Macroeconomic Globalisation Indicators

EU participation and exposure in global value chains

Cristina Pereira de Sá – Eurostat

Carlos Torrecilla Salinas – Joint Research Centre

European Commission | eurostat

Eurostat – Leading provider of high-quality statistics on Europe

Users

- Policy makers
- Economic modelers
- Researchers
- General public

EUROPEAN STATISTICAL SYSTEM

eurostat

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JOIN RESEARCH CENTRE

ESS

- Collect and verify data
- Use common definitions and methods
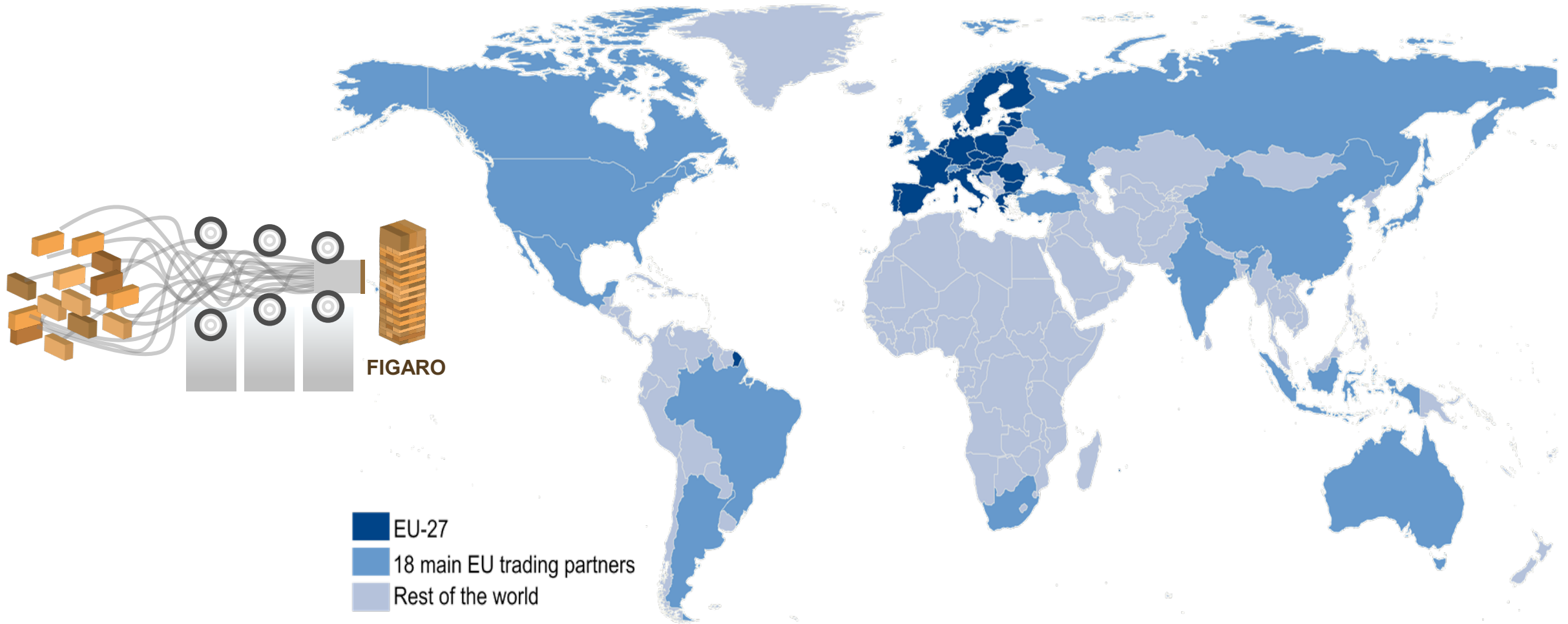- Transmit data to Eurostat

Eurostat

- Validate and consolidate data
- Produce European aggregates
- Publish official statistics for Europe as open data

JRC

- Methodology
- Economic modelling
- GVC indicators
- Other FIGARO applications

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FIGARO as a response to policy DGs

FIGARO

EU-27
18 main EU trading partners
Rest of the world

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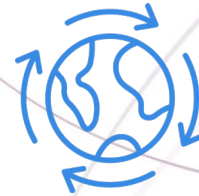
New Macroeconomic Globalisation Indicators

FIGARO

Trade

Value added in trade

GVC participation

Value added in final use

Trading Exposure

Employment

EUROPEAN STATISTICS CODE OF PRACTICE

...uthorities ...uthority)

EUROPEAN STATISTICAL SYSTEM

4 Commitment to Quality
Statistical authorities regularly and systematically review their processes and the quality of their statistical products.

6 Impartiality and Objectivity
European statistics are developed, produced and published in a professional and transparent manner, treating all users fairly and equally.
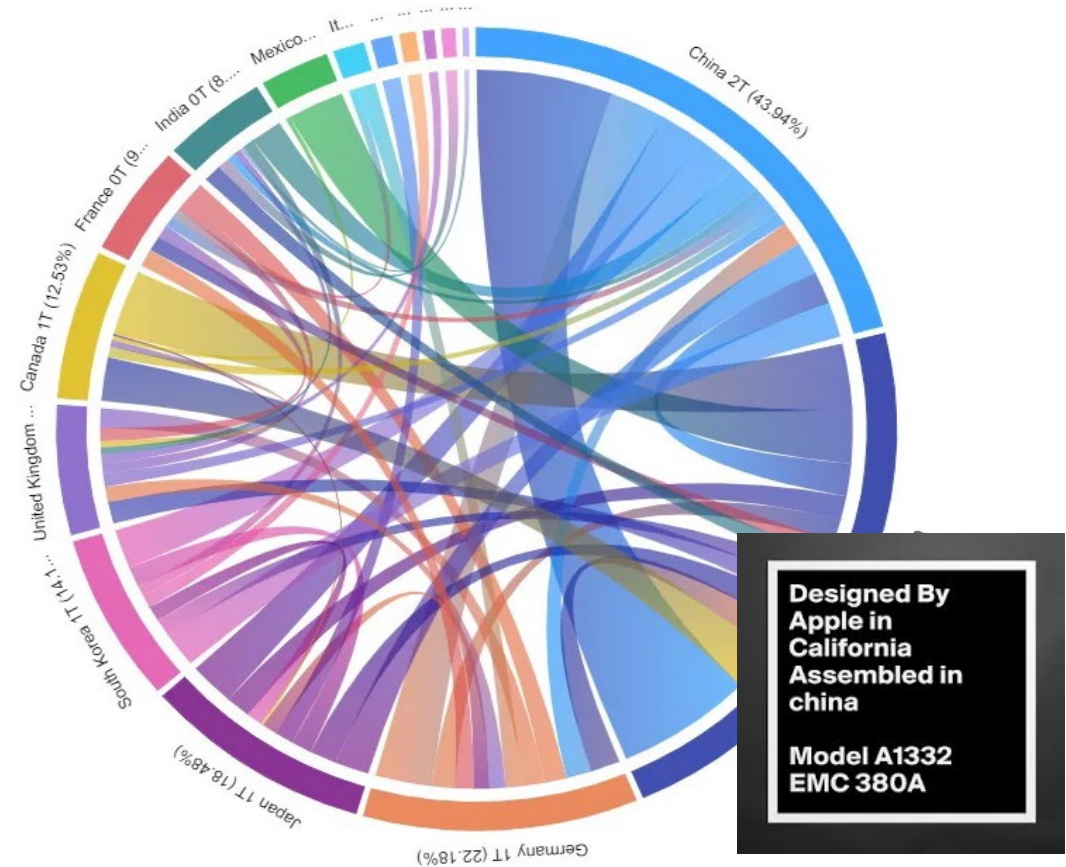
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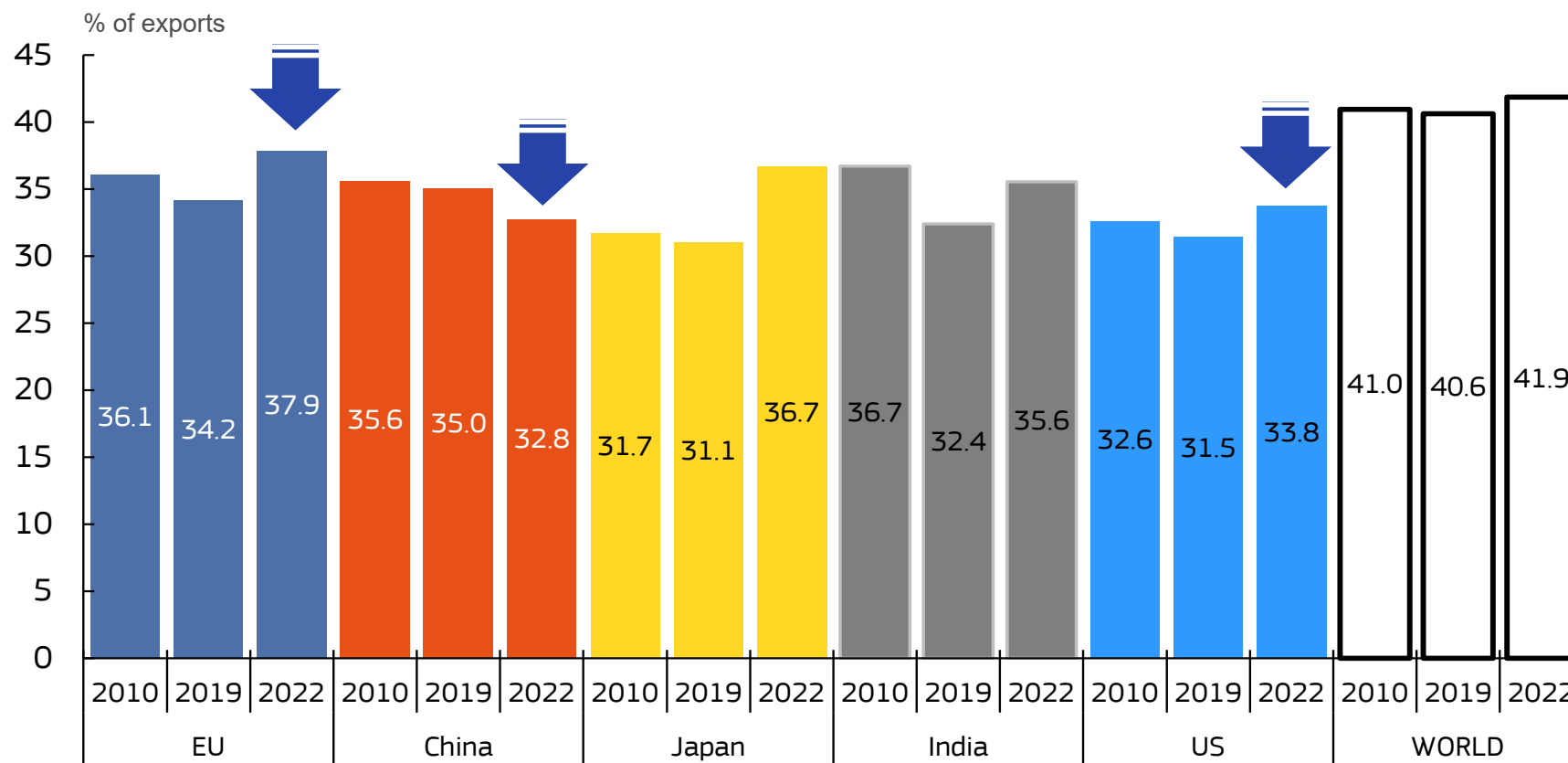eurostat

Total exports vs GVC magnifying glass
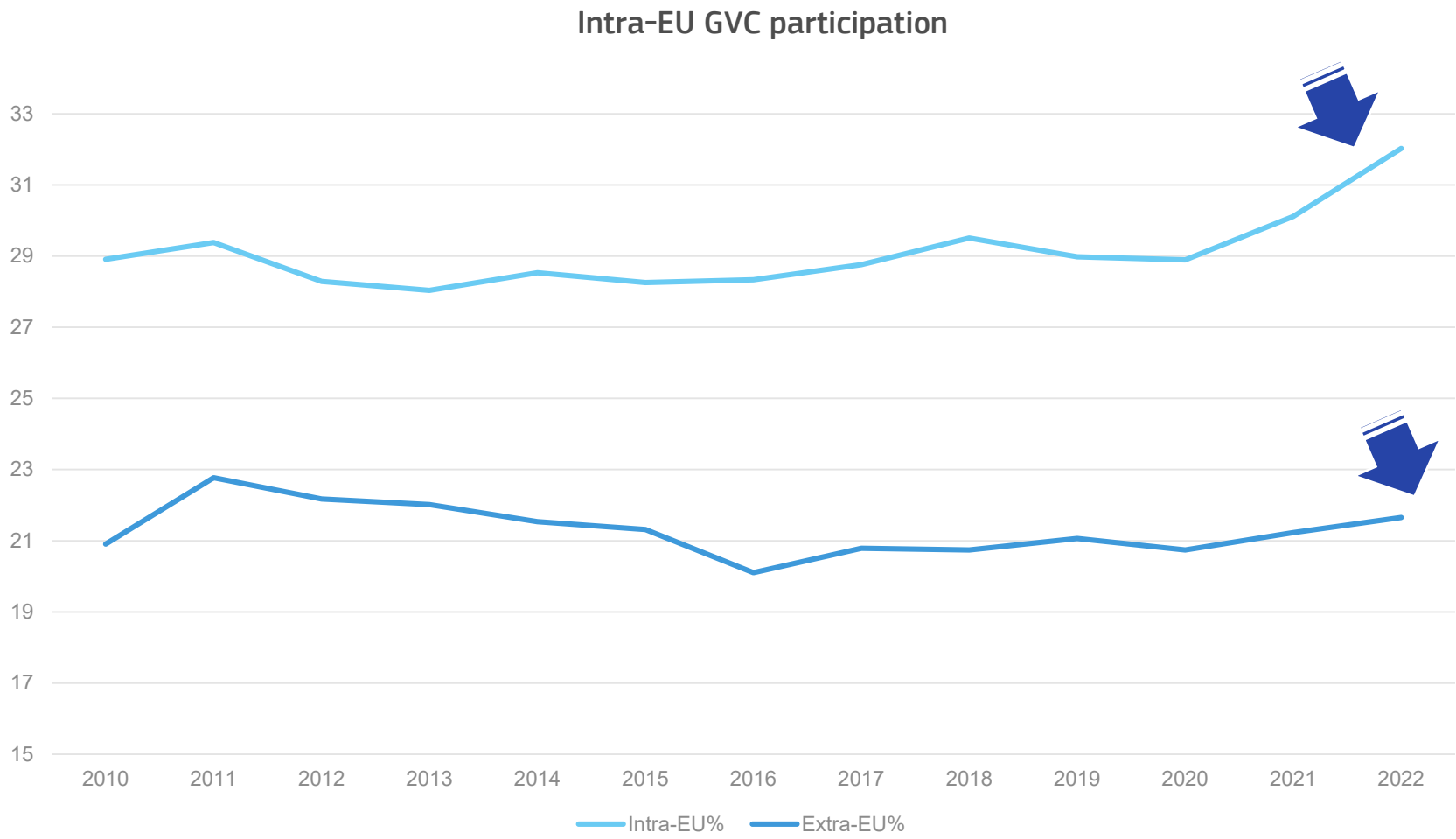

Countries by Exports

Country	Exports
China	2,723,250,000,000
United States	2,127,248,000,000
Germany	1,667,710,000,000
Japan	793,322,843,070
United Kingdom	741,011,000,000
France	729,973,000,000
Netherlands	719,611,000,000
Hong Kong (China)	612,567,000,000
Korea, Rep.	601,622,000,000
Singapore	599,216,000,000
Italy	556,307,000,000
Ireland	534,328,000,000
India	484,953,337,390
Canada	476,273,000,000
Switzerland	472,371,000,000

Gross Export 2022

Designed By Apple in California Assembled in china

Model A1332 EMC 380A

GVC global participation

% of exports

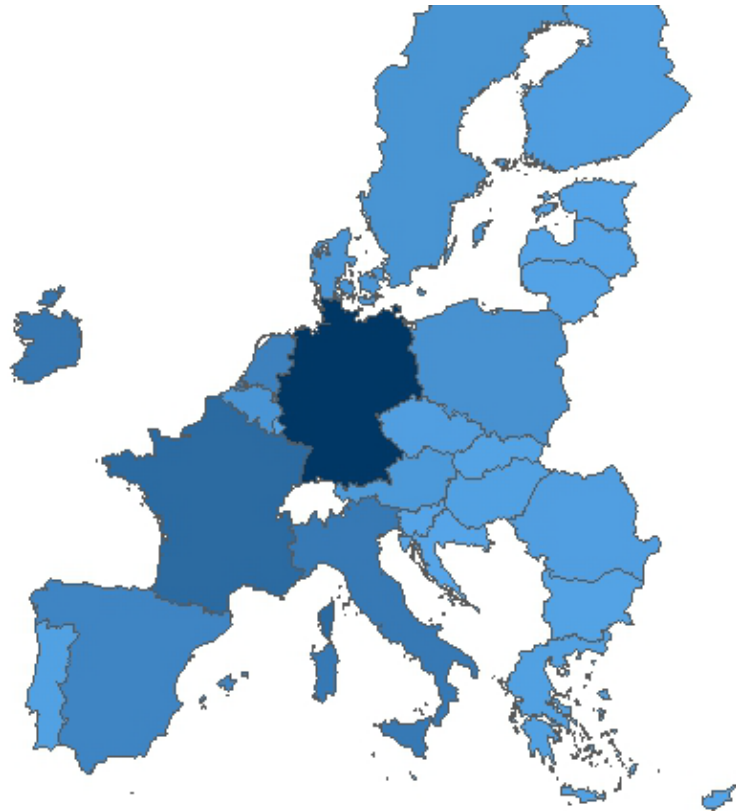|	2010	2019	2022
EU	36.1	34.2	37.9
China	35.6	35.0	32.8
Japan	31.7	31.1	36.7
India	36.7	32.4	35.6
US	32.6	31.5	33.8
WORLD	41.0	40.6	41.9

Source: **Eurostat's MEG indicators and JRC calculations**
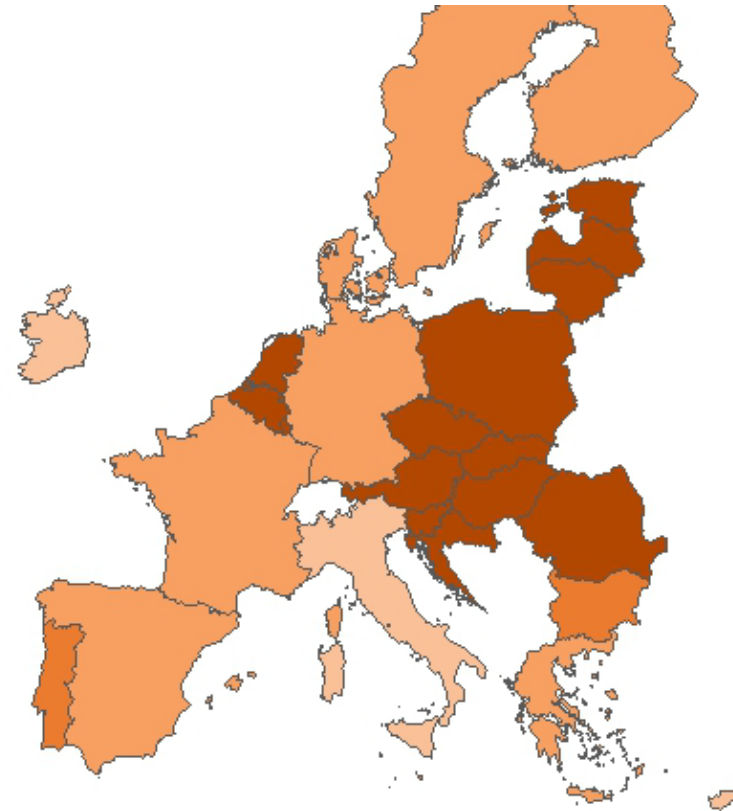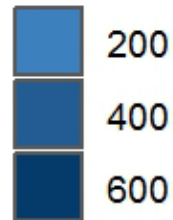
Single Market GVC participation
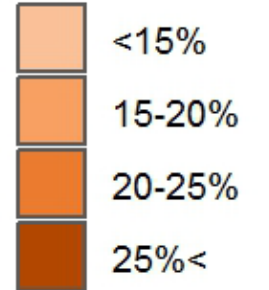
Intra-EU GVC participation

How much value added is retained by EU countries when they export?
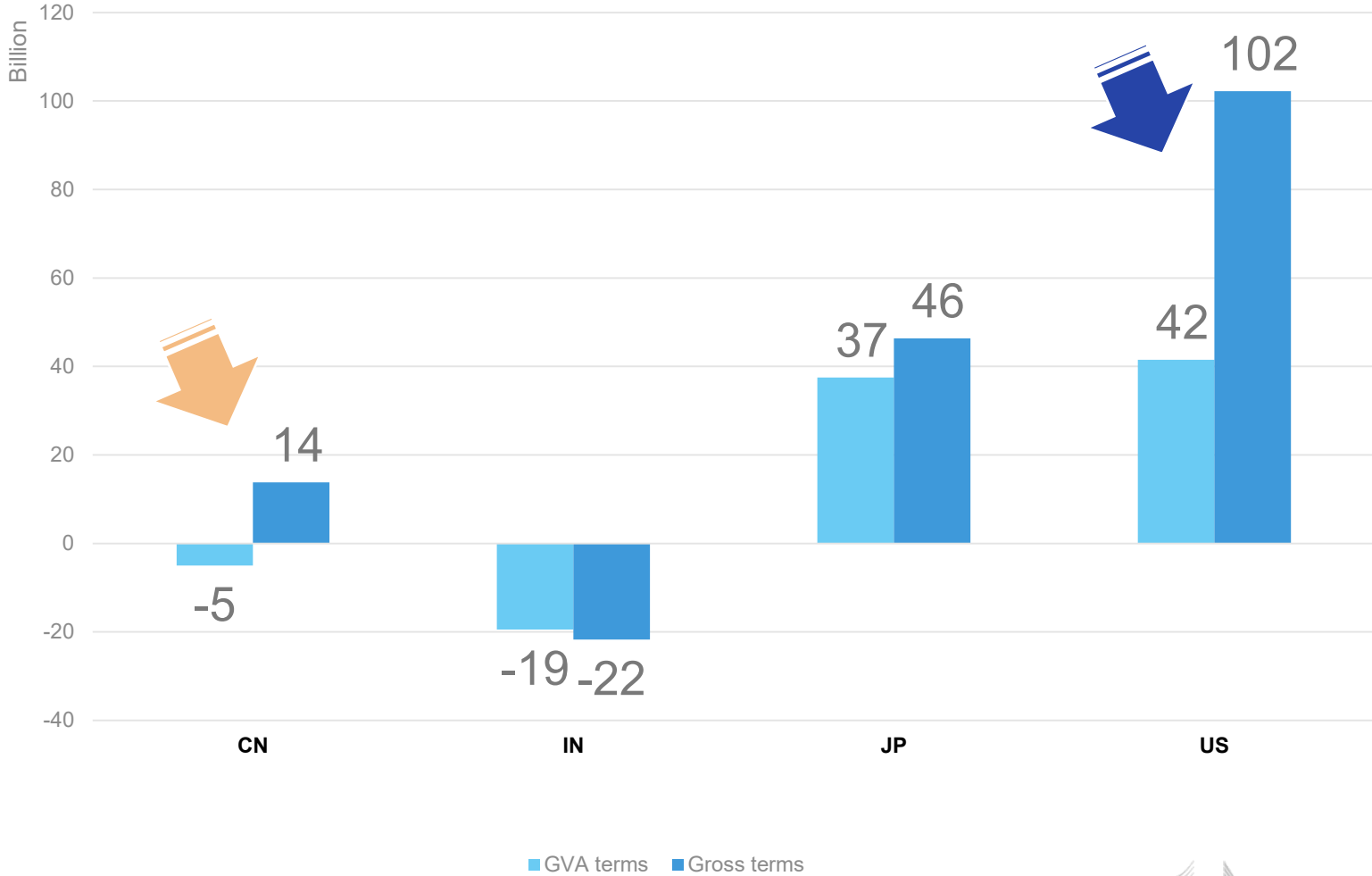

VA generated by EU exports in billion euros

200
400
600

VA exported by other MS

<15%
15-20%
20-25%
25%<

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EU Trade balance variation from 2010-2022

Billion

	CN	IN	JP	US
GVA terms	-5	-19	37	42
Gross terms	14	-22	46	102

■ GVA terms ■ Gross terms

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EU exposure to US

Directly   14%

(1) US final use   6%

(2) US intermediate to US   7%

(3) US intermediate to China, EU, RoW   1%
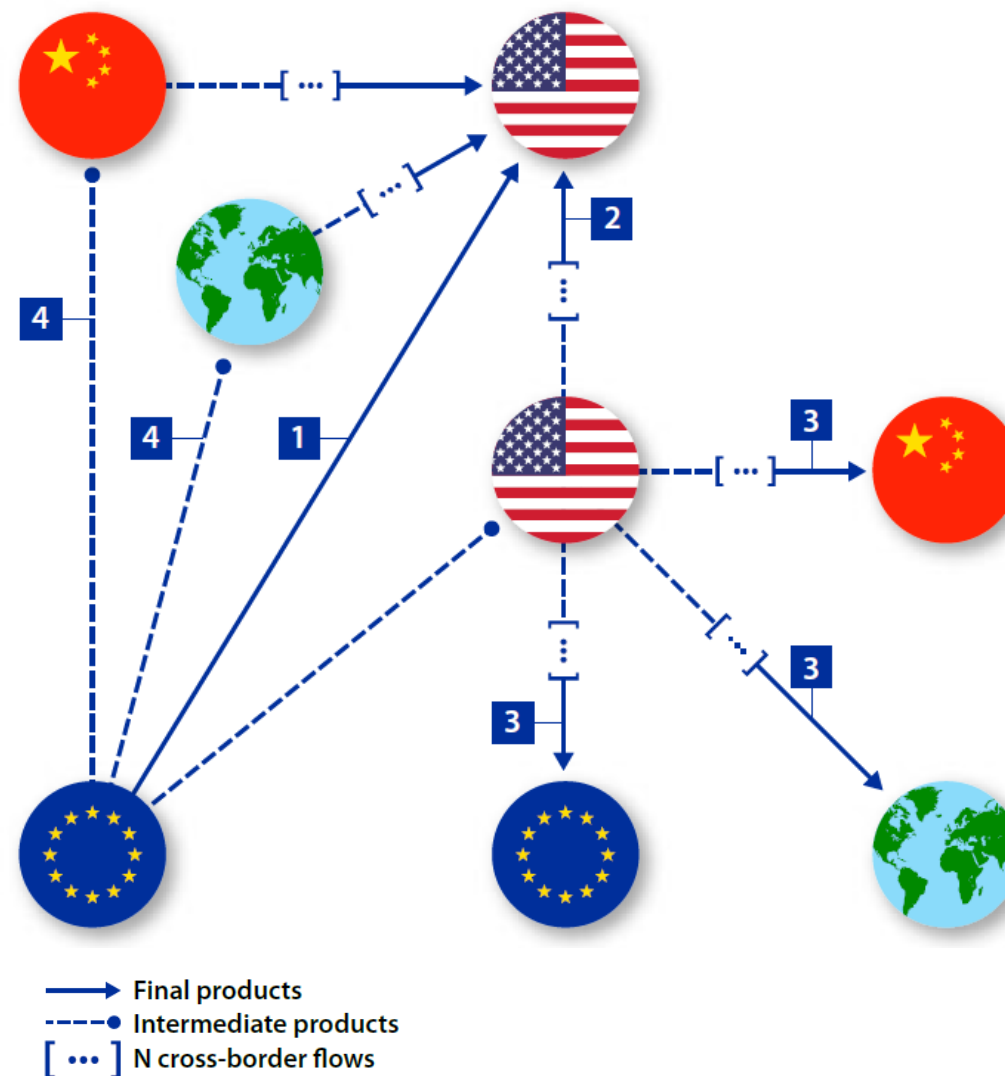
Indirect   3%

(4) via third countries China & RoW

— → Final products

- - • Intermediate products

[···] N cross-border flows

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Thank you

in Cristina Pereira de Sá – Eurostat

in Carlos Torrecilla Salinas – Joint Research Centre

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