Evidence based policy support in Global Value Chains

Experts Meeting EU Facility Joint Response to COVID-19

*Fostering sustainable development models in LAC countries*

*Webinar: “Regional Integration is key for Economic recovery”*

Santiago de Chile, 6 July 2021

Prof. Dr. José M. Rueda-Cantuche
Main features

- **Calendar**
  - 5-yearly inter-country SUP and USE tables
  - Annual inter-country IO tables (pxp & ixi)
  - Time series: 2010-2019
  - Next release: May 2022 -> 2010-2020

- **Country coverage:**
  - 2010-2017: EU countries, United States and UK (64 industries/products); G20, Norway and Switzerland, RoW (30 ind/prd)
  - 2018-2019: 21/17 industries/products, analogously

- **Continued** up to 2023: PYP, ESUTs, N/SAMs, and GVC indicators
Source: Ferrero, Sourcemap and various on-line sources.
Trade in Value Added / Value Added in Trade

Factor in Trade (XiT)

Trade in Factor (TiX)
Components of Factor content of trade

Gross exports

Final exports
  - Domestic value added
    - DVA fin
    - DDC fin
  - Foreign value added
    - FVA fin
    - FDC fin

Intermediate exports
  - Domestic value added
    - DVA int
    - DDC int
  - Foreign value added
    - FVA int
    - FDC int
Trade-SCAN: What is it for?

Factor in Trade (XiT)
- Value Added in Trade (VAiT): Exports Decomposition
- Employment in Trade: Trade & Jobs
- Emissions in Trade: Emissions balance
- FIGARO, OECD, WIOD, EXIOBASE

Trade in Factor (TiX)
- Trade in Value Added (TiVA)
- Trade in Employment: Impact of Expenditure in Employment
- Environmental Footprints: Consumer responsibility
- FIGARO, OECD, WIOD, EXIOBASE
Methodology

Developed by JRC with international experts

Refines previous approaches

Gross bilateral trade in value added terms
Select Countries and Products
Domestic value added content shares of gross exports to EU

Source: Eurostat’s FIGARO tables
Some concluding remarks towards the recovery

- Relevance of good trade, economic national and regional statistics.

- Relevance of new demands for information on global production networks, such as goods sent abroad for processing and merchanting.

- Importance of good analysts and experts in Input-Output Analysis and Input-Output Modelling -> Universities, Masters, specific trainings, IIOA.

- From macro to micro-economic analyses of GVCs: merchandise trade, re-exports, GVC accounting (UNSD Handbook), ESUTs (heterogeneity).

- Regional GVC experience in the European Commission (Rhomolo input-output model)
¡¡Muchas gracias por su atención!!

Experts Meeting EU Facility Joint Response to COVID-19
Fostering sustainable development models in LAC countries
Webinar: “Regional Integration is key for Economic recovery”

Santiago de Chile, 6 July 2021
Prof. Dr. José M. Rueda-Cantuche