
**TERMS OF REFERENCE FOR
THE IAEA TECHNICAL WORKING GROUP ON
NUCLEAR DESALINATION**

TWG-ND

The Technical Working Group (TWG) on Nuclear Desalination is a group of experts to provide advice and support programme implementation, reflecting a global network of excellence and expertise in the area of nuclear seawater desalination and address challenges related to integrated water resources management in nuclear facilities.

I. SCOPE

The TWG-ND focuses on the application of nuclear energy to seawater desalination and associated technologies, and on addressing challenges related to integrated water resources management in nuclear facilities.

The scope of work includes the areas of programme assessment and planning, research, development, design, construction, economics, safety aspects, international collaboration for demonstration projects, and operation and maintenance of nuclear desalination plants.

The TWG-ND will coordinate its activities with other IAEA programmes in areas of mutual interest, as well as with related activities of other international organizations, to avoid duplication of activities.

II. FUNCTIONS

The functions of the TWG on Nuclear Desalination are:

- a) To provide advice and guidance for implementation of the IAEA's programmatic activities in the area of nuclear seawater desalination and address challenges related to integrated water resources management in nuclear facilities;
- b) To provide a forum for information and knowledge sharing on national and international programmes development in the area of nuclear desalination and integrated water resources management.
- c) To act as a link between the IAEA's activities in specific areas and national scientific communities, delivering information from and to national communities.
- d) To provide advice on preparatory actions in Member States and the IAEA's activities in planning and implementing coordinated research programmes, collaborative assessments and other activities, as well as the review of the results on nuclear desalination demonstration projects;
- e) To develop and/or review selected documents from the Nuclear Energy Series, assess existing gaps and advise on preparation of new ones, in the scope of their field of activity;
- f) To identify important topics for discussion at the Standing Advisory Group on Nuclear Energy (SAGNE) and contribute to status reports, technical meetings and

topical conferences in the field of nuclear desalination and integrated water resources management;

- g) To encourage participation of young professionals, as appropriate, in IAEA activities.

III. MEMBERSHIP

Members of the TWG-ND shall be appointed by the Deputy Director General, Department of Nuclear Energy, following consultation with the respective national authorities or organizations.

Members of the TWG-ND:

- shall be recognized experts in nuclear seawater desalination and integrated water resources management having extensive links with national technical communities;
- are to serve for a standard length of four years;
- shall participate in the Group in their personal capacity, and shall provide as appropriate views on national policies and strategies in the technical field;
- may, as appropriate, bring experts to provide additional information and share experience in the meetings of the TWG.

The total membership of the TWG-ND shall not exceed twenty (20) members.

The Deputy Director General of the Department of Nuclear Energy may from time to time also co-opt additional members and/or invite observers from other Member States and international or regional organizations on an ad-hoc or continuing basis.

IV. CHAIRMANSHIP

The Chairman of the TWG-ND shall be selected from the members of the TWG by the Deputy Director General, Department of Nuclear Energy.

V. SECRETARIAT AND ADMINISTRATIVE AND TECHNICAL SUPPORT

Within available resources, the Deputy Director General will provide for administrative and secretariat services required by the TWG-ND, including meeting facilities, maintenance of records and distribution of documents. The IAEA shall provide the services of a Scientific Secretary. Support, when required, will be provided by managers/ staff from the Department of Nuclear Energy, or other relevant departments.

VI. METHODS OF WORK AND DELIVERABLES

Except as otherwise herein stated, the TWG-ND will determine its own methods of work, including preparation of its Agenda, establishment of special groups, keeping of records and other procedures, and report on its findings to SAGNE.

The activities of the TWG-ND between periodic meetings shall be coordinated by the Scientific Secretary taking into due consideration the relevant recommendations of the TWG and SAGNE.

Following each meeting, the TWG-ND shall provide the Deputy Director General of the Department of Nuclear Energy, with a report on its achievements and recommendations. The report shall also be published on the Web in a format and content agreeable to all members.

The Chairman of the TWG shall communicate to SAGNE the recommendations for strategic development or other important topics to be discussed at SAGNE meetings.

VII. MEETINGS

The TWG-ND will meet at regular intervals in every sixteen to eighteen months at IAEA Headquarters with each meeting lasting up to three working days. Extraordinary meetings may be called when required.

Meetings will be conducted in English only.

VIII. COSTS

The IAEA is not in a position to bear the travel and other costs of the TWG members to the TWG meetings. All costs involved in the participation of each member, including travel and per diem expenses, shall, in general, be supported by the Member State/organization. However, the IAEA may contribute to the cost of attendance of members from developing countries, if sufficient funds are available and if a significant contribution can be made to the meeting by the respective members.