

# Cameroon

IAEA Member State since July 1964

## Selected achievements

**2021:** The radiotherapy facility at the General Hospital Douala is reopened following the replacement of the cobalt-60 source.

## National priorities

- Strengthening food security
- Improving food safety
- Improving health and nutrition
- Improving animal production and health
- Supporting the development of industrial Applications of radiation (NDT)
- Strengthening environmental protection
- Increasing human resource development

## Main areas of IAEA support

- Food safety
- Agricultural production
- Human Health
- Water resources management
- Energy planning
- Industrial quality control
- Development of radiation protection infrastructure



Of the 3000 homes surveyed in Cameroon for concentrations of naturally occurring radioactive radon isotopes, almost 50 per cent were found to have concentrations above WHO-established safety limits. Residents were advised to ventilate their homes regularly as mitigation. (Photo: M. Gaspar/IAEA)

## Project successes

### Non-destructive testing

In 1997, Cameroon established the country's first non-destructive testing (NDT) facility in anticipation of the services that would be required for the quality control and inspection of the 1070 km Chad–Cameroon oil pipeline. Since 1999, the TC programme has supported the national institution HYDRAC through various projects to establish the country's first NDT capabilities. HYDRAC subsequently became a self-reliant institution, able to respond to national needs for NDT inspections, and to extend its NDT services to several other African countries.

### Radon monitoring

Cameroon improved its regulation for exposure to radon and conducted surveys for radon in over 3000 dwellings, including in areas rich in uranium deposits.

Cameroon's Institute of Geological and Mining Research (IRGM) is one of the leading institutions in Africa on the measurement of radon in homes. The country has now developed an action plan for the control of public exposure to radon in homes and workplaces.

## Animal health

Cameroon has enhanced the early diagnosis of animal diseases at the National Veterinary Laboratory (LANAVET) with the support of national TC projects. The development of these skills has led to the successful accreditation of the laboratory as ISO 17025-compliant, the only such veterinary laboratory in Central Africa. As a result, LANAVET has been able to increase its capacity, and now supports several countries in the region by exporting seven different veterinary vaccines. Farmers in Benin, Burkina Faso, Chad, Côte d'Ivoire, Gabon, Ghana and Nigeria all benefit from support by LANAVET.



HYDRAC, a company specializing in the use of nuclear techniques for industry, has become the first analytical laboratory in Cameroon to receive accreditation in food safety using nuclear techniques. (Photo: M. Gaspar/IAEA)

## Participation in the major initiatives

- Rays of Hope
- ZODIAC

## Date of imPACT Review(s)

2013

### IAEA support received in the 21st century



### Contributions to South-South and triangular cooperation

