



ADBI-WCTRS Webinar Series on High-Speed Rail

Webinar-3:

High-Speed Rail and Spatial Scenarios for Europe 2050

Event Date: June 26th, 2020

Event Time: 16:00hrs to 17:30hrs, JST

(07:00hrs to 08:30hrs UTC; 09:00hrs to 10:30hrs CET; 12:30hrs-14:00hrs IST)

Organizer:

Asian Development Bank Institute (ADBI), Tokyo, Japan in association with Special Interest Group (SIG) A4- "High-Speed Rail: Policy, Investments and Impact" of World Conference of Transport Research (WCTR) Society and Chubu University, Kasugai, Japan.

Objectives:

The objective of this webinar is to enhance capacity and increase knowledge on key issues related to the modelling of various spatial effects that are witnessed by high-speed rail development. The speaker, Dr. Michael Wegener will illustrate the likely impact of high-speed rail projects on spatial development in Europe based on the ESPON project ET2050 (Territorial Scenarios and Visions for Europe) conducted in 2011-2014. The objective of the ESPON project was to develop a vision of the spatial structure of Europe based on scientific evidence by a large team of researchers of different European countries. The task of the German project partners was modelling the spatial development of the European territory until the year 2050 based on the structural and cohesion policy of the EU and further implementation of the Transeuropean Transport Networks. Three scenarios were compared namely Megas Scenario A (for promotion of large European metropolitan areas), Cities Scenario B (for promotion of major European cities are promoted), and Regions Scenario C (for promotion of rural and peripheral regions). High-speed rail was a major component of the Megas Scenario A. The comparison of the model results showed that the scenarios incorporating high-speed rail promoted economic growth but also increased the inequality between European regions and the energy consumption of transport. The conclusion is that promoting medium-speed rail connecting medium-sized cities would better serve the EU goals of equity and sustainability.

About the speaker:

Dr. Michael Wegener is a retired Professor and the former Director of the Institute of Spatial Planning at the Faculty of Spatial Planning of the University of Dortmund, Germany. He is also a partner in Spiekermann and Wegener, Urban and Regional Research (S&W), since 2001. His main research fields are urban and regional development, European urban systems and transport networks. In particular, his research covers the land-use transport interface in cities and regions and the regional impacts of European transport infrastructure. He has contributed to EU research projects on sustainable urban development, such as PROPOLIS (Planning and Research of Policies for Land Use and Transport for Increasing Urban Sustainability), PLUME (Planning and Urban Mobility in Europe).and ET2050 (Territorial Scenarios and Visions for Europe). His latest project was Ruhr Area 2050 (Modelling the Energy Transition in the Ruhr Area).

Dr. Wegener finished his study in Architecture and Urban and Regional Planning at the Technical University of Berlin. He has a rich academic and professional experience that includes working at Battelle Institut (Germany), University of Dortmund (Germany), International Institute for Applied Systems Analysis (Austria) and the University of Tokyo (Japan).

Participants:

Academics, researchers, government policymakers, operators and practitioners in fields of transport planning, urban and regional planning, sustainability and resiliency of infrastructure systems

Output:

- Better knowledge and enhanced capacity in the following:
 - Land Use - Transport Interactions (LUTI) and Spatial development impacts of HSR
 - Modelling of economic, environmental and social equality effects of HSR
- Enhanced dialogue among senior officials and experts from around the globe on key issues related to modeling of various effects of HSR development

Language:

English

Webinar Registration:

https://us02web.zoom.us/webinar/register/WN_rJinGRxQRKu6-xZpUKGZA



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Date: 26th June 2020, Friday

Time	Description
15:45 – 16:00 JST	Login opens and pre-event chat
16:00 – 16:05 JST	Opening Remarks <i>by Chul Ju Kim, Deputy Dean, Asian Development Bank Institute (ADBI), Tokyo, Japan</i>
16: 05 – 16:45 JST	High-Speed Rail and Spatial Scenarios for Europe 2050 <i>by Prof. Michael Wegener, Spiekermann & Wegener Urban and Regional Research (Germany)</i>
16:45 – 17:05 JST	Discussions (TBC) <i>moderated by Chul Ju Kim, Deputy Dean, ADBI, Japan</i> <i>Discussant-1: Prof. Doi Kenji (Osaka University, Japan)</i> <i>Discussant-2: Prof. Hironori Kato (University of Tokyo, Japan)</i>
17:05 – 17:25JST	Open Q & A session
17:20– 17:25JST	Closing Remarks <i>by Prof. Tetsushi Sonobe, Dean and CEO, ADBI, Japan (TBC)</i> <i>KE Seetha Ram, Senior Consulting Specialist, ADBI, Japan</i>
17:25-17:30JST	Wrap up and announcement of next webinar

NOTE

- To participate in the webinar, we request you to download and install [Zoom-US](#).
*IMPORTANT: Participants are required to use the zoom client 5.0+.
- All participants are requested to test and pre-configure the software on your computers.
- To configure your computer's Audio-Video, please see the instructions [here](#).
- During the webinar, participants are requested to be seated in a quiet environment.
- During the webinar, participants are requested to mute their microphones. Participants may unmute their microphones to interact when required.
- For asking any question to the speakers/panellists during the webinar, participants are requested to use [Q&A](#) option.
- If you wish to give any feedback during the webinar, participants are requested to use [chat](#) option during the session.
- For any other queries please email us.