

## Selected achievements

**2023:** The IAEA conducts a second imPACT Review in the country in collaboration with the WHO and IARC.

**2023:** Nuclear technology is used to control fruit flies and enhance agricultural productivity.

**2014:** The IAEA conducts a first assessment of Fiji's cancer control services.



During his visit to Fiji in November 2022, IAEA Director General Rafael Mariano Grossi visited the Centre for Pacific Crops and Trees, Narere Fiji, where nuclear scientists are breeding more resilient crops to help mitigate the effects of climate change. (Photo: K. Laffan/IAEA).

## National priorities

- Nuclear and radiation safety
- Food and agriculture
- Human health and nutrition
- Water and the environment
- Nuclear power and energy planning
- Industrial applications

## Main areas of IAEA support

- Nuclear regulatory infrastructure
- Radioactive waste management
- Cancer management
- Mutation breeding
- Soil and water management
- Operational safety of research reactors and nuclear power reactors

## Project successes

### Insect pest control and crop productivity

With IAEA support, Fiji successfully addressed the negative impact of fruit flies on its agriculture and export economy.

The collaboration involved capacity building in the IAEA's Seibersdorf laboratories and the provision of relevant field equipment. As a result, Fiji increased the production and export of key crops, including okra, papaya, breadfruit, mango, eggplant, and chillies.

This initiative not only strengthened Fiji's agricultural resilience but also contributed to regional training through the Pacific Community's Regional Office and the Centre for Pacific Crops and Trees (CePaCT).

### Human health

The 2023 imPACT Review took stock of the progress achieved in the country since 2014 and advised on the need for capacity building and finance. It assessed the feasibility of Fiji establishing its first radiotherapy facility and helped develop a roadmap for its construction, including advising on the legislation framework for radiation safety.

Findings from this review helped to inform Fiji's National Cancer Control Plan.

## Nuclear science and technology

Fiji is part of the Sub-regional Approach for the Pacific Islands (SAPI) that promotes nuclear science and technology sharing among Pacific Island nations and was launched in January 2022.

Through this initiative, Fiji cooperates with other countries in the field of nuclear science and technology to address national development priorities.

## Participation in the major initiatives

- Rays of Hope

## Date of imPACT Review(s)

2023, 2014



In Fiji, IAEA Director General Rafael Mariano Grossi also met with people from Toguru village, a community at risk of being evacuated due to rising waters and climate change. (Photo: K. Laffan/IAEA)

## IAEA support received in the 21st century



## Contributions to South-South and triangular cooperation

