

ADB-ESCAP JOINT WORKSHOP
Research, Tools and Data for Evidence-Based Trade Policymaking
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Global Value Chains: Concepts, Main Drivers and Measures

Session I



Outline

- ▶ Introducing concepts and definitions
- ▶ Measurement
- ▶ Trade in value added (TiVA) [Marko Javorsek]



Introduction

► <https://globalvaluechains.org/concept-tools>

- ✓ We live in a world of increasing **international fragmentation of production**
- ✓ Unprecedented rise of trade in **intermediates** as firms specialize in stages (**tasks**) of production and not products
- ✓ **Gross trade** flows increasingly include **components** (and so **value**) created elsewhere
- ✓ A value chain defined as “the full range of activities that firms and workers do to bring a product from its conception to its end use and beyond”. This includes activities such as design, production, marketing, distribution and support to the final consumer. The activities can be contained within **a single firm** or divided **among different firms**. Value chain activities can produce **goods or services**, and can be contained within a single geographical location or **spread over wider areas** and often seen as “**global value chains**”



An example

- 299\$
 - 75\$ **profit** to US (xxx)
 - 73\$ **whls/retail** US (xxx)
 - 75\$ to Japan (xxx)
 - 60\$ 400 parts from Asia
 - 15\$ 16 parts from the US
 - 2\$ assembly by China

What is the product?



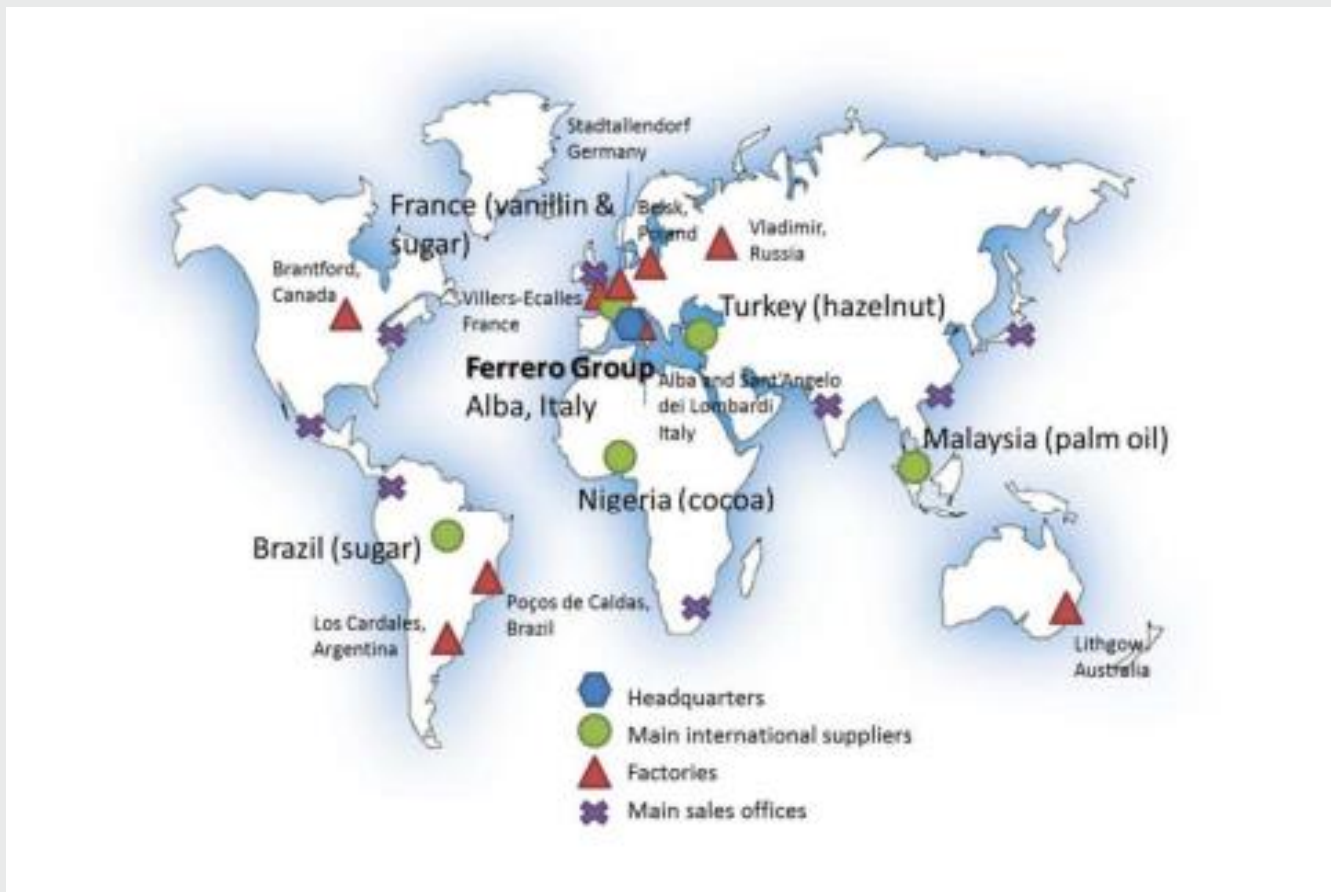


But still not so simple as small differences in nomenclature

- **International Production Networks:** emphasis on horizontal dimension
 - Coordination of international production across borders
- **Global Supply Chain:** emphasis on the private sector perspective
 - Technical characteristics in the establishment and operation of international production
- **Global Value Chain:** emphasis on welfare gains
 - Rules and strategies for maximizing welfare gains from participation in international production



Examples

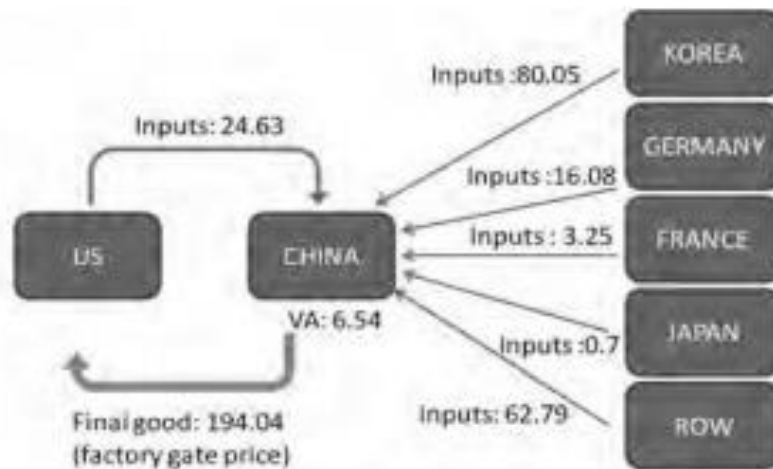


Nutella

Source: Soo Yeon Kim



Examples



US trade balance with	CHINA	KOREA	GERMANY	FRANCE	JAPAN	ROW	WORLD
Gross	-169.41	0	0	0	0	0	-169.41
Value added	-6.54	-80.05	-16.08	-3.25	-0.7	-62.79	-169.41

Figure 2 US bilateral trade balance with China for one unit of iPhone4 (US\$).
Source: OECD (2011: 40).

iPhone



Examples

ASEAN Hair Care Supply Chain (AIR 2013)



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_3877

