

# Provision of specialized CBRN equipment for the training of personnel in charge of border control in Algeria – P83

The EU Chemical, Biological, Radiological, Nuclear Risk Mitigation Centres of Excellence Initiative  
[https://cbrn-risk-mitigation.network.europa.eu/index\\_en](https://cbrn-risk-mitigation.network.europa.eu/index_en)



Funded by the  
European Union



## CONTEXT

The subject of the contract is the export, supply, delivery, unloading, installation, commissioning, maintenance, after-sales services by the contractor of one batch of equipment dedicated to CBRN preparedness and response in relation to detection and identification at borders of dangerous materials in the category of radiation. The batch is delivered in Algeria for a national training event.

## OVERALL OBJECTIVE

To provide specialized equipment dedicated to CBRN preparedness and response in relation to detection and identification at borders of dangerous materials in the category of radiation.

## SPECIFIC OBJECTIVES

Pedestrian radioactivity detection portal, intended to control people in airports, border posts and seaports. Standalone device must be equipped with all the features and capabilities required for effective radiation inspection:

- People are automatically inspected when walking between the pillars of the monitor
- Must be equipped with PVT gamma-ray detectors and optional Bi0 or He-3 neutron detectors
- The radiation detection performance must meet the requirements of ANSI N42.35 and IEC 62244
- The SNM detection capability with ASTM C1169 for the detection of highly enriched uranium and Pu-239

## ACTIVITIES

1. On-site training on using, operating and maintaining of radiation detection equipment in accordance with the technical offer for the training of personnel in charge of border control in Algeria;
2. Standard test methods;
3. Training, in English, at the delivery places of the equipment to cover things such as operation and maintenance of the equipment and also orientation training comprising theoretical and practical issues and comprehensive practice with the units.

## ACHIEVEMENTS (EXPECTED)

- After completing the training course, users will be able to operate and perform limited maintenance on the equipment without requiring assistance.

## AMOUNT

€ 323 thousand

## IMPLEMENTING PARTNER

Excelor Holding Group

## DURATION

24 months. From January 2020 until January 2022.

## COUNTRIES COVERED

North Africa and Sahel: Algeria.

## CONTACTS

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