

LABONET FOCUS AREAS

State of the art in analytical procedures

Destructive analysis

Sampling procedures

Non-destructive analysis

Testing of waste forms and waste packages

Quality-assured measurements

Proficiency testing

Inter-laboratory comparisons

Verified processes

RELEVANT IAEA PUBLICATIONS

Determination and Use of Scaling Factors for Waste Characterization in Nuclear Power Plants, IAEA Nuclear Energy Series No. NW-T-1.18 (2009).

Strategy and Methodology for Radioactive Waste Characterization, IAEA-TECDOC-1537 (2007).

Characterization of Radioactive Waste Forms and Packages, Technical Reports Series No. 383 (1997).

For more information please contact:

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http://www.iaea.org/OurWork/ST/NE/NEFW/wts_LABONET_homepage.html



IAEA

International Atomic Energy Agency

Atoms for Peace

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IAEA

International Atomic Energy Agency

Atoms for Peace

Network of Laboratories for Nuclear Waste Characterization (LABONET)

*A Network to promote the sharing of
practical characterization experience*



Network of Laboratories for Nuclear Waste Characterization (LABONET)

The Network has been established to increase efficiency in sharing international experience in the application of proven, quality assured practices for the characterization of radioactive waste and waste packages, and to accelerate risk reduction and cleanup of environmental legacies. LABONET provides targeted assistance, responding to the needs of Member States.

OBJECTIVES OF THE NETWORK

To support organizations and Member States with less advanced nuclear programmes for characterization of radioactive waste, by facilitating access to (sharing of) the relevant skills, knowledge, management practices and approaches, and expertise from Member States with mature operating nuclear facilities and characterization laboratories;

To develop an expanded range of training and demonstration activities with a regional or thematic focus providing hands-on, user-oriented experience and disseminating proven analytical procedures;

To facilitate cooperation and exchange of knowledge and experience among organizations with characterization facilities (in operation or planned) in pursuit of good practices and ensuring long term knowledge management;

To create a forum in which experts' advice and technical guidance may be provided on the IAEA's

programme in the area of waste management;

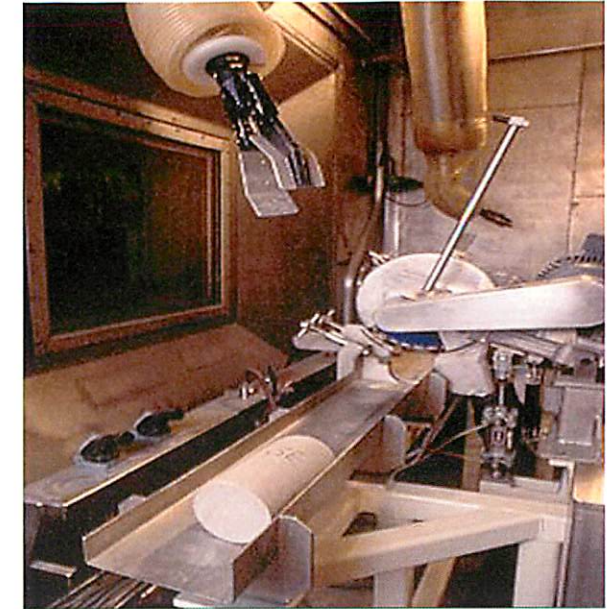
To propose coordinated research projects (CRPs) for relevant technical needs.

LABONET ACTIVITIES

- Providing training courses, fellowships or scientific visits;
- Organizing and delivering relevant workshops;
- Establishing a web site to facilitate a community of practice for laboratory characterization;
- Developing a database of procedures, standards, etc.;
- Facilitating and coordinating professional services exchange among LABONET members;
- Providing qualified peers among the members of LABONET to support IAEA efforts on peer reviews and technical support;
- Defining and coordinating funded research projects, i.e. IAEA CRPs.



Non destructive techniques



Destructive techniques

ORGANIZATION

LABONET is open to Member State laboratories or organizations with responsibilities and interests in radioactive waste characterization.

TECHNICAL SECRETARIAT AND SUPPORT: The technical secretariat is provided by the IAEA's Department of Nuclear Energy while the Department of Technical Cooperation (TC) provides management and financial support for training courses and scientific visits for Member States eligible to receive assistance under the TC programme.

Owners and operators of facilities provide significant in kind contributions through the hosting of training events and technical visits.

LABONET also works closely with other IAEA networks on issues of mutual interest.