



# Shared challenges, transformative actions

OECD Science and Technology Policy Ministerial

23-24 April 2024, OECD, Paris



## 23-24 April 2024: The Committee for Scientific and Technological Policy (CSTP) meets at the Ministerial level:

Ministers and other high-level representatives from OECD member countries, invited non-members, and international organisations are invited to endorse a transformative science, technology, and innovation policy agenda for sustainability transitions, while embedding shared values in the governance of science and emerging technologies and reaffirming the need for international co-operation to address global challenges.

The Ministerial meeting, under the auspices of the Ministry of Higher Education and Research of France, will take place on **April 23-24, 2024**, at the OECD Headquarters in Paris. It will provide an important platform for ministers to discuss and give strategic guidance on the future work of the CSTP and strengthen the relationship between members, non-members and international organisations, as we shape common actions for shared challenges.

### The CSTP Ministerial 2024 aims to:

- **Deliver an action-oriented Declaration**, calling on major stakeholders to endorse a transformative science, technology, and innovation policy agenda to address the climate challenge, support the responsible development of science and technology based on shared **values** and identify actions for international cooperation in these areas.
- Help **raise the profile of science, technology, and innovation within other policy domains**, with a view to promoting cross-government and cross-sectoral cooperation on sustainability transitions.
- Establish a **roadmap for future OECD work** and **priorities in the areas of science, technology, and innovation**.

### Why is Minister level participation important?

Ministers of science, technology and innovation are at the forefront of transformative actions to address global challenges. They are called to endorse a fit for purpose Declaration, which outlines a shared vision for future science, technology, and innovation policies, based on shared values. The CSTP Ministerial will provide them with additional tools to fast-track transformative actions in the face of crises and geopolitical tensions. The CSTP Ministerial meeting is an opportunity for ministers to come together and to actively engage in dialogues and share best practices with their counterparts across OECD countries and beyond, including high-level representatives of international organisations, and with business and civil society. Their in-person presence at the OECD serves as a testament to their commitment to the principles of international cooperation, while also reinforcing the role of science, technology, and innovation in accelerating sustainability transitions.

### Developing a Shared and Action-Oriented Agenda, in Science, Technology, and Innovation

In the face of mounting global challenges, of climate change, biodiversity loss, and pollution, as well as the global threats from emerging infectious diseases, food, water, and energy insecurity and rising social inequalities, governments must be more ambitious and act with greater urgency in their science, technology, and innovation policies. The calls for action amplified by the COVID-19 pandemic, as well as increasing geopolitical tensions, are heard at various levels of government, business, and civil society alike, calling on us to urgently review and reform our science, technology, and innovation policies to help accelerate the pace of sustainability transitions. The OECD, through the work led by the CSTP is formulating a new agenda for transformative science, technology, and innovation policies to help meet these challenges. The Ministerial and Declaration are underpinned by:



**Engagement** | Engage society and strengthen multisectoral and multilateral dialogue in science and innovation



**Action** | Implement transformative science and innovation policies



**Values** | Support the implementation of new policies and the responsible development of emerging technologies based on shared values



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## The Declaration is anchored by:

- **An OECD Agenda for Transformative Science, Technology, and Innovation Policies** – The Agenda offers guidance to design and implement science, technology and innovation policies that address societal challenges through inclusive, anticipatory, adaptive, experimental, and evidence-based approaches that require greater cross-government co-ordination.
- **An OECD Framework for the anticipatory governance of emerging technologies** – This framework aims to guide policymakers and other innovation actors to design better technology governance systems that help realise the transformative potential of emerging technologies. In general, emerging technologies present problems of evidence-gathering in the face of novelty and uncertainty and pose questions on how to balance enacting innovation-friendly with protective regulation, as well as the role of the public, and public trust, in cutting-edge discoveries and innovations.

## Key dates - line-up of events on April 22nd through 24th:

Participants from across sectors will contribute to side events, sessions, and conversations and help shape future transformative action in science, technology, and innovation. On **April 22<sup>nd</sup>** the OECD Global Science Forum will host a High-level symposium on international cooperation in critical infrastructures for research. In parallel, the OECD Global Forum on Technology will host a High-level expert event on the next generation biotechnologies for global challenges. Other side meetings will also be held.

On **April 23<sup>rd</sup>**, participants will take part in a Multistakeholder Dialogue where high-level representatives and members of civil society at large will convene to debate (i) the future we want in science and technology, (ii) the skills and capabilities we need in times of change, and (iii) how we protect the future with science and technology. Ministers are encouraged to take part in the Multistakeholder Dialogue before the opening session of the Ministerial that same day at 17:00. Ministers will also have opportunity to hold bilateral meetings and exchange with their peers and other high-level stakeholders during various networking breaks and social events throughout the Ministerial meeting.

On **April 24<sup>th</sup>**, the Ministerial will continue the high-level discussion through plenary and breakout sessions and conclude by adopting the Ministerial Declaration.

The Ministerial meeting is:



**What is the CSTP?** CSTP was established in 1972 to enhance cooperation among OECD members countries and partners, in science, technology and innovation policy, with a view to contributing to the achievement of economic, social, and scientific aims, including growth and the creation of jobs, sustainable development, improved well-being of their citizens and advancing the frontiers of knowledge. It pays particular attention to the integration of science, technology, and innovation policy with other aspects of government policy, which is of increasing importance in the development of increasingly globalised knowledge economies. CSTP oversees the work of the OECD Global Science Forum (GSF), of the Working Party on Biotechnology, Nanotechnology and Converging technology (BNCT), of the Working Party of National Experts on Science and Technology Indicators (NESTI), of the Working Party on Technology and Innovation Policy (TIP), of the OECD Space Forum and the Science, Innovation, and the Ocean programme.

Have Questions? Please contact [cstpministerial2024@oecd.org](mailto:cstpministerial2024@oecd.org). Informational notes, and other logistical documents, including official communication elements, and registration instructions will be shared in due course.



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## Monday 22 April 2024 pre-Ministerial Side Events & Discussions (Cocktail reception for all, starting at 18:00)

<b>[CC 1]</b> 10:30-18:00	Global Forum on Technology High-Level Expert Event on the Next Generation Biotechnologies for Global Challenges (By Invitation Only)
<b>[CC 4]</b> 11:45-18:00	Global Science Forum (GSF) High-Level Symposium on the Future of Research Infrastructures and International Collaboration
<b>[CC 2]</b> 9:00-13:00	Japan-ASEAN High-level Roundtable on Science, Technology, and Innovation (By invitation only)
<b>[Chateau Room D]</b> 09:00-18:00	Research for Development – Tackling Global Challenges to Leave No One Behind – Hosted by the UK Collaborative on Development Research (UKCDR) and the French Agency for Development ( <i>Agence Française de développement - AFD</i> ) (Open Sessions from 10:00 – 15:30 – Closed Session from 16:00 – 18:00)

## Tuesday 23 April 2024 Multistakeholder High-Level Dialogue & Ministerial Day 1

Multistakeholder high-level Dialogue	8:30-9:30	Registration & Networking OECD <b>[Welcome Pavilion + CC9]</b>		
	9:30-10:30	<b>Welcome and setting the stage</b> – keynote, followed by panel discussion <b>[CC1]</b> <b>Plenary:</b> Shaping science and technology policies for our future: how to engage diverse audiences?		
	10:30-10:45	Networking break and transition to breakout sessions		
	10:45-12:30 Parallel Breakout sessions	<b>Breakout B1. The future we want in science and technology</b>  Panel B1.1 - Making Open Science a reality for the benefit of society <b>[CC5]</b>	<b>Breakout B2. Equipping society in a fast-changing world</b>  Panel B2.1 - The digital and green transitions: the role of skills and capabilities <b>[CC7]</b>	<b>Breakout B3. Protecting the future with science and technology</b>  Panel B3.1 - The ocean we want by 2030: the role of ocean observation data for research, growth, and wellbeing <b>[CC1]</b>
	12:30-12:40	Transition to Luncheon		
	12:40-13:45	<b>VIP Luncheon (Ministers/Head of Delegation/Speakers) [Chateau: Roger Okrent, George Marshall]</b> <i>Ministers arrive ahead of the official opening of the Ministerial for a VIP Lunch and bilateral meetings opportunity (14:00 – 16:45)</i> <i>Lunch provided for all other participants in [CC9]</i>		
	13:45-14:00	Participant photo - speakers to transition to breakout sessions <b>[Chateau Front Steps]</b>		
	14:05-15:50 Parallel Breakout sessions	Panel B1.2 - Human enhancement: emerging technology and the human future  <i>Launch of the policy toolkit for responsible innovation in neurotechnology</i> <b>[CC5]</b>	Panel B2.2 - Developing talent and promoting diverse research career paths in a world in transition  <i>Launch of the Research and Innovation Careers Observatory (RelCO) Initiative, co-funded by the EU</i> <b>[CC 7]</b>	Panel B3.2 - Partnerships for climate action and biodiversity <b>[CC1]</b>
	15:50-16:30	Concluding remarks of each breakout <b>[CC1]</b>		
	16:30-17:00	Networking break and transition to Ministerial meeting		
Ministerial Start	17:00-18:30	☆ <b>Ministerial Opening Plenary: International cooperation and competition [CC15]</b>		
	18:30-20:00	Social Event for Delegations <b>[Salon Du Parc]</b>		
	19:30-22:30	Ministerial Dinner hosted by France at the restaurant “les Ombres” (musée du quai Branly-Jacques Chirac) All other participants are encouraged to join a cocktail reception hosted at the OECD <b>[Salon du Parc]</b>		

## Wednesday 24 April 2024 Ministerial Day 2

Ministerial Meeting Day 2	8:30-10:00	<b>Plenary 2: Anticipatory governance of emerging technologies</b> (breakfast provided) <b>[Chateau Room C]</b> <i>Plenary open to OECD Members, EU, and Accession Countries - Listening Room [Chateau Roger Okrent]</i>		
	9:30-10:15	Networking opportunity for non-Members and other participants <b>[CC9]</b>		
	10:15-11:45	<b>Plenary 3: A transformative science, technology and innovation agenda for the green transition [CC15]</b>		
	11:45-13:00 Parallel Breakout Sessions	<b>How to engage society in science, technology, and innovation for green and just transitions [CC2]</b>	<b>How to direct research and innovation funding to address the climate challenge [CC18]</b>	<b>How to ensure whole-of-government coherence for transitions (two parallel sessions) [CC7] &amp; [CC4]</b>
	13:00-14:30	Ministerial working lunch: <i>Artificial Intelligence in Science and for Innovation</i> <b>[CC15]</b>		
	14:30-15:00	Family Photo & Transition to plenary 4 - <b>[Chateau Garden Steps]</b>		
	15:00-16:30	<b>Plenary 4: International actions for global challenges: making open science a reality [CC15]</b>		
	16:30-17:00	<b>Closing plenary session:</b> Concluding session and adoption of the Ministerial Declaration <b>[CC15]</b>		
	17:00-19:00	Social event hosted at the OECD <b>[Chateau: Roger Okrent]</b>		