

IAEA Ministerial Conference on Nuclear Science, Technology, and Applications and the Technical Cooperation Programme

National Statement of the United Arab Emirates

Delivered by H.E. Ambassador Hamad ALKAABI , Perm. Rep of the UAE to U.N. & Int. Organizations in Vienna

Co-Chairs, Excellencies, Distinguished Delegates, Ladies and Gentlemen,

The convening of this IAEA Ministerial Conference reflects the critical role of nuclear science and technology in addressing some of the most pressing global challenges .

United Arab Emirates (UAE) reaffirm its commitment to advancing the peaceful uses of nuclear energy and technology in alignment with international best practices and the shared goals of sustainable development.

We acknowledge the invaluable role played by the International Atomic Energy Agency (IAEA) in facilitating international cooperation, fostering innovation, and ensuring the highest standards of safety and security in nuclear applications. Through the IAEA's guidance, we continue to expand our efforts in leveraging nuclear science and technology for society progress and development.

As one of the first nations in the Arab region to pursue a peaceful nuclear energy program, the UAE is proud of the successful deployment of the Barakah Nuclear Power Plant. This landmark project not only provides clean, reliable electricity but also significantly contributes to our commitments under the Paris Agreement on climate change. Nuclear energy now forms a cornerstone of our strategy for achieving net-zero emissions by 2050.

Beyond energy, the UAE is actively exploring nuclear applications in health, agriculture, water management, and industry. We utilize nuclear technologies for early cancer detection, improving treatment methods, and ensuring the safety of medical equipment. Innovative techniques have enhanced crop yields and strengthened food security in arid conditions.

In Water Management , Nuclear techniques are vital in desalination research and monitoring groundwater resources .

The IAEA Technical Cooperation Programme has been instrumental in supporting the UAE's progress in these areas. We emphasize the importance of robust partnerships between member states and the IAEA to foster capacity-building and knowledge transfer. We note

The UAE is committed to sharing experiences with other member states. We strongly advocate for initiatives that promote education, training, and inclusivity, ensuring that the next generation is equipped with the skills needed to harness nuclear technology responsibly and effectively.

In this era of unprecedented global challenges, from climate change to public health crises, nuclear science and technology offer transformative solutions. Realizing their full potential requires unity, innovation, and a ongoing commitment to peace and sustainability.

The UAE stands ready to contribute to the IAEA's mission and strengthen international collaboration for the benefit of humanity and to unlock the full potential of nuclear science and technology, ensuring a brighter, more sustainable future for generations to come.

Thank you.