

The Nuclear Industry Association of South Africa

AIM

niaso
nuclear industry association of south africa

The aim of the Association is to represent the Nuclear Industry in South Africa and to support, promote and champion the collective interests of its members

Objectives

- To act as a public voice for the nuclear industry
- To actively promote the maximum local industrialisation and economic clustering of nuclear manufacturing in South Africa
- To promote skills development, job creation and Black Economic Empowerment through the nuclear industry in South Africa
- To promote excellence and a culture of safety and security within the nuclear industry
- To facilitate coherence and to avoid duplication of effort in the development and expansion of the nuclear industry

Objectives

- **To present a common face and purpose to Government on shared values and concerns**
- **To promote public understanding of nuclear technology**
- **To act as a sounding board to Government on policy formulation**
- **To promote a common approach to research and related scientific issues and the role of universities**
- **To facilitate the solution of problems or obstacles faced by the industry**

Sponsor Members



- **AREVA**
- **AVENG Group**
- **DCD-Dorbyl**
- **EDF**
- **Eskom**
- **Mitsubishi Heavy Industry (MHI)**
- **Necsa**
- **PBMR**
- **Westinghouse Electric Company**

Representation

NIASA aims to involve all industries involved in nuclear technology including:

- **Uranium Mining**
- **Nuclear Power Industry**
- **Fuel Cycle**
- **Radiation Protection**
- **Medical Applications**
- **Agricultural and Biological Applications**
- **Manufacturing and Support Industries**
- **Quality Assurance and Standards Organisations**
- **Consultancy, Financial and Similar Organisations**
- **Educational and Training Institutions and Organisations**
- **Project Management**

Membership

- **Targeting companies and institutions**
- **It is an Industry Association and not “Society”**
- **All employees of member organisations are de facto members and can participate in NIASA activities**

Some Activities


- **Launch meeting June 2007**
- **Founding meeting 6 Nov. 2007**
- **5 Sub-Committees**
 - **Manufacturing**
 - **Education**
 - **Communication**
 - **Regulatory**
 - **Finance**
- **Broad representation in each Committee**
- **Each Sub-Committee has a series of actions/activities and workgroups**

Manufacturing

- **Largest Sub-Committee**
- **Core Purpose:**
 - **To advance nuclear manufacturing knowledge in South Africa**
 - **To support the establishment of nuclear manufacturing capability and capacity in South Africa**
 - **To assist in the establishment of a globally competitive and sustainable nuclear manufacturing industry**
- **Various workshops arranged to date**
- **ASME workshop on Codes and Standards**
- **Localisation workshop**
- **Technology Transfer**

- **Survey of all current nuclear related education and training**
- **Collaborative Tertiary Nuclear Education Model**
 - **7 Universities participating**
 - **2 Deans' Plenaries arranged**
 - **Various existing educational programmes included in the collaborative concept**
- **Skills Secretariat**
- **Supported various skills surveys**
- **Skills requirement assessment**
- **WNU Short Courses**

Communication

- **To educate and create awareness of the significance of nuclear power and nuclear technology**
- **To increase the level of public acceptability of and support for nuclear power as a viable energy source** 
- **To develop and implement stakeholder engagement and communication strategies and plans**
- **Some Activities**
 - **Patrick Moore lecture series**
 - **Website**
 - **Nuclear video production**
 - **Engagement with press**

Regulatory

- **To represent the SA nuclear industry and to facilitate contributions to an improved regulatory framework**
- **Survey of other Nuclear Regulatory Environments**
- **Workgroups:** 
 - **Consolidation of industry needs and proactive pursuit of solutions for compliance**
 - **Consistent understanding and application of regulatory framework across nuclear and related industries**
 - **Promote use of international standards and sound practices relevant to local realities**
 - **Conduit role between NIASA members, regulators and policy makers**

Conclusion

**NIASA is desirous to cooperate
with Government on the
implementation of the Nuclear
Energy Policy**