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CSTD 2025-2026 priority theme on “Science, Technology and Innovation in the age of AI”

Statement submitted by

Türkiye

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**Statement of the Ministry of Industry and Technology of the
Republic of Türkiye- Theme 2: “Science, Technology and
Innovation in the age of AI”**

(17.11.2025)

Mr/Madam Chair,

Distinguished Delegates,

Türkiye makes effective use of the opportunities offered by artificial intelligence by transforming them into concrete projects through national strategies, investments in human capital, technical infrastructure, and multilateral collaborations. In our country, various initiatives are being implemented to integrate AI and data-driven technologies into STI processes.

The Turkish Large Language Model, developed by TÜBİTAK—Türkiye’s Scientific and Technological Research Council—is being increasingly adopted across sectors. This model provides high-quality, culturally and linguistically aligned solutions in the field of natural language processing, creating added value in many areas ranging from public services to the private sector.

TÜBİTAK also carries out numerous innovative projects in areas such as smart manufacturing, smart agriculture, financial technologies, educational technologies, and climate-oriented solutions. Through the Artificial Intelligence Ecosystem Calls, 45 projects from both the public and private sectors are being supported.

The deployment of ARF, Türkiye's most advanced supercomputer, has made high-performance computing much more accessible for researchers and industry. The computing capacity of ARF has recently been tripled under TÜBİTAK's coordination.

In the upcoming period, we aim to expand education programs to train more AI specialists and accelerate the development of domestic AI solutions by transforming public-sector big data into value.

The main framework supporting these developments is the National Artificial Intelligence Strategy. This strategy provides comprehensive policy tools in areas such as strengthening human capital, supporting R&D and entrepreneurship, expanding access to data and technical infrastructure, and enhancing international cooperation. Türkiye considers the principles of fairness, privacy, security, transparency, and accountability as integral components of all AI applications. We will continue taking the necessary steps to ensure the safe and ethical use of AI.

Open innovation and open data also hold an important place in Türkiye's digital transformation. The National Open Data Portal, the National Data Dictionary, and the Public Data Space initiatives contribute to making public data accessible in a standardized, secure, and research-oriented way. The Türkiye Open Source Platform strengthens the ecosystem by creating collaborative

development environments for stakeholders working on software and AI.

Türkiye has established a strong cooperation infrastructure among universities, industry, public institutions, and entrepreneurs. The "Sector on Campus" Program brings together more than 200 universities and over 100 companies, supporting the development of innovative projects. The AI specialization programs of the National Technology Academy, as well as the technology competitions held within TEKNOFEST, enhance the competencies of young talent and bring dynamism to the AI ecosystem.

Türkiye views international cooperation as a key component of development in the age of artificial intelligence. In this regard, our country plays an active role in major platforms such as GPAI, NATO DIANA, the NATO Innovation Fund, the Digital Europe Programme, EuroHPC, and Horizon Europe.

Mr/Madam Chair,

Türkiye will continue to work decisively with both domestic stakeholders and the international community to ensure that science, technology, and innovation contribute to human well-being in the age of artificial intelligence.

Thank you.