



## **International Council of Associations for Science Education**

### **The Cork Declaration on Science and Technology Education for Sustainable Futures**

The 8th ICASE World Conference on Science and Technology Education was held in Cork, Ireland, from 22–25 June 2026. We, the conference participants representing educators, researchers, policymakers, scientists, industry partners, and students from Africa, Asia, Australasia, Europe, Latin America, and North America, affirm that science and technology education is essential for addressing the scientific, technological, environmental, and societal challenges of the twenty-first century.

The conference highlighted the potential of artificial intelligence, digital technologies, interdisciplinary learning, international collaboration, Ocean Literacy, the United Nations Decade of Ocean Science for Sustainable Development, and the International Decade of Sciences for Sustainable Development to strengthen science and technology education and contribute to a more sustainable future. Participants emphasized the vital role of teachers, professional associations, industry, governments, NGOs, and international organizations in supporting high-quality science and technology education for all.

The conference participants call upon all involved in research, policy development, teacher education, and educational practice to actively implement this Declaration within their regions of the world.

We resolve to:

- promote science and technology education as a foundation for achieving the Sustainable Development Goals and advancing the objectives of the International Decade of Sciences for Sustainable Development;
- support the responsible, ethical, and evidence-based use of artificial intelligence and emerging technologies while strengthening curriculum, teaching, learning, and assessment practices that foster inquiry, problem-solving, systems thinking, creativity, and real-world applications of science and technology;
- invest in high-quality initial teacher education and continuing professional development that prepares educators to address emerging scientific, technological, environmental, and societal challenges;
- strengthen partnerships among schools, universities, industry, governments, NGOs, and local communities, and promote international collaboration, comparative research, and the sharing of effective practices to advance science and technology education globally;
- expand opportunities for authentic laboratory, field-based, and experiential learning that empower learners to understand and respond to climate change, biodiversity loss, environmental sustainability, and other global challenges through evidence-based decision-making;
- recognize Ocean Literacy as an essential component of science education and support the goals of the United Nations Decade of Ocean Science for Sustainable Development, while working collaboratively with UNESCO, scientific organizations, teacher associations, industry, governments, and civil society to promote a more sustainable, equitable, peaceful, and resilient world.

Dated in Cork, Ireland, this 25th day of June 2026.