

DEVELOPING INNOVATION, ENTREPRENEURSHIP AND TECHNOLOGY FOR GLOBAL COMPETITIVENESS

PLENARY SESSION I THEME PRESENTATION

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WHICH ROAD TO TAKE?



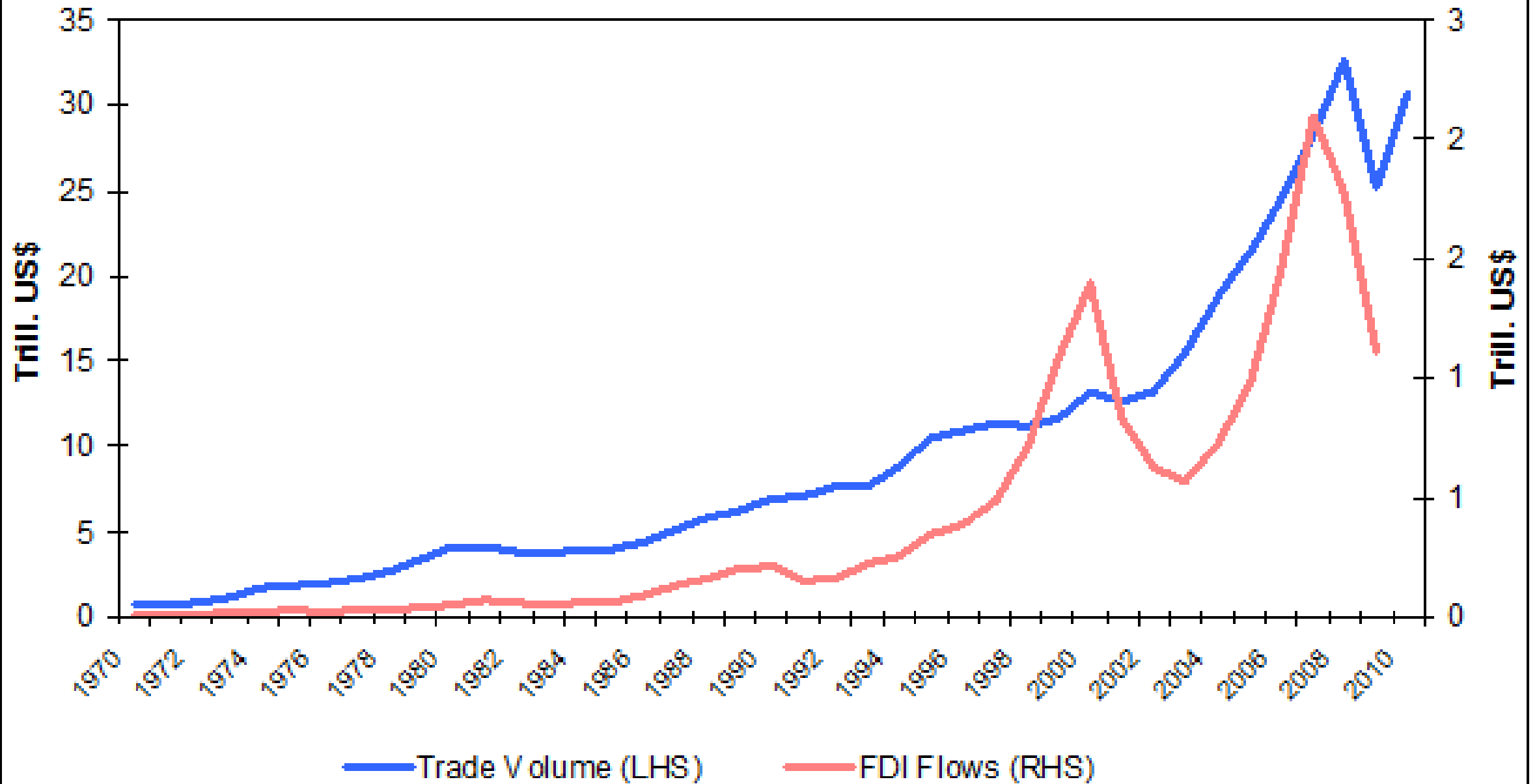
“Innovation is the art of
transforming knowledge into
progress and prosperity.”

MIT President L. Rafael Reif

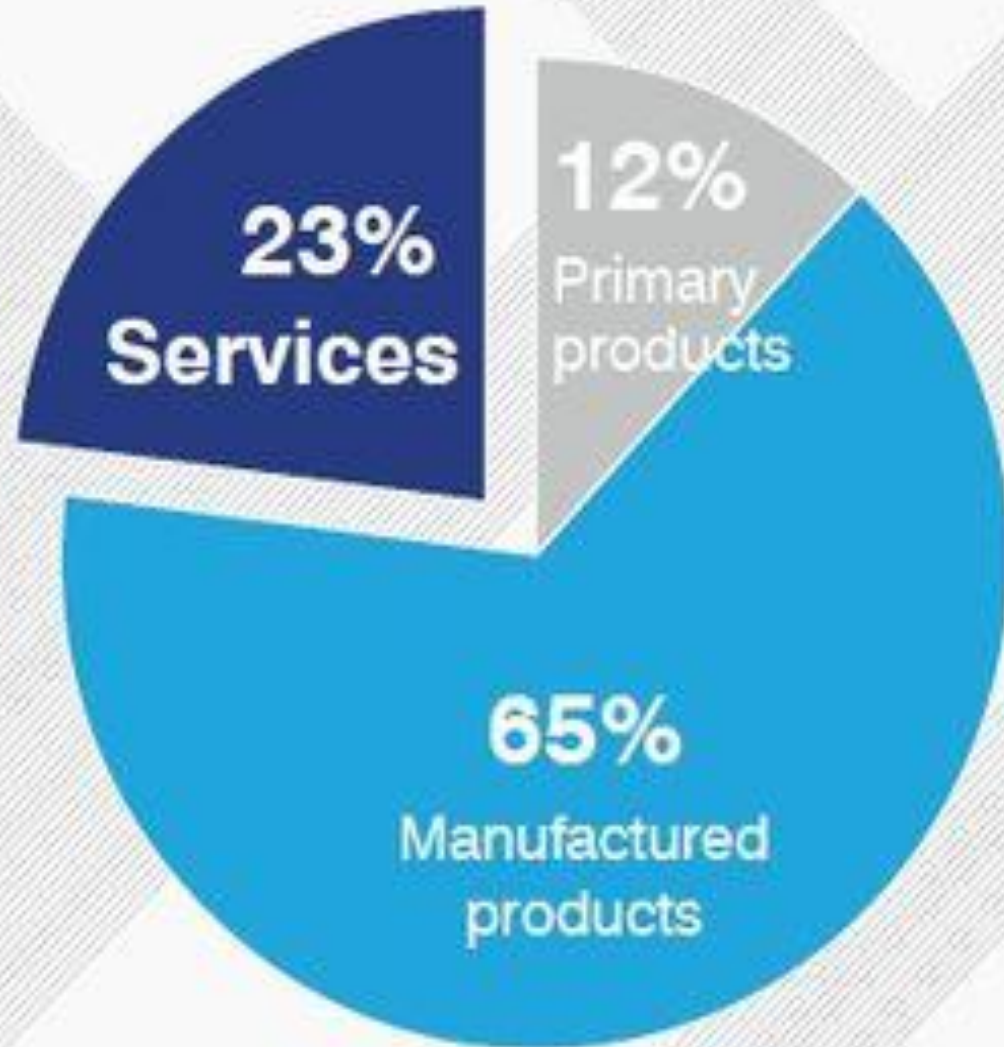
#MITBetterWorld



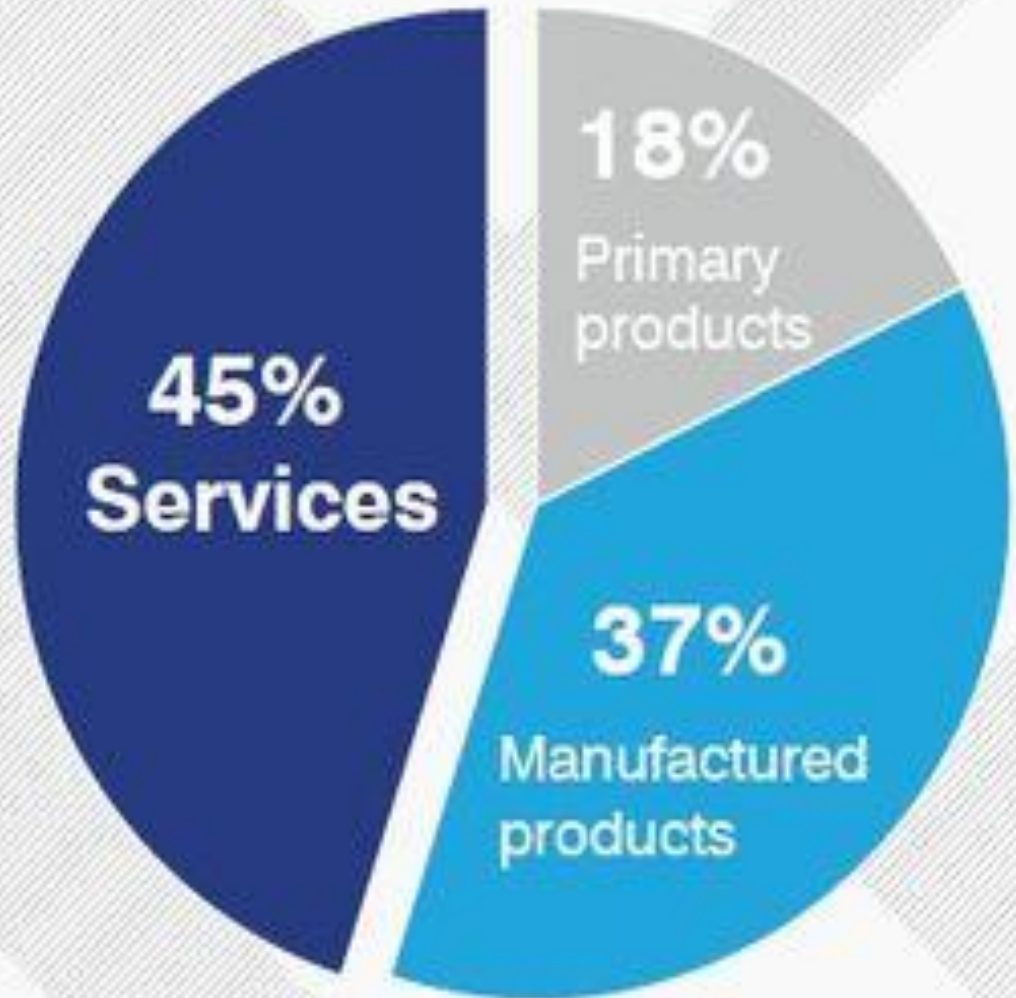
Trade Volumes and FDI Flows Worldwide



Balance of payments data
shows services exports at 23% of global exports



WTO/OECD trade in value added data
shows services approaching half of the global exports



Globalization and Competitiveness

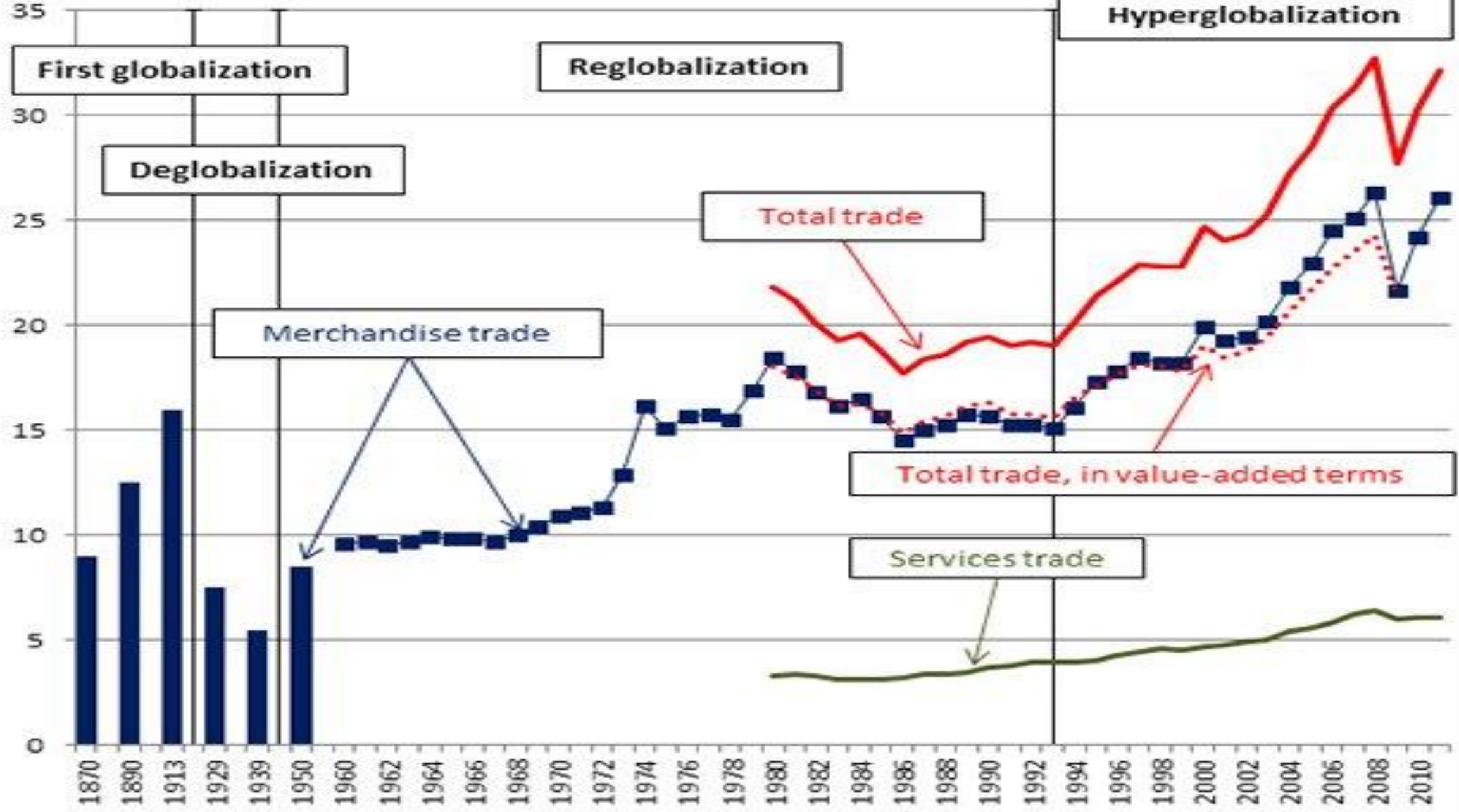
- ◆ Favorable cost
- ◆ Access to international markets
- ◆ Response to changes in demand
- ◆ Reliable sources of supply
- ◆ 14 major trade agreements in 1990s
- ◆ Peak: 26% in 2000



World Trade Compared to World GDP

Source: "Real GDP and Trade Growth of OECD Countries, 2001-03," International Trade Statistics 2003, World Trade Organization, www.wto.org

World trade as a percent of global GDP



Hyperglobalization

First globalization

Reglobalization

Deglobalization

Total trade

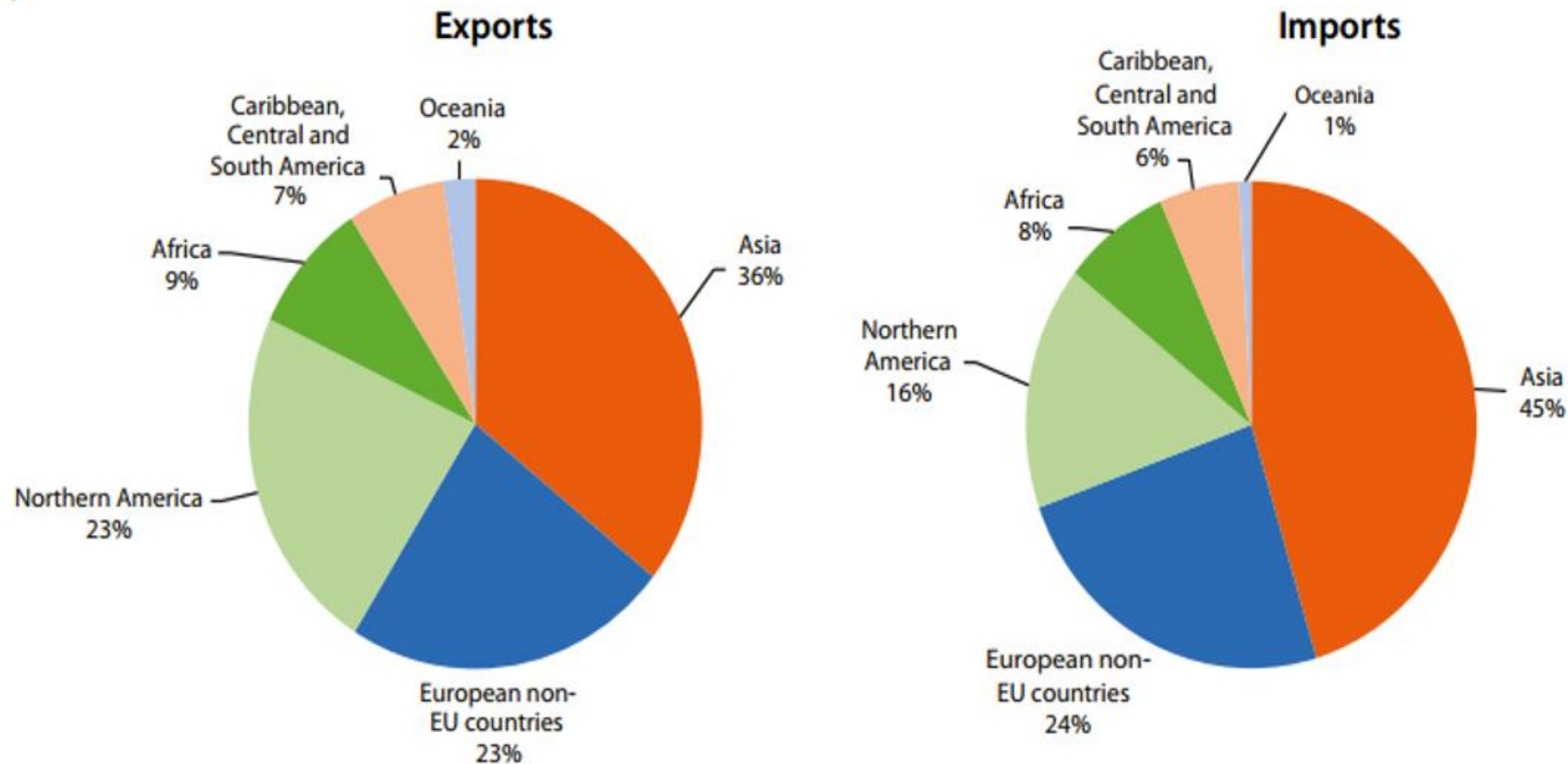
Merchandise trade

Total trade, in value-added terms

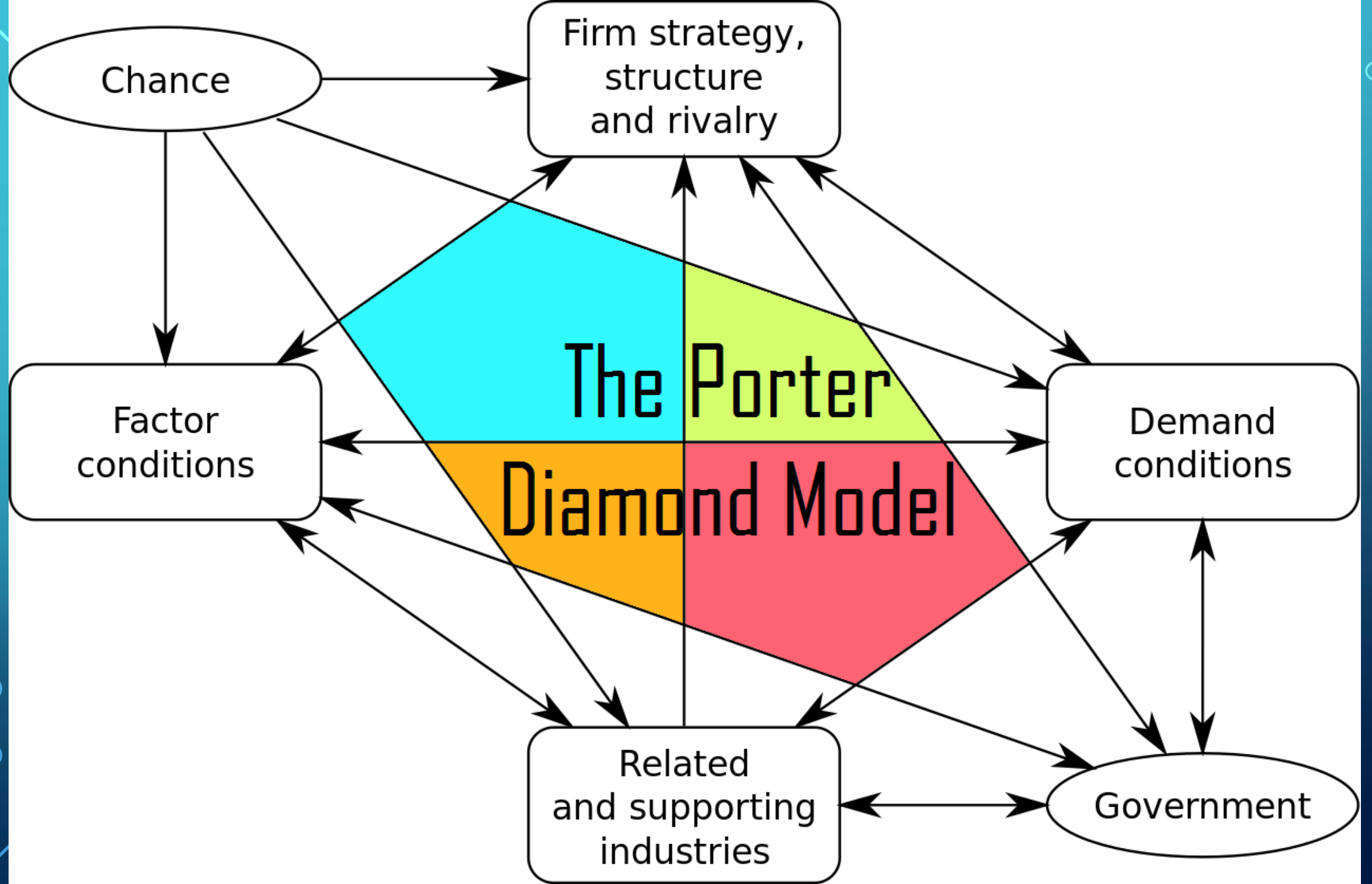
Services trade

Figure 1.10: EU-28 international trade by partner region, 2015

(%)

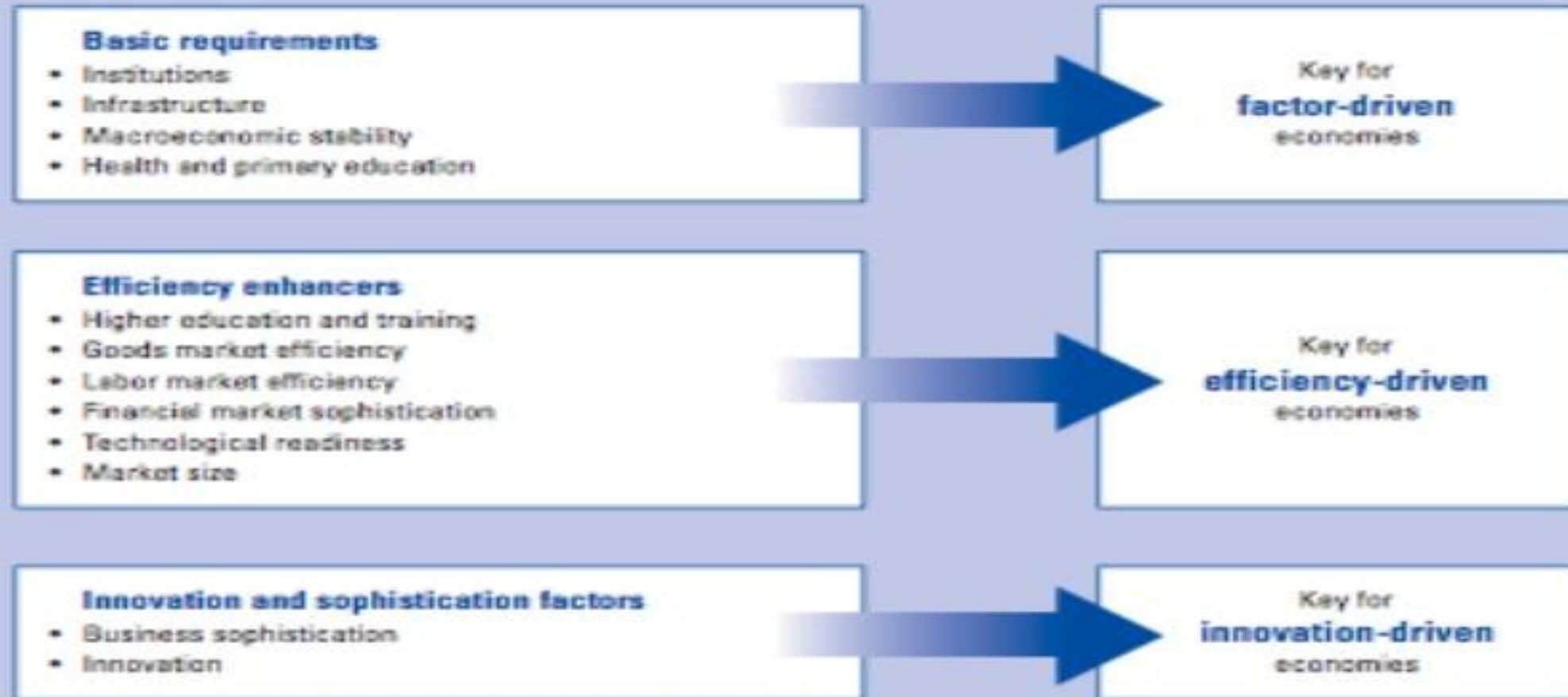


Source: Eurostat (online data code: ext_lt_maineu)



12 PILLARS OF COMPETITIVENESS

Figure 1: The 12 pillars of competitiveness





OPPORTUNITIES



Vehicle, asset, person & pet monitoring & controlling



Agriculture automation



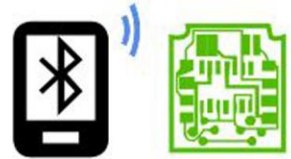
Energy consumption



Security & surveillance



Building management



Embedded Mobile

Internet of things

Everyday things get connected   for smarter tomorrow



M2M & wireless sensor network



Everyday things



Smart homes & cities



Telemedicine & healthcare



Entrepreneurship

entrepreneurial

entrepreneur

business

Definition

creation

small

generating

wealth

innovation

venture

new

extreme

several

factors

means

successful

Many

substantial

generating

possessing

Schumpeter's

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The background is a blue gradient with white circuit-like lines in the corners. The lines consist of straight segments and small circles, resembling a network or data flow diagram.

THANK YOU!