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Agenda item 18

Sustainable development

Resolution adopted by the General Assembly on 7 June 2024

[without reference to a Main Committee ([A/78/L.70](#))]

78/287. International Year of Quantum Science and Technology, 2025

The General Assembly,

Recalling its resolutions [53/199](#) of 15 December 1998 and [61/185](#) of 20 December 2006 on the proclamation of international years, and Economic and Social Council resolution [1980/67](#) of 25 July 1980 on international years and anniversaries,

Stressing that increased global cooperation, awareness and education in quantum science and technology could help to address the challenges of achieving sustainable development and the Sustainable Development Goals and improving the quality of life in countries around the world,

Recalling the need to mobilize and scale up the means of implementation, including financing, for science, technology and innovation, including the field of quantum science and technology, especially in developing countries, in support of the Sustainable Development Goals,

Emphasizing that quantum science and technology is vital for economic advancement and that its potential applications could address basic needs such as food, health, sustainable cities and communities, communications, clean water and energy, and support climate action,

Acknowledging the need to collectively address the challenges posed by quantum science and technology,

Recognizing that the year 2025 coincides with the 100th anniversary of the development of the methods of quantum mechanics that have led to its prominence in both science and technology today,

Stressing that the celebration of scientific discoveries provides an opportunity to promote science, technology, engineering and mathematics education and research for all, including youth, girls and women, especially in developing countries, in



emerging technologies, and to encourage their greater participation in science, including opportunities for career development, and recognizing the achievements of women in science,

Emphasizing that, at the heart of the International Decade of Sciences for Sustainable Development, 2024–2033, lies the advancement of basic sciences and recognizing that quantum science offers unparalleled insights into the behaviour of matter and energy at the atomic and subatomic levels,

Acknowledging the recommendation made by the General Conference of the United Nations Educational, Scientific and Cultural Organization at its forty-second session for the United Nations General Assembly to proclaim 2025 the International Year of Quantum Science and Technology,¹

1. *Decides* to proclaim 2025 as the International Year of Quantum Science and Technology;

2. *Invites* the United Nations Educational, Scientific and Cultural Organization to act as the lead agency and focal point for the International Year of Quantum Science and Technology, and invites all Member States of the United Nations, members of the specialized agencies, observers of the General Assembly, as well as organizations within the United Nations system and other international and regional organizations, academia, civil society, the private sector and other relevant stakeholders to observe 2025 as the International Year of Quantum Science and Technology;

3. *Recommends* that the International Year of Quantum Science and Technology should be observed through activities at all levels aimed at increasing public awareness of the importance of quantum science and applications; enhancing international, multilateral and interdisciplinary scientific cooperation among research institutions, researchers and innovators in quantum science and technology; and ensuring a focus on the application of quantum science and technology for sustainable development;

4. *Welcomes* initiatives aimed at harnessing quantum science and technology for sustainable development;

5. *Stresses* that the costs of all activities that may arise from the implementation of the present resolution should be met from voluntary contributions;

6. *Requests* the Secretary-General to bring the present resolution to the attention of all Member States, organizations of the United Nations system and other relevant stakeholders, including intergovernmental and non-governmental organizations, to promote the observance of 2025 as the International Year of Quantum Science and Technology.

88th plenary meeting
7 June 2024

¹ United Nations Educational, Scientific and Cultural Organization, *Records of the General Conference, Forty-second Session, Paris, 7–22 November 2023*, vol. 1, *Resolutions*, resolution 23.