

Programme Structure and Format

Pre-conference - Monday, 3rd June, 2019 (PM)

- ♦ Local guided tour

Day 1 - Tuesday, 4th June, 2019

(AM) FISA and Euradwaste joint introduction:

Intervention from high level representatives of the European Commission, Romanian Ministry, IAEA, OECD Nuclear Energy Agency (NEA), European Economic and Social Committee, European Nuclear Society, FORATOM European nuclear energy industry

(PM) (Plenary session and parallel FISA session)

State of play in Safety of Reactor Systems, Radioactive Waste Management, Radiation Protection and linked Euratom Directives.

Evening: Poster session and conference cocktail

Day 2 - Wednesday, 5th June, 2019

(Parallel sessions on the Euratom programme)

(AM) SESSION ONE - Predisposal and disposal technology developments.

(PM) SESSION TWO – Radioactive waste source term and science for disposal safety.

Day 3 - Thursday, 6th June, 2019

(// sess. cont.)

(AM) SESSION THREE – Networking of research communities, Joint Programming of national programmes and integration of Radioactive waste producers

(PM) FISA and Euradwaste joint concluding session. Keynote introduction on the state of the Energy Union and EU Climate policies, role of Nuclear Energy for a low carbon economy, Conference summaries by the two general rapporteurs, European Commission and Romanian Presidency conclusions

Day 4 - Friday, 7th June, 2019

Technical visits

The plenary presentations will be made by invited speakers. The sessions will include keynote addresses made by representatives of the EC, international organisations, Euratom research projects and by external experts. The respective presentations will be in the form of overviews, summaries and analyses of the subject or project matter. Panel discussions will conclude the main thematic domains. More detailed results of projects and additional contributions will be presented by posters.

Publication

The proceedings including written papers will be published in English by the EC.

Practical information and Registration

Venue: Hotels to be announced in Pitesti, Romania.

Date: 4-6 June 2019 conference & 7 June 2019 technical visits

Official language: English will be the working language for the oral and written communications of the conference.

Conference fee: There will be no conference fee. Advanced registration will be required.

Detailed information regarding the programme and accommodations will be made available, together with the registration form, in early 2019

Important Dates

15 November 2018	First Announcement
15 January 2019	Registration opens
March 2019	Preliminary Programme
15 May 2019	Registration deadline Final Programme
31 May 2019	Online book of abstracts and final programme, printed version at the conference
4-6 June 2019	Euradwaste'19 (Pitesti)

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EURADWASTE '19

9th European Commission Conference
on EURATOM Research and Training
in Radioactive Waste Management



Co-organised
by the European Commission
and the Romanian Presidency of the Council
of the EU in 2019

4-7 June 2019
Pitesti, Romania

Background

Euradwaste are traditional conferences organised by the European Commission once in each Framework Programme (FP) for research and training (R&T) in radioactive waste management. They are intended to present the results of all the projects co-funded during the Euratom FP, to exchange on the status of implementation and the challenges facing national programmes in Europe and to discuss future research needs of common European added-value and the implementation strategy and means between Member States' (MS) national programmes.

Euradwaste '19 will be the 9th event in the series since the start of the programme in 1975.

In 2011, the new EU Directive on the responsible and safe management of spent fuel and radioactive waste (Directive 2011/70/ Euratom) was adopted requiring MSs to submit, every three years, a national report on the implementation of their national programme. The MSs' second report was due in August 2018. Euradwaste will therefore provide an opportunity to present an overall picture on the main issues addressed by MSs such as policy, organisational framework, milestones, timeframes, as well as RD&D activities to implement technical solutions for the management of all types of radioactive waste from generation to disposal.

The strategy and content of the successive Euratom FP have continuously evolved with the gradual knowledge development, via research, in the MSs. A key principle for action remains to be of use to the largest number of MSs through common research and sharing and exchanging views and results. This is characterised by two cornerstones policy objectives: to provide support to developing management and disposal solutions, in particular geological disposal and to move towards integration of the concerned research communities and eventually of MS national programmes to materialise the concept of European Research Area (ERA) initialised in 2000.

The on-going Euratom programme (2014-2018, now extended to 2019-2020) complements the Horizon 2020 FP for research and Innovation. During this programme the Commission has applied the above-mentioned policy objectives. In the work programme (WP), 2014-2015, the Commission continued its support to implementation-oriented research for the first-of-the-kind geological repositories, in line with the Implementing Geological Disposal – Technology platform (IGD-TP) vision of having the first geological disposal facilities operating safely in Europe by 2025. Integration of the Technical Support Organisations (TSOs) was deepened through the SITEX II project, for competence development in the review of safety case applications. This led the TSO community to establish its own network in 2018. Another aim of this first WP was to prepare for the step change in the coordination of research at European level via partnering of MS research programmes with the use of European Joint Programme Co-fund instrument. In essence, Euratom would fund an integrated Joint Programme implementing a common vision, Strategic Research Agenda, roadmap and governance mechanisms covering all activities from pre-disposal to disposal for all categories and waste streams, instead of individual projects. The JOPRAD coordination action carried out this strategic work seeking support of MS Ministries to mandate and integrate the joint views of the actors having an official role in their national programmes (Waste Management Organisations, TSOs and research entities).

A proposal for a European Joint Programme (EJP) on radioactive waste management was submitted to the Commission in September, 2018. Subject to positive evaluation of the proposal the EJP could be launched in 2019 at the Euradwaste conference.

In the meantime, WP 2016-2017, also opened-up research on pre-disposal of unconventional or legacy waste, in particular, characterisation and treatment. Pre-disposal research is meant to become integral part of the future EJP with involvement of waste producers.

Objectives and Scope

As tradition also, the Euradwaste conference will be held concurrently with the FISA conference on the safety of reactor systems.

The EC is pleased to announce that Euradwaste '19 and FISA2019 will be organised under the auspices of the Romanian EU Presidency 2019.

A common introduction and closure to the two conferences will provide a unique opportunity to set the scene at EU and national levels. The opening day will also feature a session to provide an overview of the three thematic domains, main activities of the Euratom programme: Safety of Reactor Systems, Radioactive Waste Management and, for the first time, Radiation Protection. Each domain will include keynote presentations on the European and international status, the status of the respective Directives on Nuclear safety, management of spent fuel and radioactive waste and the Basic Safety standard, the status of the Euratom R&T programme and general discussion.

The rest of the sessions will be in parallel and cover specific FISA and Euradwaste themes.

The programme for Euradwaste'19 will be split in three sessions to present the results of 13 Euratom research and coordination projects and integration of the research communities and MS programmes.

Session one, will be on predisposal and geological disposal technology developments. Session two, will cover radioactive waste source term and science for disposal safety and session three, on networking of the research communities, Joint Programming of national programmes, coordination with IAEA and OECD NEA programmes for efficient synergies and integration of radioactive waste producers.

Each session will include a keynote presentation and a general panel discussion.

Dates for radioactive waste geological disposal

Source: National reports under Council Directive 2011/70/Euratom and Implementation Geological Disposal – Technological Platform (IGD-TP)



The Conferences' organisation has received funding from the H2020 Euratom Programme under GA n° 826027 and the Romanian Presidency to the Council of the EU in 2019.

