

Become a Member

ESARDA is open to applications for membership by European and non-European organisations. Membership is free and subject to an internal acceptance procedure.

If your organisation would like to participate in the working group activities, please send an e-mail to the Secretariat, describing how your organisation could contribute.

If you are interested in participating in ESARDA symposia, meetings, or the ESARDA course please refer to the website for information. The ESARDA symposia and courses are open to the public.

Further information about the Association, Bulletin, proceedings, reports and other reference documents can be found on the ESARDA website.

Contacts

For further information about ESARDA activities please contact:

ESARDA Secretariat

c/o European Commission
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About ESARDA

ESARDA, the European Safeguards Research and Development Association, is comprised of European entities actively involved in the field of Nuclear Safeguards and associated parties across the globe. ESARDA was created in 1969 to support the intense R&D activity in safeguards, due to the rapid expansion of nuclear energy production.

Nuclear Safeguards can be described as a set of technical measures applied by a European and international inspectorate to verify that countries and/or operators comply with their international obligations. The Euratom safeguards are applied by the European Commission to provide confidence that nuclear materials in the EU are not diverted from their declared end uses. With IAEA safeguards they guarantee the peaceful use of nuclear energy .

Current Members

As of 2023, ESARDA counts 36 Parties, 15 Associated members, and six collaboration agreements.

The European Commission represents the European Atomic Energy Community (EURATOM). Representatives from other organisations that are not member parties, amongst them the IAEA, ABACC, ENEN and INMM, regularly take part in ESARDA activities. The ESARDA network includes national regulatory authorities, operators of nuclear facilities under safeguards, research centres and academia.

Our Objective

ESARDA's main objective is to assist the European and International safeguards community with the advancement of safeguards, enhancing the efficiency of systems and measures, as well as investigating how new techniques and approaches can be developed and implemented.

The key element of ESARDA's activities is the frequent interaction between R&D personnel, plant operators and safeguards authorities.

Activities

1. Annual meetings and Symposia

ESARDA events provide an opportunity for collaboration and the exchange of scientific information. The latest developments and different perspectives on tackling the challenges in the field are presented and debated at the meetings, which traditionally take place in May. Alternating with open symposia, biennial plenary meetings take place where all ESARDA working groups convene to discuss issues of common interest in joint meetings.

2. Working Groups

The Working Groups are established to promote and undertake collaborative R&D and information exchange activities in particular fields.

Discipline - oriented	Horizontal - oriented
<ul style="list-style-type: none">• Containment and Surveillance• Techniques and Standards for Destructive Analysis• Techniques and Standards for Non-Destructive Analysis• Verification Technologies &	<ul style="list-style-type: none">• Export Control• Final Disposal• Implementation of Safeguards• Material Balance Evaluation• Training and Knowledge Management

3. Publications: Indexed Journal, Proceedings and Newsletter

Through the Editorial Committee ESARDA provides a line of publications freely available to the public. These include conference proceedings, the 'Connector' newsletter, and the peer-reviewed Bulletin "*The International Journal of Nuclear Safeguards and Non-Proliferation*".

Since 2020, the ESARDA Bulletin has been included in the Scopus citation database and is the only indexed journal fully dedicated to the multidisciplinary area of nuclear safeguards. All publications are available on the ESARDA website.

4. ESARDA Course

Since 2005, the JRC organises in collaboration with ESARDA the academic course on Nuclear Safeguards and Non-Proliferation, which is recognised by the European Nuclear Education Network (ENEN).

The course given by leading experts is free of charge and provides a chance to students to learn more about the general background of safeguards legislation, nuclear fuel cycle, verification technologies and the evolution of safeguards. A course Syllabus (revised in 2023) is made available to all course attendees and can be downloaded from the ESARDA website.