



QUANTIFICATION OF INDUSTRIAL STRATEGIES

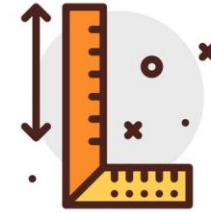
Chiara Criscuolo, OECD

Green industrial transitions in the EU and the US – 13 June 2023





A Comprehensive Approach To Industrial Policy



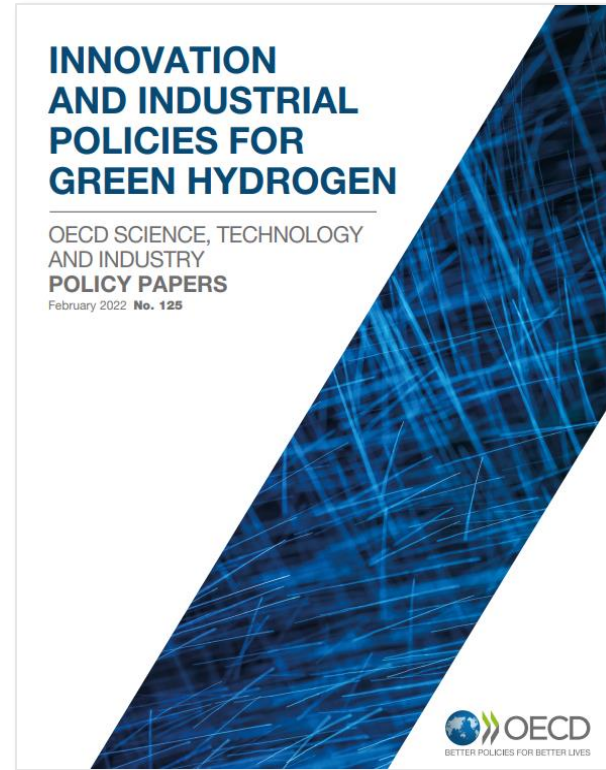
New Industrial Policy Framework

Measurement and benchmarking





Industrial policy in practice





Industrial policy – Definition and objectives

- A broad definition of industrial policy:

Interventions intended to improve structurally the performance of the domestic business sector (including framework conditions, demand-side interventions).

- Not restricted to the manufacturing sector.
- Includes horizontal and targeted policies

Goals
include:

Innovation
**Productivity and
economic growth**

Resilience
**Inclusive
development**

SDGs

**Green
transition**

Competitiveness

**Strategic
autonomy**

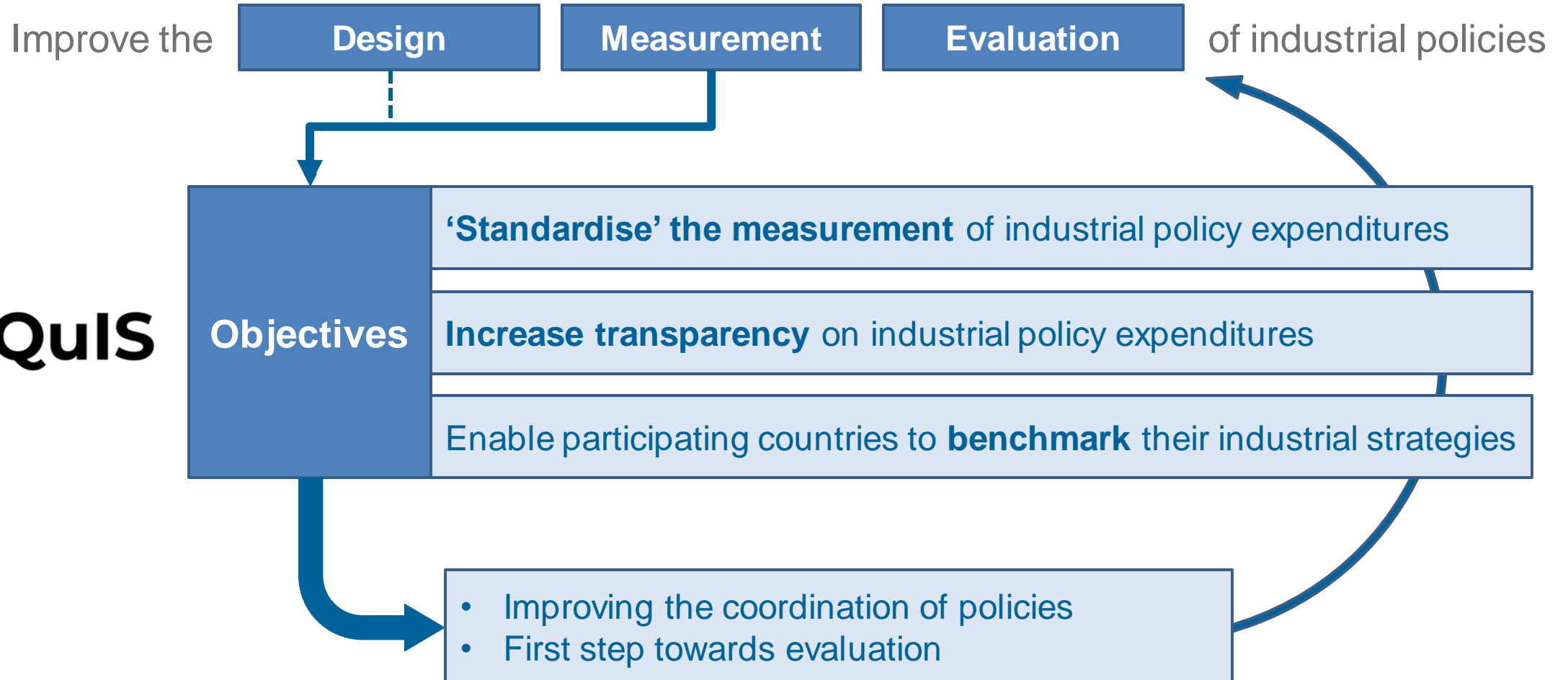


QUIS – MAIN RESULTS



Why?

Motivation and objectives





QuIS – Comparing industrial policy expenditures across countries



Instrument Types	Eligibility Criteria
Grants and Tax Expenditures	Digital
Grants	Green
Tax expenditures	Sectoral
Financial Instruments	Technology
Loans and loan guarantees	SMEs and young firms
Venture capital	R&D
	Jobs / skills

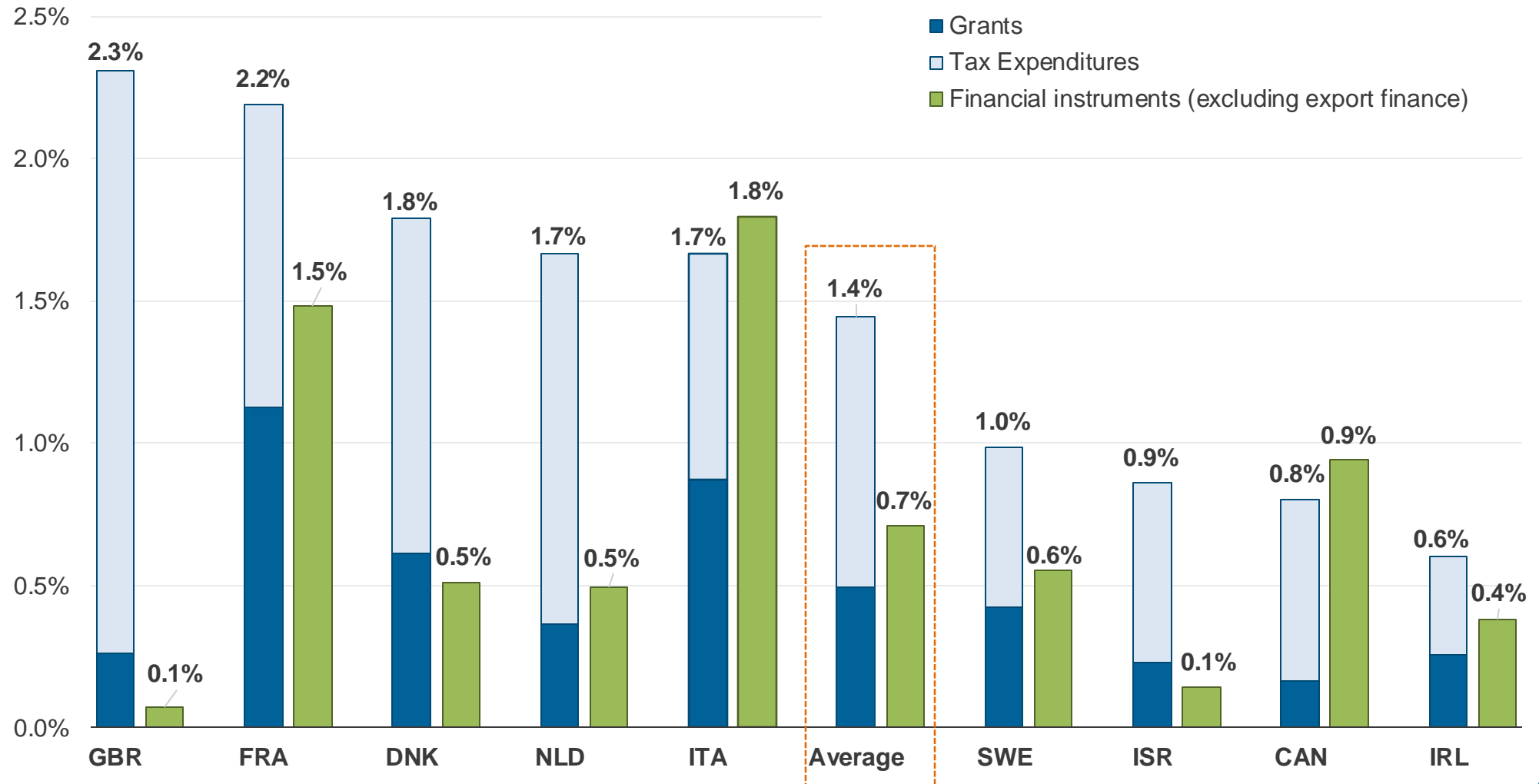
- **9 participant countries, of which 4 of the G7 countries**
- **~1 050 policy instruments** per year, 2019-2021
- Instruments collected from publicly available sources (threshold 0.002% of GDP):
 - Budgetary documents; Reports of government agencies; Governmental websites.
- Harmonised concepts based on an agreed and published methodology ([Criscuolo, Lalanne and Diaz, 2022](#)).
- Quality checks with complementary sources (e.g. OECD Stip Compass, GTED database, ...)
- Data verified by the participating countries
- Covid emergency support is covered separately



Industrial policies are sizeable

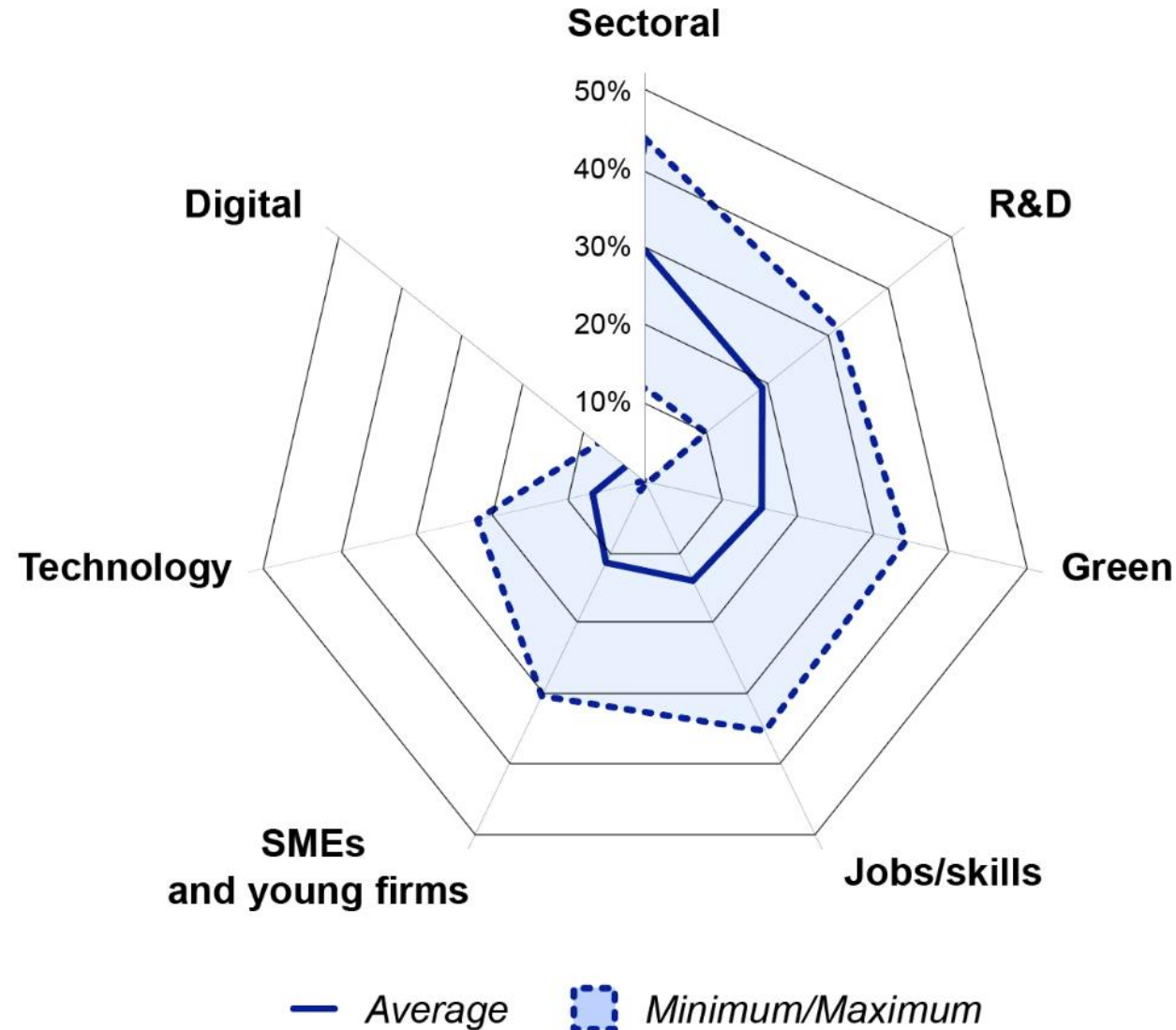


Grants and tax expenditures and Financial instruments separated by type in 2021, in % of GDP





Industrial policies are still dominated by a sectoral approach

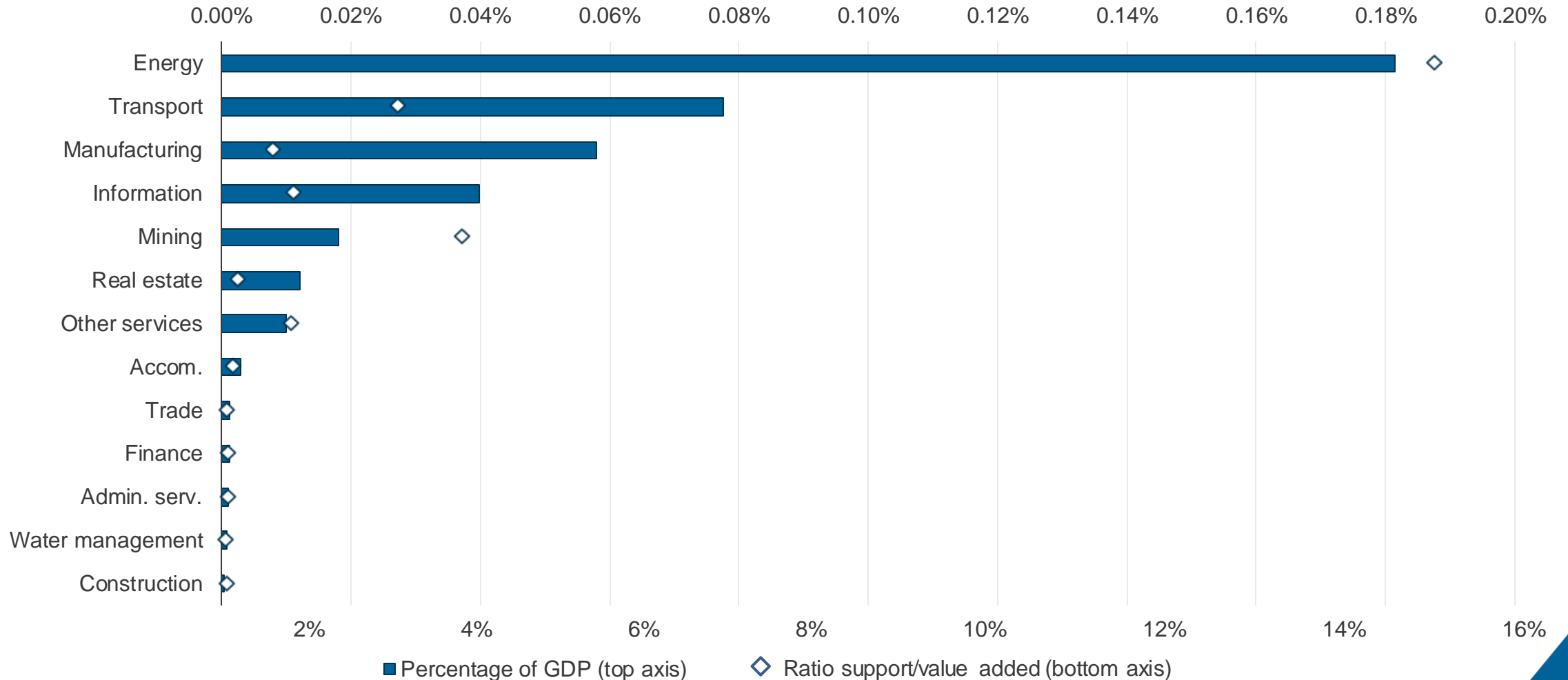




The most supported sectors are energy, transport and manufacturing



Sectoral grants and tax expenditures by sector in 2021, *average across countries*

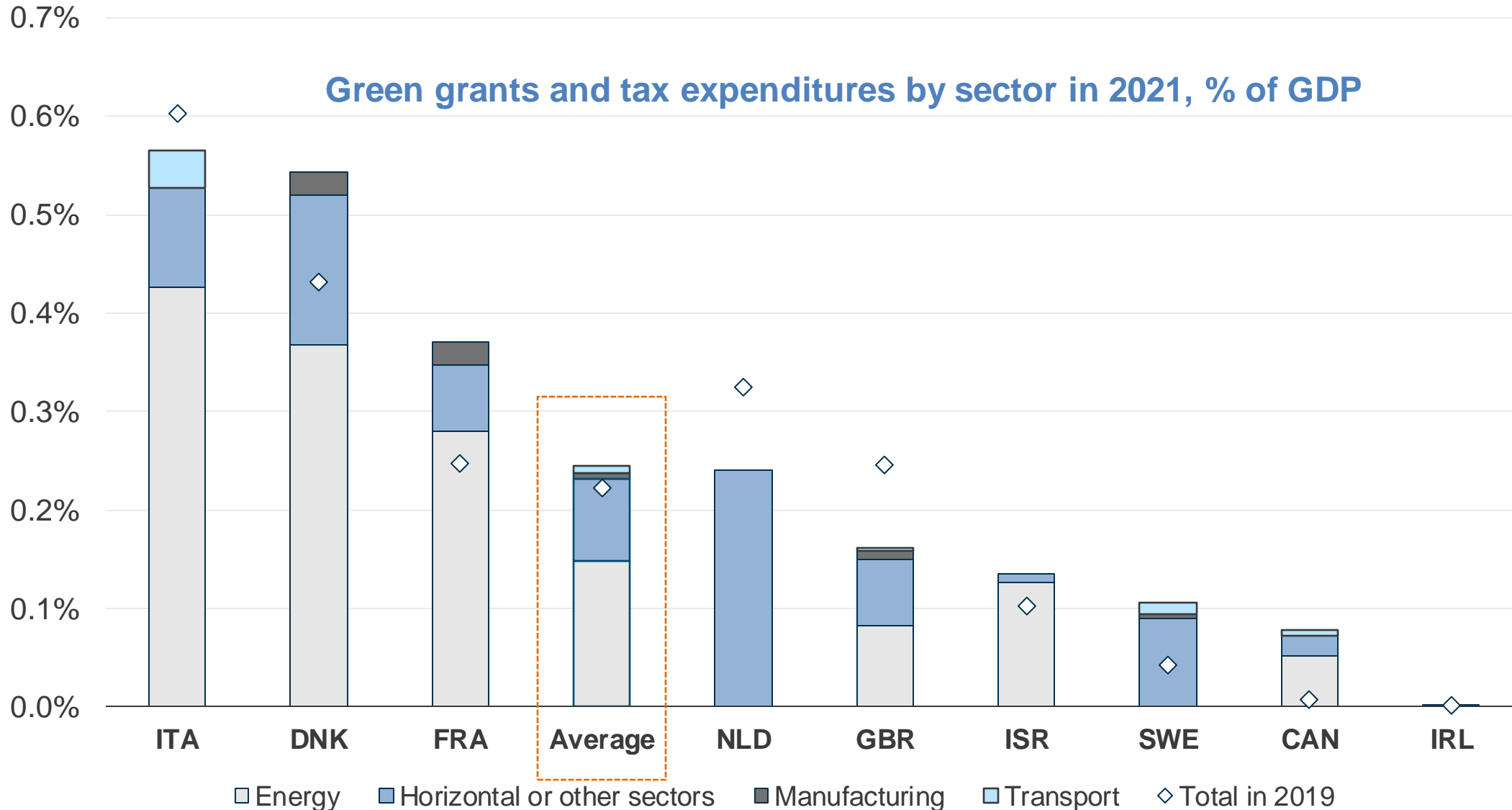




QUANTIFYING THE GREEN DIMENSION OF INDUSTRIAL STRATEGIES



Green instruments are on the rise and target the energy sector

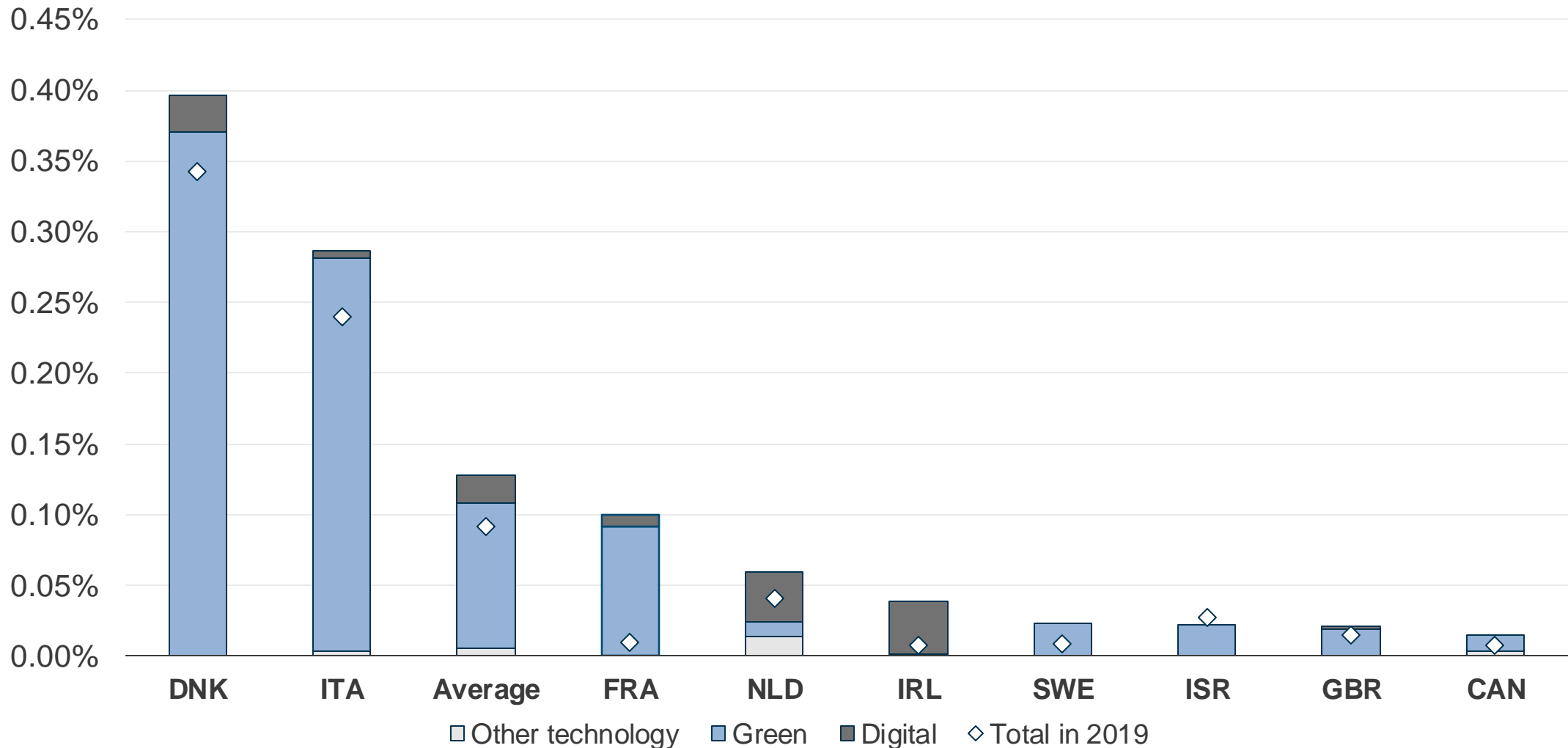




The growth of green instruments is triggering a revival of techno-specific instruments



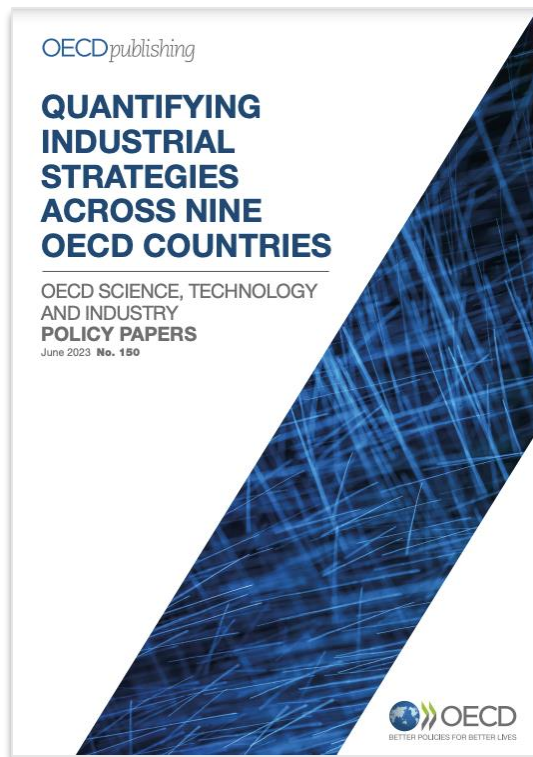
Technology-focused grants and tax expenditures by broad technology in 2021, % of GDP



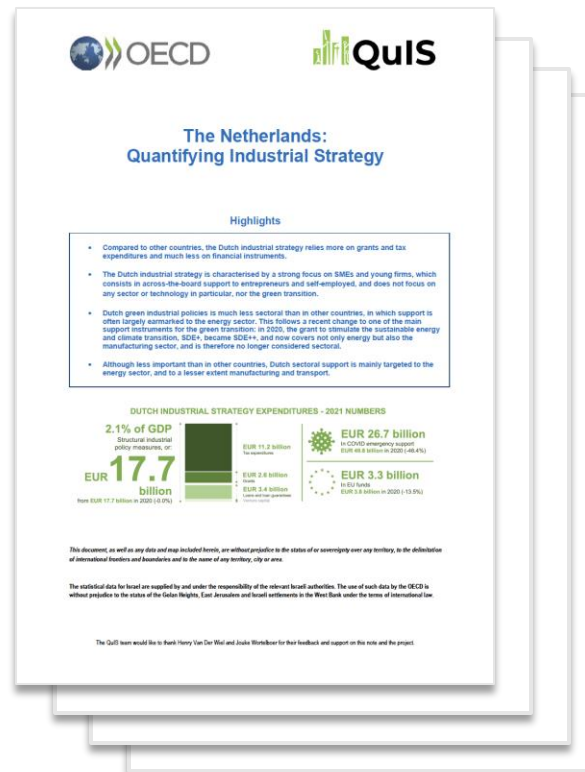


Thank you!

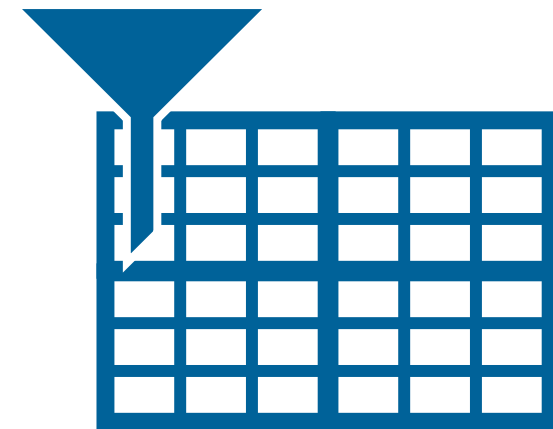
Report



Country Notes



Database



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