

# Outline of the Handbook

- ⇒ The Handbook will be divided into five parts plus a research agenda. The first part documents the policy, business and statistical motivation of the GVC approach for measuring trade and globalization. It will show the growth in GVCs, their impact on the relevance and quality of economic statistics (i.e. value added share in trade, double counting, asymmetries), and the need for a good understanding of multi-country production processes of specific GVCs for better decision making from a national perspective.
- ⇒ The second part will present the general statistical framework of the extended national accounts and integrated business and trade statistics. It will provide details and explanations about the GVC-specific multi-partner SUTs and the extended regional and global SUTs; the OECD-WTO Trade in Value Added (TiVA); extended productivity framework using the KLEMS model; extended environmental-economic accounts of the System of Environmental-Economic Accounts (SEEA); and extended capital and financial accounts. This part also describes the conceptual issues around global multi-national enterprise (MNE) statistics, since these enterprises are the leading actors of globalization, and it closes with a chapter that discusses special topics, including those remaining from the research agenda of the UNECE Guide to Global Production.
- ⇒ The third part of the Handbook will deepen the understanding of GVCs, as the central theme of this Handbook. It will describe the GVC approach, the granularity of product and industry classifications of SUTs and sequence of accounts needed to address firm heterogeneity and the integration of GVC accounts in regional and global accounts, and the firm-level and micro-level data needed to compile a GVC. This part will also illustrate the application of the GVC model through a number of multi-country case studies for selected GVC industries.
- ⇒ Part four will deal with the framework of integrated business, trade and investment statistics for GVC specific industry accounts, which describes a firm based approach for GVCs. By implication, an extension of business registers for large corporate firms is proposed with additional breakdowns for the characteristics of these GVC related firms, such as for size (in terms of income, employment or capital), trade intensity, ownerships through foreign direct investment, and international sourcing of business functions. Attention will be given to the harmonization of MNE and foreign affiliate statistics especially among countries which partner in economically important GVCs by developing databases for these “large cases” units. This part further discusses methods that can improve the quality of core business statistics, among others, by linking the trade of goods and the trade in services for specific GVC industries through off shoring of production of goods and services, and by resolving bilateral asymmetries in merchandise trade, trade in services and foreign direct investment through the trade analysis of consolidated product codes and investment relationships for specific GVC industries.

⇒ The final part of the Handbook will describe the applications of the measurement framework and its various extensions in terms of deriving estimates for value-added, jobs, use of capital, use of natural resources and more. It will also describe the public policies that will be supported by the extended accounts and integrated business statistics. Policy uses that will be discussed include policies in the areas of trade and development, taxes, monetary and financial stability, labor markets, and the environment.

⇒ The currently proposed detailed outline of the Handbook is then as follows:

#### Part I

Chapter 1: Introduction – Policy, Business and Statistical Motivation to account for Global Value Chains

#### Part II

Chapter 2: Overview of the general statistical framework  
Chapter 3: Extended Supply and Use Tables, including applications  
Chapter 4: Extended Productivity (KLEMS) Accounts  
Chapter 5: Extended Environmental-Economic Accounts  
Chapter 6: Extended Capital and Financial Accounts  
Chapter 7: Conceptual issues of Global enterprise perspective  
Chapter 8: Special Accounting Topics

#### Part III

Chapter 9: Global Value Chain Satellite Account  
Chapter 10: GVC Industry Modules and their Application

#### Part IV

Chapter 11: Firm heterogeneity related to globalisation  
Chapter 12: Bilateral asymmetries, Global Groups Register and the exchange of information

#### Part V

Chapter 13: Public policy use of the Extended Accounts  
Chapter 14: Research Agenda