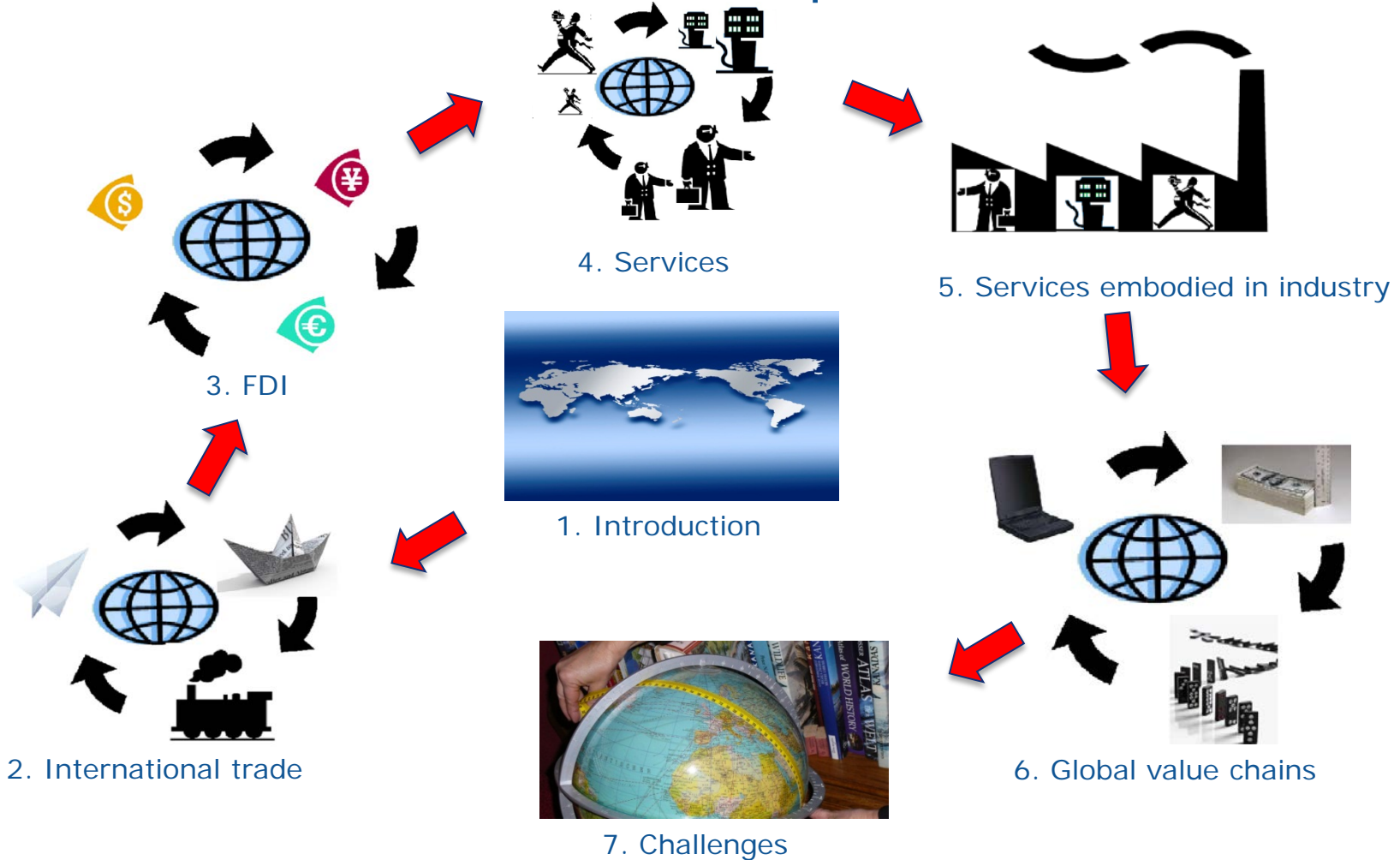




Eurostat's initiative in the area of global value chains and economic globalization

Maria Helena Figueira
Director of Global Business Statistics
Eurostat

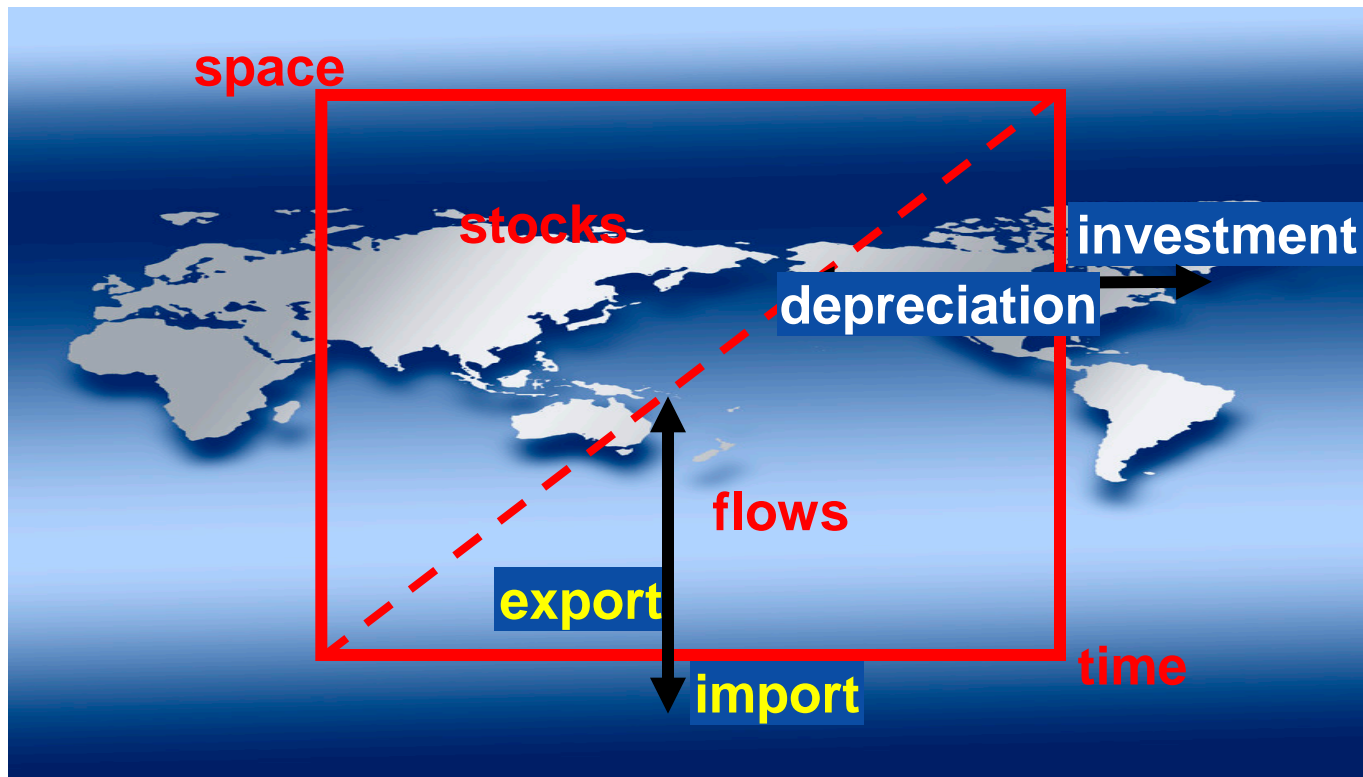
Overview of the presentation





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The Economic System in Statistics: A "flat" projection



Source: commons.wikimedia.org

Brief timeline of statistics

18th century

- The word statistics has the same root as state, one of the uses of statistics was to give the ruler vital information about his state.
- The first subjects were typically demography, trade (mainly the import part), agriculture and industry.

19th century

- The first national statistical offices were established: Prussia 1805, Austria 1829, France 1833, Sweden 1858, Denmark 1850, Finland 1865.

Brief timeline of statistics

20th century

- 1947 UN statistical division
 - 1948 GATT --> 1995 WTO
 - 1948 OECD --> 1961 OECD
 - 1953 ECSC statistics division --> 1959 Eurostat
-

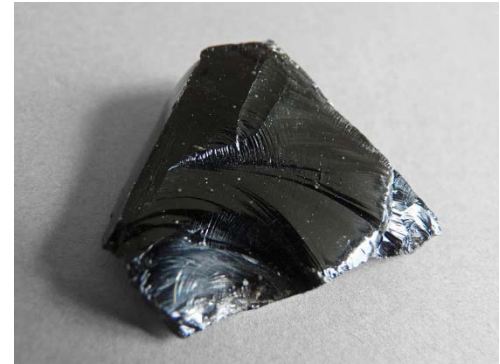
- 1962 UN: Comtrade database
- 1970 UNCTAD: FDI data collection
- 1996 Eurostat: voluntary FATS data collection
- 2007 and 2012: Eurostat voluntary survey on International Sourcing and Global Value Chains

Box of statistics

Trade	Transport	Labour
Energy	Business	FDI
Regional	National accounts	Environment

Start of global trade?

- Obsidian trade 14.000 to 6.500 BC
- Grain from North Africa to Rome
- Silk route linking China to Europe
- Phoenicians buying tin in the British Isles



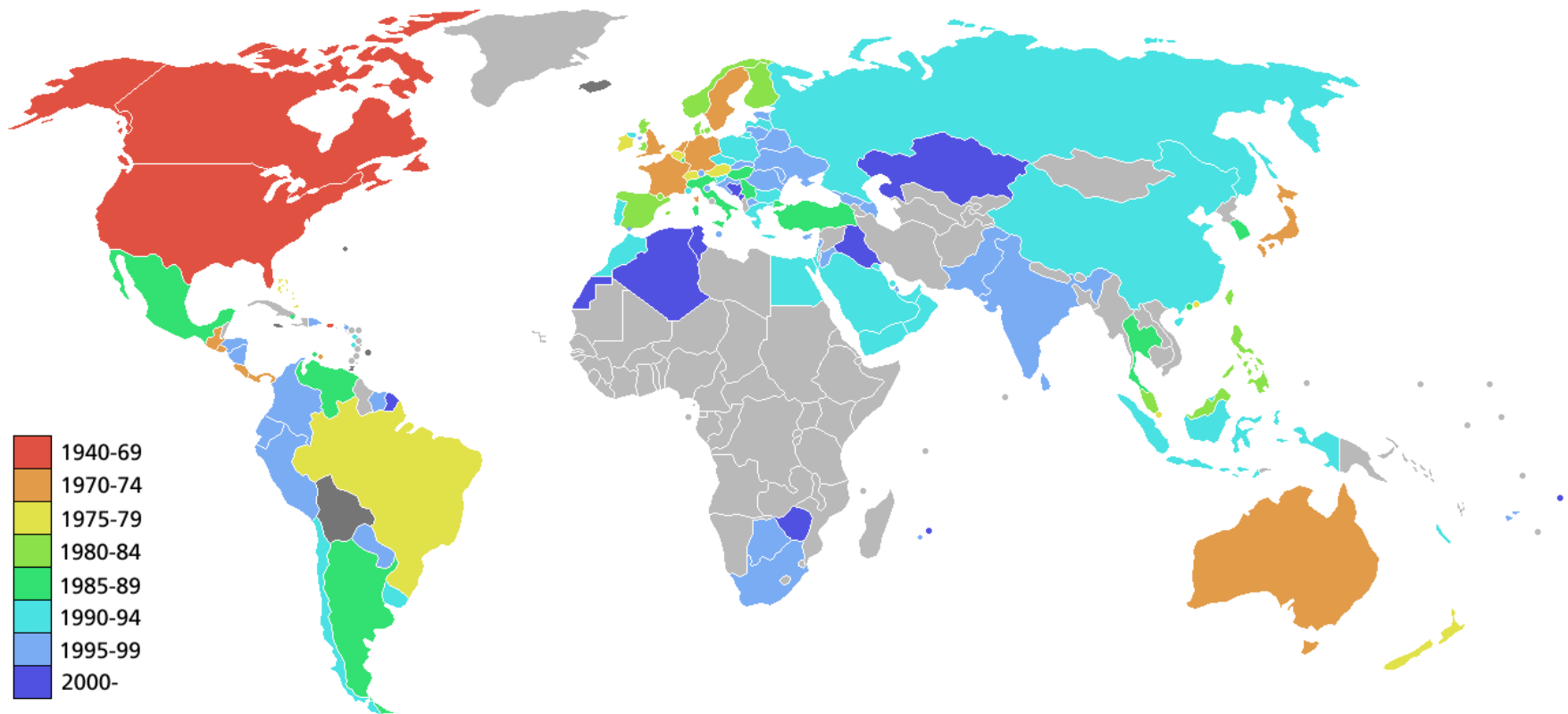
Source : Wikipedia

First foreign direct investments?

Dutch East India Company (1602 – 1798)



Example of a global enterprise

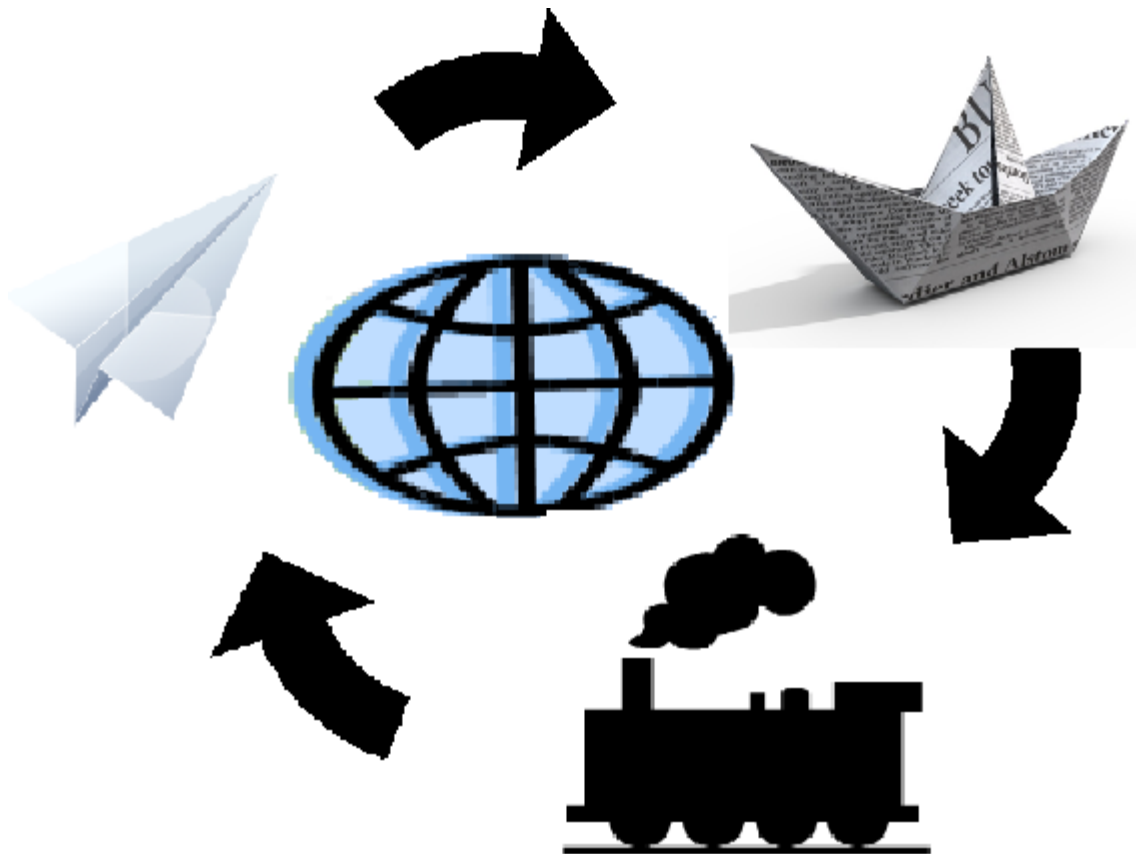


Source: commons.wikimedia.org



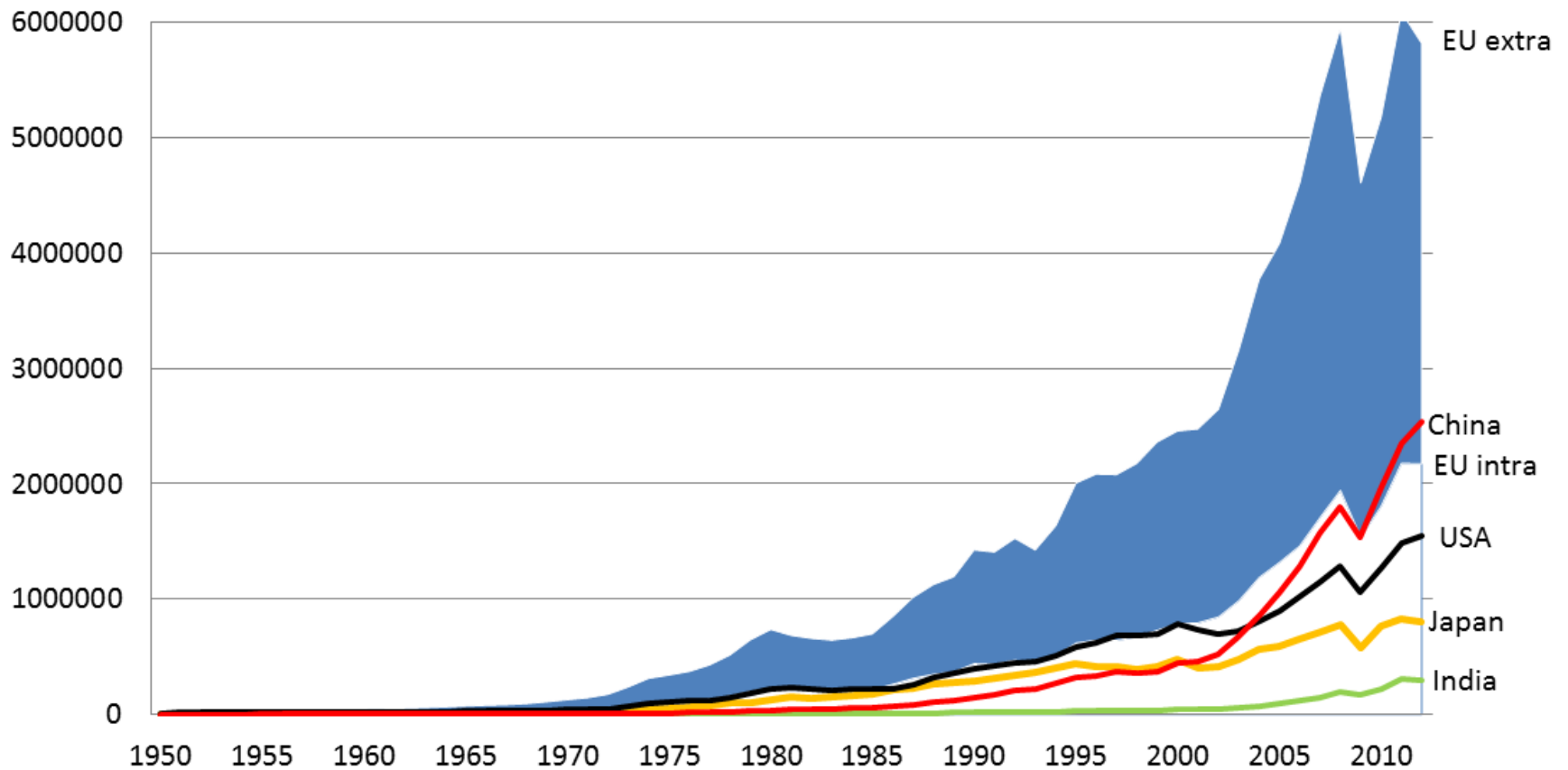
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International Trade



World trade exports in goods

(millions of US \$)

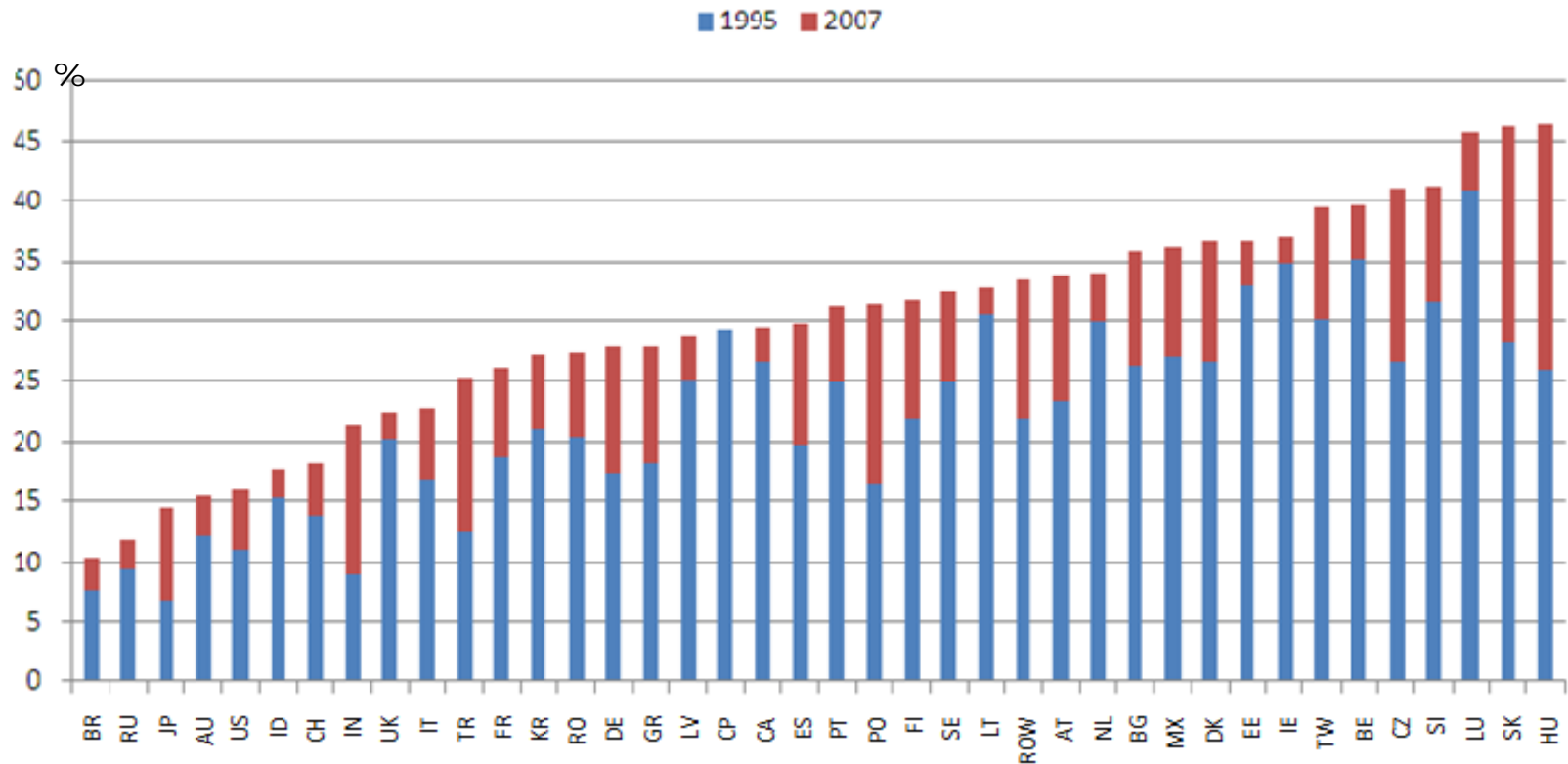


Trade in goods main destinations

	USA				EU27	
	Export	Import			Export	Import
Canada	280,710	319,101		EU27	3,905,709	3,905,709
EU27	269,137	375,512		USA	362,942	256,584
Mexico	197,544	265,347		Swiss	169,376	126,973
China	103,878	417,303		China	189,644	277,571
Japan	66,160	132,442		Russia	150,924	406,867
Other	563,003	756,189		Other	1,260,001	1,281,854
World	1,480,432	2,265,894		World	6,038,597	6,255,558
Imports and exports of goods in 2011 (millions of dollars)						

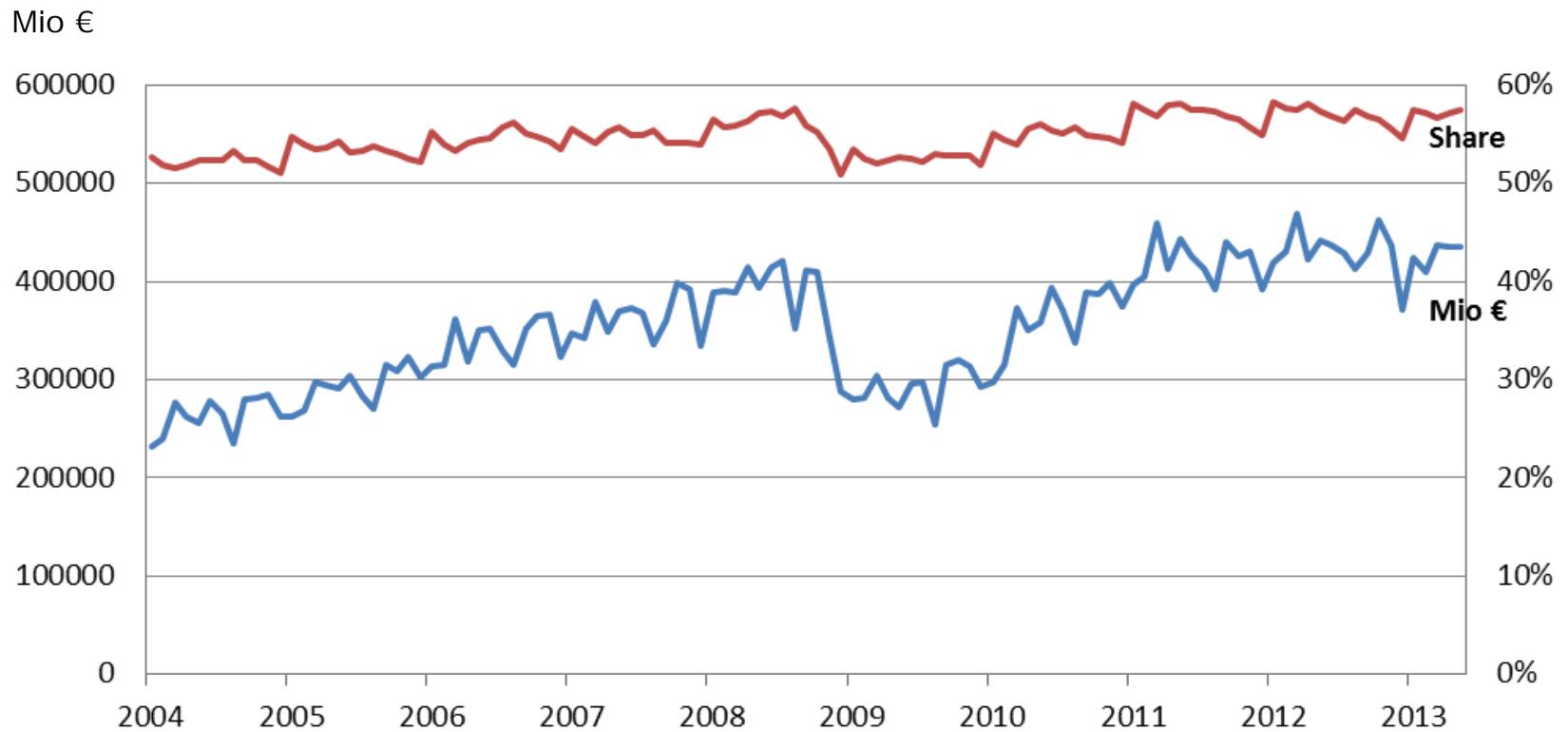
Source : WTO International Trade Statistics 2012

Foreign content in exports of goods



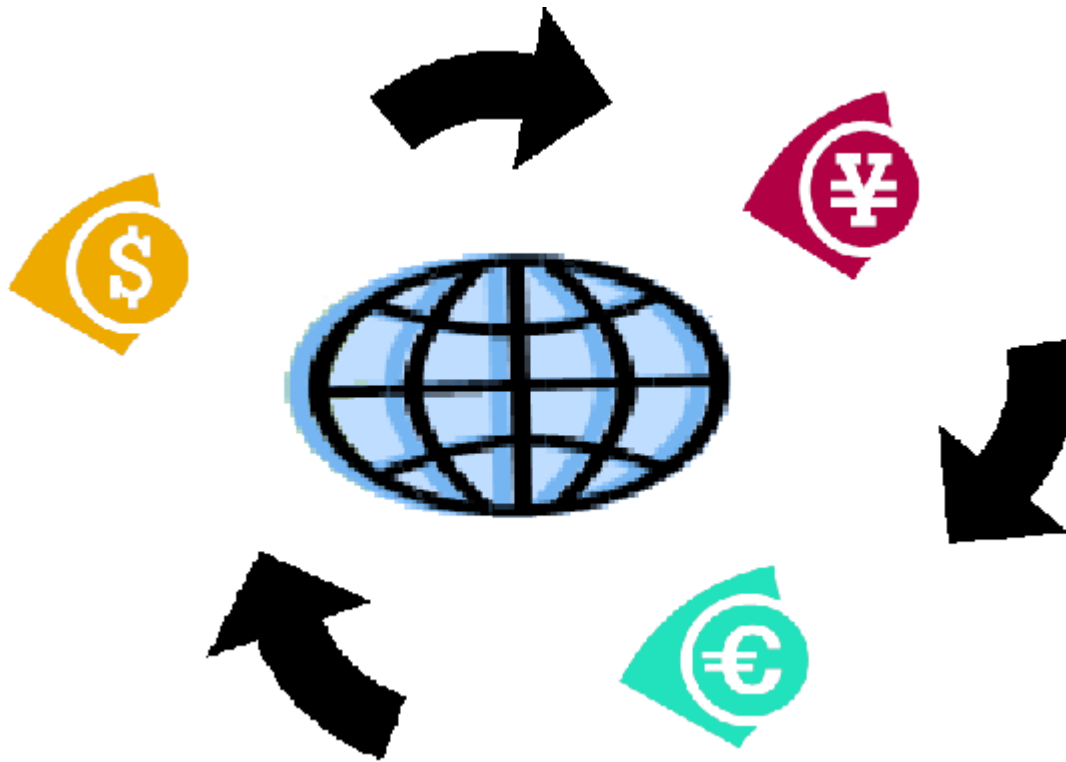
Source: WIOD database, calculations Robert Stehrer, The Vienna Institute for International Economic Studies – wiiw.

EU world trade in intermediate goods

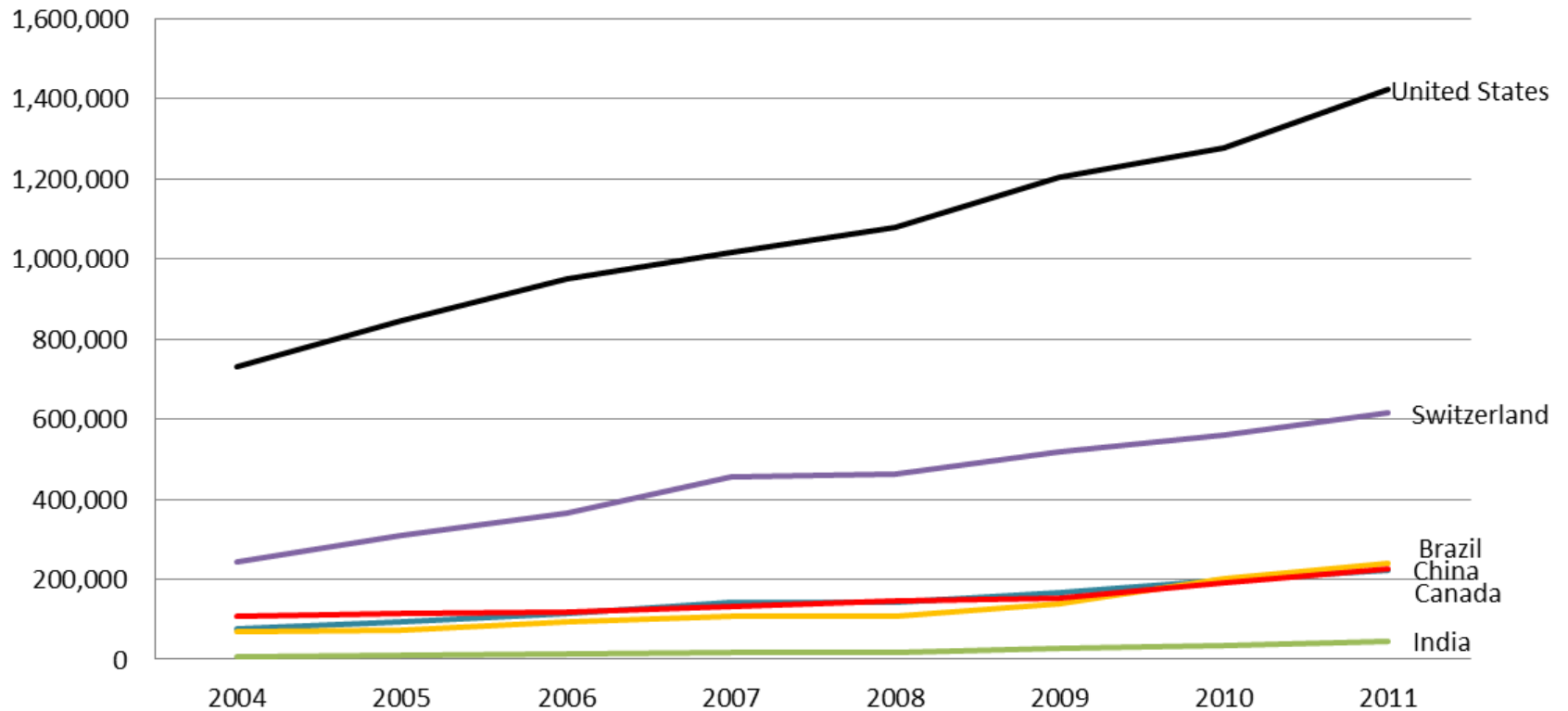


Source: Eurostat

Foreign direct investment

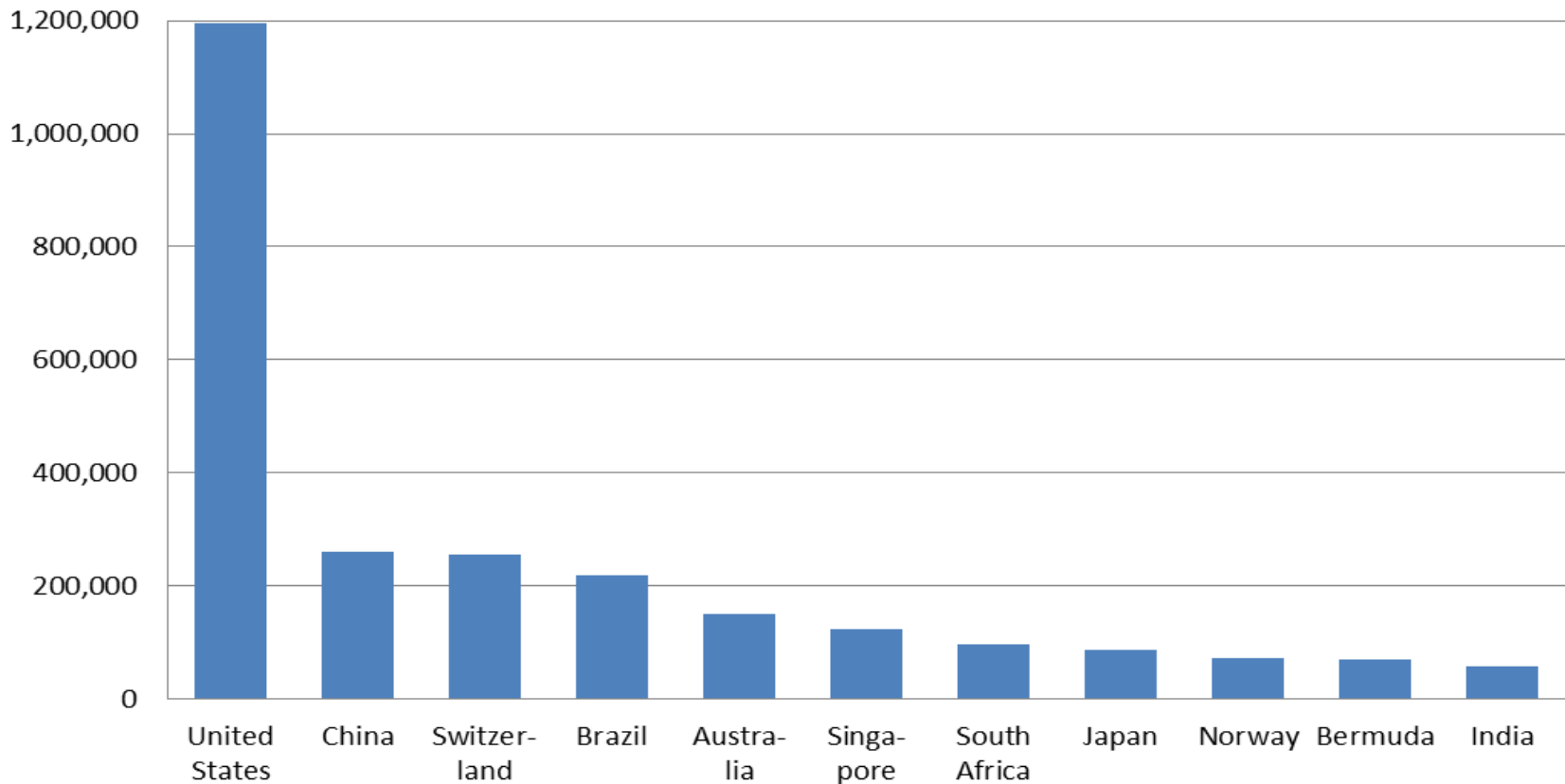


EU27 FDI stocks in main destinations



Source: Eurostat

EU foreign affiliates (turnover in millions of €)

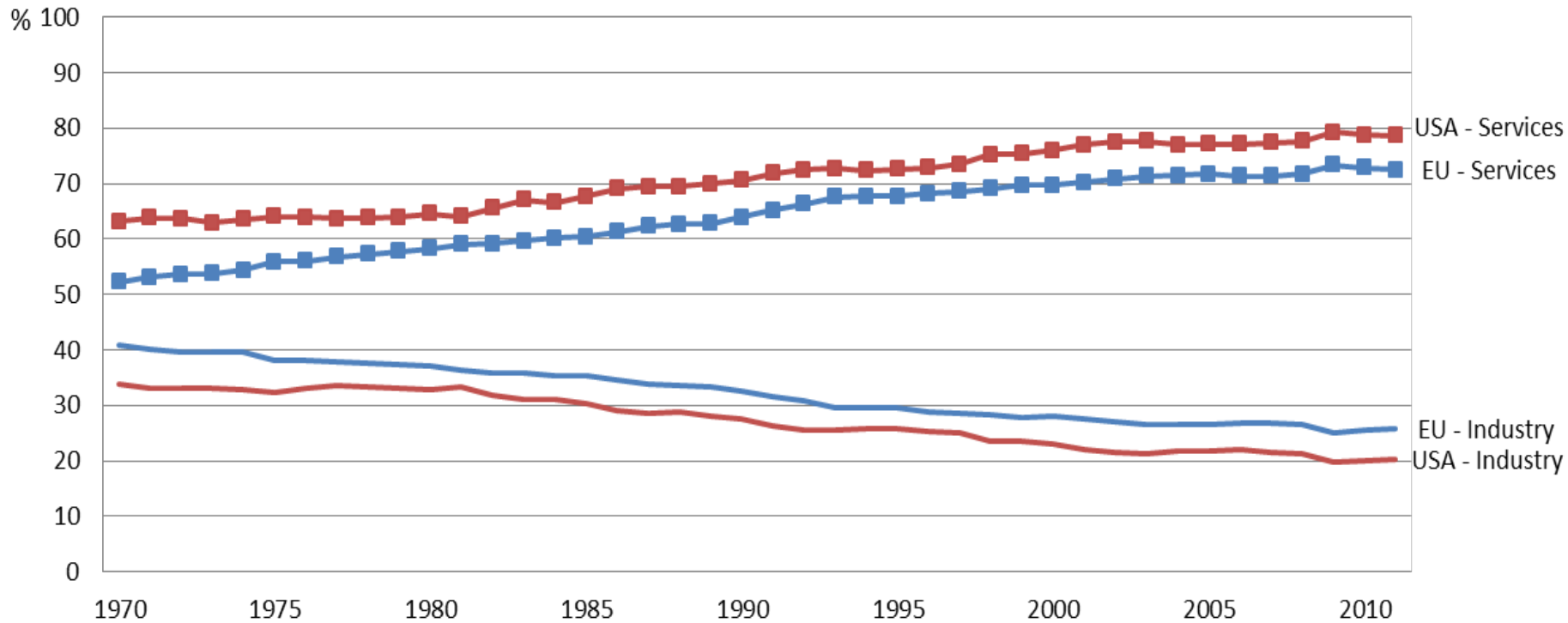


Source: Eurostat

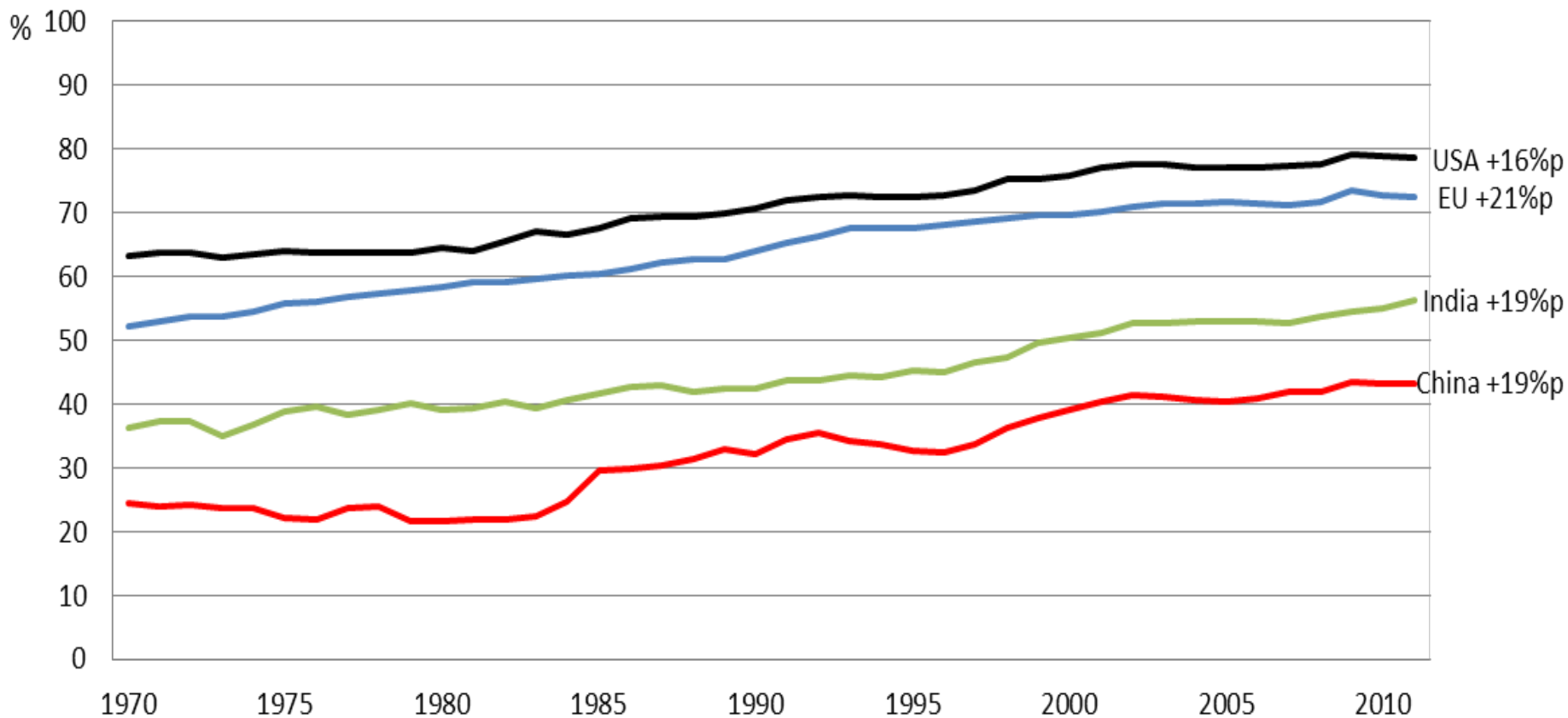
Growing (trade in) services



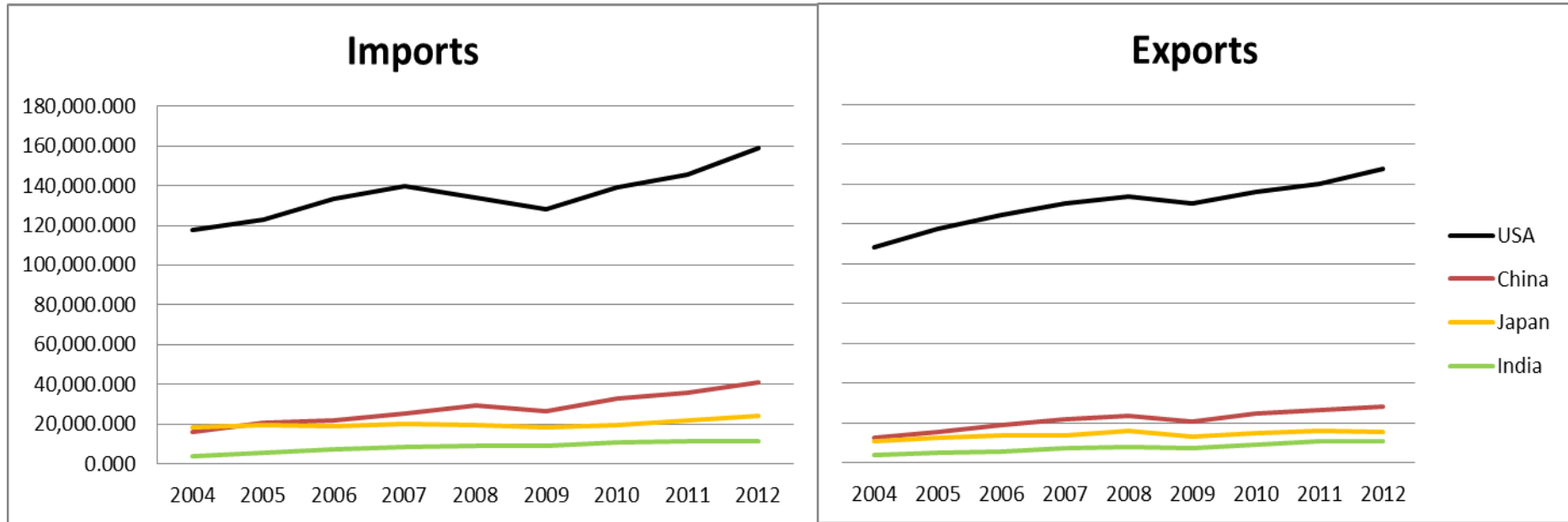
Structure of the economy (main sectors share of GDP)



The growing services sector (services share of GDP)



EU international trade in Services (millions of €)



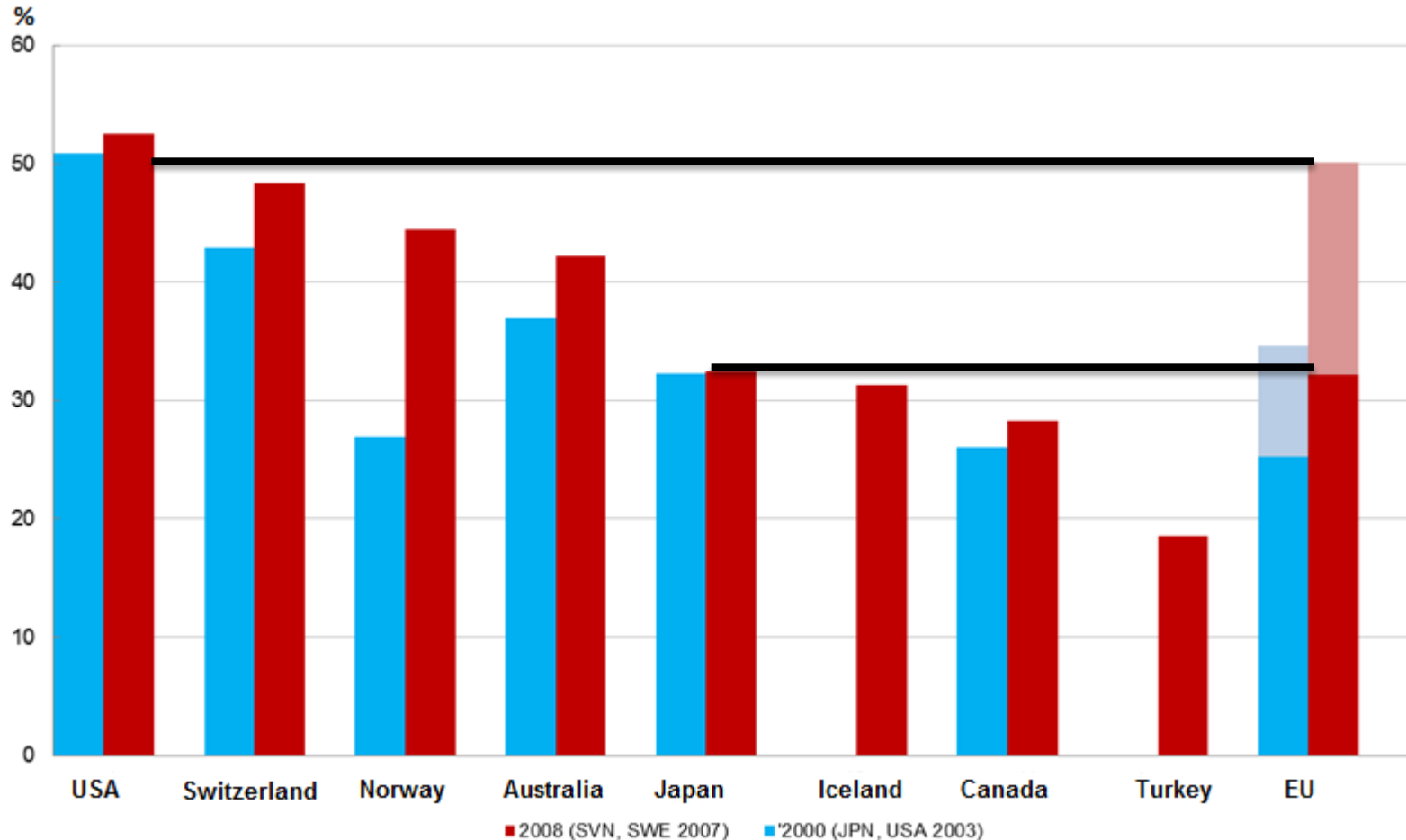
Services embodied in industry





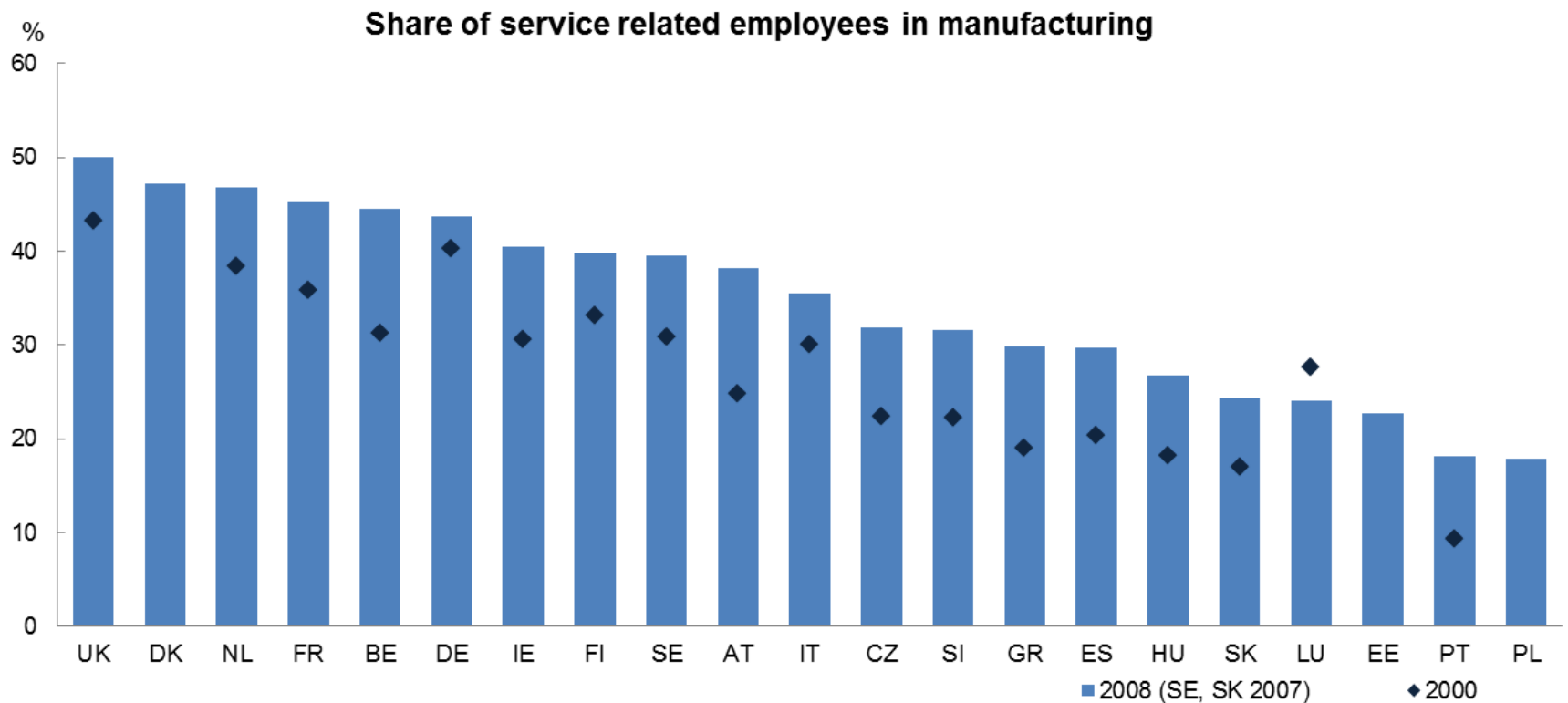
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Share of services in industry



Source : OECD calculations, based on EU Labour Force Survey; US Current Population Survey; Australian, Canadian and Japanese labour force surveys, May 2011.

Services embodied in industry



Source : OECD calculations, based on EU Labour Force Survey

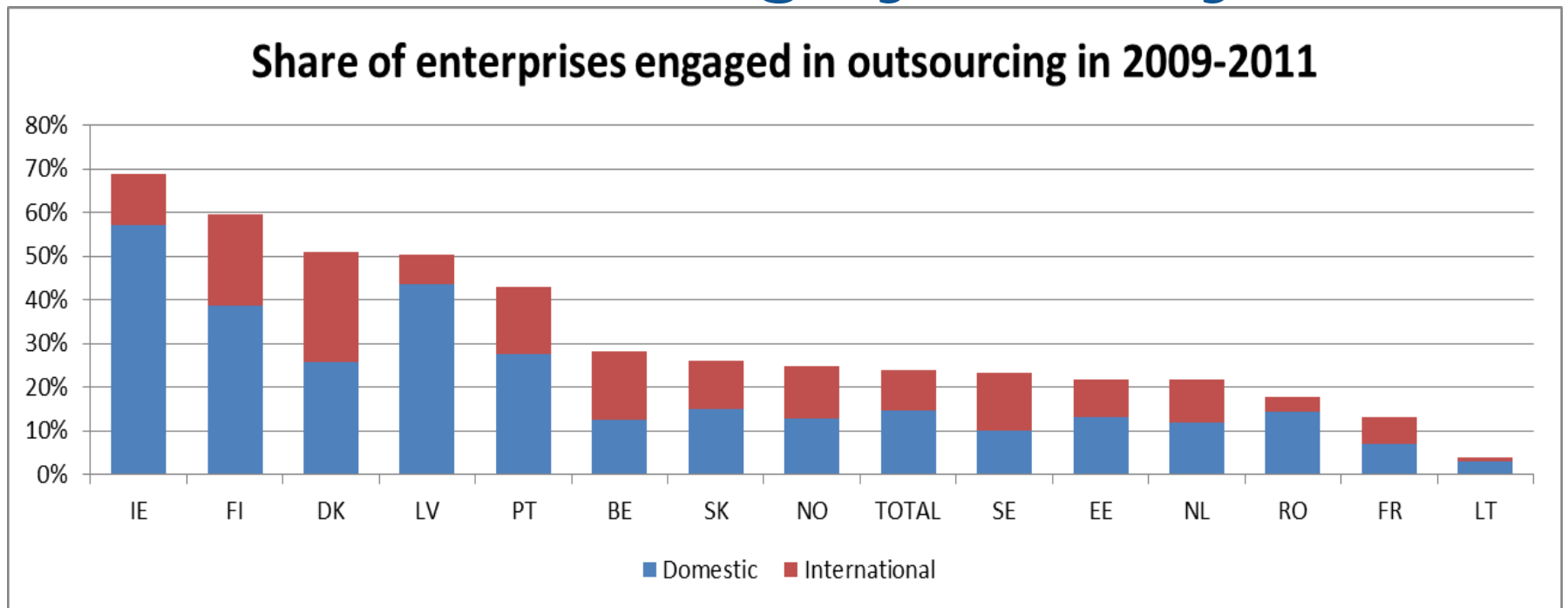


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Global Value Chains



Outsourcing by country



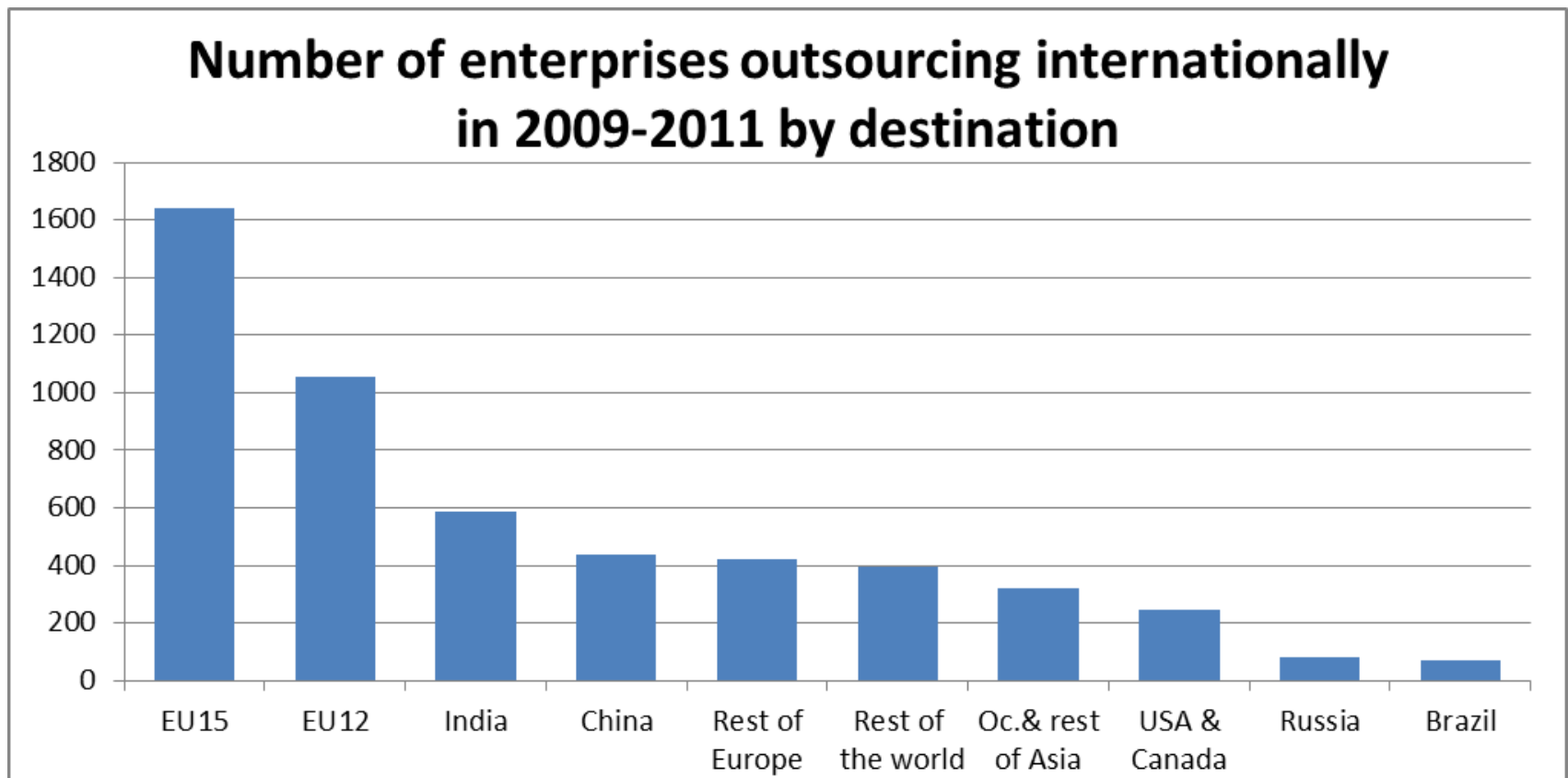
Source: Eurostat

International outsourcing by country

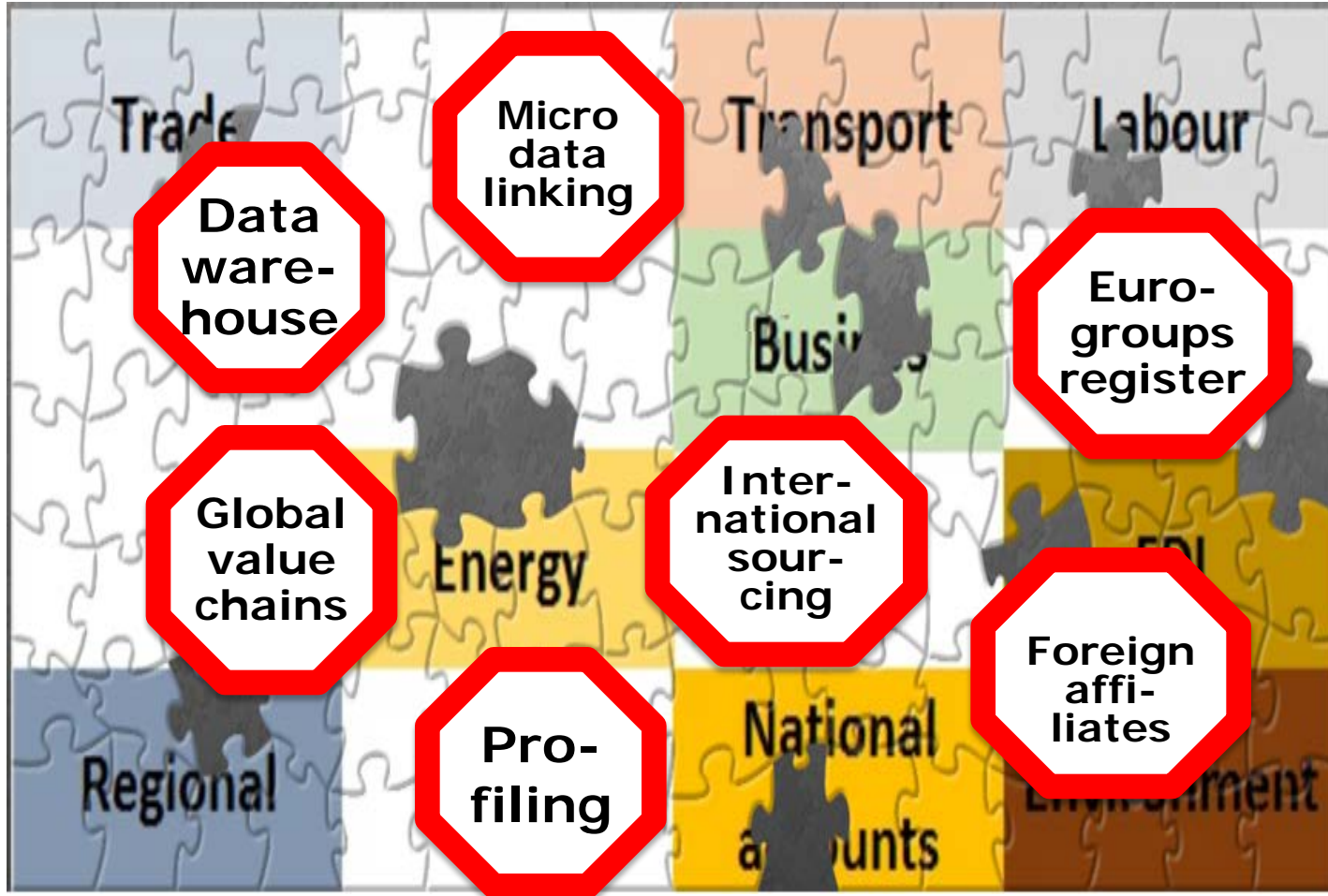


Source: Eurostat

Intra EU international outsourcing remains dominant



Source: Eurostat



- MEETS program as a whole takes issues related to globalisation into account, for example when re-defining the statistical units based on the results of the ESSnets Consistency and Profiling
- MEETS projects:
- Consistency
 - **emerging architecture of integrated production systems for business statistics calls for harmonisation of concepts, definitions and methodologies**
 - **users can use and compare statistics from different sources**

- Euro Groups Registers
 - **EGR aims at providing consistent and coordinated survey frames for high quality statistics relating to globalisation**
- Profiling
 - **develop, test and implement a common methodology for the profiling of large and complex multinational enterprise groups**
- Data warehousing
 - **data warehousing and micro data linking in the production of business statistics**
- Global Value Chains
 - **some survey results shown above and tomorrow a session dedicated to GVC results on survey, Micro data linking, Economic Globalisation Indicators**

- Sturgeon report
 - **Sturgeon report with its recommendations provides scientific input to strategic discussions and to the development of statistics on global value chains and economic globalisation within the ESS**
- FRIBS – Framework Regulation Integrating Business Statistics
 - **Purpose is to establish a common legal framework for the systematic collection, compilation, data access and dissemination of European business statistics**
- MEETS projects results and Sturgeon report provide important input to FRIBS



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Thank you for your attention