

# Mozambique

IAEA Member State since September 2006

## Selected achievements

**2023:** A dosimetry laboratory is inaugurated at the National Atomic Energy Agency.

**2023:** A brachytherapy unit is launched at Maputo Central Hospital, following the opening of the first radiotherapy unit in 2019.

**2018:** Diagnostic capacities at the Agrarian Research Institute for zoonotic transboundary animal diseases are enhanced.



The Minister of Health of Mozambique Armindo Tiago with members of the imPACT Review Team in May 2024.  
(Photo: IAEA)

## National priorities

- Nuclear and radiation safety
- Food and agriculture
- Human health
- Water resources management
- Marine and coastal environment
- Energy planning

## Main areas of IAEA support

- Human health
- Food safety
- Animal health
- Establishment of regulatory infrastructure

## Project successes

### Radiation safety

Since 2009, the IAEA has supported the establishment of Mozambique's nuclear regulatory authority, the National Atomic Energy Agency. This assistance has contributed to the development of a national regulatory infrastructure for radiation safety, control of occupational exposure, and the drafting of the Atomic Energy Law. In 2023, the dosimetry laboratory at the National Atomic Energy Agency was inaugurated, enhancing Mozambique's capabilities to conduct radiation measurements to ensure nuclear safety.

### Human health

With IAEA support, Mozambique established its first public radiotherapy centre at Maputo Central Hospital in 2019. Current efforts focus on the consolidation of the radiotherapy service to maximize the utilization of the linear accelerator already installed and on the full introduction of the brachytherapy service through human resources capacity building of key personnel.

The recent addition of a second treatment planning station is expected to significantly increase patient treatment capacity to at least 100 patients per day.

Food safety

With support from the IAEA, Mozambique has improved its food safety measures to develop laboratories dedicated to testing and monitoring chemical and microbial hazards. The Central Veterinary Laboratory, the Food Safety Laboratory and the Fishery Inspection are now able to conduct confirmatory tests for veterinary drug residues, pesticide residues and mycotoxins. This has eliminated the need to send samples abroad for analysis, increasing self-reliance and sustainability to ensure the safety of Mozambique’s food supply.

Participation in the major initiatives

- Rays of Hope
- ZODIAC



Members of the 2024 imPACT Review mission view equipment at a radiotherapy service in Maputo Central Hospital, Mozambique. (Photo: IAEA)

Date of imPACT Review(s)

2024, 2014

IAEA support received in the 21st century



Contributions to South-South and triangular cooperation

