ARCAL: Helping Member States to develop industrial applications

The challenge…

Nuclear research reactors are used to analyze and test materials and to produce radioisotopes, as well as for research and education. They are used in many fields within the nuclear industry, environmental science and nuclear medicine.

ARCAL projects in energy and industry…

ARCAL has assisted countries in the Latin American and the Caribbean region to establish a coordinated programme to improve research reactor use consistent with IAEA safety standards.

The programme has provided support to each participating country to improve capabilities for the safe management of research reactors and the implementation of adopted safety standards by Member States.

Twelve training courses and workshops have been held, involving more than 120 participants from all ARCAL Member States that operate research reactors. Training was provided in the fields of reactor calculations, reactor operation and technology, and reactor utilization. Expert services and equipment have been provided to support these activities.

The impact…

ARCAL has contributed to the safe and optimal use of research reactors in the region, and to the establishment of a regionally recognized capability for research reactor calculations.

Credit: Carlos Linares