

# Algeria

IAEA Member State since December 1963

## Selected achievements

**2023:** The University Hospital Centre of Bab El-Oued and Pierre and Marie Curie Cancer Centre is officially designated as one of the first Rays of Hope Anchor Centres.

**2021:** Algeria establishes its regulatory authority.

**2019:** Algeria promulgates its national nuclear law.

**2018:** Algeria establishes its National Nuclear Medicine Network, comprising more than 40 units and including the first positron emission tomography–computed tomography (PET-CT) scanner in a public hospital in the country.



HE Larbi Latroch, Resident Representative of the Permanent Mission of the People's Democratic Republic of Algeria, signs Algeria's latest Country Programme Framework (CPF) for the period of 2024–2029. (Photo: O. Yusuf/IAEA)

## National priorities

- Human health and nutrition
- Food and agriculture
- Water resource management and environmental protection
- Energy planning
- Industrial applications
- Radiation and nuclear safety
- Nuclear knowledge management

## Main areas of IAEA support

- Human health
- Radiotherapy
- Radiobiology
- Medical physics
- Cancer treatment

## Project successes

### Nuclear instrumentation

The Nuclear Instrumentation Division of the Birine Nuclear Research Centre has enhanced its capabilities to maintain, repair and refurbish

nuclear instruments with IAEA support. This effort has enabled maintenance services and training for technicians (many organized by the IAEA and AFRA) to be provided locally, and made available to users in other IAEA Member States within the AFRA region. Adequate infrastructure for maintenance, repair and training has progressively been put in place. IAEA support has had a long term impact on enhancing nuclear instrumentation expertise in Algeria.

### Livestock production

With support from the IAEA, Algeria has enhanced its animal health and livestock production. The cooperation improved diagnostic and reproductive capacities in animal breeding and provided expertise for a feasibility study for a biosafety laboratory. Training provided to staff at the National Institute of Veterinary Medicine (INMV) covered subjects such as epidemiology and diagnosing abortive diseases. Equipment was also provided to enhance the Institute's work on pathogens affecting fertility, protocols for oestrus synchronization and embryo transfer. This support of the Institute has contributed to INMV's certification for competence in testing and calibration of laboratories in 2014 under ISO/CEI 17025:2005 with regard to the diagnosis of animal pathologies.

## Cancer control

As part of its National Cancer Plan 2015–2019, Algeria has undertaken a substantial initiative to offer more effective treatment for its cancer patients. The plan includes the establishment of new cancer centres offering clinical services in radiation oncology and nuclear medicine. IAEA support played a crucial role in upgrading the skills of medical professionals, including nuclear physicians, medical physicists, radiation oncologists and technologists, and in improving patient safety for modern radiotherapy and nuclear medicine techniques.

## Participation in the major initiatives

- NUTEC Plastics
- Rays of Hope
- ZODIAC



IAEA-donated equipment arrives at the National Institute of Veterinary Medicine in Algiers, Algeria in September 2020. (Photo: D. Amar/Ministry of Agriculture and Rural Development)

## Date of imPACT Review(s)

2015, 2011

## IAEA support received in the 21st century



## Contributions to South-South and triangular cooperation

