

EASTS-ITF special seminar

Prospects for Transport Decarbonisation

in a rapidly changing environment

13 December 2022
13:30–16:00 JST (UTC+9)

Hybrid event (on-site and online)
with simultaneous interpretation (English-Japanese)

Hitotsubashi Hall
National Center of Sciences Building 2F
2-1-2 Hitotsubashi, Chiyoda-ku, Tokyo, Japan



OBJECTIVE

As the only global body that covers all transport modes, the International Transport Forum (ITF) at the OECD brings value to ITF member countries by supporting different transport goals and visions through the ITF's programme of work, policy analysis, research capacity, and an extensive network of experts and stakeholders.

The ITF provides an international platform for policy discussions with a diverse range of stakeholders, including not only national governments but also international organisations, civil societies, universities, research institutions and mobility-related companies. The focus is not only on discussing transport policy, but also on how to implement it, and in this regard, ensuring the linkage between research and policy implementation is a key challenge.

The ITF works closely with stakeholders in Japan, one of its member countries. For example, in October 2021, the ITF organised a webinar on MaaS deployment with World Business Council for Sustainable Development (WBCSD), focusing on the Japanese context, with the participation of various stakeholders, including researchers, practitioners and government officials.

Seizing the opportunity of the visit to Japan of ITF Secretary General, Young Tae Kim, this special seminar is jointly organised by the ITF and Eastern Asia Society for Transportation Studies (EASTS), one of the most influential actors in the transport research field in Japan. The event is also co-organised by Japan Transport and Tourism Research Institute (JTTRI), and supported by the Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Government of Japan.

As part of the seminar, the ITF's latest policy research and initiatives will be presented, followed by a panel focusing on decarbonising transport.

While we are faced with urgent and critical challenges such as Covid-19 and the energy crisis, we must also continue to address long-term challenges such as decarbonisation and ensuring sustainability and inclusion. It is envisaged that this special seminar organised by EASTS and the ITF will deepen relevant discussions in Japan by contrasting global transport trends with policy and research initiatives in Japan.

PROGRAMME

13 December 2022, 13:30 – 16:00 JST (UTC+9)
Hitotsubashi Hall, Tokyo, and online
Simultaneous interpretation (English and Japanese)

13:30-13:40	Welcome and Introduction Moderator: Prof. Shinya Hanaoka , Secretary-General, EASTS-Japan and Professor, Tokyo Institute of Technology <ul style="list-style-type: none">▪ Prof. Hirotaka Yamauchi, President for Research, Japan Transport and Tourism Research Institute (JTTRI)▪ Mr. Shigenori Hiraoka, Director-General for International Affairs, Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Government of Japan
13:40-14:10	Keynote presentation on the ITF outreach and research activities The ITF's Secretary-General, Young Tae Kim, will present the ITF's recent initiatives and research activities, focusing on the ITF's five main priority pillars in transport, including accessibility, connectivity, decarbonisation, digitalisation, and safety and security. The ITF, a global platform comprising 64 member countries, is focusing outreach activities in a number of global regions, notably in Asia, where the ITF has implemented many projects and is working closely with national governments, research institutions and business leaders. The publication of the ITF's flagship publication "ITF Transport Outlook 2021" in Japanese will also be announced. <ul style="list-style-type: none">▪ Dr. Young Tae Kim, Secretary-General, International Transport Forum (ITF)
14:10-15:55	The future of transport decarbonisation Moderator: Prof. Shinya Hanaoka Climate change cannot be stopped without decarbonising transport. Transport emits around 23% of the energy-related CO ₂ that feeds global warming. Without immediate action, its share could reach 40% by 2030. Transport emissions have grown faster than those of any other sector over the past 50 years. Demand for transport will continue to grow massively in the coming decades. As a result, CO ₂ emissions from transport activity will not fall, but could increase by 60% by 2050. The session will start with two presentations on the topic. A panel discussion will follow. The first presentation will explore the ITF's work on decarbonisation, which is one of the ITF's most focused policy domains. The presentation will refer to the analysis of the flagship publication "ITF Transport Outlook", which provides scenarios on the development of transport demand and related emissions up to 2050, and the Transport Climate Action Directory (TCAD), a policy catalogue of decarbonisation-related initiatives. The latest discussions on decarbonising transport at COP27 in Sharm el-Sheikh, Egypt, will also be addressed. Then, a presentation on the policy challenges in the quest to decarbonise international shipping

	<p>and aviation, ones of the hard-to-abate sectors for decarbonisation, will follow.</p> <p>At the following panel, the discussion will focus on the critical policy guidance required to enhance and integrate sustainable transport modes, such as public transport, walking, and cycling; to create greater partnerships and collaboration among stakeholder groups beyond the transport sector; and to support a just transition in the transport sector.</p> <p>Presentations (40 minutes)</p> <ul style="list-style-type: none"> • Dr. Jari Kauppila, Head of ITF Secretary-General’s Office, ITF <i>"ITF's work on decarbonisation"</i> • Mr. Tomohito Takeuchi, Senior Research Fellow, JTTRI <i>"Challenges for carbon neutrality in international maritime and aviation sector"</i> <p>Panel (65 minutes)</p> <ul style="list-style-type: none"> ▪ Prof. Akimasa Fujiwara, President, EASTS-Japan and Professor, Hiroshima University ▪ Dr. Young Tae Kim ▪ Dr. Jari Kauppila ▪ Mr. Tomohito Takeuchi
<p>15:55-16:00</p>	<p>Closing Remarks</p> <ul style="list-style-type: none"> ▪ Prof. Tetsuro Hyodo, Secretary-General, EASTS and Professor, Tokyo University of Marine Science and Technology

SPEAKERS AND PANELISTS

1. Welcome and Introduction

Prof. Shinya Hanaoka

Secretary-General, EASTS-Japan/ Professor, Tokyo Institute of Technology

Dr. Shinya Hanaoka is a Full Professor at the Department of Transdisciplinary Science and Engineering, School of Environment and Society, Tokyo Institute of Technology, Japan. He received a Ph.D. from Tohoku University in Sendai. He has worked as a Researcher at the Institute for Transport Policy Studies in Tokyo and an Assistant Professor at the Asian Institute of Technology in Bangkok. His research interests include air transport, maritime transport and transport logistics. He has published more than 130 international and national scientific papers as the journal articles. He is currently a secretary general of EASTS-Japan and a treasurer of EASTS.



Prof. Hirotaka Yamauchi

President for Research, Japan Transport and Tourism Research Institute (JTTRI)

Prof. Hirotaka Yamauchi is President for Research at the Japan Transport and Tourism Research Institute (JTTRI), a Professor Emeritus of Hitotsubashi University, and a Specially Appointed Professor at Musashino University's Faculty of Business Administration, Japan. He is currently serving as vice-president of EASTS-Japan. He graduated from the Graduate School of Business and Commerce at Keio University. His areas of expertise include applied microeconomics, transport economics, public economics, public utilities, and economics of regulation. He is currently a member of the Advisory Committee for Natural Resources and Energy of the Agency for Natural Resources and Energy, an expert member of the Information and Communications Council of the Ministry of Internal Affairs and Communications, an ad-hoc member of the Transport Policy Council of the Ministry of Land, Infrastructure, Transport and Tourism, and an ad-hoc member of the Fiscal System Council of the Ministry of Finance. He has authored many books on transport economics, including the co-authored *Air Transport*, which received an award from the Japan Society of Transportation Economics.



Mr. Shigenori Hiraoka

Director-General for International Affairs,
Ministry of Land, Infrastructure, Transport and Tourism
(MLIT)

Mr. Shigenori Hiraoka was appointed as Director-General for International Affairs, Ministry of Land, Infrastructure, Transport and Tourism (MLIT) in 2022. Prior to his current role, he has worked as Director-General in Tourism and Civil Aviation sections in MLIT. Recently, he worked as Deputy Vice-Minister for Policy Coordination, Minister's Secretariat, MLIT and Director-General, National Ocean Policy Secretariat, Cabinet Office. Mr. Hiraoka's career also includes a diplomatic posting as Counselor at the Embassy of Japan in the U.S.A. He earned a Bachelor of Law from the University of Tokyo and Master's degree in Public Policy from Kennedy School of Government, Harvard University.



2. Keynote presentation

Dr. Young Tae Kim

Secretary-General, International Transport Forum (ITF)

Young Tae Kim is the Secretary-General of the International Transport Forum (ITF). He was re-elected for a second term by the transport ministers of ITF member countries at their Annual Summit on 19 May 2022. He took office in his first term as Secretary-General in August 2017.

Prior to his election as ITF Secretary-General, Dr. Kim distinguished himself in the civil service of his native Korea, most recently serving as Director General in the Ministry of Land, Infrastructure and Transport (MOLIT). As Deputy Director-General from 2015, he was responsible for co-ordinating various transport policies including on autonomous vehicle, greenhouse gas reduction, urban transport, Intelligent Transport Systems and road safety, among others.

After joining the MOLIT in 1994 as Deputy Director for Urban Transport, Dr. Kim also held several Deputy Director and Director positions with responsibility for housing welfare, integrated city development and overseas infrastructure construction. He was seconded to the Prime Minister's Commission on Administrative Reform in 1996 and the Presidential Committee on Social Inclusion in 2005-2007. From 2010 to 2014, Dr. Kim worked in Washington, D.C., as Counsellor for Construction, Transport and Maritime Affairs at the Korean Embassy.

Dr. Kim earned his Master's degrees in Public Policy from Seoul National University, Korea, and in Urban Studies from Paris University de Vincennes-Saint-Denis, France.

He also received his Doctorate degree in Political Sociology and Public Policy from the Institut d'Etudes Politiques (Sciences-Po), Paris, France.

Dr. Kim speaks fluent English, French and some Spanish, in addition to his native Korean.



3. Panel discussion

Dr. Jari Kauppila

Head of ITF Secretary-General's Office, ITF

Dr. Jari Kauppila is Head of ITF Secretary-General's Office and Head of Quantitative Policy Analysis and Foresight Division at the International Transport Forum (ITF) at the OECD.

His team works on wide range of transport policy issues and is responsible for the ITF's flagship publication, Transport Outlook, quantitative model development and related analysis.

Since joining the ITF in 2007, Jari has also coordinated several international research projects on topics such as shared mobility, logistics, transport reliability, decarbonisation, road safety and infrastructure investment.

Prior joining the ITF in 2007, Jari spent nearly ten years with the Ministry of Transport and Communications Finland.

Besides his duties at the ITF, Jari is an Adjunct Professor in Transport Economics at the Department of Operations and Supply Chain Management at Turku School of Economics in Finland.

Dr. Kauppila speaks fluent English, Swedish, and French, in addition to his native Finnish.



Mr. Tomohito Takeuchi

Senior Research Fellow, JTTRI

Tomohito Takeuchi is a senior research fellow of Japan Transport and Tourism Research Institute (JTTRI) and has been responsible for research projects on carbon neutrality policies in the transport sector since his secondment to JTTRI from the Ministry of Transport and Tourism of Japan (MLIT) in May 2022.

After joining the MLIT in 1995, he was in charge of safety, environment protection, and industry development policies mainly in the maritime field. In September 2020, he was seconded to the ClassNK where he was engaged in the planning for the decarbonization of international shipping and the establishing of Planning and Design Center for Greener Ships (GSC) as Director for planning and coordination of the center.

Obtained master's degree in Naval architecture from Yokohama National University, Japan.



Prof. Akimasa Fujiwara

President, EASTS-Japan/ Professor, Hiroshima University

Dr. Akimasa Fujiwara is a professor of Graduate School of Advanced Science and Engineering at Hiroshima University. He earned his doctoral degrees of engineering in Hiroshima University and was appointed a professor at the university in 2002 after staying at University of Tokyo and Imperial College London. He is currently serving as the president of EASTS-Japan and a vice-president of JSCE.

His research interests cover a range of traffic and transport related areas including activity-based travel demand modeling, sustainable urban and regional development, and evaluation/design of innovative urban and mobility policies. He authored a lot of papers and was rewarded many paper awards including the Best Paper Prize of the EASTS in 2005.



PRACTICAL INFORMATION

Registration for On-site and Virtual Participants

Registration is required for both on-site and virtual participants. After registering, you will receive a confirmation email containing information about joining the meeting. Applications for on-site participation will be closed when the number of participants reaches the venue's capacity.

Registration link for the meeting:

<https://forms.gle/EaS2dhmLfwobLxZQ9>

Contact for registration:

hattori.n.ad@m.titech.ac.jp

Access to Hitotsubashi Hall

Hitotsubashi Hall, National Center of Sciences Building 2F, 2-1-2 Hitotsubashi, Chiyoda-ku, Tokyo 101-8439

<https://www.hit-u.ac.jp/hall/accessen.html>

Some Useful Information for Virtual Participants

For online participants, a headset with a microphone or an audio system with echo canceler is recommended. A wired internet connection is also recommended. Online participants are kindly asked to keep their microphones muted throughout the meeting.

Personal Data protection

The OECD processes personal data under its Personal Data Protection Rules: <https://www.oecd.org/general/data-protection.htm>

EASTS (Eastern Asia Society for Transportation Studies) was founded in November 1994. The member domestic societies join from 19 countries/regions: Australia, Cambodia, China, Hong Kong, Indonesia, Japan, Korea, Lao PDR, Malaysia, Mongolia, Myanmar, Nepal, New Zealand, Philippines, Singapore, Sri Lanka, Taiwan, Thailand and Vietnam. Dr. Jaehak Oh is the President of the EASTS, and he is also a President of Korea Transport Institute.

The primary objectives of the Society are to foster and support excellence in transportation research and practice and to stimulate professional interchange in all aspects and modes of transportation. One of the primary activities of the Society is organizing biennial International Conferences. Since the 1st Conference held in Manila in 1995, 14 conferences have been held in EASTS areas. The 15th conference will be held from September 4th to 7th, 2023 in Kuala Lumpur.



Eastern Asia Society for Transportation Studies

c/o Japan Transport and Tourism Research Institute
3-18-19, Toranomon, Minato-ku, Tokyo, #105-0001, JAPAN
Phone: +81-3-5470-8405
Facsimile: +81-3-5470-8401
e-mail: easts@easts.info
<http://easts.info/>



International Transport Forum

2 rue André Pascal
F-75775 Paris Cedex 16
+33 (0)1 73 31 25 00
contact@itf-oecd.org
www.itf-oecd.org