



Radiological Protection Advisor Services for X-ray Equipment



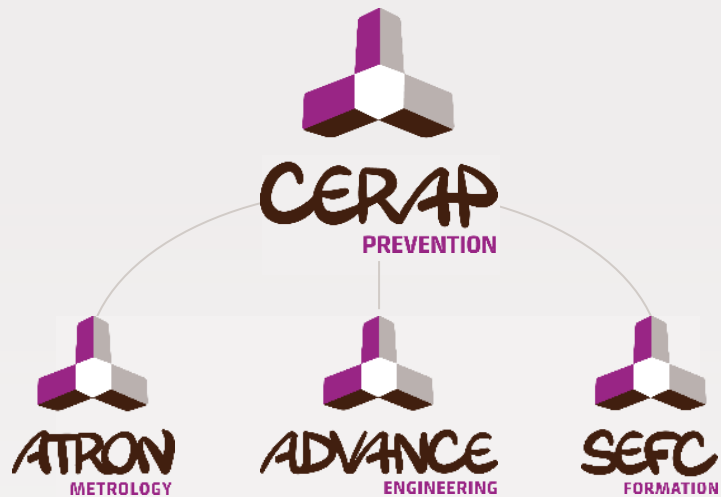
CERAP Prevention

Key Figures

6
Subsidiaries

600+
Employees
as of Jan 1st 2022

€37m
Turnover
in 2021




CERAP Prevention and its subsidiaries are represented by the legal entities **CERAP UK** in the United Kingdom, **CERAP Switzerland** in Switzerland and **NÜSAM** in the United Arab Emirates.



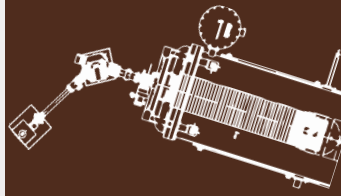
establishment in
France
Switzerland
United-kingdom
United Arab Emirates




10%
of payroll
invested in
training



development
of an autonomous
equipment for
radiological
monitoring and
mapping



1
particles
accelerator



1
nuclear
measures
laboratory

Our Expertise in Radiation Protection Worldwide and in the UK



60+ PWR NPP

France
Switzerland
Belgium
South-Africa



10+ research centres

CEA, ITER, RJH
CERN
CNESTEN
ISPRA



10+ dismantling Sites

UNGG reactors
RNR-Na
Fuel cycle



Accredited body for RP training and Audit

by the French Nuclear Regulator



Appointed RPA
Radiological site audits
Radiation protection advice



Environmental Radioactivity
Monitoring and Radiological
Assessments



Design of radiation
sampling line

Radiation
testing

OUR ACTIVITIES IN THE UK

New Build and Operating Fleet

Operating Fleet – All Nuclear UK NPP

Radiation Protection Services for ENGIE UK

- Appointed Radiation Protection Advisor
- Dosimetry
- Training

New Build – Hinkley Point C

Engineering Consultancy

- Design
- Installation & Testing
- Commissioning

Equipment Qualification

- Radiation Testing



framatome



CERAP UK is a member of the EQUALE alliance for equipment qualification and is in charge of radiation ageing

Radiation Protection Training

Radiation Protection Supervisor (RPS)

- **Provide suitable training** to appoint Radiation Protection Supervisors in accordance with the Ionising Radiation Regulations 2017.
- Teach the following core principles:
 - Basic Atomic Theory
 - Principles of Radiological Protection
 - Role of the RPS and expectations under IRR17
 - Understanding the effects, units and sources of radiation
- Bespoke RPS **training based on client's involvement** with ionizing radiation.



Radiation Protection Awareness



- **Provide instruction and training** to personnel engaged in work with ionising radiation.
- Teach the following radiation protection principles:
 - History of radioactivity
 - Risks of working with ionising radiation
 - Good work practices when working with ionising radiation

Our Expertise in Radiation Protection for X-Ray Equipment



75+ Body Scanner Audits
Radiation Protection For Body scanners In 70+ UK Sites




140+ Baggage Scanner Audits
Radiation Protection For Baggage scanners In 80+ UK Sites



40+ Itemiser Audits
Radiation Protection For Itemisers In 35 +UK Sites




Accredited body for RP training and Audit
by the French Nuclear Regulator

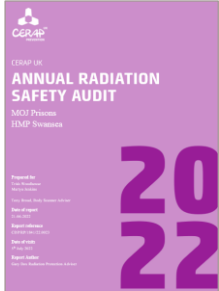


Other Radiation Protection Services:

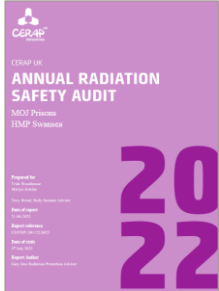
Radon Sampling



Ad Hoc Advice



Radiation Safety Audit Reports



RPS Training

Virtual Reality RPS Training

CERAP UK is currently delivering training with 2 Virtual Reality Scenarios :

- Nuclear Power Plant
- X-Ray Equipment

Benefits of this technology :

- Put into practice the theory you have learnt
- Work in immersive situations, increasing trainees' awareness of radiological hazards
- Enhance team performance by creating collaborative training experiences

Do you need training for specific environment ?

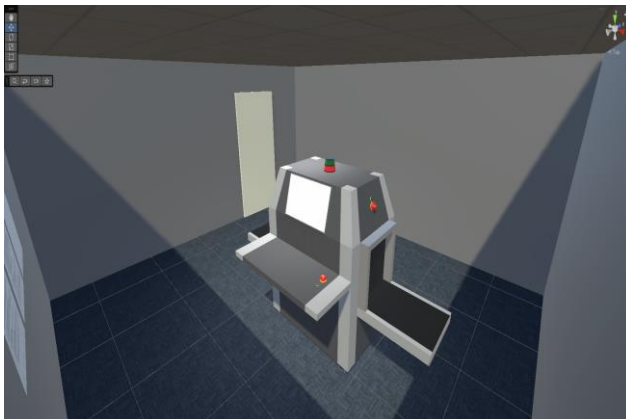
We can develop new scenarios according to your needs.



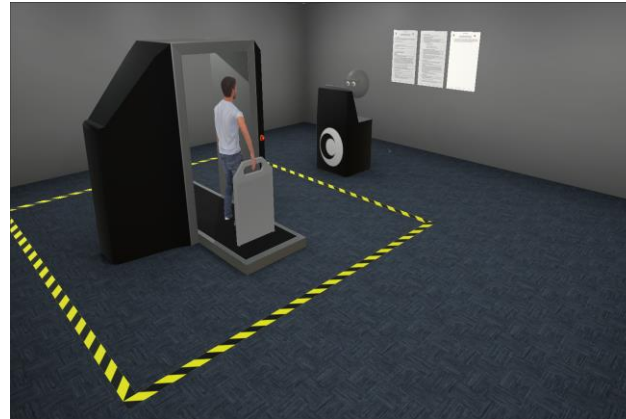
Nuclear Power Plant



Nuclear Power Plant

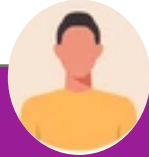


X-Ray Baggage Scanner

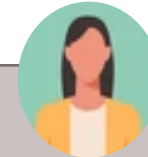


X-Ray Body Scanner

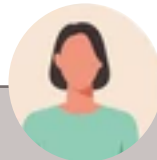
Customer Feedback



Gives you a real experience in a Radiation controlled area



Puts you in a real scenario without the risk



It sticks in your head; the hands-on training really helps !



Trainees can practice in a safe environment to gain experience prior to real world risks

CERAP UK.

Visit us at
www.cerap.uk

Gary BOX
Radiation Protection Adviser

+44 (0) 7 913 967 010

gbox@cerap.uk



Alexis RENE
Business Manager

+44 (0) 7 949 278 217

arene@cerap.uk



Kieron McDonald
Radiation Protection Technician

+44 (0) 7 528 710 701

kmcdonald@cerap.uk

