



GLOBAL COOPERATION IN SCIENCE, TECHNOLOGY AND INNOVATION FOR DEVELOPMENT

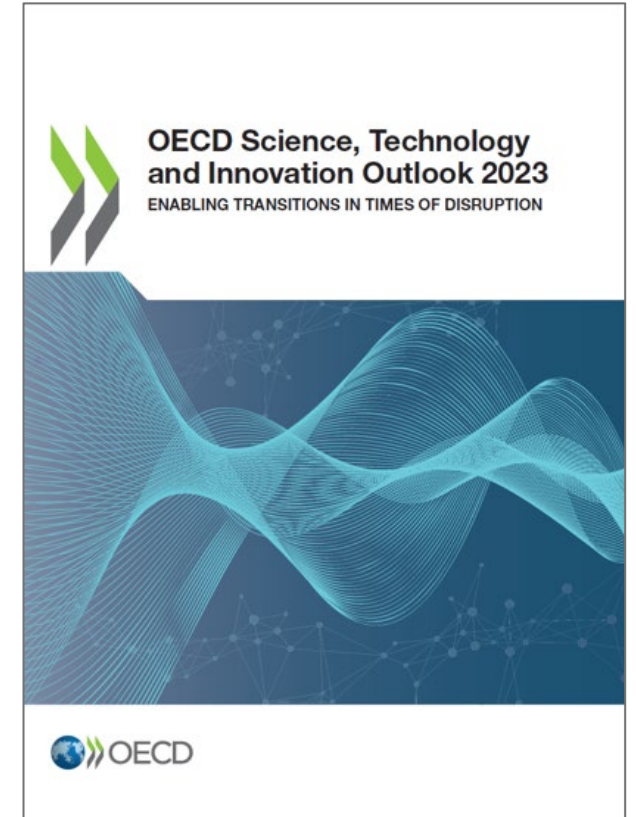
15 April 2024

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STI in an Age of Disruptive Change

- Disruptive shocks and crises and a greater emphasis on the **resilience** function of STI
- Strategic competition and the growing **securitization** of STI policy
- Climate change and the need for greater **directionality** in STI policy and international cooperation among developed, emerging, and developing economies





Directing STI policies towards addressing global challenges and sustainability goals

An OECD Agenda for Transformative Science, Technology, and Innovation Policies

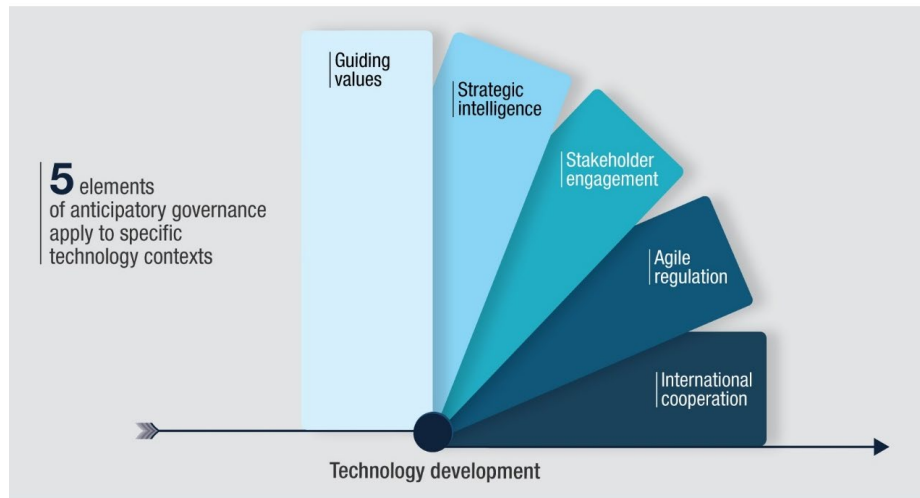




Equipping innovation actors to better prepare for and adjust with emerging technologies

An OECD Framework for Anticipatory Governance of Emerging Technologies

- Putting anticipation at the centre of technology governance
- Calls for stakeholder engagement and upstream engagement, through open and inclusive processes





Creating a global level playing field through international standard-setting



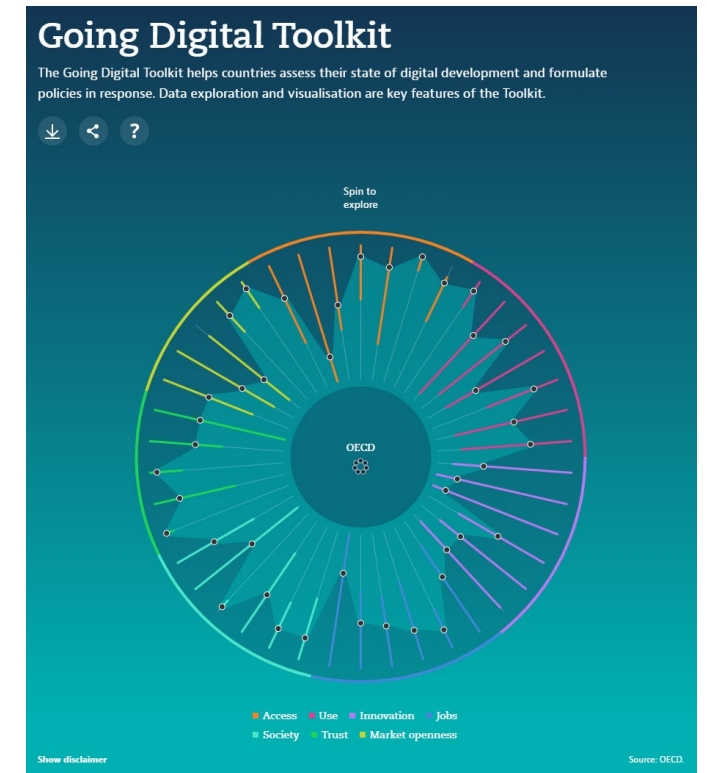
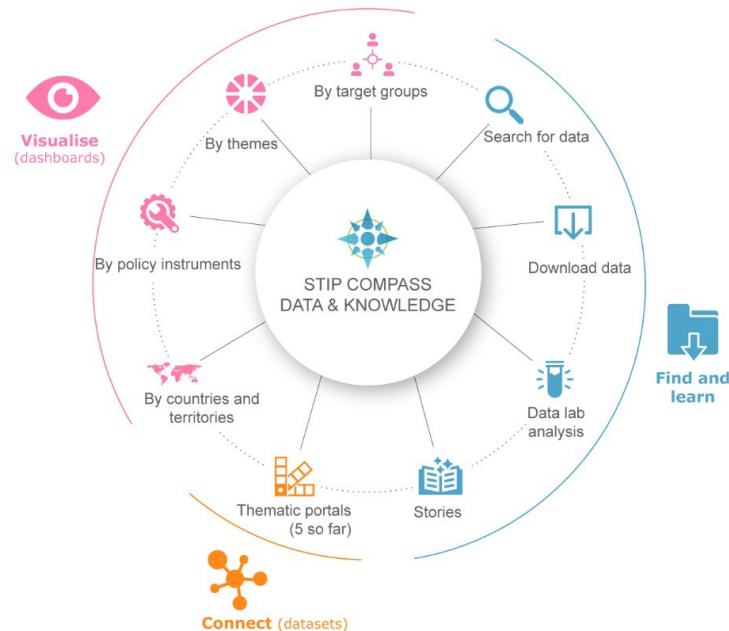
Examples of OECD/STI Legal Instruments

- The OECD Recommendation on Artificial Intelligence (2019)
- The OECD Recommendation on Broadband Connectivity (2021)
- The OECD Recommendation on Information and Communication Technologies and the Environment (2010)
- The OECD Recommendation on Responsible Innovation in Neurotechnology (2019)
- The OECD Recommendation on Enhancing Access to and Sharing of Data (2021)
- The OECD Declaration on Government Access to Personal Data Held by Private Sector Entities (2022) ...



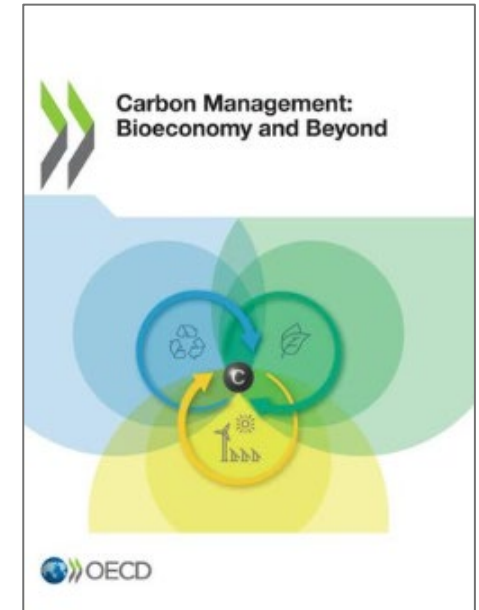
Fostering “STI prerequisites” through data and evidence

- **Going Digital Toolkit**
- **STIP Compass**
- **OECD. AI Policy Observatory**
- ... and **Research and Innovation Careers Observatory (ReICO)** coming soon





Growing momentum around STI policies to address climate change and sustainable development





Engaging with Developing and Emerging Economies

- **OECD - African Union (AU) AI Dialogue**
- **Collaboration with G20**
- **The Start-ups for Development framework**
- **Country and regional reviews**



The collage features several OECD publication covers:

- Top Left:** OECD logo with the text "TACKLING CORONAVIRUS (COVID-19) CONTRIBUTING TO A GLOBAL EFFORT" and a circular graphic.
- Top Right:** "SME Policy Index Eastern Partner Countries 2024 BUILDING RESILIENCE IN CHALLENGING TIMES" with a green chevron logo.
- Middle Left:** "OECD Reviews of Innovation Policy Innovation in Southeast Asia" with a stylized graphic of a person's head and a gear.
- Middle Right:** "Shaping the Digital Transformation in Latin America STRENGTHENING PRODUCTIVITY, IMPROVING LIVES" with a blue digital-themed graphic.
- Bottom Left:** A partial cover for "AFRICA'S RESPONSE TO COVID-19" with a colorful geometric graphic.
- Bottom Center:** The OECD logo.
- Bottom Right:** The OECD logo.



Shared challenges, transformative actions

OECD Science and Technology Policy Ministerial

23-24 April 2024, OECD, Paris

22 April - Pre-ministerial events

- ❑ **Global Forum on Technology**
Building our Bio Future
- ❑ **Global Science Forum**
Future of research infrastructures and international collaboration
- ❑ **JAPAN-ASEAN Roundtable**
on Science, Technology and Innovation
- ❑ **Research for Development**
Tackling global challenges to leave no-one behind

23 April – Multistakeholder High-Level Dialogue

Engaging stakeholders to realise the potential of science, technology, and innovation

7 sessions - 60 high-level speakers including Ministers

- ❑ Shaping STI policies for our future
- ❑ Open Science
- ❑ Human enhancement
- ❑ Skills & capabilities for twin transition
- ❑ Talent and diverse research career paths
- ❑ The Ocean we want by 2030
- ❑ Partnerships for climate change and biodiversity

23 April (17:00) – 24 April (17:00) CSTP Ministerial

Engaging stakeholders to realise the potential of science, technology, and innovation

4 plenaries + 3 breakout sessions + concluding session

60 high-level speakers including Ministers

- ❑ International cooperation and competition in science and technology
- ❑ Anticipatory governance of emerging technologies
- ❑ Transformative STI agenda for the green transition
- ❑ Making Open Science a reality



THANK YOU