

Selected achievements

2019: Systematic monitoring programmes for food contaminants are established to improve food safety.

2019: The national comprehensive nuclear law receives Government approval.

2012: The implementation of the sterile insect technique helps to manage the Mediterranean fruit fly population as part of a control programme in the region.



Four new variants of local durum wheat seed were adapted in the State of Palestine with support from the TC programme to withstand harsh environmental conditions and drought. These were then disseminated to local wheat farmers, helping to improve food security in rural areas.

National priorities

- Radiation and nuclear safety and security
- Management of water resources
- Agriculture and rural development
- Human health

Main areas of IAEA support

- Human health and nutrition
- Food and agriculture
- Radiation protection and nuclear safety
- Water and the environment
- Nuclear knowledge development and management

Project successes

Crop breeding

Following six years of collaboration between the IAEA and the agricultural institutions and organizations of the State of Palestine, four new variants of local durum wheat seed were adapted to withstand the harsh environmental conditions and drought.

These were introduced to the national seed multiplication programmes at the Ministry of Agriculture and disseminated to local wheat farmers, helping to improve food security in rural areas.

Radiation protection and nuclear law

The Nuclear Energy and Radiation Regulatory Authority was established to oversee the effective control of radiological applications and ensure the protection of medical staff and the public from exposure to ionizing radiation. Its creation was mandated by the national law for the peaceful application of atomic energy and radiation protection, approved in 2018.

Food safety

The IAEA supported a programme to enhance the State of Palestine's capacity to monitor and ensure food safety through systematic analysis and monitoring of identified contaminants in food.

This led to the establishment of two national food safety laboratories in Ramallah in 2019: the Central Public Health Laboratory under the Ministry of Health and the Food Safety Laboratory under the Ministry of Agriculture.

Participation in the major initiatives

- NUTEC Plastics
- Rays of Hope

IAEA support received in the 21st century



Contributions to South-South and triangular cooperation

