

Tectonic shifts in supply chains

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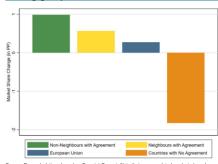
Distribution of countries in trading groups

Source Cown classification based on information on the various trade cooperation agreements of the EU. These include countries with trade agreements that may be in place or provisionally applied, as well as those countries that recently signed Raw Material Partnerships or signatories of the recent 2022 Joint Statement on Cooperation on Global Supply Chains. Besides the UK and EFTA countries, EU neighbours are identified based on information regarding European Neighbourhood Policy and Enlargement available: https://ineighbourhood-enlargements_europeau-fourtiers_europeau-fourtie

Source: Arjona, Connell, and Herghelegiu (2025), SMEP Paper Series

Source: Arjona, Connell, and Herghelegiu (2024), SMEP Paper Series WP28, DG GROW, European Commission: Supply Chain Tectonics. Empirics on how the EU is plotting its path through global trade fragmentation - European Commission

Changes in EU import market shares across trading groups from 2021 to 2023



Source: Own calculations based on Eurostat-Comext. Note that energy related products have been excluded. The graph above shows the changes in market shares held by various trading groups in EU imports from 2021 to 2023 excluding energy related products, measured in percentage points (pp).



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Strategic dependencies (in terms of number of products) Submerable diffinely production plans plans Submerable diffinely production plans plans Return a large large dependencies of surgice hydrocarbons Ferro-mang gases Types of heterocycle compounds hydrocarbons of surgice hydrocarbons Turbles (parts of ruthoplat Jurbo-propellers Types of vehicles Types of vehicles Coll phone Laylong Continues and concentrates Manganesso ores and concentrates Man

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External vulnerabilities in supply chains

External Vulnerability Index (EXVI) across strategic supply chains: EU, China and United States

	Semiconductors	Net-Zero Technologies	Raw materials	All industrial products
*** * * * * * *	0.22	0.18	0.28	0.22
	0.19	0.26	0.32	0.28
* ;:	0.17	0.1	0.24	0.13



Note: EXVI scores: 0= low vulnerability, 1=high vulnerability; Source: European Commission, based on the latest BACI database (2022).

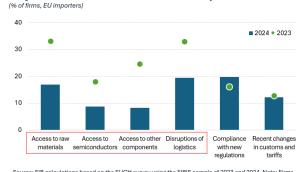
<u>Source:</u> Connell and HO (2025), SMEP Economic Briefs, DG GROW, European Commission EXternal Vulnerability Index (EXVI) - European Commission



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Supply chain distress

Major trade related obstacles for importers

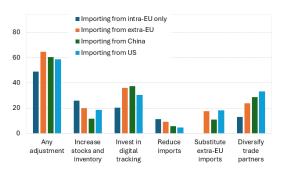


 $\underline{Source}; EIB \ calculations \ based \ on the \ SUCH \ survey \ using the \ EIBIS \ sample \ of \ 2023 \ and \ 2024. \ Note: Firms \ are weighted \ by \ value \ added$

Funded by the European Union

Adjustments, by origin of import

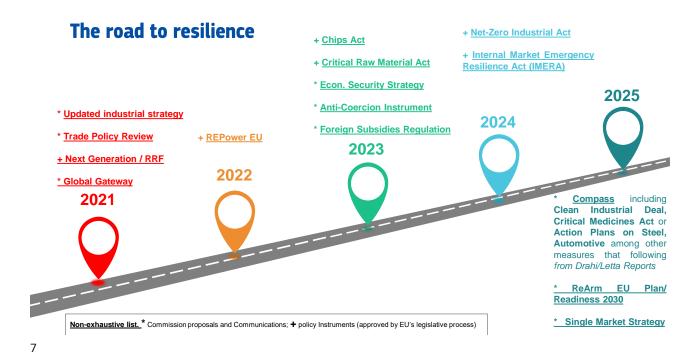
(% of importers, 2024)





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Conclusion

Diagnosis

- Very high levels of **systemic uncertainty** and **policy volatility** worldwide
- Industrial policy is witnessing a renaissance
- Supply chains are undergoing a fast and profound reallocation

Essential that we:

- Equip to understand the impact of changes, and policy (in) actions
- Urgently address **barriers** and **weaknesses** that hold competitiveness back
- Identify $\boldsymbol{challenges}$ and $\boldsymbol{risks},$ yet also $\boldsymbol{strengths}$ to build on

European Commission

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