

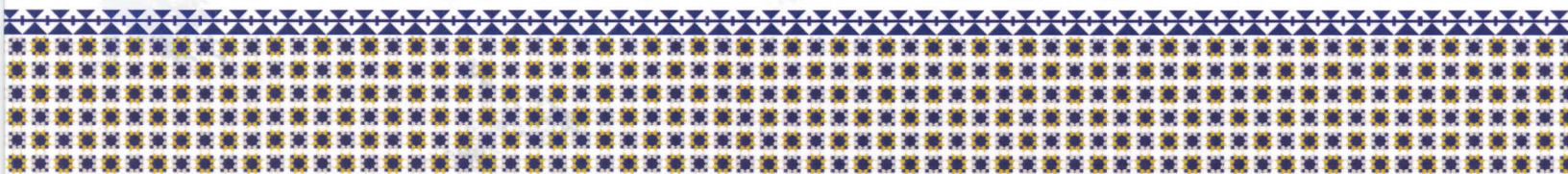


KINGDOM OF MOROCCO

**SHARING MOROCCO'S EXPERIENCE IN DEVELOPING NUCLEAR TECHNIQUES  
IN A SAFE, SECURE AND SUSTAINABLE MANNER**



**HUMAN NUTRITION**



## CONTRIBUTION OF THE ISOTOPE TECHNIQUES TO NATIONAL NUTRITION STRATEGIES

The Government of Morocco, in collaboration with local and international partners, has developed a National Nutrition Strategy 2011-2019 to promote healthy lifestyles, build professional capacity and coordination among partners, and develop nutrition research.

In this context, CNESTEN and Ibn Tofail University established, since 2006, a Joint Unit of Research in Nutrition and Food to develop priority research areas in line with related national and regional health programs. In this regard, several nuclear applications have been developed in collaboration with the IAEA. These techniques are used as a reference to validate conventional methods, determine nutritional status and measure the effectiveness of nutrition national programs, mainly:

- Fighting Micronutrient Deficiencies.
- Promoting Maternal Breastfeeding.
- Preventing and controlling Non Communicable Diseases.



## CONTRIBUTION TO CAPACITY BUILDING IN AFRICA IN THE FIELD OF HUMAN NUTRITION

The accumulated knowledge of the joint Unit CNESTEN and Ibn Tofaïl University, AFRA RDC since 2012, in the application of isotope techniques in nutrition and food, is made available to regional countries to build human capacity and provide expertise.

Over the last decade, the joint Unit in nutrition provided training, analytical services and expertise to several countries from Africa, Asia and Latin America and the Caribbean.

Since 2007, Morocco organizes nutrition leadership program every two years for professionals, Researcher and Students from French speaking African Countries ([www.plan-francophone.com](http://www.plan-francophone.com)).

The joint unit provided from 2006-2018:

- Fellowships: 187 (for IAEA, WHO, UNICEF)
- Analytical services: 1,430 for African countries (IAEA) and more than 10,000 for Moroccan departments (for WHO, UNICEF, and Private sector)
- Expertise: 43 (for IAEA and WHO)







**CNESTEN**

RDC-Nutrition

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