

## Selected achievements

**2023–2024:** The application of sterile insect technique supports efforts to control and prevent potential vector borne diseases.

**2020–2024:** The regulatory infrastructure and capabilities to ensure radiation safety in accordance with IAEA Safety Standards and Transport Regulations and the regulatory capabilities to enhance security based on international best practice and legal instruments, are strengthened.

**2020:** The effective management of sealed radioactive sources, legacy and new DSRS in the country is improved.

**2018–2022:** Emergency preparedness and response capabilities are strengthened.



Researchers working on a national strategy to prevent the establishment of the Asian Tiger Mosquito under TC project CYP5020. (Photo: IAEA)

## National priorities

- Radiation safety
- Management of sealed radioactive sources
- Strengthening regulatory capabilities
- Control of potentially dangerous insects

## Main areas of IAEA support

- Regulatory infrastructure
- Management of sealed radioactive sources
- Management of legacy and new disused radioactive sealed sources

## Project successes

### Safety

Following several IAEA missions, Cyprus developed a secure National Storage Facility for radioactive sources.

With IAEA and DOE assistance, four high-activity disused sealed radioactive sources (DSRS) were exported in 2020, enhancing security measures and building operational capacity.

New legislation has strengthened regulatory infrastructure, aligning it with IAEA standards.

### Water and the environment

Equipment supplied by the IAEA has improved environmental radioactivity detection and response capabilities.

This multifaceted support has ensured sustained safety, security, and an effective response to nuclear incidents, contributing to Cyprus's long term resilience in nuclear and radiological management.

## Food and agriculture

Ongoing IAEA collaboration since 2022 has helped to identify and control potentially dangerous mosquito populations.

## Participation in the major initiatives

- ZODIAC



Collection of *Aedes* mosquito larvae in the public drainage system as part of the prevention strategy against the establishment of invasive mosquito species.  
(Photo: K. Deufrains/IAEA)

## IAEA support received in the 21st century



## Contributions to South-South and triangular cooperation

