

AN OVERVIEW OF THE OECD GOING DIGITAL TOOLKIT

29 May 2024

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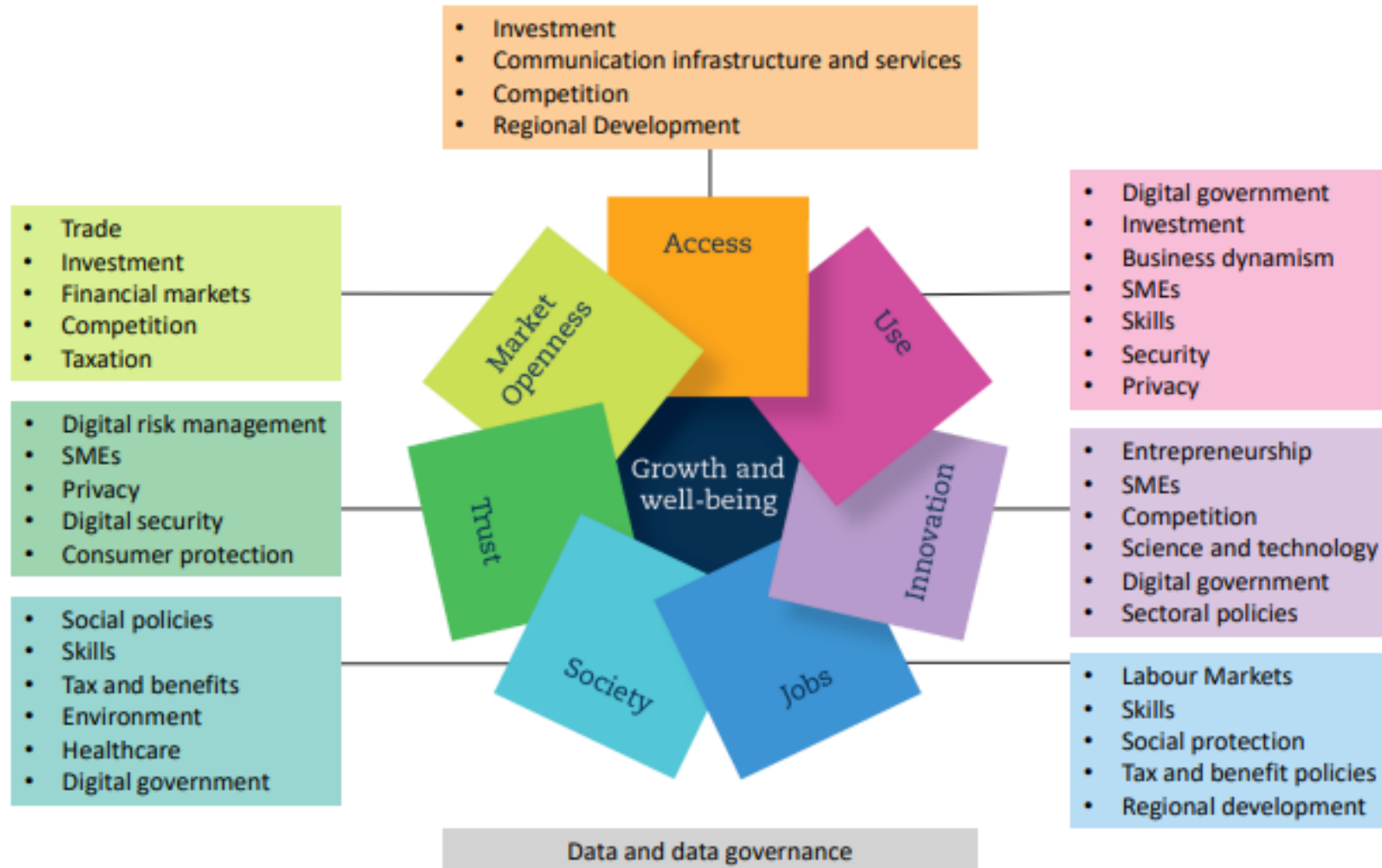
- 1. The OECD Going Digital Toolkit**
- 2. The databases used on the Toolkit**
- 3. OECD/WPDEMA digital measurement activities**



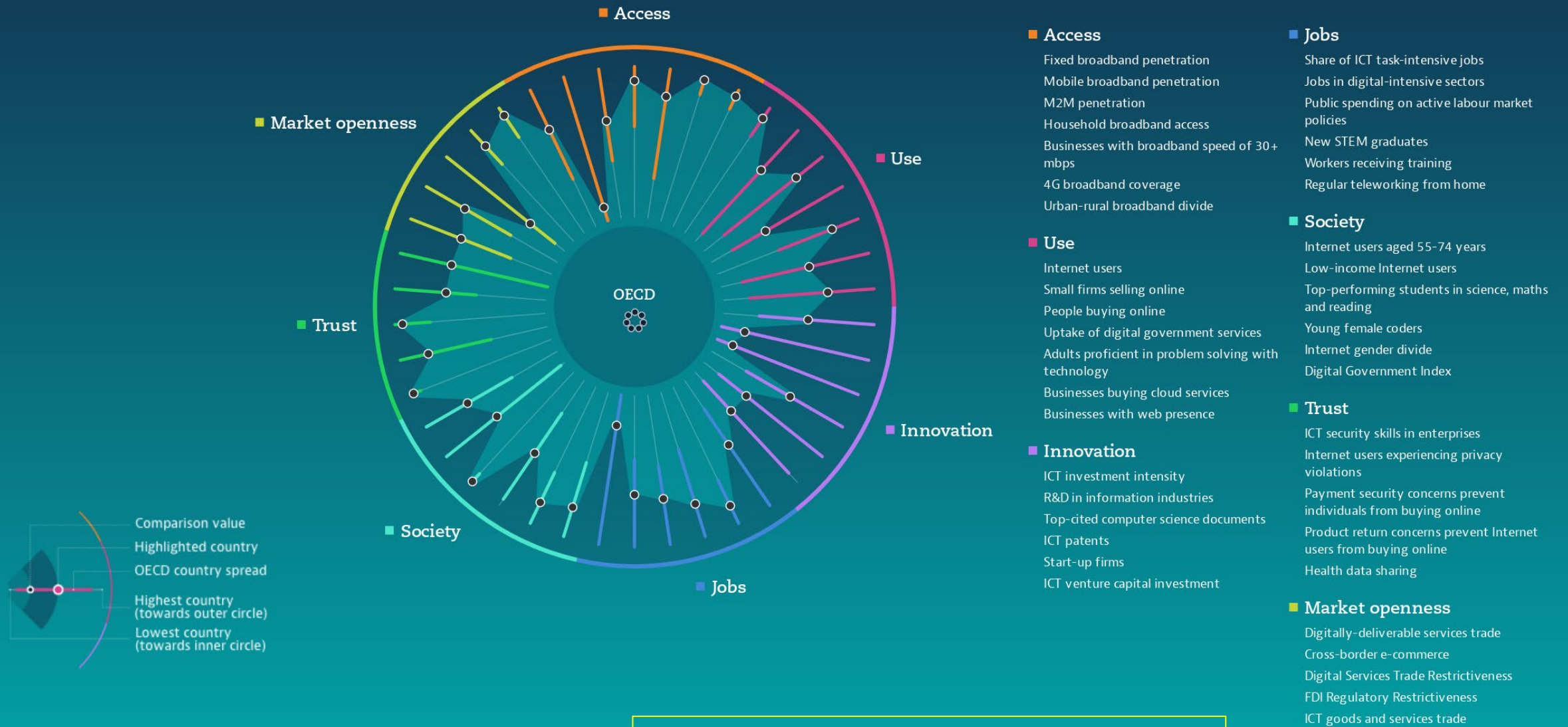
The Going Digital Toolkit

Going Digital Integrated Policy Framework

The Framework's 38 policy domains across its seven dimensions



Indicator labels are ordered clockwise



<https://goingdigital.oecd.org/en/indicators>

Source: OECD Going Digital Toolkit, <https://www.oecd.org/going-digital-toolkit>

The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.

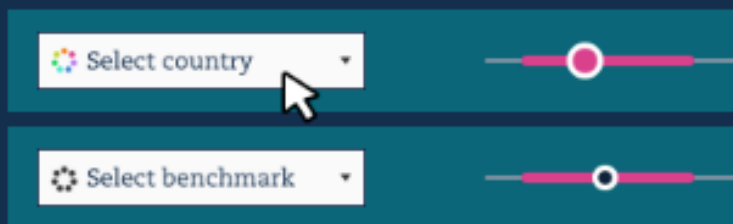
Top-level “hero” visualisation

How to read the visualisation

The visualisation shows all of the Going Digital indicators at a glance, grouped into 7 policy dimensions. Explore further by clicking on a dimension or an indicator.

Data

You can compare one country to another or to OECD and EU benchmarks.

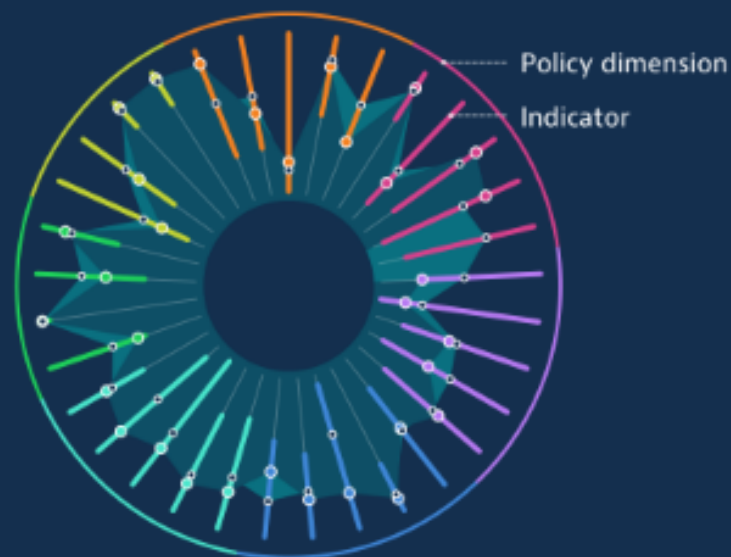


The interface features two teal-colored horizontal bars. The top bar contains a white dropdown menu with the text "Select country" and a downward arrow. A mouse cursor is positioned over the dropdown. To the right of the dropdown is a horizontal pink bar with a white circle in the center. The bottom bar contains a white dropdown menu with the text "Select benchmark" and a downward arrow. To the right of the dropdown is another horizontal pink bar with a white circle in the center.

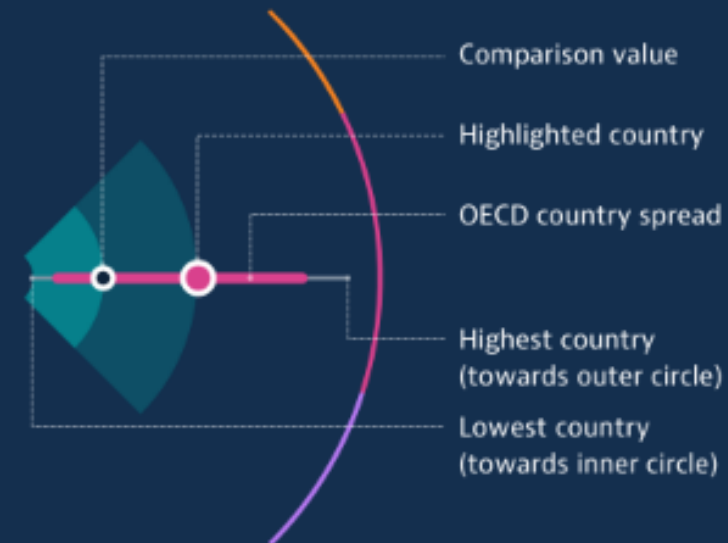
Country value	Reference value
Score 91	Score 76

Scores express each country value as a proportion of the best performing country value, which is set equal to 100.

Indicator overview



Single indicator



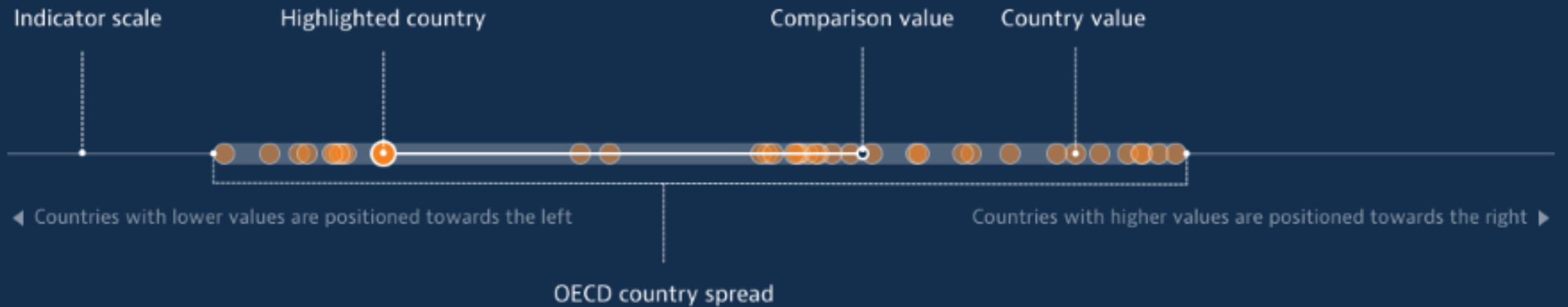
Second-level “spindle” visualisation



How to read the visualisation



Each indicator is represented on a different scale. Countries with lower values are positioned towards the left and countries with higher values towards the right.



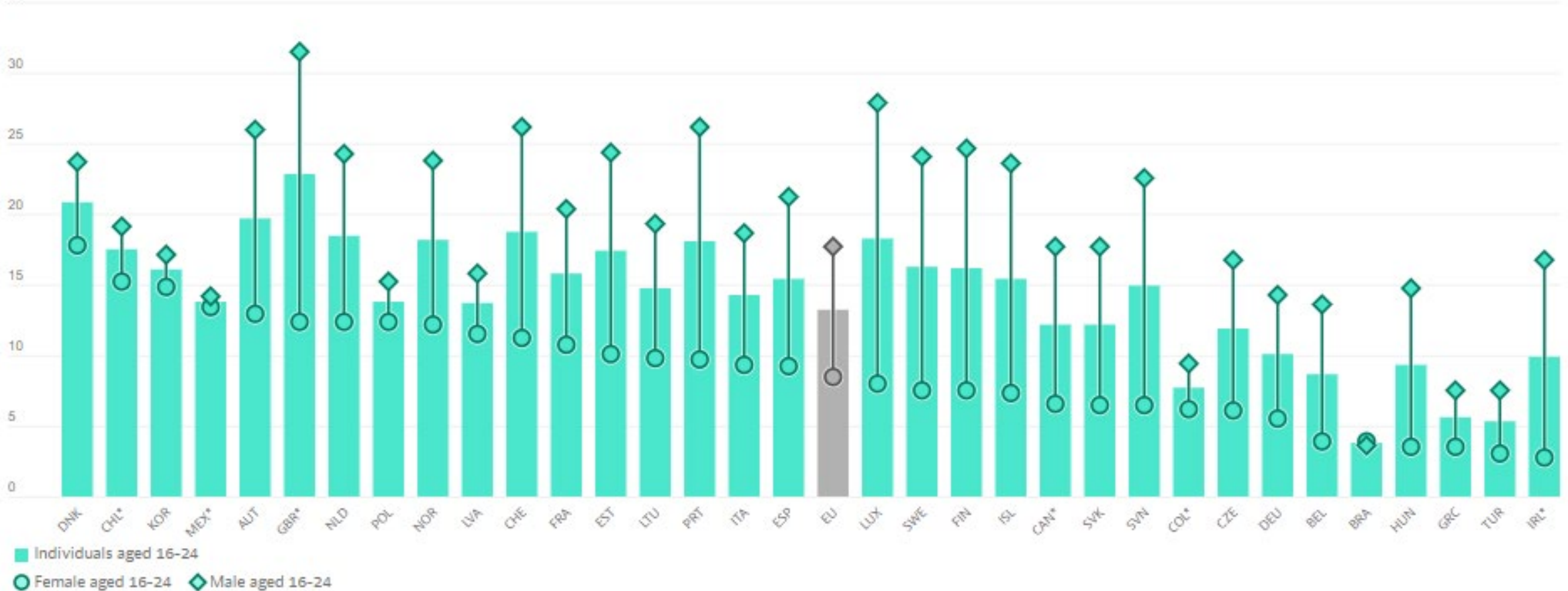
Third-level interactive charts

Women as a share of all 16-24 year-olds who can program

2021

% of each age and gender group

35

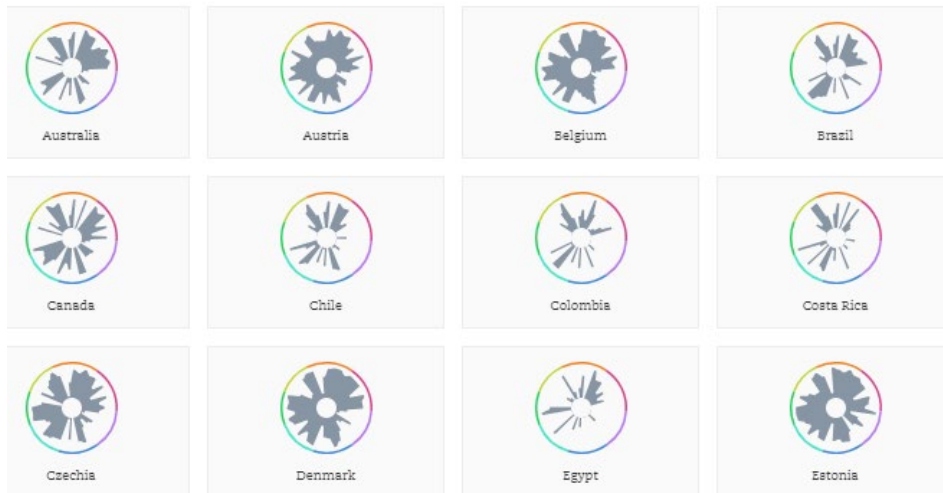
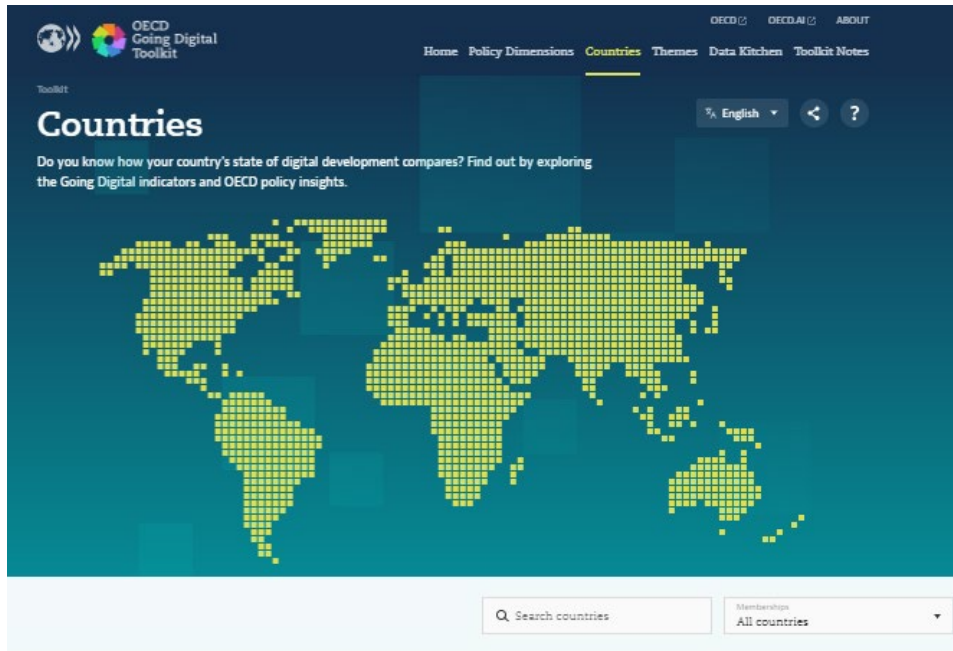


* Relates to a less-recent year.

Source: The OECD Going Digital Toolkit, based on the OECD ICT Access and Usage by Households and Individuals Database, <http://oe.cd/hhind>.

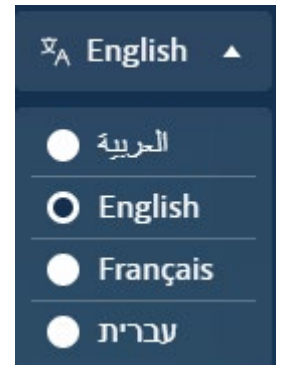
View online: <https://goingdigital.oecd.org/indicator/54>

Country pages

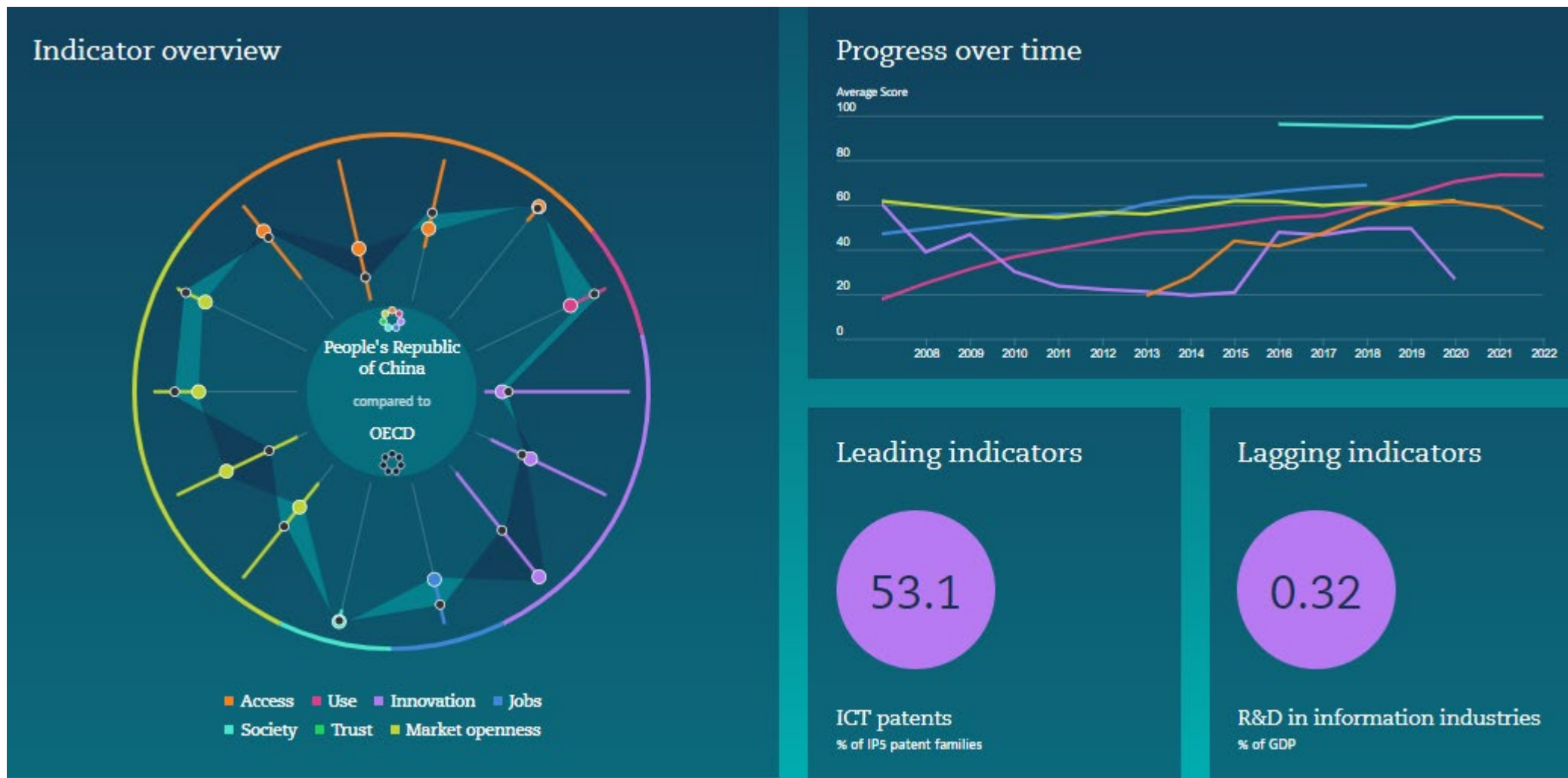


40 Countries

4 languages



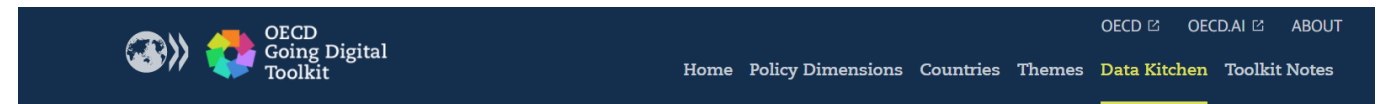
People's Republic of China – Country page



“Data Kitchen” explorer feature

The **Data Kitchen** allows for a wide exploration of the Toolkit’s underlying databases

- Explore by **actors, databases, or themes**
- **Compare indicators and switch dimensions**
- Use a wide range of chart types



<https://goingdigital.oecd.org/datakitchen>



Going Digital Toolkit Measurement Notes

- Making economics statistics visible in **Digital Supply-Use tables**,
<https://doi.org/10.1787/91cbdd10-en>
- Measuring **digital trade**,
<https://doi.org/10.1787/48e68967-en>
- Measuring **well-being** in the digital age,
<https://doi.org/10.1787/1891bb63-en>
- Measuring the economic **value of data**,
<https://doi.org/10.1787/f46b3691-en>





The databases used on the Toolkit

A wide range of databases are used on the Toolkit



- 1. National accounts**
- 2. Labour Force Surveys**
- 3. OECD databases**
- 4. ICT Access and Use Surveys**
- 5. Other IO databases**
- 6. Private sources**

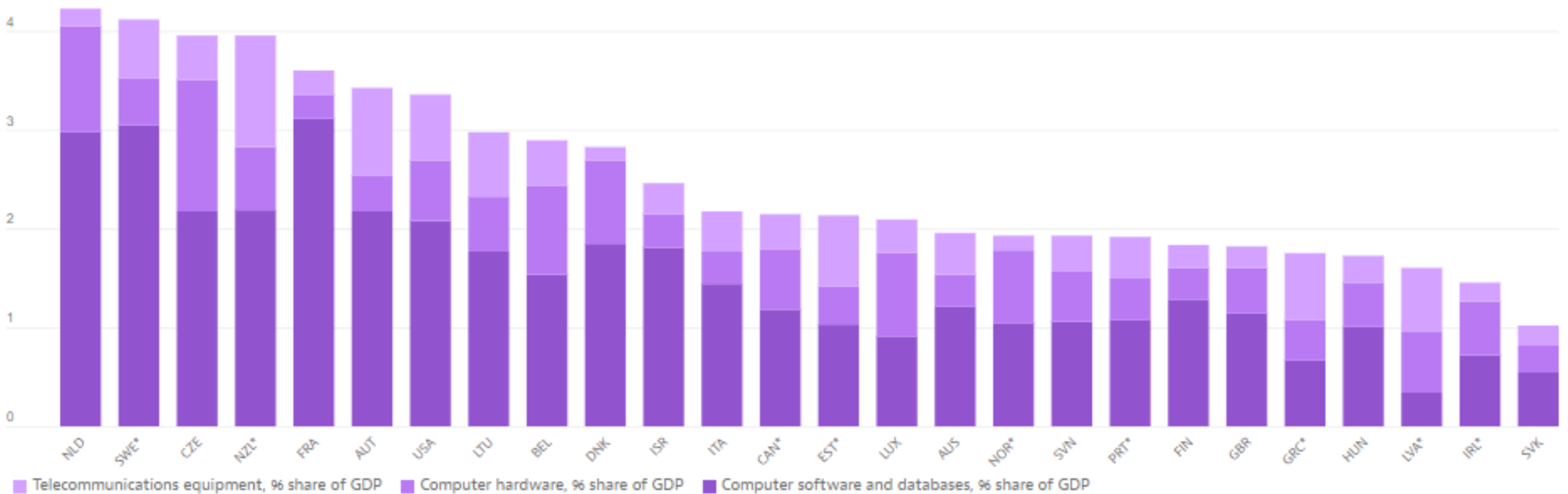
1. National Accounts

ICT investment as a share of GDP

2017

% of GDP

5



* Relates to a less-recent year.

Source: The OECD Going Digital Toolkit, based on the OECD National Accounts [Database](#), the Eurostat National Accounts [Database](#) and national sources.

View online: <https://goingdigital.oecd.org/indicator/30>

2. Labour Force Surveys

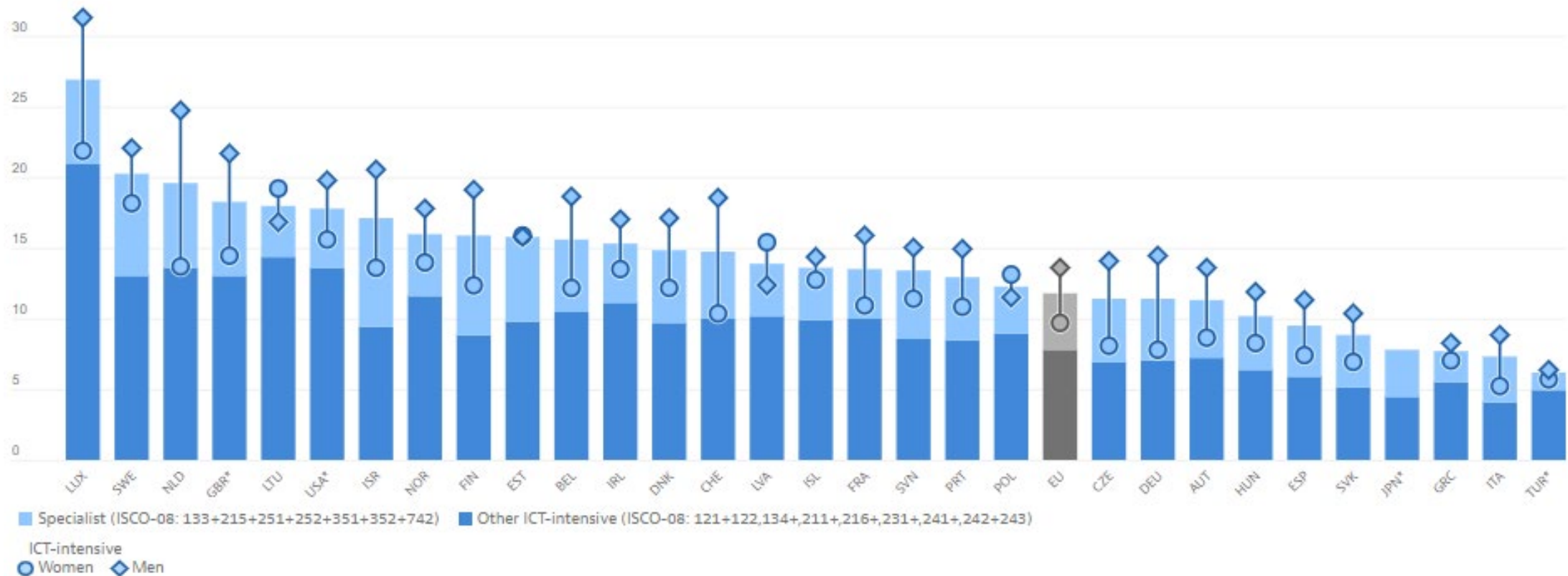
Share of ICT task-intensive jobs

Total economy

2021

% of jobs

35



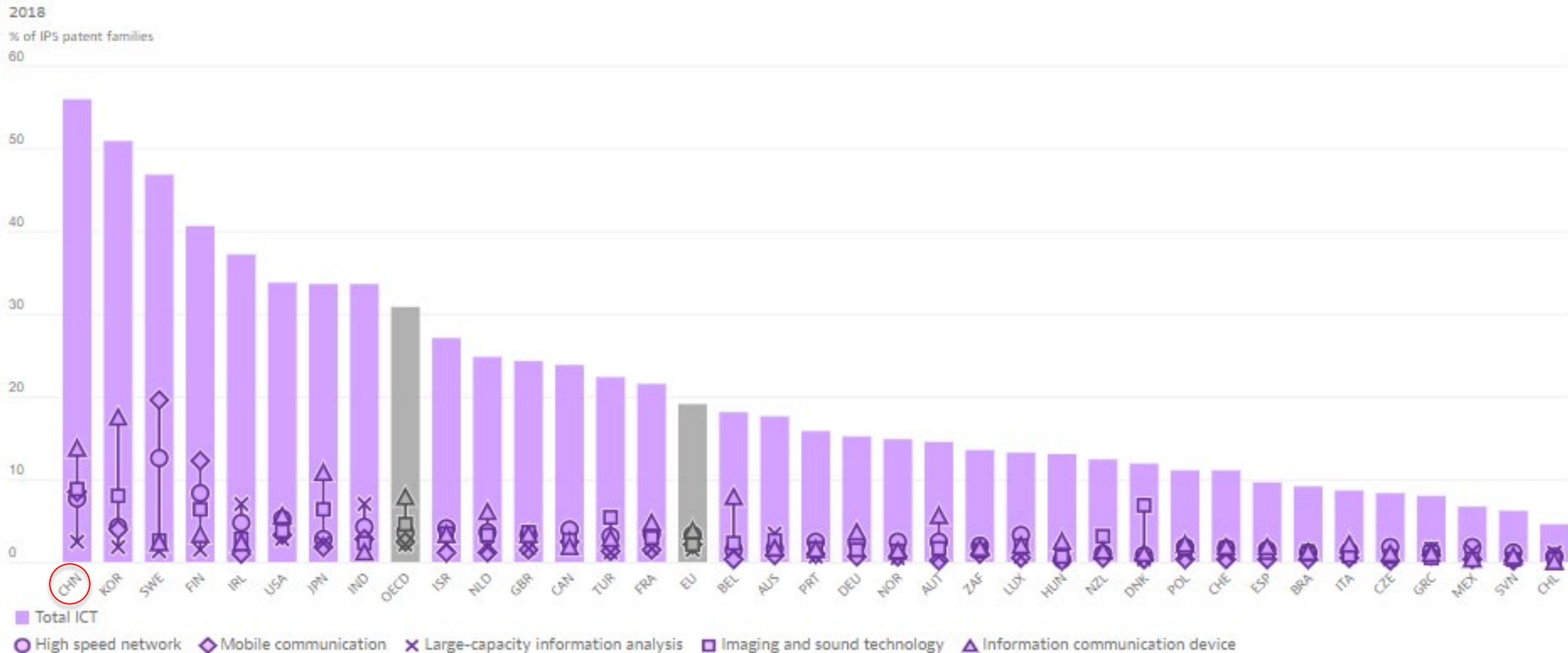
* Relates to a less-recent year.

Source: The OECD Going Digital Toolkit, based on European Labour Force Surveys, national labour force surveys and other national sources.

View online: <https://goingdigital.oecd.org/indicator/40>

3. OECD Databases: Patent Database

Patents in ICT-related technologies, as a share of total IP5 patent families



Source: The OECD Going Digital Toolkit, based on the OECD STI Micro-data Lab: Intellectual Property Database, <http://oe.cd/ipstats>.

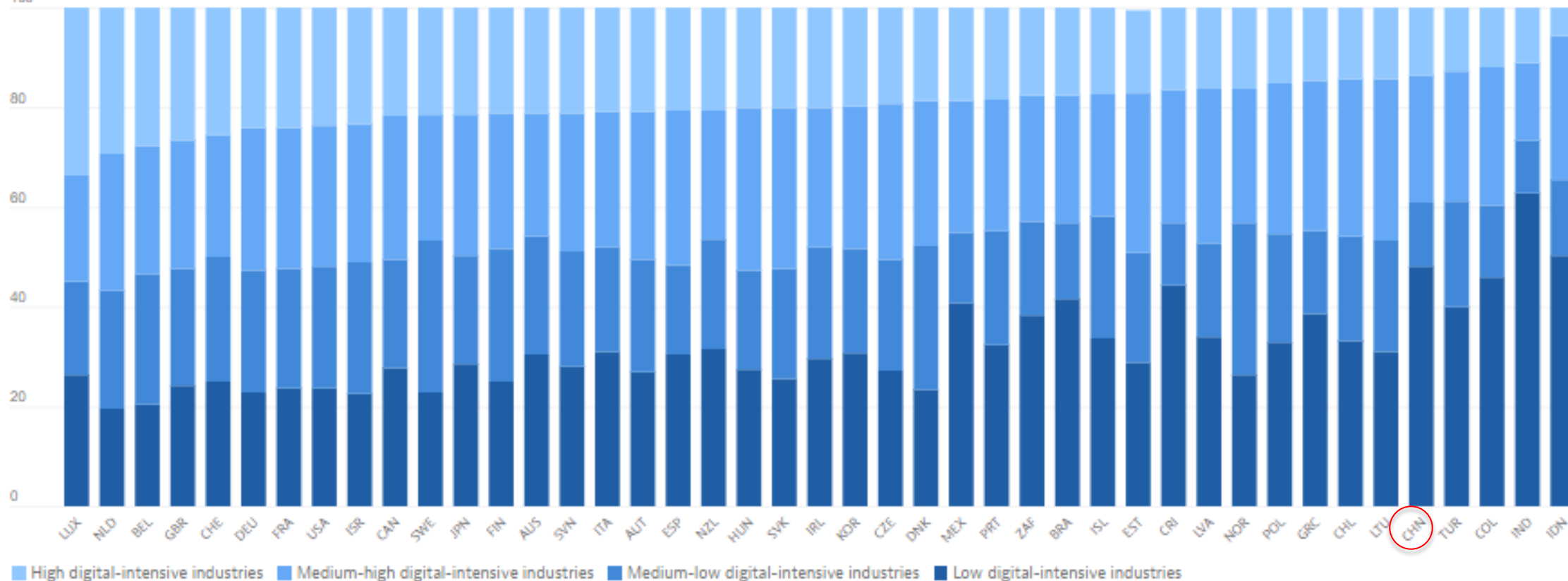
View online: <https://goingdigital.oecd.org/indicator/33>

3. OECD Databases: Structural Analysis (STAN)

Digital-intensive sectors' share in total employment

2018

% of jobs
100



Source: The OECD Going Digital Toolkit, based on the OECD Structural Analysis (STAN) Database, <http://oe.cd/stan> and the OECD Trade in Employment Database, <http://oe.cd/io-emp>.

View online: <https://goingdigital.oecd.org/indicator/41>

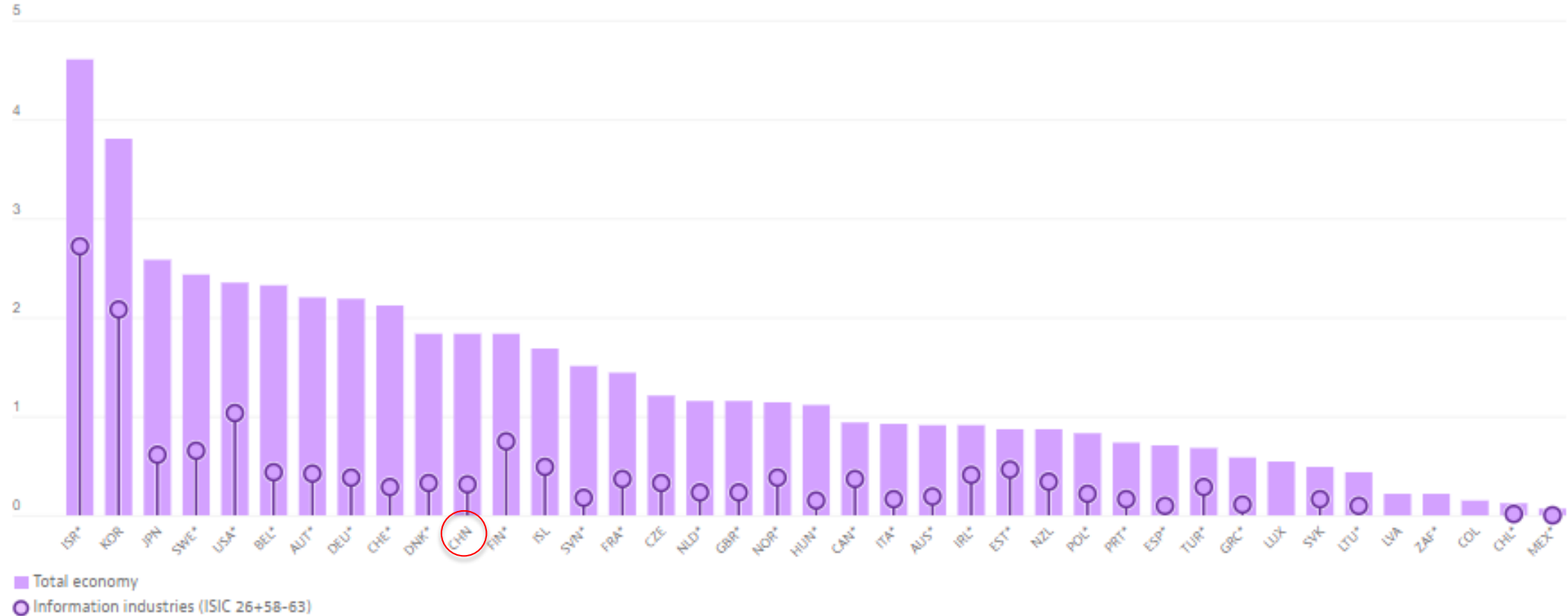
3. OECD Databases: Analytical Business Enterprise R&D (ANBERD)

Business R&D expenditure in information industries as a share of GDP

As a percentage of GDP

2020

% of GDP



* Relates to a less-recent year.

Source: The OECD Going Digital Toolkit, based on the OECD Analytical Business Enterprise R&D (ANBERD) Database, <http://oe.cd/anberd>, and the Main Science and Technology Indicators (MSTI) Database, <http://oe.cd/msti>.

View online: <https://goingdigital.oecd.org/indicator/31>

4. ICT Access and Use Surveys

Share of businesses purchasing cloud services



* Relates to a less-recent year.

Source: The OECD Going Digital Toolkit, based on the OECD ICT Access and Usage by Businesses Database, <http://oe.cd/bus>.

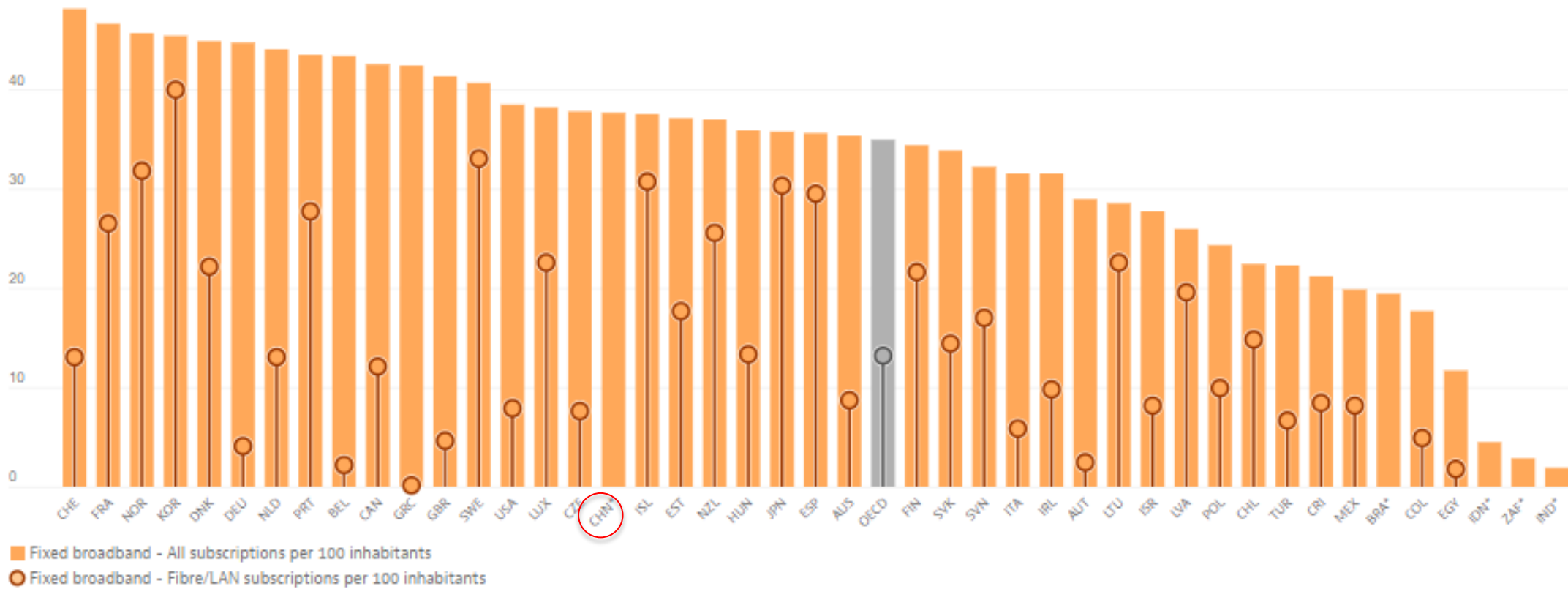
View online: <https://goingdigital.oecd.org/indicator/25>

5. Other IO Databases

Fixed broadband subscriptions per 100 inhabitants

2022

Subscriptions per 100 inhabitants
50



* Relates to a less-recent year.

Source: The OECD Going Digital Toolkit, based on the OECD Broadband Portal <http://www.oecd.org/sti/broadband/broadband-statistics> and the ITU World Telecommunication/ICT Indicators Database.

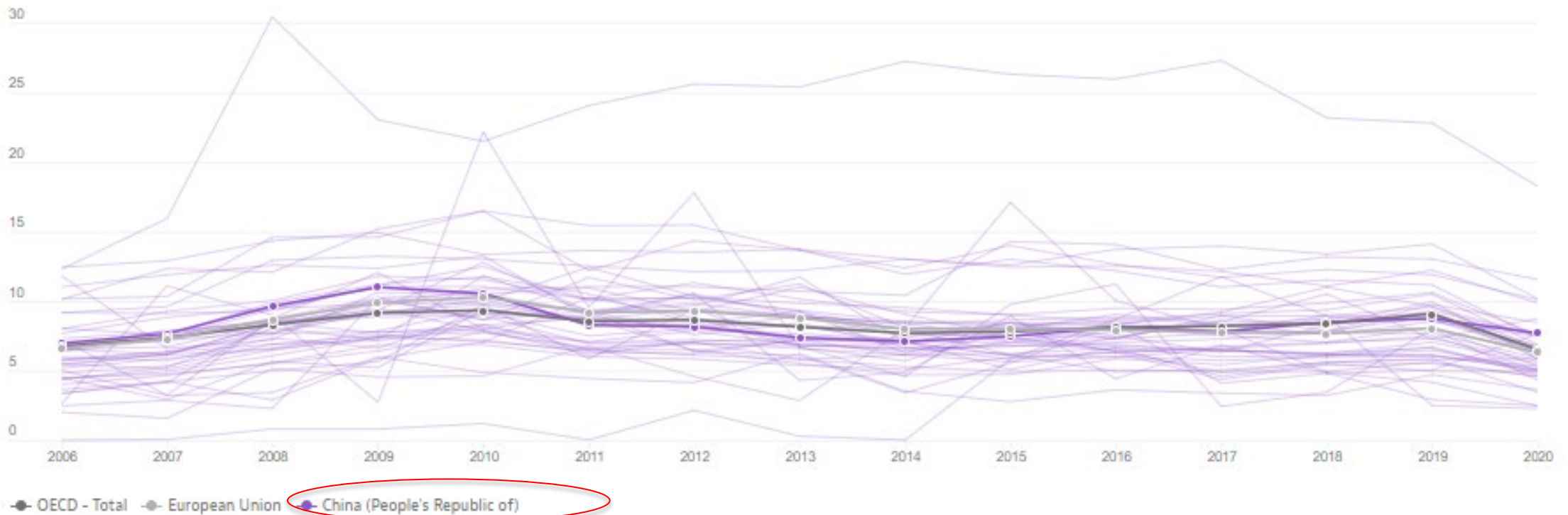
View online: <https://goingdigital.oecd.org/indicator/10>

6. Private sources

Top 10% most-cited documents in computer science, as a share of the top 10% ranked documents in all fields

Computer Science

% of documents in the top 10% ranked documents
35



Source: The OECD Going Digital Toolkit, based on the OECD calculations using Scopus Custom Data, Elsevier, and Scimago Journal Rank from the Scopus journal title list.



View online: <https://goingdigital.oecd.org/indicator/32>



OECD/WPDEMA digital measurement activities

Revision of the Going Digital Measurement Roadmap



1. Make the digital economy visible in economic statistics
2. Understand the economic impacts of digital transformation
3. Encourage measurement of digital transformation's impacts on social goals and people's well-being
4. Design new and interdisciplinary approaches to data collection
5. Monitor technologies underpinning the digital transformation, notably IoT, AI, Blockchain
6. Improve the measurement of data and data flows
7. Define and measure skills needs for digital transformation
8. Measure trust in online environments
9. Establish an impact assessment framework for digital governments
10. Expand the collection and accessibility of gender statistics

<https://doi.org/10.1787/bd10100f-en>

Priority areas for future work

The OECD Working Party on Digital Economics, Measurement and Analysis (WPDEMA) will focus on:

- The OECD **definition and guidance on e-commerce**
- The OECD **definitions of the ICT sector and the “information industries”**
- New approaches to **measuring digital intensity across sectors** (taxonomy + principles)





Explore the Toolkit

The Going Digital Toolkit includes indicators, policy guidance and related publications to help countries realise the promises of digital transformation.

 www.oecd.org/going-digital-toolkit

 #GoingDigital

