

# Barbados

IAEA Member State since November 2015

## Selected achievements

**2019–2023:** Quality assurance of radiation medicine at Queen Elizabeth Hospital improves with the acquisition of a bio-safety cabinet and quality control equipment. In addition, a medical physicist and medical technologist are trained.

**2022:** Analytical capabilities are enhanced at the national laboratory, the Government Analytical Services, as additional equipment and supplies are provided for food safety and water quality analysis.

## National priorities

- Human health
- Water and the environment
- Food and agriculture
- Radiation safety and nuclear security
- Energy planning

## Main areas of IAEA support

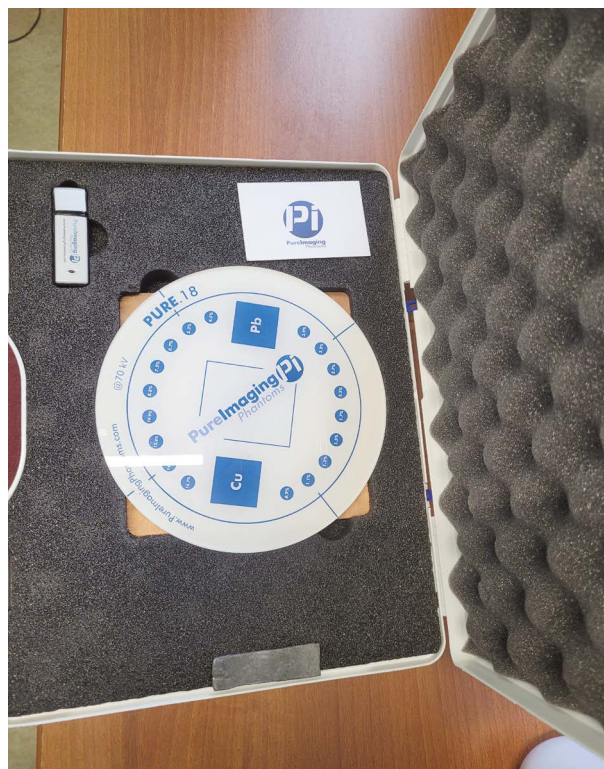
- Human health
- Food safety
- Water resource management
- Radiation safety

## Project successes

### Nutrition

National capacity to study obesity was strengthened in Barbados with the provision of additional laboratory equipment and supplies, as well as training for staff, at the George Alleyne Chronic Disease Research Centre at the University of the West Indies and at the Ministry of Health and Wellness.

The goal of these efforts was to better understand obesity, promoting effective strategies for prevention and management.



Quality control equipment procured for the Queen Elizabeth Hospital to support its quality assurance programme. (Photo: S. Frater-Smith/IAEA)

### Food safety

National capacities to analyse food safety were bolstered with the repair of existing equipment and the procurement of additional laboratory equipment for use by the Government Analytical Services national laboratory.

These measures have contributed to improved public health standards and regulatory practices.

### Water resource management

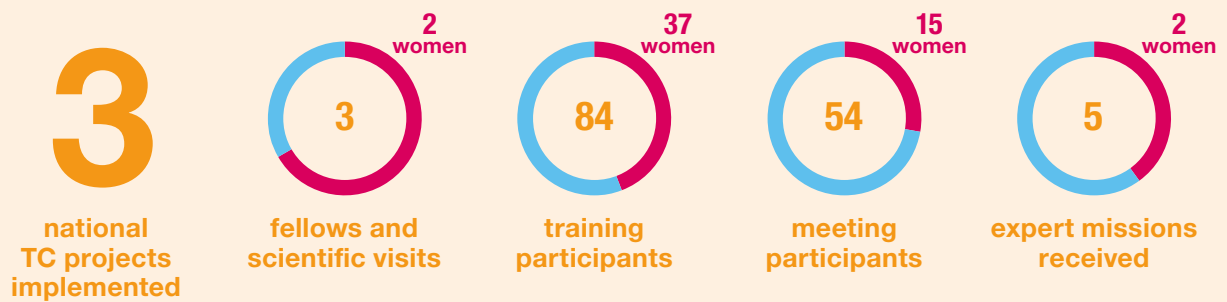
Barbados is making advances in the field of water resource management. Laboratory equipment for the Government Analytical Services national laboratory and field equipment for the Barbados Water Authority were procured with IAEA support.

These measures aim to facilitate the effective analysis and monitoring of water resources, contributing to enhanced water quality management and protecting the wellbeing of the population and the environment.



First responders practice wearing different levels of protective clothing to respond to radiological emergencies at a regional training course held in Bridgetown, Barbados, in June 2018. (Photo: J. Arnsward/IAEA)

## IAEA support received in the 21st century



## Contributions to South-South and triangular cooperation

