General Assembly

Seventy-ninth session
Agenda item 15
**Information and communications technologies for
sustainable development**

Letter dated 27 December 2024 from the Permanent Representative of Uzbekistan to the United Nations addressed to the Secretary-General

I have the honour to convey to you information about the strategy of the Republic of Uzbekistan for the development of artificial intelligence technologies up to 2030 (see annex).

I should be grateful if you would have the present letter and its annex circulated as a document of the General Assembly under agenda item 15.

(*Signed*) Ulugbek **Lapasov**
Permanent Representative

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Annex to the letter dated 27 December 2024 from the Permanent Representative of Uzbekistan to the United Nations addressed to the Secretary-General

[Original: Russian]

Strategy of the Republic of Uzbekistan for the development of artificial intelligence technologies up to 2030

On 14 October 2024, the President of the Republic of Uzbekistan approved the Strategy for the development of artificial intelligence technologies up to 2030 (hereinafter, "the Strategy"). This document sets out ambitious goals, objectives and areas for the development of artificial intelligence – one of the most promising cross-cutting technologies of the twenty-first century.

The strategy is aimed at creating an artificial intelligence ecosystem and maximizing the technology's potential to accelerate economic growth, improve quality of life and help to solve social problems.

The overarching goal set out in the Strategy is for Uzbekistan to become one of the top 50 countries in the world in terms of artificial intelligence development by 2030. It also sets out the following quantitative targets: the total value of new products and services developed using artificial intelligence needs to reach 1.5 billion dollars; 10 per cent of public services need to be provided using artificial intelligence; 10 research laboratories and centres of excellence need to be established; and 1,000 top-tier specialists need to be trained.

A number of priority sectors and industries for the implementation of artificial intelligence are identified in the Strategy. These include agriculture, manufacturing, energy, transportation, banking, health care, education and public administration.

Specific projects will be carried out for each of those areas using artificial intelligence tools, such as machine learning, computer vision, natural language processing and expert systems.

In the agriculture sector, artificial intelligence will help to boost crop yields and reduce costs through targeted fertilization, irrigation and crop and livestock monitoring.

In the manufacturing sector, artificial intelligence will help to optimize production processes, reduce equipment downtime and improve product quality.

In the energy sector, smart systems will help to manage supply and demand, integrate renewable sources into the grid and prevent accidents.

Banks will be able to use artificial intelligence to better assess credit risks, personalize services and detect fraudulent activities.

In the field of medicine, artificial intelligence technologies will help to make more accurate diagnoses, develop new drugs and reduce medical errors.

To support the successful implementation of the Strategy, laws aimed at regulating the field of artificial intelligence, ensuring data security and confidentiality, and establishing ethical norms and rules for human interaction with smart systems will be drafted and adopted. Furthermore, national standards will be harmonized with international standards, and a certification system for applications that use artificial intelligence will be developed.

Another key measure will be the establishment of the technological foundation for the development of artificial intelligence consisting of a powerful and secure

infrastructure of data storage and processing centres, high-performance computing clusters equipped with the latest processors and accelerators, and extensive fifth-generation communication networks.

Building large, quality data sets will be critically important for training artificial intelligence models. The Strategy provides for the establishment of a national big data platform that will bring together the information technology resources of the government, business, science and public sectors and comply with strict information security measures.

The development of human and scientific capacities in the field of artificial intelligence is a key prerequisite for achieving the goals set out in the Strategy. A multilevel system for training specialists is planned, beginning with the inclusion of courses on artificial intelligence in the secondary school curriculum and the establishment of new university faculties and degree programmes. Opportunities enabling talented young people to study at universities with the world's leading information technology programmes will be expanded. An online platform with publicly available courses will be used for employee reskilling and for training the general public in working with artificial intelligence. Support will be provided to research centres and startups working on innovative applications of artificial intelligence.

As part of implementing the Strategy, Uzbekistan intends to develop international cooperation, in particular by working closely with countries leading the way in the field of artificial intelligence, engaging in the global technological exchange, and attracting foreign talent and investment in national projects. It will also expand its cooperation with global information technology companies and research centres.

The Centre for the Development of Artificial Intelligence and the Digital Economy, established under the Ministry of Digital Technologies of the Republic of Uzbekistan, has been entrusted with all aspects of implementing the Strategy.

The Strategy sets outs clear benchmarks and priorities for the technological transformation of Uzbekistan over the next decade. Achieving the stated goals will require the mobilization of significant financial, administrative and human resources and also the effective coordination of the contributions of all government, business, science and public stakeholders.

The implementation of the Strategy will bring enormous benefits to the country through the development of human capital, infrastructure, innovation and international integration. It will also establish a solid foundation for building a knowledge- and intelligence-based economy and society in Uzbekistan.

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