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Contribution by OECD

to the CSTD 2024-2025 priority theme on “Technology foresight and technology
assessment for sustainable development”

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CSTP Work on Strategic Intelligence

At the OECD Division of Science and Technology Policy, and in conjunction with its Committee of Science and Technology Policy (CSTP), has a number of activities on the theme of Technology Assessment and Foresight.

Under the term of Strategic Intelligence (a combination of TA, Foresight, Horizon Scanning, advanced indicators and evaluation) the CSTP are currently building capacities, sharing best practices and *doing* Strategic Intelligence work.

At its recent Committee for Scientific and Technological Policy at the Ministerial level (“[Science and Technology Policy Ministerial](#)”) on 23-24 April 2024, there was recognition that better anticipation and forward-looking policy will be important to realize the potential of two key Ministerial deliverables a framework for anticipatory governance of emerging technologies and an agenda for transformative STI policies.

The new [Framework for Anticipatory Governance of Emerging Technology](#) launched at the Science and Technology Ministerial, calls for developing “strategic intelligence” tools to anticipate emerging technologies developments and their potential impacts on economy and society. Strategic intelligence is produced through statistical benchmarking, forecasting and modelling, foresight, technology assessment, multi-stakeholder engagement approaches, monitoring and evaluation.

The new [OECD Agenda for Transformative STI Policies](#), also launched, at the Science and Technology Policy Ministerial, recognises the need for strategic intelligence to support direction-setting, experimentation and learning in contexts that are systemic, transdisciplinary, complex and uncertain. These demands may require new or significantly adapted infrastructures, institutions and specialised units to be built, as well as new skills and organisational capabilities to be developed.

Whilst much of this work is ongoing, the report [Technology assessment for emerging technologies: Meeting new demands for strategic intelligence](#), that was published last year, as the output of a working group of committee delegates (from the Working Party of Bio, Nano and Converging Technology) and experts exploring new requirements for Technology Assessment and sharing of new practices.