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The role of science, technology, and innovation in advancing sustainable, inclusive, science-and evidence-based solutions for the 2030 Agenda for Sustainable Development and its Sustainable Development Goals for leaving no one behind

Statement by

H.E. Mr. Mehmet Fatih Kacir Minister of Industry and Technology Türkiye

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REPUBLIC OF TÜRKİYE MINISTRY OF INDUSTRY AND TECHNOLOGY

Draft Speech

United Nations Commission on Science and Technology for Development (CSTD) Twenty-Eighth Annual Session

Ministerial Roundtable on

"The role of science, technology, and innovation in advancing sustainable, inclusive, science-and evidence-based solutions for the 2030 Agenda for Sustainable Development and its Sustainable Development Goals for leaving no one behind"

Speech of Mr. Ahmet Halit HATIP, General Director of EU and Foreign Affairs of the Ministry of Industry and Technology, on behalf of the Minister of Industry and Technology, H.E. Mehmet Fatih KACIR

7 April 2025

Mr. / Madam Chair,

Honorable Ministers,

Excellencies,

Distinguished delegates,

I am honored to address you all today on behalf of H.E. Minister Mehmet Fatih KACIR, Minister of Industry and Technology of the Republic of Türkiye.

Before I begin, I wish to express my gratitude to the UNCTAD secretariat for the excellent arrangements.

Our world is facing challenges such as climate change, economic inequalities, and difficulties in achieving sustainable development goals. Addressing these pressing global issues necessitates our commitment to cultivating sustainable and inclusive solutions through the thoughtful application of science and technology.

One of the fundamental elements of sustainable development is to create innovative, science- and technology-based solutions and ensure their accessibility for everyone. Sustainable economic growth, the green transformation of industries, innovative production processes, and global cooperation can only create a lasting impact when supported by science-based and evidence-driven policies.

In this spirit, it is our collective duty to explore how science and technology can act as a catalyst, aligning our efforts with the United Nations' 2030 Sustainable Development Goals (SDGs).

Ladies and gentlemen,

Türkiye's Twelfth Development Plan, covering the period 2024-2028, presents a crucial roadmap for achieving our country's sustainable development goals. Within the scope of this plan, key priorities have been identified, including the

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advancement of industry and technology, digital and green transformation, strengthening the R&D and innovation ecosystem, increasing high value-added production, and enhancing the global competitiveness of SMEs. This plan, which forms the fundamental framework of Türkiye's industrial and technological policies, aims to ensure that economic growth is both sustainable and inclusive.

To this end, the Ministry of Industry and Technology has developed our 2030 Industry and Technology Strategy, closely aligned with the National Technology Move vision. This strategy is anchored by five fundamental pillars: High Technology, Digital Economy, Green Transformation, Global Integration, and Structural Transformation.

In this regard, support mechanisms are being implemented to promote industrial decarbonization and increase energy efficiency. At the same time, policies that encourage domestic production and position Türkiye more competitively in global supply chains are being introduced under the Strategy and the Technology-Oriented Industry Initiative.

Distinguished participants,

Among our esteemed institutions, the Scientific and Technological Research Council of Türkiye (TÜBİTAK) plays a pivotal role in fostering technology-driven sustainable development in accordance with the Twelfth Development Plan. TÜBİTAK engages in scientific research and the development of innovative solutions, especially in critical domains such as clean energy, climate change mitigation, and ensuring water and food security—essential components in the pursuit of sustainable development goals.

By strengthening cooperation between industry and academia, TÜBİTAK integrates innovative solutions into industrial applications, thereby accelerating Türkiye's technology-driven development process. Furthermore, TÜBİTAK provides support for the localization of critical technologies, aiming to enhance

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Türkiye's technological independence. Sustainable growth is promoted through projects in artificial intelligence, big data, biotechnology, and materials science.

Additionally, KOSGEB, our agency dedicated to supporting SMEs, provides essential funding to facilitate sustainable economic progress and entrepreneurship. Through green and digital transformation funds, we aim to enable local businesses to enhance their competitiveness in global markets. Particularly, new financing and incentive programs are being crafted to support entrepreneurs engaged in renewable energy and sustainable production.

One of KOSGEB's key contributions to sustainable development is its role in accelerating the ecological transformation of SMEs and promoting environmentally conscious production models. To this end, we are implementing targeted support programs for firms committed to investing in low-carbon technologies.

Mr./Madam Chair,

Türkiye firmly believes in the role of science and technology in achieving global development goals. For this reason, we will continue to align our national policies with international efforts to contribute to the SDGs. We are working to make our industries more efficient and sustainable by leveraging the opportunities provided by digital technologies. Additionally, we aim to strengthen global partnerships and enhance knowledge and technology sharing.

Since its establishment in 2018, the United Nations Technology Bank for Least Developed Countries has been committed to fostering progress in science, technology, and innovation aimed at sustainable development, actively supporting 44 of the least developed nations. As both the host country and the largest contributor to the UN Technology Bank, Türkiye calls on all stakeholders to support this vital initiative.

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Türkiye upholds the significance of science and technology in achieving our shared global development objectives. Consequently, we remain steadfast in aligning our national policies with international initiatives, contributing positively to the SDGs. Our focus is on enhancing the efficiency and sustainability of our industries through the harnessing of digital technologies, while simultaneously strengthening global partnerships and fostering the exchange of knowledge and technology.

Science and innovation are indispensable elements of sustainable development. Türkiye is determined to accelerate green transformation, use digital technologies more effectively, and support innovative solutions through increased collaboration with all stakeholders. In this context, I hope that our joint efforts will be strengthened and that concrete steps will be taken toward achieving sustainable development goals.

Excellencies,

I hope that this meeting will yield fruitful results, and I extend my heartfelt thanks to all the participants for their valuable contributions.

Thank you very much.