



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

A woman with dark hair, wearing an orange hard hat and a blue and yellow safety vest, is smiling and holding a tablet. She is in a factory or industrial setting with blue machinery in the background.

Regional assessment of progress towards achieving SDG-9 industry-related targets

UNIDO Statistics Division



UNIDO and the 2030 Agenda



Inclusive and sustainable industrial development (ISID)

- UNIDO's mission is to **promote and accelerate inclusive and sustainable industrial development** in Member States.
- "Inclusive" in this context means that industrial development must include all countries and all people, and **offer equal opportunities** and an **equitable distribution of the benefits** of industrialization to all stakeholders.
- "Sustainable" addresses the need to **decouple** the prosperity generated from industrial activities from excessive natural resource use and negative environmental impacts.

Sustainable Development Goal 9 (SDG 9)

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



9 INDUSTRIES, INNOVATION AND INFRASTRUCTURE



- Inclusive and sustainable **industrialization**, together with **innovation** and **infrastructure**, can unleash dynamic and competitive economic forces that generate employment and income
- They play a key role in introducing and promoting know-how and new technologies, accelerating international trade and enabling the efficient use of resources



INFRASTRUCTURE

9.1.1 Proportion of the rural population who live within 2 km of an all-season road

9.1.2 Passenger and freight volumes, by mode of transport

9.a.1 Total official international support (official development assistance plus other official flows) to infrastructure

INNOVATION

9.c.1 Percentage of population covered by a mobile network, by technology

9.5.1 Research and development expenditure as a percentage of GDP

9.5.2 Researchers (in full-time equivalent) per million inhabitants

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



INDUSTRY

9.2.1 Manufacturing value added as a proportion of GDP and per capita

9.2.2 Manufacturing employment as a proportion of total employment

9.3.1 Percentage share of small-scale industries in total industry value added

9.3.2 Percentage of small-scale industries with a loan or line of credit

9.4.1 CO2 emission per unit of value added

9.b.1 Percentage of medium and high-tech manufacturing value added in total value added

ISID and SDG 9 industry indicators

SDG 9 industry-related targets cover all three dimensions of sustainable development

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Advancing economic competitiveness

- 9.2.1: Manufacturing value added as a proportion of GDP and per capita
- 9.b.1: Proportion of medium and high-tech industry value added in total value added

Creating shared prosperity

- 9.2.2: Manufacturing employment as a proportion of total employment
- 9.3.1: Proportion of small-scale industries in total industry value added
- 9.3.2: Proportion of small-scale industries with a loan or line of credit

Safeguarding the environment

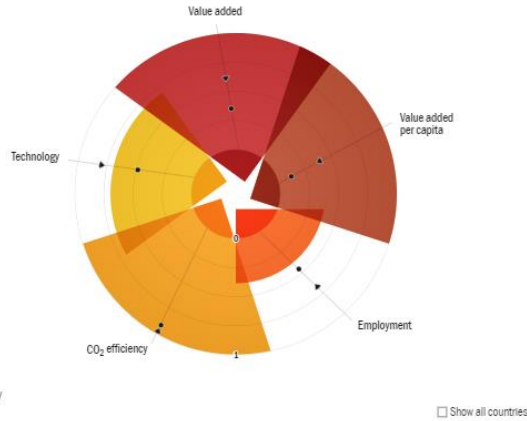
- 9.4.1: CO₂ emissions per unit of value added

UNIDO's SDG-9 Industry Tracker

What drives SDG-9 Industry performance in Ireland?

SDG-9 Industry Index

= 1st



Index rank

Rank		Change (2000-2017)
1	Ireland	=
2	China, Taiwan Province	+4
3	Switzerland	-
4	Germany	-
5	Korea, Rep.	+4
6	Czechia	+17
7	Singapore	-5
8	Japan	-3
9	Austria	-
10	Slovenia	-
11	Slovakia	-
12	Hungary	-
13	Finland	-
14	Denmark	-
15	Italy	-
16	Sweden	-

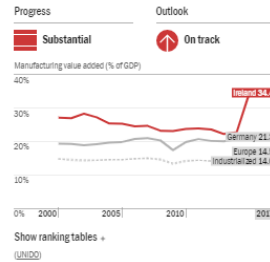
UNIDO

Explore a country's progress towards achieving industrial development targets

How much progress has Ireland made towards the SDG-9 Industry targets?

Value added

↑ 1st



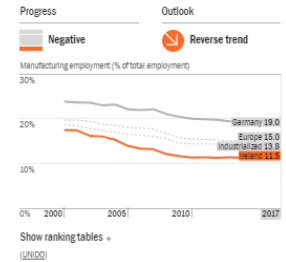
Value added per capita

↑ 1st

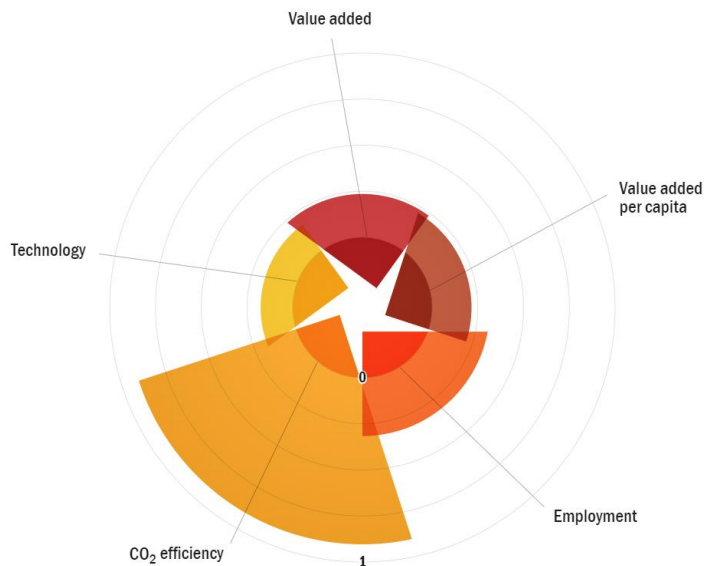


Employment

↓ 60th



UNIDO's SDG-9 Industry Index



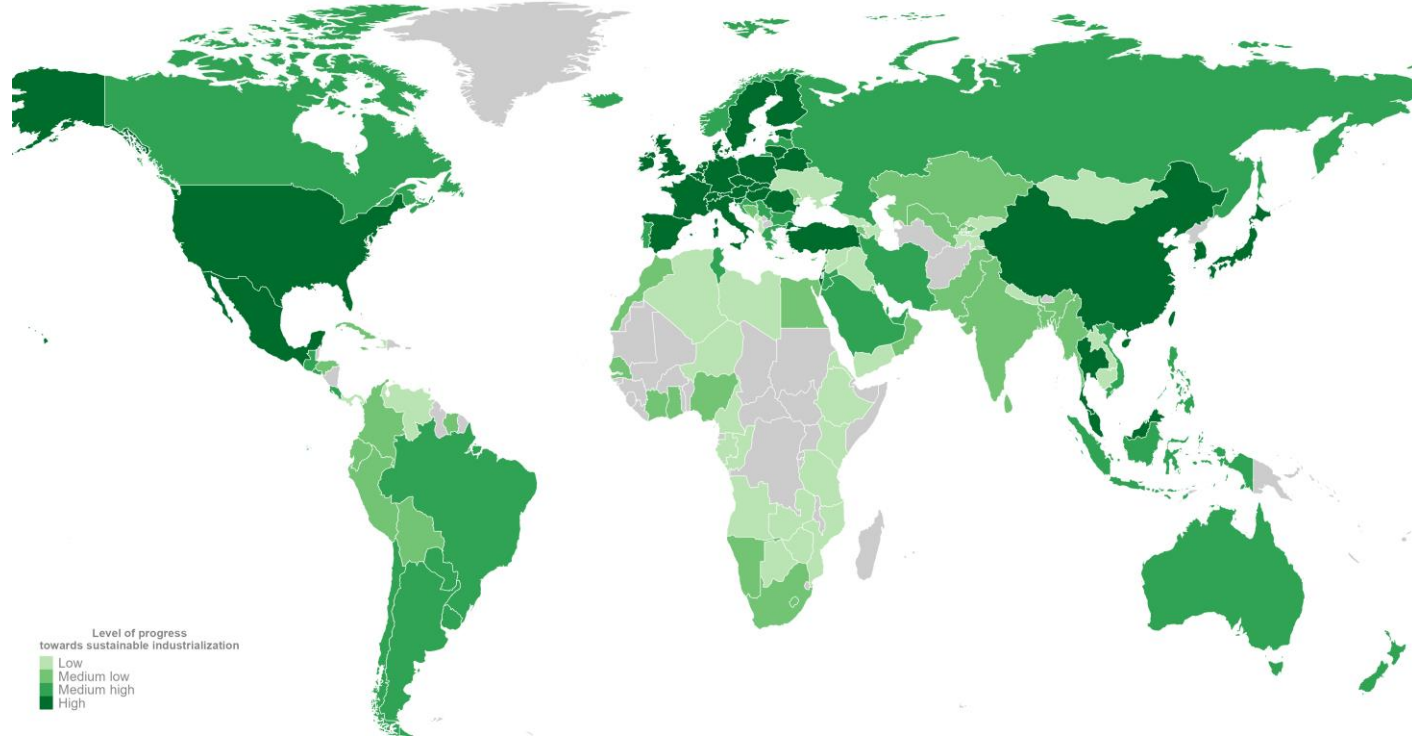
SDG-9 Industry Index: Composite measure benchmarking countries' performance towards SDG-9 industry-related targets

- **The SDG-9 Industry Index**

- Captures 5 industry-related indicators of Goal 9 (9.2.1, 9.2.2, 9.4.1, 9.b.1)
- Is one single measure comprising of various dimensions
- Is a great tool for increasing awareness and gaining attention of broader audience
- **Composite measures are thus better invitations to closer investigation of their components**



UNIDO's SDG-9 Industry Index 2019



UNIDO's SDG-9 Industry Progress and Outlook

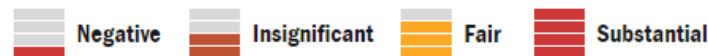
SDG Targets	Indicators
<p>9.2 Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries</p>	<p>9.2.1 Manufacturing value added (share in GDP, per capita)</p> <p>9.2.2 Manufacturing employment, in percent to total employment</p>

Progress and Outlook:

Tracking country progress towards achieving SDG-9 targets by 2030

Progress: How much progress has been made since 2000?

- Based on existing data from 2000 until now
 - Evaluate country progress with respect to the SDG region
 - LDCs: double their share as indicated in 9.2 target



Outlook: How likely will the targets be achieved by 2030?

- Forecasting country data series until 2030



UNIDO Industrial Analytics Platform (IAP)

The Industrial Analytics Platform (IAP) provides novel insights into industrial development around the world

- **DATA EXPLORER:** An innovative way to explore industrial indicators that aggregates trade and manufacturing data under a single domain
- **ARTICLES:** Data-driven, accessible to a non-technical audiences, addressing policy issues and setting the scene for communicating on technical topics of industrialization

Industrial Analytics Platform



COVID-19, lockdowns and international trade:
Evidence from firm-level data



Circular Economy to fight climate change: Are
countries walking the talk?

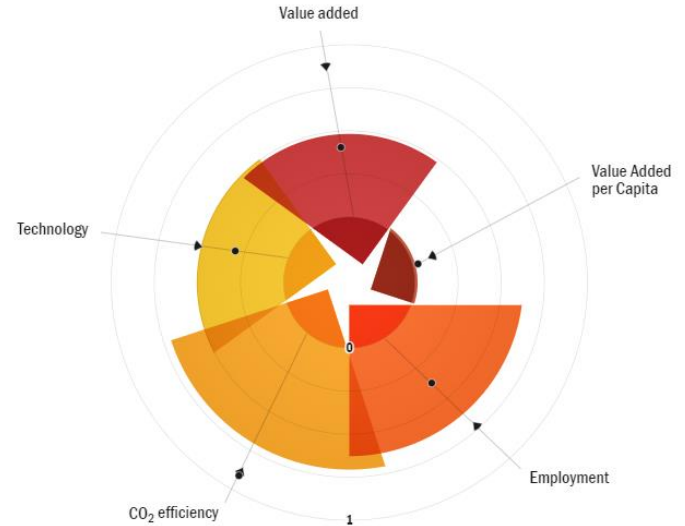
Harnessing the power of data
for inclusive and sustainable
industrial development





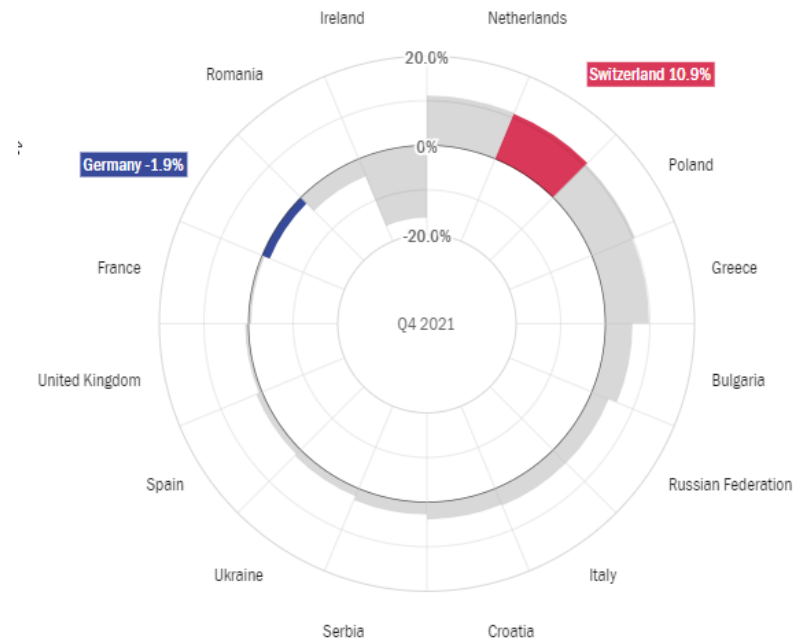
SDG-9 Industry Tracker

What drives SDG-9 Industry performance and how much progress has been made towards the SDG-9 Industry targets?



Quarterly Production Tracker

Which industry is the driving force behind current manufacturing performance?





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THANK YOU!