CHAPTER 7

"Conceptual issues of the Global enterprise perspective"

UN Experts Group on International Trade and Economic Globalization Statistics
3nd Meeting on Handbook
Luxemburg 07 June 2017

Dr. Stefano Menghinello
Director of Business Statistics
Italian National Institute for statistics



Context

- THE GLOBAL ENTERPRISE PERSPECTIVE: MOTIVATIONS AND INTERACTION
 WITH THE OTHER CHAPTERS OF THE HANDBOOK
- THE BASIC IDEAS INTRODUCED IN THE CHAPTER
- THE STRUCTURE OF THE CHAPTER
- PROPOSALS TO IMPROVE THE SCOPE AND READABILITY OF THE CHAPTER



Why shell we care about Global enterprises?

- They have limited influence in large countries
- They tend to be sector specific
- They are similar to other companies, they are just bigger

.....but when something strange happens about the data.....they are always there Few companies are responsible for:

- Large asymmetries in international trade
- Poor classification of international flows by country
- Instability in short terms statistics
- Inconsistency across different domains
- Problems about resident non resident economic unit



This is not just because they are big, they behave in a radical different way as compared to domestic companies

.....more knowledge is essential to correcty classify and measure them



A: What do you want?

B: Knowledge

A: How much can you pay for that?

B: I don't know

....loop.....

«Hearts in Atlantis» Stephan King Chapter 7 essentially focuses upon the nature and amount of knowledge needed by official statisticians to properly address globalisation related issues. Key basic issues

- ✓ Specialised knowledge versus broader knowledge on Global Enterprise organisation and behaviour
- ✓ Theoretical knowledge only or knowledge that can be also tested against real business cases
- ✓ Knowledge concentrated in few people or knowledge that is spread across different domains inside NSI



A: What do you want?

B: Knowledge

A: How much can you pay for that? What's about less survey questionnaries?

B: We don't know

A: Do you think there is knowledge there?

B: We dont' know

Study visit at Pfizer Italy

- Global enterprises have the knowledge to explain what they do, why and how. They trust NSI to keep information confidential.
- NSI have problems to interact with them: fragmentation of statistical processes, use of a different language, limited background information about the company.

Legal entity?

Economic activity?

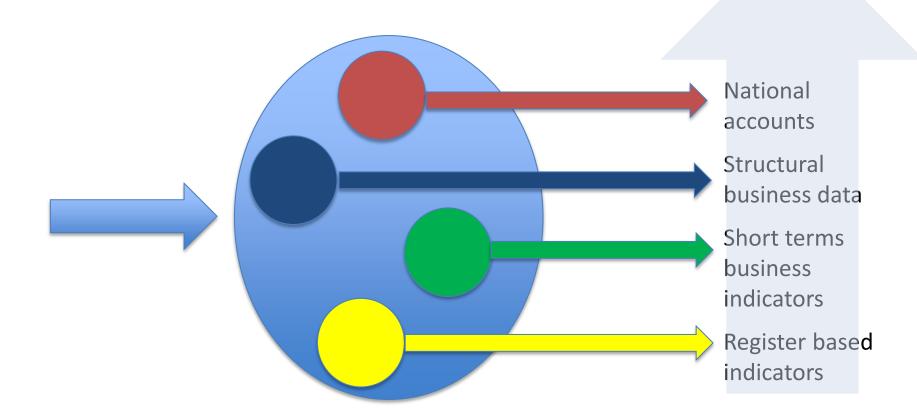


Business functions?



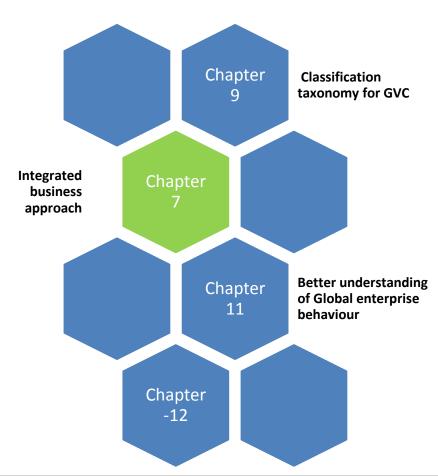
Hard lessons from the data

.....as a result, individual signal from outside can be interpretated and processed in a different way inside NSI....



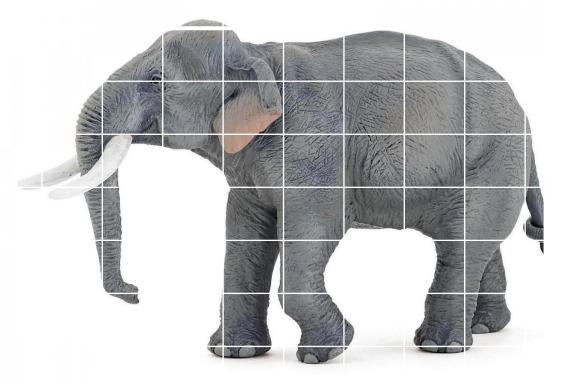








Toward an integrated approach: the Global Enterprise Centered perspective



Chek list:

- ☐ To identify the UBO and the global perimeter of control
- To understand MNE decision processes
- ☐ To develop relevant classifications to understand the organisation of business
- □ To develop routines to manage high frequency business cases (monitoring top companies across domains)



- ✓ Global enterprises are not just multinational enterprises: the role of indepent suppliers in line with GCV theory
- ✓ The GE behaviour is based on a complex decision process with different motivations and time for implementation: industrial strategy (slow) and tax-financial strategies (fast). They often interact
- ✓ The legal structure is not the essential framework to undestand GE organisation: business lines and business process are more important (business process)
- ✓ A depeer understading of International accounting/internal reporting is essential to properly address GE measurent problems
- ✓ A conceptual framework can be used to classify all possible GE operations and restructuring processes



Global enterprises are not just multinational enterprises: the role of indepent suppliers in line with GCV theory

1. A Global Enterprise (GE hereafter) can be defined as a company that designs and operates its business activities by establishing abroad a foreign affiliate and/or by interacting with independent companies that are resident abroad. Business relevant activities include a large portfolio of elements that are indicated in bullets in table 1.

Table 1: Business activities carried out abroad by a Global Enterprise

- **▶** Production lines or tasks of the core business activity
- Business functions supporting core business activity
- Exchange of technology and use of international platform
- Access to global finance and global tax planning



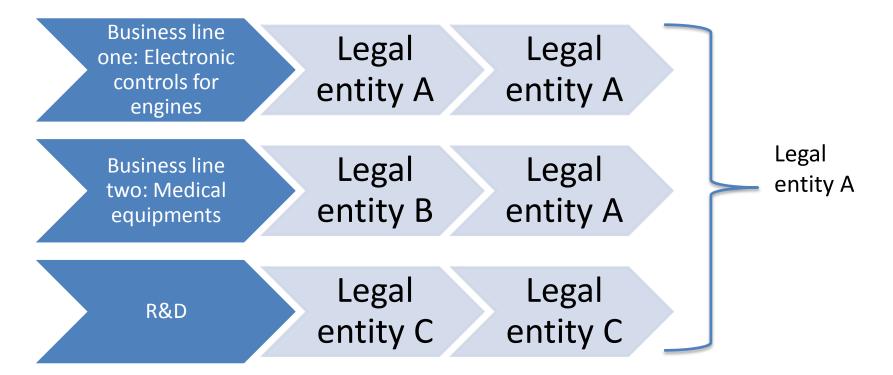
The GE behaviour is based on a complex decision process with different motivations and time for implementation: industrial strategy (slow) and tax-financial strategies (fast). They often interact

Table 2: The basic choices of GE behavior

- **▶** Industrial strategy
 - ✓ Where to locate core business activities and how to make them interact
 - ✓ Where to locate related business functions and how to make them interact
 - √ How to manage technology and other immaterial assets
- Financial and tax planning
 - ✓ Where to locate financial activities and how to coordinate them internationally
 - ✓ Where to locate tax revenues and how to coordinate them internationally.



✓ The legal structure is not the essential framework to undestand GE organisation: business lines and business process are more important (business process)





✓ The legal structure is not the essential framework to undestand GE organisation: business lines and business process are more important (business process)

The divisional model

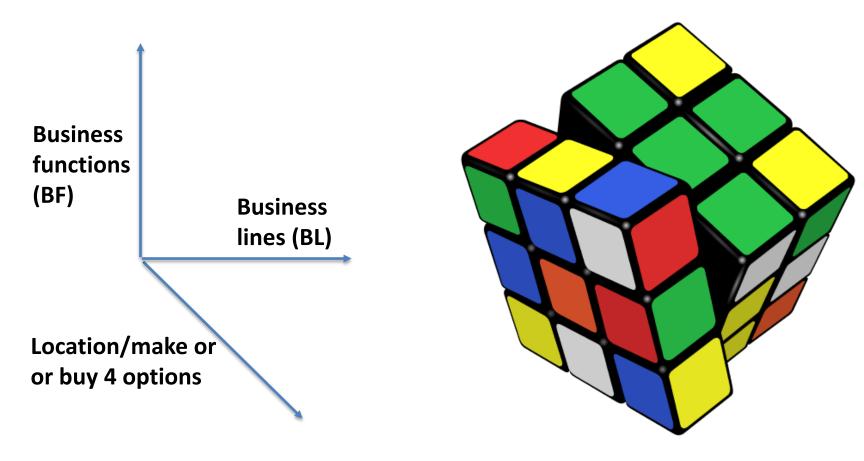
The functional model

The matrix complex model



THE SCOPE OF A GLOBAL ENTERPRISE-CENTRED (GEC) PERSPECTIVE

The basic structure of a Global Enterprise



✓ The legal structure is not the essential framework to undestand GE organisation: business lines and business process are more important (business process)

The **business line** consists in the production of a specific group of goods or services that the GE considers a relevant area for its business. According to the principles of IAS/IFRS, a business line is also characterized by a well defined information systems of costs and revenues, and usually its manager reports directly to the board.

A set of business supporting functions is attached to each business line. They whole together define a **business process**. Different business line can exploit business supporting functions in a different way, but for classification purposes a business process is described by potentially including all supporting business functions.

The possibility that each component of a business process can be carried out internally or externally by the GE, indeed by an affiliate or by an independent supplier, introduces a new dimension in our classification scheme.

The possibility that each component of a business process can be carried out in the country of residence of the GE parent company (ultimate controlling institutional unit/ headquarter) or abroad, either internally and/or externally with respect to GE perimeter of control, adds a further dimension in our classification scheme.



Table 3: The proposed classification and analytical framework

Breakdown of GE activities as a step by step decomposition process

Business line



A conceptual

can be used

to classify

processes

all possible

GE operations

and restructuring

Framework that

→ The business line and its business supporting activities defines a business process

BL	BF1	BF2	BF3	BF4	F	BF6	BF7	BF8	BF9
×		Х		Х			Х	Х	

▶ Each business process can be carried out internally (I) or externally (E) the GE

M	BL	BF1	BF2	BF3	BF4	BF5	BF6	BF7	BF8	BF9
ı	Х		X					X	X	
Е			Х		Х				Х	

▶ Each business process can be located in the resident country (R) or abroad (F)

L	Μ	BL	BF1	BF2	BF3	BF4	BF5	BF6	BF7	BF8	BF9
R	I	X		X					X	X	
R	Е			X		×				X	
F	I	X		X						X	
F	Е			X		X					

This process can be reiterated for each business process (BP) independently from each other

BL	L	M	BL	BF1	BF2	BF3	BF4	BF5	BF6	BF7	BF8	BF9
BP1	R	ı	Х		X					X	Х	
BP1	R	Е			Х		X				Х	
BP1	F	I	Х		Х						Х	
BP1	F	Е			X		X					
BP2	R	ı	X	X	X	X		X	X			X
BP2	R	Е		Х				Х			Х	
BP2	F	ı		X		X		X	X			
BP2	F	Е	Х		×				×		×	

A conceptual
Framework that
can be used
to classify
all possible
GE operations
and restructuring
processes

Why the conceptual model is important:

- It is rooted into the GE «industrial strategy» this means is linked to motivations
- It is backed up by international accouting data: the GE usually have good data to describe it
- It covers all possibilities (most surveys and other classification schemes only cover somes)
- It can be considered by in a statitic and dynamic way: re-offshoring etc....
- It uses the same language that GE adopt



A little example

From the Website of Pfizer Italy

Some interesting information from the website:

Pfizer operates in Italy since 1955, with a turnover of approximately 1 billion 2015 and 3000 employees. Its headquarters are in Rome, where, in addition to government offices, a business unit at European level. International offices are in Milan of pharmacovigilance and regulatory strategy, a research group in Oncology clinical development at the global **level**; Besides the Consumer Healthcare Division In these structures, we have four production facilities in Liscate (Milan), Ascoli Piceno, Aprilia (Latina) and Catania, with significant export volumes worldwide.





The structure of the chapter

Table of Contents

- I. The Global Enterprise perspective
- A. The nature of the Global Enterprise and the determinants of its behavior
- B. The organization of a Global Enterprise and the measurement of economic variables
- II. The impact of Global Enterprise across different statistical domains
- A. Short terms statistics
- B. Structural business statistics
- C. National accounts
- III. A proposed classification and analytical framework
- A. The classification of business activities and related business functions
- B. Some solutions adopted by countries to improve the consistency of the data

