, and proposed that the TPTWG consider ways to sustainably institutionalize the WiT Task Force as a more permanent unit within the TPTWG. In the interim, the United States proposed to hold WiT Task Force side meetings at the next two TPTWG meetings.

Other Business

The Ministry of Oceans and Fisheries (MOF) in the Republic of Korea (ROK) introduced a Seafarer Excellence Network in the Asia Pacific (SENAP), an industry’s one-stop portal for highly skilled mariners.

The MOF in the ROK strengthened the necessity of introducing the SENAP to improve the quality of marine service in the APEC and explained the characteristics of the SENAP.

Classification of Meeting Documents

Lead Shepherd wrapped up the TPTWG45 meeting by stressing the need to submit Concept Notes within the deadlines, summarizing and submitting the minutes of all agendas, and appreciating the excellent cooperation of all members in the APEC.

C MANAGEMENT AND ADMINISTRATIVE MATTERS

Future TPT-WG meetings

Member economies endorsed both Peru's proposal to host TPT-WG46 in Lima, Peru from 15-17 October and Russia's proposal to host the TPT-WG48 in Russia in late November or early December 2019.

Furthermore, member economies endorsed the idea proposed by the Program Director that at least one TPT-WG meeting should be held on the margin of SOM, which will make a contribution to cross-fora collaboration. Therefore, specific dates for the TPT-WG47 meeting (2019) should be coordinated with APEC Secretariat in consideration of 2019 Host Economy (Chile)'s meeting schedule. The Program Director highlighted the necessity to maintain a streamlined structure for TPT-WG meetings, as approved by TMM10, in order to make this idea a reality. To follow up on this matter, the Lead Shepherd and Program Director will contact Chile's HOD, and Peru (host economy for TPT-WG6) will invite Chile to participate in TPT-WG46 meetings.

The MEG Chair stated that MEG may consider holding a separate meeting of the MEG-SEC sub-group in TPT-WG-46. IIEG Acting Chair expressed her group's interest in holding a separate meeting of the GIT subgroup at TPT-WG-46. The US HOD also underlined the need to hold a separate meeting for WiT in TPT-WG-46.

Papua New Guinea and the Program Director reiterated that the streamlined structure of TPTWG meeting was agreed by TPT-WG-44, inter-sessionally approved by all the Heads of Delegation and endorsed by TMM10.

It was noted that according to what was endorsed by TMM10 regarding the new structure of TPT-WG meetings, issues on whether to hold separate meetings of Expert Groups' sub-groups and side meetings should be considered within each Expert Group; officially tabled to Lead Shepherd; inter-sessionally discussed within TPT-WG as a whole to seek a consensus among Heads of Delegation, and finally decided upon by the meeting host economy.

Presentation and Discussion on Collaboration with Other Regional Groups

Member economies agreed on the terminologies and contents regarding this issue in the Work Plan 2018 and the Strategic Plan 2018-2020.

Vacancies and Nominations

AEG elected Mr. Ju Yean-dar from Chinese Taipei as Vice Chair of the group. AEG elected Mr. Eric Yatar from US as Chair of AEG-SEC.

Dr. Motoshita Abe from Japan was re-elected as Chair of MEG for the next term.

Ms. Zhang Hua from China was elected Chair of IIEG. IIEG elected Mr. Jason Taylor from Canada as Vice Chair of the group.

LEG failed to elect Chair and Vice Chair. Mr. Jae-pyoung Lee Acting Chair of LEG clearly notified that he will not be able to continue chairing LEG.

The Program Director encouraged member economies to volunteer for unfilled leadership positions by reminding them that TPT-WG is a member economy-driven forum so without active leadership of each member economy, TPT-WG cannot be successful.

Upcoming Conference, Seminars, and Other Events

Several economies announced their plans to host conferences or seminars regarding their APEC projects. The Program Director requested those economies to coordinate relevant administrative matters with the APEC Secretariat in advance. /End/