

Regional Workshop on International Merchandise Trade Statistics

Strengthening Data Compilation and Analytical Capacity

11-13 September, 2017

Suzhou, China

Agenda item 3: Purpose and context



Workshop on IMTS
Suzhou, 11-13 Sep 2017

United Nations
Statistics Division



Purpose and Context

The main objectives of the workshop are:

- to address questions regarding **methodology** and **challenges in data compilation** of IMTS
- to **exchange country experiences** with issues such as data acquisition (service agreements), data compilation strategies, data dissemination, etc.
- to discuss **cooperation issues** among institutions providing, compiling and using trade statistics
- to understand linkages between **IMTS and balance of payments statistics** and MSITS.





PART I. FUNDAMENTAL CONCEPTS AND DEFINITIONS

Round Table discussion I

New data elements of IMTS 2010

PART II. DATA PROCESSING SYSTEM

PART III. DATA QUALITY AND SPECIFIC MEASUREMENT ISSUES

Round Table discussion III

Data quality framework and indicators of quality

Round Table discussion IV

Needs and challenges in compiling data

PART IV. MEASURING INTERNATIONAL TRADE AND ECONOMIC GLOBALIZATION

PART V. DATA ANALYSIS AND VISUALIZATION

Round Table discussion V

Needs and challenges in analysing data

Context: Firms are trading

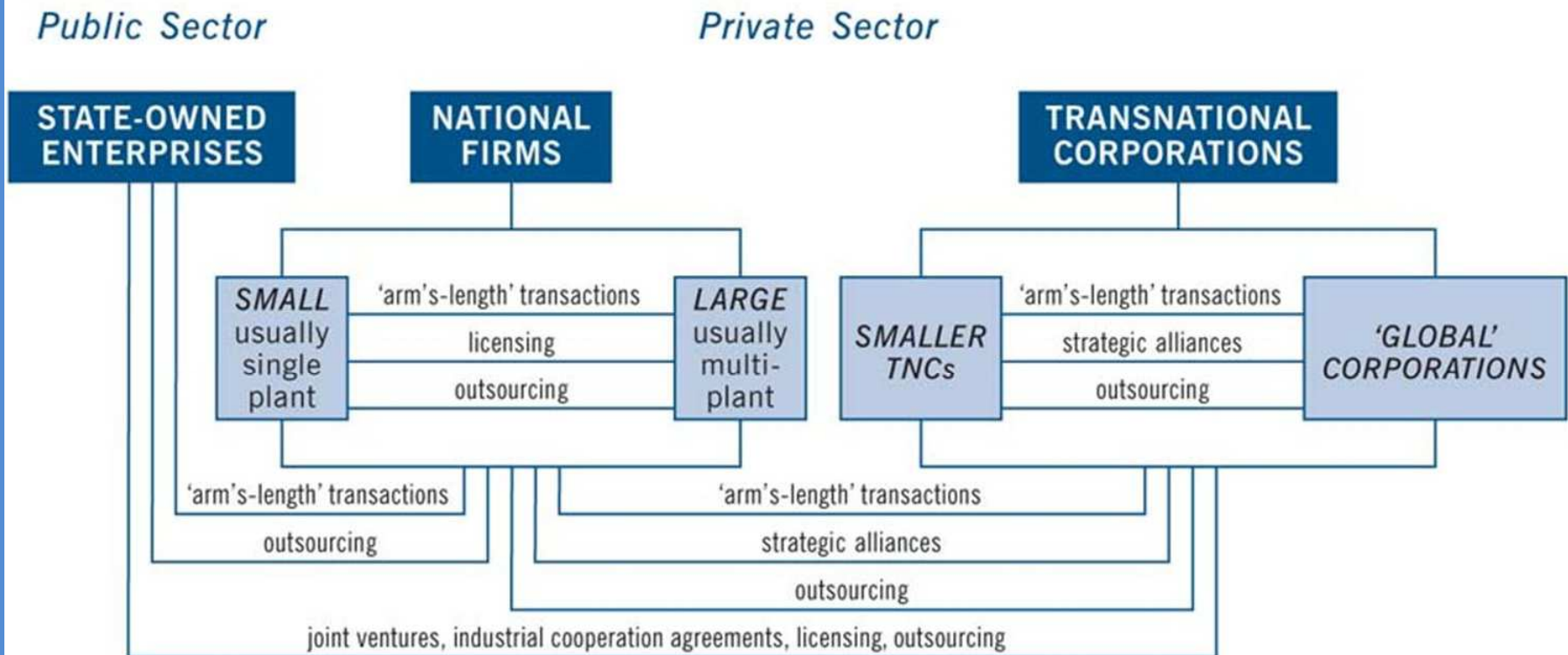


Figure 3.5 Types of firms in an economy



- **Trade data (exports)**

- Year / Month
- Customs office
- Commodity code
- Product Description
- Country of origin
- Country of destination
- Customs Procedure
- Transportation mode
- FOB Value
- Net Weight
- Gross Weight
- Legal Unit of exporter

- **Business Register**

- Location
- Number of employees
- Main activity description
- Main activity ISIC Rev.4 code
- Start of operations (year)
- Production Costs



Trade by Enterprise Analysis

- **Profile of Exported Products**
 - Major export companies and destinations, by value
 - Concentration of exports
 - Degree of diversification of destinations
 - Share in exports
 - totals
 - by destination
 - Value of exports
 - total
 - By size category exporters
 - By category of "age" of exporting companies
 - Exports / Total Production

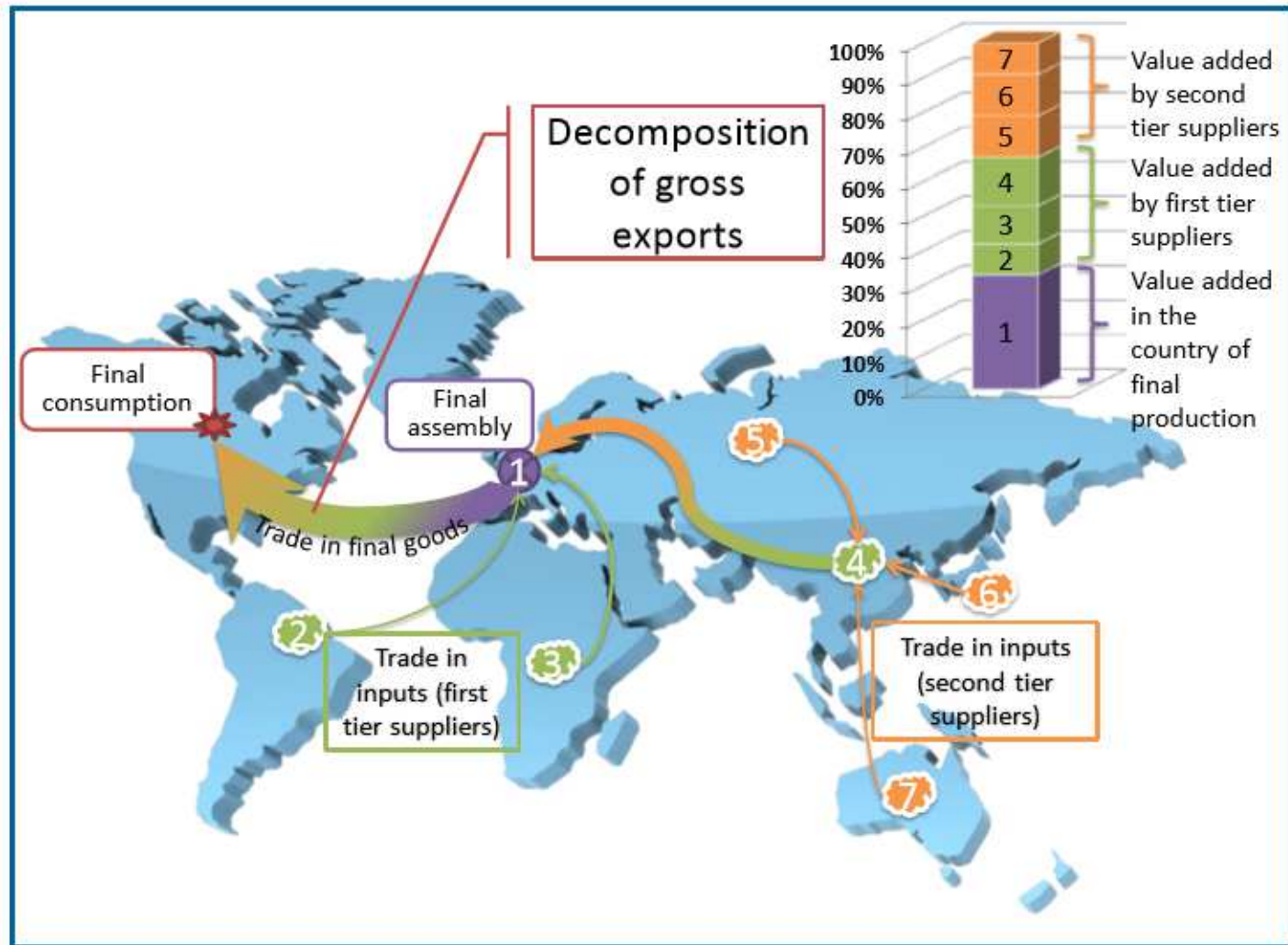


Trade by Enterprise Analysis

- **Profile of Exporting Enterprises**

- Major products and destinations, worth
- Degree of diversification of products and destinations
- Share in exports
 - by product
 - by destination
- Total value of exports
- Frequency of export activity
- Size (number of employees)
- Time from start of operations ("age" of the company)
- Exports / Number of employees
- Export / Total Sales

Context: Commodities matter



Morocco in the automotive GVC

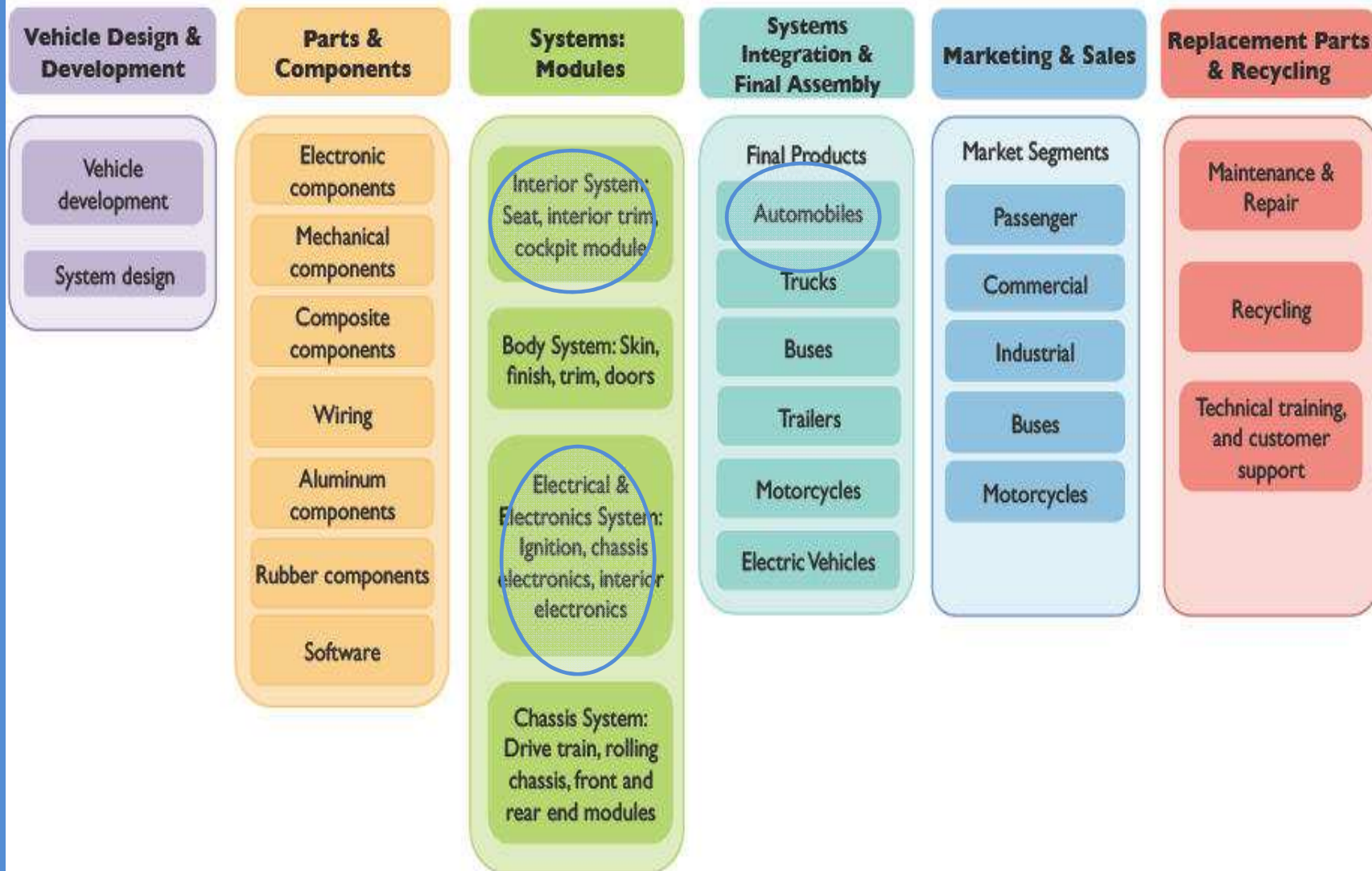


Table 2: Motor Vehicle HS Codes

VC Stage/ Subassembly	HS Codes (2002)	HS Code Descriptions	VC Sector	Mfg.
Final Products				
Passenger vehicles	870321 870322 870323 870324 870331 870332 870333	870321, 870322, 870323, 870324: Other vehicles, with spark-ignition internal combustion reciprocating piston engine <1000cc, 1000 – 1500cc, 1500 – 3000cc, > 3000cc 87033: Other vehicles, with compression-ignition internal combustion piston engine (diesel or semi-diesel) <1500cc, 1500 - 2500cc, >2500cc	–	Lead Firms
Subassemblies				
Body system	870600	8706: Chassis fitted with engines, for the motor vehicles of headings 87.01-87.05	Chassis	Lead Firms
Drive train	840733 840734 840820	Reciprocating piston engines used for the propulsion of vehicles of Chapter 87; of a cylinder capacity: > 250 cc ≤ 1,000 cc > 1,000 cc Compression-ignition internal combustion piston engines (diesel or semi-diesel engines); of a kind used for the propulsion of vehicles of Chapter 87	Engine	
Components/Parts				
Body system (suspension)	401110 401211 870831 ⁺ 870839 ⁺ 870870	401110: New pneumatic tires, of rubber; of a kind used on motor cars 401211: Retreaded tires; of a kind used on motor cars (including station wagons and racing cars) 870831: Brakes and servo-brakes and parts thereof; 870839: Brakes and servo-brakes and parts thereof; 870870: Brakes and servo-brakes and parts thereof;	Tires Brakes [^] Wheels Suspension	Suppliers

BEC and GVC Analysis

- BEC categorizes commodities by end use such as
 - **Intermediate goods**
 - **Capital goods**
 - **Final goods**
- **BEC codes are derived from HS codes**

Figure 3. BEC Rev.5, Value Added Chain



Purpose and Context

- Exchange what happens at the international level, especially with “Trade and Globalization”
- Exchange country experiences with issues such as data acquisition (service agreements), data compilation strategies, data dissemination, etc.

