

A collaborative effort of  
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**Emerging issues and challenges**  
*the way ahead*

# Trade in the 21<sup>st</sup> Century

## *New challenges for Trade and (inter)National Accounts Statistics*

- **FIRMS ARE BECOMING INCREASINGLY GLOBAL WHILE INTERNATIONAL TRADE HAS AN INCREASING IMPACT A LOCAL LEVEL**
  - From International to Global Statistics
  - From Balance of Payments and Custom Statistics to firm-level and socio-economic data
- **WHAT SHOULD BE COUNTED?**
  - The “trade-investment” nexus: FDI and Ownership
  - Trade and Income Flow: wages, profit, taxes
  - Satellite accounts: socio-economic data, environment accounts
  - The territorial dimension: “Trade and the City”
- **HOW TO MAP AND MEASURE?**
  - New Ways of Milking the Old Trade Statistics Cow
  - Measuring Trade in Value Added
  - Linking Trade and Business Statistics
- **CONCLUSION**

*Searching for an integrating framework at the UN Statistical Conference (and elsewhere...)*

# Measuring internationalization and globalization

## UN-Statistical Conference Friend of the Chair Report, 2015

| SCOPE  | STATISTICAL DIMENSION   | Existing and new aggregate statistics   | Existing and new micro data based statistics and analysis (record linkages); confidentiality at NSOs   |
|--|---|---|--|
| Existing core statistics and developments                  | <i>Domestic and cross-border (National Statistical System)</i>  | Core national and international accounts, <b>trade and related business statistics</b> — Development and implementation of core international manuals, such as <b>measurement of global production</b>  | Micro based estimates of domestic and cross-border processing in manufacturing   |
| Enhancements to core statistics                            | <i>Domestic and cross-border (National Statistical Systems)</i> | Enhanced country bilateral data confrontation; implementation of <b>modes of supply for trade in services</b> ;<br>Additional details in <b>Supply Use Tables</b> , trade and FDI; satellite accounts ( <b>KLEM</b> --employment, capital stock, environment) | Micro based estimates of value added, trade and investment, assets, etc.   |
| Internationalization extensions                            | <i>Domestic and cross-border (National Statistical System)</i>  | Country measures of <b>Trade in Value Added</b> ; Foreign ownership statistics; <b>Outward FATS</b> — employment sales, trade, control, etc.); MNE statistics; <b>Details on mergers and acquisitions</b>   | Inward/outward FATS and MNE statistics – Firm heterogeneity (export-intensities, firm size, productivity); international trade-investment-business statistics; Business Functions in- and outsourcing; |
| Globalization extensions — summation of country activities | <i>Beyond cross-border (International Statistical System)</i>   | Trade flows symmetry, <b>Harmonized and Global supply-use tables</b> ; <b>OECD-WTO TiVA</b> ; Aggregate tables built from country <b>micro-data studies</b> ; Globally-consolidated MNEs – activities, financial statements and risk exposures                |  |
| Globalization extensions                                   | <i>Beyond cross-border (International Statistical System)</i>   | <b>Aggregate global value chains analysis</b> by researchers; <b>Big Data</b> (e-commerce, digital flows,...)   | Micro data based global value chains analysis by researchers   |