



International Council of Associations for Science Education

ICASE, the International Council of Associations for Science Education, is an international umbrella organization. It was established in 1973 to extend and improve science education for children and young people throughout the world. ICASE is dedicated to supporting Science Teacher Associations and others interested in promoting science and technology education. An additional ICASE goal is to provide a means of communication among individual science teacher associations and all science education stakeholders; and foster cooperative and collaborative efforts to improve science education at national, regional and international levels. The purpose of this strategic plan is to put forward the ICASE vision and mission. It also identifies the structures and initiatives to be undertaken over the next 12 years to meet the goals of ICASE.

ICASE STRATEGIC PLAN

Formulated February 2011; Revised and approved by the ICASE Executive Committee, 20 September 2011.

VISION of ICASE in 2023 (50th Anniversary of ICASE): Delivering excellence in Science Education Worldwide.

ICASE by 2023 will provide the foundation and leadership in delivering excellence in school Science Education globally. Its role will be to help develop and sustain Science Teacher Associations so that all science teaching is enhanced through collaboration, innovative methodologies and connections across the globe. ICASE will be known throughout the world for its reputation to deliver.

ICASE headquarters will be a global hub providing resources and development strategies, empowering cooperation and collaboration through science education. The headquarters will enable all to be engaged with, and be enlivened by, the capacity of science to improve the quality of life and sustainability of the environment, democratic developments and technological advancements.

MISSION of ICASE:

Leadership in an active, global, collaborative science education community.

The mission of ICASE is to coordinate, enact and disseminate research, collaboration and resources that enhance the impact and growth of both science education and Science Teacher Associations throughout every continent. ICASE shows its capability to deliver world and regional conferences, enabling collaboration that positively impacts on the promotion of relevant and exciting science education.

ICASE coordinates research beyond national boundaries to improve the way science education is delivered in classrooms, online in virtual delivery modes and in published media.

ICASE delivers advocacy for the ongoing development of science education and relevant Science Teacher Associations to international bodies, such as UNESCO, and with governments globally to ensure relevant curriculum and science education policy development.

The vision recognises that in providing global coordination, the world can progress with both efficiency and relevant, meaningfully acquired, science education that improves every student's experiences and outcomes.

SUMMARY OF INITIATIVES TO DELIVER THE MISSION AND BUILD THE VISION.

SERVICES, INITIATIVES AND SPECIAL FOCUS AREAS

ICASE continues to research resource developments for science education to ensure affordable, relevant and fascinating science education is delivered through Science Teacher Associations in every part of the world. Ongoing reviews promote the development and updating of ICASE materials as well as evaluation of other science education resources produced around the world.

ICASE has a major passion to improve science pedagogy, student motivation, as well as strengthen Science Teacher Associations. It continues to deliver workshops and develop projects to help science teachers, build membership and increase the visibility, effectiveness and sustainability of Science Teacher Associations, especially in the developing world.

ICASE, working in consultation with countries and regions which do not have Science Teacher Associations, takes the lead to help develop structures, policy and mechanisms to create valued and effective resources for local science teaching.

COMMUNICATION, REPUTATION and MARKETING

ICASE continues to work on the development of its own marketing and reviewing communication of its value, its relevance and its ongoing work to the science education community.

ICASE continues to target and deliver relevant information to its members as well as media sources on ICASE initiatives, policy changes, publications, research, conferences and exhibits.

POLICY AND GOVERNANCE

ICASE is currently reviewing its constitution and its standing orders.

The executive committee is working to establish excellent accountability and its adherence to due process. In conjunction with improved accountability is the clarification and development of executive responsibility and role.

ICASE is working beyond this Strategic Plan to develop annual and five-year planning cycles and to balance action and activity across these timeframes. ICASE is also working to ensure achievement and delivery are closely audited and evaluated.

MEMBERSHIP

ICASE is reviewing its current membership listing, evaluating its databases and consolidating membership interactions to create an efficient and effective organisation.

ICASE is working on a series of strategies to improve recruitment, reporting and communication with its membership base.

ICASE is reviewing the need to encourage both a wider membership and engagement with Science and Science Education departments in Universities, other tertiary Education Institutes and organisations with an interest in science education.

FINANCE

ICASE is working on a range of actions designed to improve its fiscal position, its fund raising strength, sponsorship and patronage for the long term.

ICASE is developing rigour in its financial policy and processes, its reporting and in the transparency of its financial position.

ESTABLISHMENT OF A SECRETARIAT

ICASE is investigating funding for the establishment of a permanent headquarters for ICASE. A future mission of ICASE is seen as requiring a central office and permanent staff to improve its ability to deliver on its promise and service Science Teacher Associations and other members promptly and effectively.