

# Kenya

IAEA Member State since July 1965

## Selected achievements

**2023:** With IAEA support, Kenyatta University establishes an Internet Reactor Laboratory.

**2022:** The radiotherapy centre in Eldoret Moi Teaching Referral Hospital (MTRH) is established.

**2019:** Kenya establishes the Nuclear Power and Energy Agency (NuPEA), responsible for the promotion and implementation of the country's power programme.



A plot of disease-resistant wheat grows at Eldoret University in Kenya. (Photo: G. Webb/IAEA)

## National priorities

- Food and agriculture
- Human health
- Sustainable energy
- Water resource management

## Main areas of IAEA support

- Nuclear power
- Human health
- Industrial applications
- Water resources management
- Food and agriculture
- Food security

## Project successes

### Radiotherapy

With IAEA support, Kenya upgraded its radiotherapy and nuclear medicine services at Kenyatta National Hospital. The initiative included the commissioning of new medical equipment and comprehensive training for medical professionals. Two doctors trained in radiation oncology now lead the facility. To improve cancer care nationwide, the Government also allocated funds for radiotherapy equipment to establish a second public cancer referral centre at Eldoret.

### Energy

Since 2012, the IAEA has helped Kenya to develop its nuclear power infrastructure, with a focus on building the workforce, institutional capacity, and legal and regulatory frameworks. Collaborative efforts include a pre-feasibility study for a nuclear power plant, capacity building through training and fellowships, as well as an Integrated Nuclear Infrastructure Review mission and an action plan to implement its recommendations. This has strengthened the expertise needed to develop a national infrastructure for nuclear power, including energy assessment, nuclear power planning, engineering, safety, security and regulation. High level decision makers have been sensitized about the nuclear power programme. Several agreements have been signed to help with human

resources development in order to build the required skills to deliver and operate an economic, safe and reliable nuclear power programme.

## Participation in the major initiatives

- NUTEC Plastics
- Rays of Hope

## Date of imPACT Review(s)

2016, 2010



PCR Kits in use at the Kenyatta National Hospital, Nairobi, Kenya. (Photo: C. Madara, Nuclear Power and Energy Agency)

## IAEA support received in the 21st century



## Contributions to South-South and triangular cooperation

