



BRAZIL

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STATEMENT DELIVERED BY MS. LUCIANA SANTOS
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Mr. President,
Distinguished Delegates
Ladies and Gentlemen

Allow me to begin by congratulating you, Ambassador Peter Burian, on your election as President of the 69th General Conference of the International Atomic Energy Agency (IAEA). I would like to take this opportunity to express the full support of the Brazilian delegation present at this Conference.

On occasions like this, it is always appropriate to emphasize one of the main objectives of the IAEA: "to accelerate and expand the contribution of atomic energy to peace, health, and prosperity throughout the world."

To this end, we are here: member states, science and technology institutions, companies operating in the nuclear sector, social organizations, and other international agencies.

Brazil is strongly committed to this objective. The government of President Luiz Inácio Lula da Silva considers the Brazilian nuclear sector a driver of development, not only scientific and technological, but also economic, social, and environmental.

It is in this spirit that we join forces in technical, international, and regional cooperation to bring our populations the benefits that mastery of nuclear technology can offer.

Mr. President,

It is with great satisfaction that I announce that construction has begun on the infrastructure needed for the Brazilian Multipurpose Reactor, a project of the Brazilian government which includes the participation of national, regional, and international companies. This

new technological complex for the Brazilian nuclear sector is expected to be completed by 2030, when it shall commence its production activities; testing of power-reactor components, irradiation services, and neutron-beam research; and specialized training and development. In fact, it will become a multipurpose facility serving the nuclear sector.

Another important achievement for the Brazilian nuclear sector is the project to build a permanent repository for low- and medium-level radioactive waste. It will be housed in a new research center, the Center for Nuclear and Environmental Technology (CENTENA), which will also focus on the development of processes for treating NORM waste from the mining industry, within the circular economy framework.

In the healthcare sector, we have a strong partnership with the Brazilian Ministry of Health to expand nuclear medicine, radio diagnostic, and treatment services. In this area, our partnership with the IAEA is noteworthy. On the sidelines of this General Conference, we will sign an agreement with the IAEA for the establishment of Brazil's first Anchor Center, which will be located at the Clinical Hospital of the University of São Paulo, encompassing both its Radiology Institute and Cancer Institute.

Also in the healthcare sector, the donation of digital mammography machines through the Rays of Hope initiative will contribute to improving care in public hospitals in several states across the country, including in the Amazon region, with the installation of this equipment on Brazilian Navy hospital ships that provide community services to riverside populations in that vast region.

Regarding arboviral diseases such as Dengue, Chikungunya, and Zika, the partnership with the IAEA will be important in supporting Brazil in combating the proliferation of the vector mosquito, *Aedes aegypti*, using sterile insect techniques. The project will be developed in the Fernando de Noronha Archipelago, in the state of Pernambuco, and could become a model for the rest of Brazil and for countries that also suffer from these epidemics .

Brazil also participates in the Zodiac and Atoms4Food initiatives, which aim to improve food production to meet the growing global demand for higher-quality products in greater quantities. We also take part in the Nutec Plastics initiative to fight microplastic pollution,

aligning nuclear science with the global environmental agenda. It is worth highlighting, within this initiative, the beginning of negotiations for the implementation of a monitoring project in the Antarctic region, using the laboratory facilities we already have operating at the Brazilian station located on that continent.

This November, at the COP30 Climate Summit, which will be held for the first time in the Amazon Rainforest, we will have the opportunity to demonstrate the effectiveness of industrial effluent treatment using ionizing radiation, through our mobile unit, set up in partnership with the IAEA.

Mr. President,

In addition to the areas under the responsibility of the Ministry of Science, Technology, and Innovation, the Brazilian nuclear program also encompasses other sectors.

Last August, the National Nuclear Safety Authority (ANSN) began operations. This represents an important institutional milestone for Brazil, providing the nuclear sector with an independent regulatory authority committed to transparency and relevant technical rigor, in line with the highest international standards.

The nuclear-powered submarine project is also noteworthy, and negotiations are underway with the IAEA regarding special verification procedures, as provided for in Article 13 of the Brazil-Argentina-IAEA-ABACC Quadripartite Agreement.

In this context, it is also important to note that Brazil has established a Naval Secretariat for Nuclear Safety and Quality (SecNSNQ) in 2022, a body responsible for regulatory activities in Brazilian jurisdictional waters.

Mr. President,

I would like to conclude my remarks with a vision for the future. Brazil participates in the World Fusion Energy Group (WFEG) and has just reactivated its National Fusion Network, which will bring together researchers and institutions from across the country to monitor the state of the art on this crucial field for the future of humanity.

These and all the other initiatives I mentioned above attest to Brazil's firm commitment to the exclusively peaceful use of nuclear energy for the sake of sustainable development and social well-being.

Thank you very much.