

Key achievements in Côte d'Ivoire

- 2017: Côte d'Ivoire's first radiotherapy centre opens in Abidjan, with a capacity of 160 to 200 patients a day.
- 2016: Government funded and staffed Radiation, Safety and Nuclear Security Authority becomes operational, following a decree in 2014.

Atoms for peace and development

The International Atomic Energy Agency is the world's central intergovernmental forum for scientific and technical cooperation in the nuclear field. It works for the safe, secure and peaceful uses of nuclear science and technology, contributing to international peace and security.

The IAEA's technical cooperation programme helps countries to use nuclear science and technology to address key development priorities, including health, agriculture, water, the environment and industry. The programme also helps countries to identify and meet future energy needs. It supports greater radiation safety and nuclear security, and provides legislative assistance.



Recent project successes

Radiation safety

Côte d'Ivoire's main priority for assistance from the IAEA is in radiation safety. Following the establishment of a number of facilities, such as radiotherapy and nuclear medicine centres, attention is now focused on establishing adequate radiation monitoring services to further improve staff and patient radiation protection.

Cancer control

The IAEA supported the launch of Côte d'Ivoire's first radiotherapy centre in 2016 as well as a newly established nuclear medicine facility. Specialist training through long term fellowships was provided for five radiation oncologists, four medical physicists and ten radiation therapy technologists. Clinical operations started at the centre in May 2018 with a full service available shortly after.

Livestock production and health

In animal health, the IAEA has supported the National Laboratory for Agricultural Development in Bingerville for the past ten years. Projects have helped establish the relationship between animal health, nutrition, production and livestock reproduction and have resulted in a substantial improvement in livestock productivity. This was facilitated through the provision of equipment, training of laboratory technicians and the organization expert missions on areas such as ruminant nutrition (e.g. the use of coffee waste, cocoa husks and residues), and the diagnosis and control of rinderpest, African swine fever and major transboundary animal diseases.

Professor Didi-Kouko Coulibaly, Director of the newly opened Alassane Ouattara National Centre of Medical Oncology and Radiotherapy, stands next to the Centre's CT simulator. The IAEA provided the staff of Côte d'Ivoire's only radiotherapy unit with long term fellowship training. (Photo: Abdou Ndiath/IAEA)

Active national projects

- Studying Small Ruminant Respiratory Diseases (IVC5038)
- Improving Maize Production in Savannah Areas with Severe Pedoclimatic Degradation in the North of Côte d'Ivoire through the Cultivation of Induced Mutants Adapted to these Areas. (IVC5039)
- Establishing Secondary Standards Dosimeter Laboratories for Radioprotection, Radiology, Radiotherapy and Nuclear Medicine (IVC6012)
- Developing Regional Radiotherapy Services (IVC6013)
- Strengthening the Regulatory Infrastructure and the National Nuclear Regulatory Authority (IVC9007)

Côte d'Ivoire also participates in 44 regional and 2 interregional projects mostly in the area of health and nutrition, food and agriculture, water and the environment, and radiation protection and nuclear safety.

Previous IAEA support to Côte d'Ivoire

The IAEA previously focused its assistance to Côte d'Ivoire on human health (including radiation therapy and nuclear medicine), animal health, food security and radiation safety.

IAEA support to Côte d'Ivoire, 2009–2019



356

trained
(including 42
women)

24

international
experts
provided

55

attended specialist
meetings
(including 6
women)

Priority areas of support

- Strengthening the food and agriculture sectors
- Improving human health
- Developing sustainable energy
- Enhancing water resource management
- Improving nuclear and radiation safety, and nuclear security

Côte d'Ivoire's contribution to South-South and triangular cooperation, 2009–2019



32
expert and lecturer
assignments provided
by Côte d'Ivoire

32

training course
participants

9

fellows or
scientific visitors
hosted

Based on data available as of April 2020

Cancer control imPACT Review conducted: July 2010

www.iaea.org/technicalcooperation

The IAEA collaborates with National Liaison Officers and Permanent Missions to deliver its TC programme.