



APPENDIX

Background Paper and Chapter Authors' Workshop for the Global Value Chain Development Report 2023

Global Value Chain Development Report 2023: Resilient and Sustainable GVCs in Turbulent Times

Background Paper Workshop

November 7- 11, 2022

Hybrid conference hosted by WTO, All times in UTC+1 (Central European Time)



IDE-JETRO



Day One: Nov. 7, 2022, Monday

Chairperson: **Victor Stolzenburg**, WTO

Opening remarks

8:30-8:35 **Alexander Keck**, Advisory Committee representative, WTO

8:35-8:45 **Yuqing Xing**, Chair of the Editorial Committee, National Graduate Institute for Policy

Session 1: Measuring GVC participation

8:45-9:15 **Gabriele Suder**, Federation University; Bo Meng, IDE-JETRO; Yuning Gao, Tsinghua University; Jiabai Ye, Hunan University ; Wenyin Cheng, IDE-JETRO

Making Global Value Chains Visible: A Network Analysis Based on Trade in Factor Income

Discussant: **Zhi Wang**, UIBE
Q&A

9:15-9:45 **Jules Hugot**, Reizle Platitas, ADB

Cross-border value chains in developing Asia survive trade tensions and the global pandemic

Discussant: **Simon Neumueller**, WTO
Q&A

9:45-10:15 Miro Frances Capili, Ma. Charmaine Crisostomo, Christian Regie Jabagat, Angelo Jose Lumba, **Mahinthan Joseph Mariasingham**, ADB

Developments in Global Value Chains Amid a Period of Overlapping Crises

Discussant: **Xin Yang**, MD, China International Corporation Q&A
Q&A

- 10:15-10:45 Bo Meng, **Wenyin Cheng**, Kyoji Fukao, IDE-JETRO; Yuning Gao, Tsinghua University; Shang-Jin Wei, Columbia University
Made in the World': Measuring the Productivity of Global Value Chains
Discussant: **Angelo Jose Lumba**, ADB
Q&A
- 10:45-11:00 Break
- 11:00-11:30 **Yuqing Xing**, National Graduate Institute for Policy Studies
Heterogeneity and the domestic value added of PRC's exports
Discussant: **Cai Kun**, UIBE
Q&A
- 11:30-12:00 **Satoshi Inomata**, IDE-JETRO & OECD; Tesshu Hanaka, Kyushu University
A Risk Analysis on the Network Concentration of Global Supply Chains
Discussant: **Victor Stolzenburg**, WTO
Q&A
- 12:00-12:30 **Socrates Majune**, Victor Stolzenburg, WTO
Mapping potential supply chain bottlenecks
Discussant: **Satoshi Inomata**, IDE-JETRO & OECD
Q&A

-----End of Day One-----

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Day Two: Nov. 8, 2022, Tuesday

Chairperson: **Yuqing Xing**, National Graduate Institute for Policy Studies

Session 2: GVCs and Climate Change I

8:30-9:00 **Roberta Rabellotti**, University of Pavia; Elisabetta Gentile, ADB; Rasmus Lema, UNU-MERIT; Dalila Ribaud, Aston Business School

The greening of GVCs: a conceptual framework for policy implications

Discussant: **Karsten Steinfatt**, WTO
Q&A

9:00-9:30 Roberta Rabellotti, University of Pavia; Elisabetta Gentile, ADB; **Rasmus Lema**, UNU-MERIT

Green GVCs: are there upgrading opportunities for developing countries?

Discussant: **Rainer Lanz**, WTO
Q&A

9:30-10:00 **Ali Absar**, José-Antonio Monteiro, Ankai Xu, WTO

Global Value Chain resilience in a warming world

Discussant: **Elisabetta Gentile**, ADB
Q&A

10:00-10:15 Break

Session 3: GVCs, Geopolitics and Pandemics I

10:15-10:45 Areef Suleman, **Mustafa Yagci**, IsDB

The Governance of Global Value Chains: The Rising Role of the State

Discussant: **Etel Solingen**, University of California Irvine
Q&A

10:45-11:15 **Yuning Gao**, Tao Zhang, Jiabai Ye, Tsinghua University; Bo Meng, IDE-JETRO

The Impact of COVID-19 Pandemic on Global Value Chains: Considering Firm Ownership and Digital Gap

Discussant: **Kathryn Lundquist**, WTO
Q&A

- 11:15- 11:45 **Yves Renouf**, WTO
The legal impact of geopolitics and geoeconomics on GVCs
Discussant: **Gabrielle Marceau**, WTO
Q&A
- 11:45- 12:15 **Shaopeng Huang**, University of International Business and Economics
The Rise of Techno-nationalism and its Impacts on the Semiconductor GVC
Discussant: **Mahinthan Joseph Mariasingham**, ADB
Q&A
- 12:15- 12:45 **Henry W. Yeung**, National University of Singapore
Explaining geographic shifts of chip making toward East Asia and market dynamics in semiconductor global production networks
Discussant: **Roberta Piermartini**, WTO
Q&A

-----End of Day Two-----

Day Three: Nov. 9, 2022, Wednesday

Chairperson: **Etel Solingen**, University of California Irvine

Session 4: GVCs and Trade Policy

8:30-9:00 **Enxhi Tresa**, WTO

Spillover Effect of Tariffs in Global Value Chains

Discussant: **Yuning Gao**, Tsinghua University
Q&A

9:00-9:30 **Cai Kun**, University of International Business and Economics

Local Content Requirement Policies in the PRC and Their Impacts on Domestic Value-Added in Exports

Discussant: **Nguyen T. Xuan**, Deakin University
Q&A

Session 5: GVCs and Climate Change II

9:30-10:00 **Haoqi Qian**, Fudan University; Bo Meng, IDE-JETRO

How Will the EU's Carbon Border Adjustment Tax Redefine Global Value Chains? Considering Firm Heterogeneity and Trade in Factor- Income

Discussant: **Eddy Bekkers**, WTO
Q&A

10:00-10:15 Break

10:15-10:45 **Angella Faith Montfaucon**, World Bank; Socrates Majune, WTO; Natnael Simachew Nigatu, World Bank

Greening Trade through Global Value Chains in Africa

Discussant: **Jules Hugot**, ADB
Q&A

10:45-11:15 Yue Lu, University of International Business and Economics; **Jinjun Xue**, Nagoya University; Bin Su, National University of Singapore; Haotian Zhang, Tsinghua University

Firm's position in global value chains and its impact on pollutant emissions: evidence from PRC's manufacturing firms

Discussant: **Ankai Xu**, WTO
Q&A

11:15- 11:45 **Meng Li**, Shanghai Jiao Tong University; Bo Meng, IDE-JETRO; Yuning Gao, Tsinghua University; Zhi Wang, George Mason University; Yaxiong Zhang, National Development and Reform Commission; Yongping Sun, Hubei University

Tracing CO₂ Emissions in Global Value Chains: Multinationals vs. Domestically-owned Firms

Discussant: **Enxhi Tresa**, WTO
Q&A

11:45- 12:15 **Ran Wang**, University of International Business and Economics

The Carbon emission of multinational enterprises in the global value chains: new insights on the trade-investment nexus

Discussant: **Bo Meng**, IDE-JETRO
Q&A

-----End of Day Three-----

Day Four: Nov. 10, 2022, Thursday

Chairperson: **Mahinthan Joseph Mariasingham**, ADB

Session 6: GVCs , Geopolitics and Pandemics II

8:30-9:00 Christina Georgieva, Kyoto University
The US-PRC trade war and its impacts on the supply chains of the American Auto Industry

Discussant: **Zhongzhong Hu**, UIBE
Q&A

9:00-9:30 **Jingshu Liang**, Jiantuo Yu, China Development Research Foundation
Geopolitical conflicts, Technological Decoupling: Implications for GVC Participation

Discussant: **Shaopeng Huang**, UIBE
Q&A

9:30-10:00 **Etel Solingen**, University of California Irvine; Linde Götz, Leibniz Institute of Agricultural Development in Transition Economies

Snarled in the Gray Zone: GVCs in the Emerging Geopolitical Context

Discussant: **John Hancock**, WTO
Q&A

10:00-10:30 Areef Suleman, **Mustafa Yagci**, IsDB

The Impact of Sanctions on Global Value Chains

Discussant: **Cosimo Beverelli**, WTO
Q&A

10:30-10:45 Break

Session 7: Inclusive GVCs

10:45-11:15 **Socrates Majune**, WTO; Angella Faith Montfaucon, Natnael Simachew Nigatu, World Bank

A Macro and Micro Analysis of Value Chain Trade in Africa

Discussant: **Sifan Jiang**, China International Capital Corporation
Q&A

- 11:15- 11:45 **Kathryn Lundquist**, WTO
MNC Supplier Transparency: A Review of MSME and Developing Economy Participation in GVCs
Discussant: **Federica Maggi**, WTO
Q&A
- 11:45- 12:15 Marcelo Olarreaga, University of Geneva; **Cristian Ugarte**, WTO
Child Labour and Global Value Chains
Discussant: **Yuan Zi**, Graduate Institute Geneva
Q&A
- 12:15- 12:45 **Jiantuo Yu**, Xiuna Yang, Lu Wang, Xiaolong Xu, China Development Research Foundation
Global Value Chain Participation and Income Inequality
Discussant: **Meichen Zhang**, UIBE
Q&A

-----End of Day Four-----

Day Five: Nov. 11, 2022, Wednesday

Chairperson: **Victor Stolzenburg**, WTO

Session 8: GVCs and Climate Change III

8:30–9:00 **Eddy Bekkers**, Jeanne Métivier, Enxhi Tresa, WTO

The impact of intermediates trade on emissions through diffusion of ideas

Discussant: **Angella Faith Montfaucon**, World Bank
Q&A

9:00–9:30 Shawn Tan, **Mara Tayag**, Kevin Quizon, ADB

Asia's Exposure and Vulnerability to European Union's Carbon Border Adjustment Mechanism

Discussant: **José-Antonio Monteiro**, WTO
Q&A

9:30–10:00 **Bo Meng**, IDE–JETRO; Yu Liu, Chinese Academy of Sciences; Yuning Gao, Tsinghua University; Meng Li, Shanghai Jiao Tong University; Zhi Wang, George Mason University; Jinjun Xue, Nagoya University; Robbie Andrew, Center for International Climate Research; Kuishuang Feng, University of Maryland; Yongping Sun, Hubei University

Self- and Shared Responsibilities of CO2 Emissions along Global Value Chains

Discussant: **Marc Bacchetta**, WTO
Q&A

10:00–10:30 **Rolando Avendano**, ADB; **John Poquiz**, King's College London; Shawn Tan, ADB

Impact of environmental regulations on carbon intensive FDI in developing Asia

Discussant: **Ran Wang**, UIBE
Q&A

10:30–10:45 Break

Session 9: GVCs, Geopolitics and Pandemics III

10:45– 11:15 **Massimiliano Cali**, Devaki Ghose, Angella Faith Montfaucon, World Bank; Michele Ruta, IMF

Trade Policy and Exporters' Resilience: Evidence from Indonesia

Discussant: **Socrates Majune**, WTO
Q&A

11:15- 11:45 Devaki Ghose, **Angella Faith Montfaucon**, World Bank
Covid-19, Firms in Global Value Chains and Non-Tariff Measures

Discussant: **Stela Rubínová**, WTO
Q&A

11:45- 12:15 **Xue Jinjun**, Nagoya University; Yuqing Xing, National Graduate Institute for Policy Studies and University of International Business and Economics; Yuyi Deng, University of International Business and Economics

The Impact of Russian-Ukrainian War on Energy Supply Chains and Geopolitics

Discussant: **Yue Lu**, UIBE
Q&A

Closing Remarks:

12:15- 12:25 **Albert S. Park**, Chief Economist and Advisory Committee representative, ADB

12:25- 12:30 **Victor Stolzenburg**, WTO

Global Value Chain Development Report 2023: Resilient and Sustainable GVCs in Turbulent Times

Chapter Authors' Workshop Agenda (Tokyo Time, hybrid-type)

June 5- 6, 2023

IDE-JETRO (#C21 meeting room, second floor), Chiba, Japan



IDE-JETRO



5 June, 2023 (Mon.)

Registration: 09:15-09:40 (C21 meeting room)

Opening remarks

Chairperson: **Bo Meng**, IDE-JETRO

09:45-09:50 Kyoji Fukao, President, IDE-JETRO

09:50-09:55 Albert Park, Chief Economist, ADB (virtual) (8:50 AM, Manila)

09:55-10:00 Yuqing Xing, Chair of the Editorial Committee, Professor of GRIPS

Session 1: Geopolitics and future trajectory of GVCs (Chapter 3)

Chairperson: **Ran Wang**, UIBE

10:00-10:30 Presenter: Jinjun Xue, Nagoya University

10:30-10:45 Discussant: Michele Ruta, IMF (virtual) (4 June, 9:30 PM, Washington DC)

10:45-11:00 Discussant: Etel Solingen, University of California at Irvine

11:00-11:15 Q&A

Coffee break

11:15-11:30

Session 2: GVCs and inclusive development (Chapter 7)

Chairperson: **Shaopeng Huang**, UIBE

11:30-12:00 Presenter: Victor Stolzenburg, WTO

12:00-12:15 Discussant: Aya Okada (virtual), Nagoya University

12:15-12:30 Discussant: Mari Tanaka, Hitotsubashi University

12:30-12:45 Discussant: Jiantuo Yu, CDRF

12:45-13:00 Q&A

Lunch break (C23, C24 meeting rooms)

13:00-14:30

Session 3: GVC Trends and geographic concentration (Chapter 1)

Chairperson: **Victor Stolzenburg**, WTO

14:30-15:00 Presenter: Mahinthan J. Mariasingham, ADB

15:00-15:15 Discussant: Daria Taglioni, World Bank

15:15-15:30 Discussant: Sébastien Miroudot, OECD (virtual) (8:15 AM, Paris)

15:30-15:45 Q&A

Coffee break

15:45-16:00

Session 4: From fables to facts everywhere? (Chapter 4)
Chairperson: **Etel Solingen**, University of California at Irvine
 16:00-16:30 Presenter: Shaopeng Huang, UIBE
 16:30-16:45 Discussant: Seamus Grimes, National University of Ireland (virtual) (8:30 AM, Ireland)
 16:45-17:00 Discussant: Chan-Yuan Wong, National Tsing Hua University
 17:00-17:15 Discussant: Xiaopeng Yin, UIBE
 17:15-17:30 Q&A

Reception

18:00-19:30 at IDE Cafeteria (first floor) (Group photo)

6 June, 2023 (Tues.)

Registration 10:00-10:15 (C21 meeting room)

Session 5: Tracing carbon dioxide emissions along GVCs (Chapter 5)

Chairperson: **Mahinthan. J. Mariasingham**, ADB
 10:15-10:45 Presenter: Bo Meng (IDE-JETRO) and Ran Wang (UIBE)
 10:45-11:00 Discussant: Joaquim J.M. Guilhoto, IMF (virtual) (5 June, 9:45 PM Washington DC)
 11:00-11:15 Discussant: Jong Woo Kang, ADB (virtual) (10:00 AM, Manila)
 11:15-11:30 Q&A

Coffee break

11:30-11:45

Session 6: Assessing impacts of the trade-war and COVID-19 on GVCs (Chapter 2)

Chairperson: **Elisabetta Gentile**, ADB
 11:45-12:15 Presenter: Yuning Gao, Tsinghua University
 12:15-12:30 Discussant: Jules Hugot ADB
 12:30-12:45 Discussant: Angella Faith Montfaucon, World Bank
 12:45-13:00 Discussant: Satoshi Inomata, IDE-JERO and OECD
 13:00-13:15 Q&A

Lunch break (C23, C24 meeting rooms)

13:15-14:30

Session 7: Greening GVCs (Chapter 6)

Chairperson: **Jinjun Xue**, Nagoya University
 14:30-15:00 Presenter: Elisabetta Gentile, ADB
 15:00-15:15 Discussant: Ran Wang, UIBE
 15:15-15:30 Discussant: Rainer Lanz, WTO (virtual) (8:15 AM, Geneva)
 15:30-15:45 Q&A

Closing Remarks:

Chairperson: **Yuqing Xing**, Chair of the Editorial Committee, Professor of GRIPS 15:45-15:50
 Ralph Ossa, Chief Economist, WTO (virtual) (8:45 AM, Geneva)
 15:50-15:55 Xiaopeng Yin, Dean of the RCGVC, UIBE
 15:55-16:00 Bo Meng, IDE-JETRO

GLOBAL VALUE CHAIN DEVELOPMENT REPORT 2023
RESILIENT AND SUSTAINABLE GVCS IN TURBULENT TIMES

The Global Value Chain Development Report 2023, the fourth in this biennial series, is released at a critical juncture in the evolution of Global Value Chains (GVCs). In response to the diverse shocks of recent years, this report explores approaches to build resilient and sustainable GVCs. It provides an overview of the most recent trends in GVCs, assesses the effects of the trade tensions and the COVID-19 pandemic on GVCs, and illustrates particular changes of energy and semiconductor supply chains. It also analyzes the challenges of climate change to GVCs and proposes a framework of greening value chains and policy options for enhancing inclusive development through GVC participation.

