3rd NATIONAL NUCLEAR SCIENCE & TECHNOLOGY CONFERENCE

Harnessing Nuclear Science and Technology for Namibia's Industrialization and Prosperity.



18-20 November 2026 Swakopmund, Namibia

BACKGROUND

One of the functions of the Atomic Energy Board is to advise on the peaceful uses of nuclear energy and specifically to seek means and ways how the nuclear sector can make a meaningful contribution to the national development agenda. Nuclear science and technology (NST) plays a critical role in advancing national socio-economic development across multiple sectors including healthcare, agriculture, energy, industry, water and management.

As part of this mandate, the Board continues to mobilise stakeholders towards a common agenda that will enhance the development of the nuclear sector in Namibia. Hence the Board with close collaboration with various stakeholders, including government and industry institutions affiliated with nuclear applications have initiated a bi-annual national conference to consider matters incidental to the nuclear landscape.

The first NST Conference was held in November 2022 and the second in October 2024. These conferences foster collaborative stakeholders engagements which have been instrumental in the formulation of Namibia Nuclear Industry Strategy. This Strategy has also been pivotal in the formulation of the Nuclear Industry Focus Area in the Sixth National Development Goal (NDP6). A solid foundation has been laid to develop the nuclear industry and the focus on the governance; skills and specific projects development to catalyse the development of the industry. Continuing on the past trajectory, the Board will organise the 3rd NST Conference in November 2026.

PURPOSE

Building on the success of the 2022 and 2024 NST Conference, the Atomic Energy Board, in collaboration with key partners and relevant stakeholders presents the 3rd NST Conference to:

- Advance implementation of Namibia's Nuclear Industry Strategy.
- Showcase local and international nuclear technology innovations.
- Strengthen regional and global partnerships in peaceful use of nuclear science and technology.
- Explore opportunities to address development challenges in the health, agriculture, and energy sectors through the application of nuclear science and technology.
- Provide a platform for researchers, and professionals to share research findings in nuclear science and technology.

CONFERENCE STRUCTURE

Pre-Conference Event (17 November 2026)

A pre-conference event will be hosted to give high school leaners the opportunity to show case their innovation skills in the field of nuclear science and technology. Schools will be given an advance invitation to develop models that illustrates science and technology and how these helps mankind to advance social and economic development. The event is intended to stimulate the interest of leaners in nuclear science and technology and encourage increased uptake of students and professionals in the sector.

CONTACT: ATOMIC ENERGY BOARD
NUCLEAR SCIENCE AND TECHNOLOGY CONFERENCE ORGANIISING COMITTEE
EMAIL: nst.conference@mhss.gov.na, namalambocollin@gmail.com, Petrina.Nghidengwa@mojlr.gov.na; PHONE: +264 61 203 2417/8, +264 61 206 6302, +41 79 209 28 03 (WhatsApp)

DAY 1 (18 NOVEMBER 2026)

Day 1 of the conference will feature high level statements from policy makers, international partners and nuclear industry leaders. The session is intended to display Namibia's commitment and policy intentions in the nuclear sectors. It will also seek to gauge the trajectory at the global and regional level to ensure Namibia remains at par with developments beyond the national agenda.

Recognising Namibia's position as a leading uranium producer and growing interest to further develop the nuclear fuel cycle, Session I on Day 1 will consider the dynamics around the uranium production, value addition and utilisation. It will further expand on Namibia's ambition to pursue a nuclear power programme.

DAY 2 (19 NOVEMBER 2026)

Day 2 will focus on the application of nuclear science and technology in the health and agriculture sectors. Session II will showcase national progress on the application of radiation medicine in Namibia, while also considering the latest technological developments in the health sector. Session III will consider the application of nuclear techniques in the food and agriculture sector, focusing on food safety and food security at both national and international level.

DAY 3 (20 NOVEMBER 2026)

Day 3 will consolidate to reflect on key issues that cuts across the various specialities. Session IV will discuss the human resources development and utilisation aspects as a key enabler for the development of the nuclear industry. Session V will address governance matters including the regulatory matters such as radiation safety, nuclear safety, nuclear security and safeguards.

The conference will conclude with a panel discussion, focusing on cooperative arrangements and opportunities to pursue within the scope of all the thematic areas of the conference.

TARGET AUDIENCE

- Government policy makers and regulators
- Nuclear industry representatives (mining, technology, healthcare)
- Academic institutions and researchers
- IAEA and international nuclear organizations
- Healthcare professionals (oncology, radiology, nuclear medicine, medical physics)
- Agricultural and environmental scientists
- Students and emerging professionals
- Regional stakeholders from SADC countries
- Diplomatic missions in Namibia

ABSTRACT SUBMISSION

Academia and researchers who wish to present their work are invited to submit their abstracts in any related area of nuclear science, technology and applications. Academic and practice-based papers that fall within the following topics will be welcomed as oral or poster presentations:

- Nuclear fuel cycle and uranium beneficiation
- Radiation medicine (diagnostics, radiation therapy, nuclear medicine -radioisotope production)
- Nuclear techniques in agriculture and food security
- Nuclear applications in industries
- Environmental radioactivity and water management
- Dosimetry, radiation protection, and safety
- Nuclear instrumentation and analytics
- Small Modular Reactors (SMRs) and energy applications
- Nuclear waste management

Guidelines for submitting an abstract:

- Maximum 500 words (1-2 A4 pages)
- Include one figure/graph/table maximum
- No references required
- Submission Deadline: 31 July 2026
- Notification of Acceptance: 30 August 2026
- Submit to:nst.conference@mhss.gov.na

REGISTRATION

To register for the conference, scan the QR code or use the registration link below:

https://forms.gle/QF9BeHppoL1vLodCA

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