

INTERNATIONAL TECHNOLOGY TRANSFER: INTERPRETATION AND REFLECTIONS.

**The Brazilian case in the last decade of the 20th
century and the dawn of the 21st century.**

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Historical observations

ITT is not a new phenomenon.

It allows reducing the technological gap by implementing in the internal production process technologies produced outside national borders.

There are many different channels used to transfer technology and they differ accordingly to the development 'degree' of importing country and to the technological paradigm

Analysis in 3 Technological Paradigms

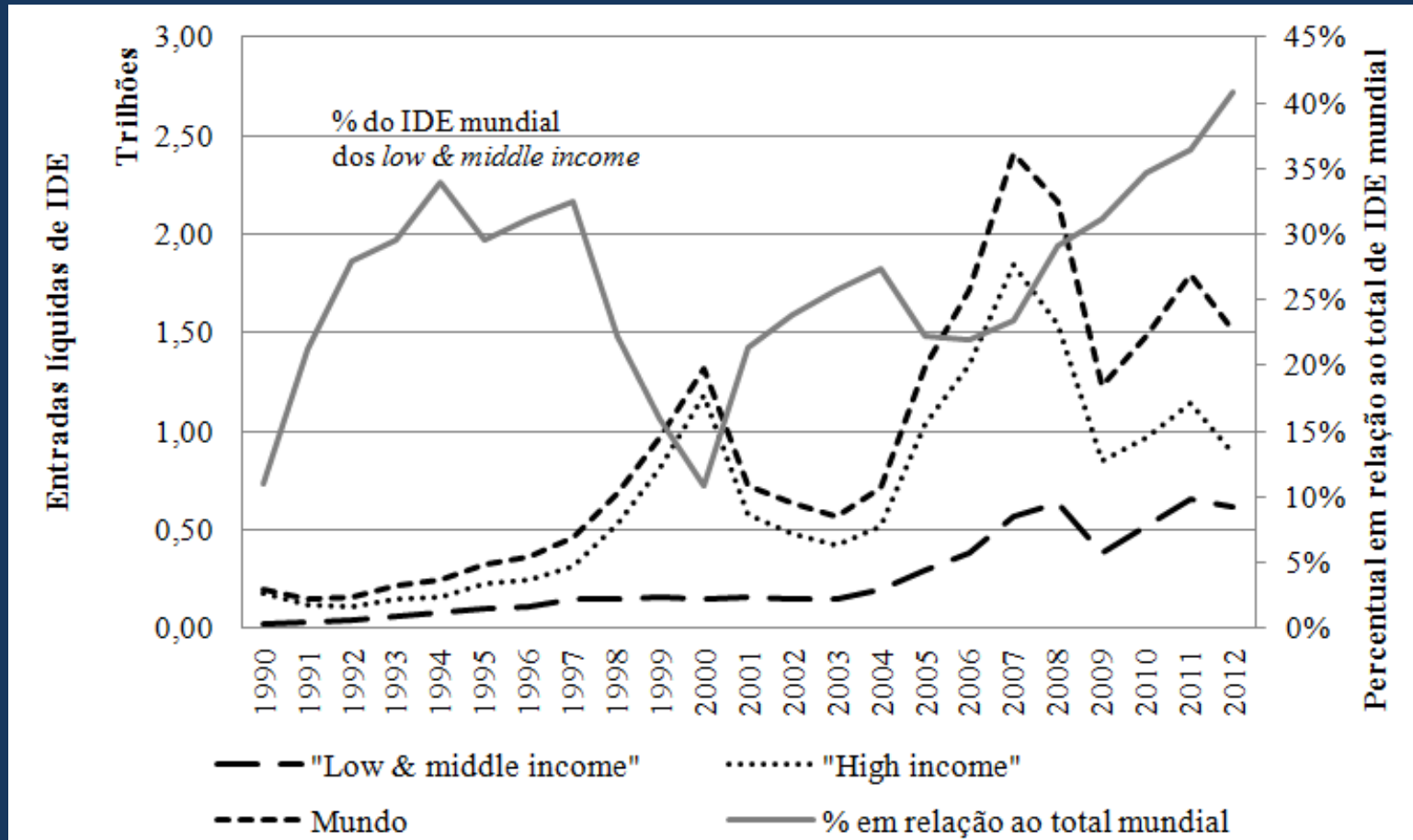
1. British Industrial Revolution:

The preponderant method of acquiring British technology was the obtaining of skilled British workers, and intense efforts were put into this; written descriptions and drawings of equipment and machinery were acknowledged to be of little use (...)" (HARRIS, 1991, p. 26).

2. Fordism Paradigm

3. ITC Paradigm

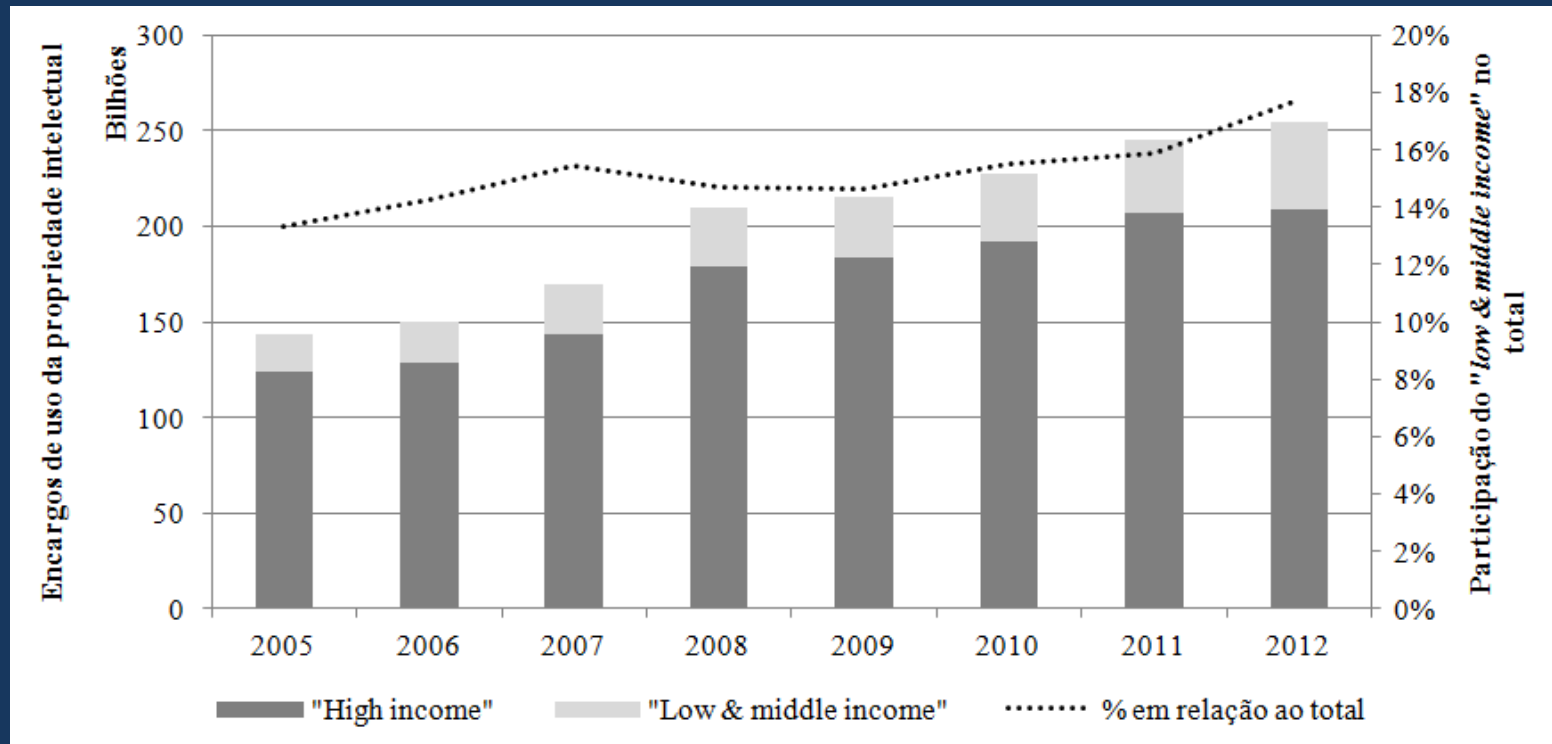
Considerable Growth in Global FDI.



US\$

Source: World Bank

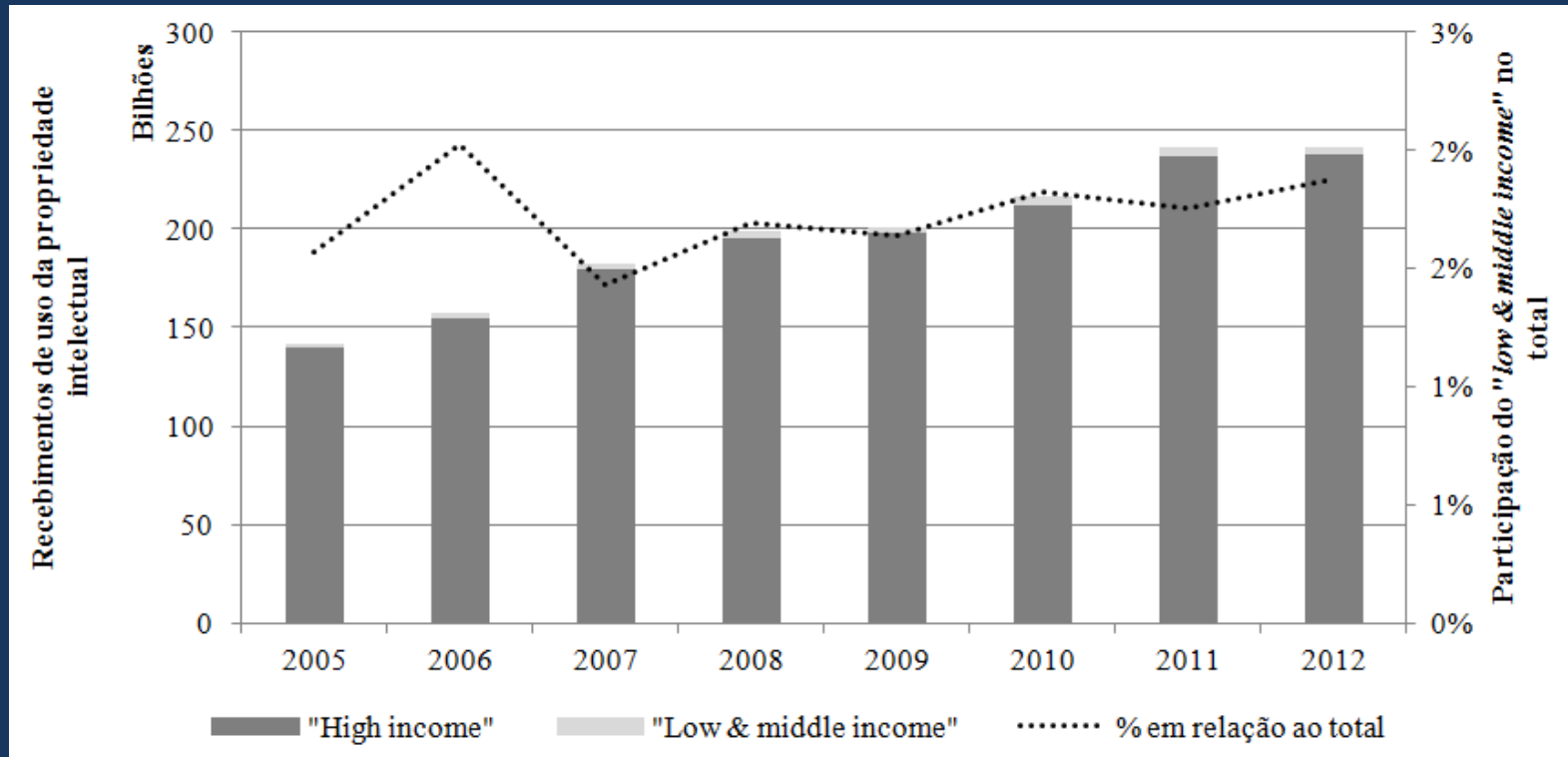
Growth of payments for the use of intellectual property.



US\$

Source: World Bank

Growth in receipts for the use of intellectual property.



US\$

Source: World Bank

Given the historical-concrete observations...

Why do some countries managed to reduce the technological gap from the ITT and others do not?

What is the role of transnational corporations in this context?

What is the importance of endogenous technological capacity?

What is the importance of building a national innovation system?

General objective.

Show in a historical perspective that ITT was important for all nations to reduce their technological gap and the channels used changed accordingly to the technological paradigm and the level of development of the importing country.

Make an exploratory analysis of the Brazilian case in the 90's and 2000's.

Proposed structure.

~CHAPTER I ~

CATCHING UP AN FALLING BEHIND AMONG NATIONS: THE ROLE OF INTERNATIONAL TECHNOLOGY TRANSFER

1.1 A HISTORICAL PERSPECTIVE ON TIT : BRITISH INDUSTRIAL REVOLUTION AND THE FORDISM

1.2 ITC PARADIGM

~CHAPTER II ~

TRADE OF TECHNOLOGICAL GOODS AS ITT CANAL: EXPLORATORY ANALYSIS OF THE BRAZILIAN CASE, 1990-2010

~CHAPTER III ~

FOREIGN DIRECT INVESTMENT AS ITT CHANNEL : EXPLORATORY ANALYSIS OF THE BRAZILIAN CASE, 1990-2010

~CHAPTER IV ~

LICENSING AND ROYALTIES AS ITT CHANNELS: EXPLORATORY ANALYSIS OF THE BRAZILIAN CASE, 1990-2010

Thank you...

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