



ADVANCE
ENGINEERING



Salon « Virtuel »

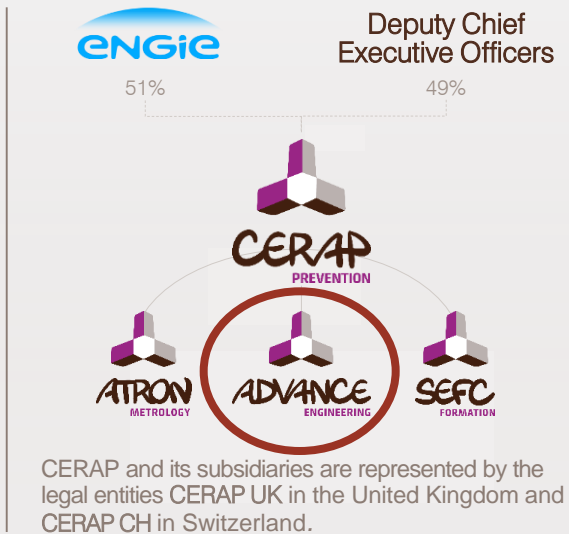
La France au CERN

Wednesday, November 18, 2020

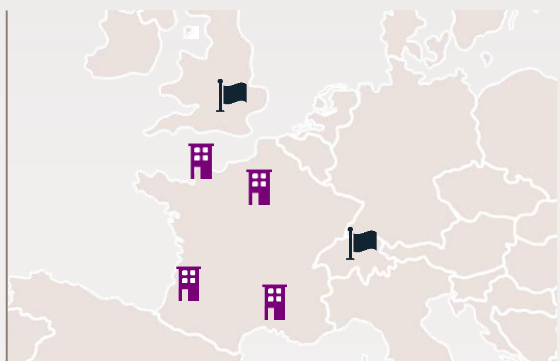
Thursday, November 19, 2020

CERAP & its subsidiaries in a nutshell

CERAP
Prévention
and its
subsidiaries
are part of
ENGIE
Group



We
operate at
international
level,
the closest
to your
specific
needs



- CERAP & Subsidiaries agencies in France
- Legal entities outside France

**creation in
1988**

**530
employees**
As of January 1, 2020

**1
particule
accelerator**

**45,4 M€
sales
turnover**
in 2019

**15%
export turnover**
in 2019

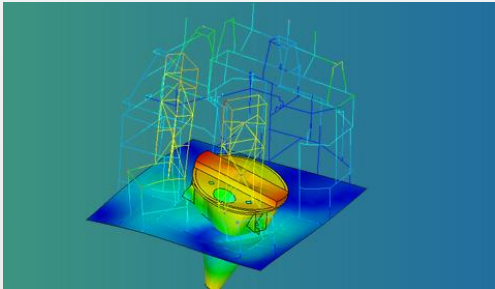
**1
nuclear
measurments
lab**

**10%
of total payroll
dedicated to
training**

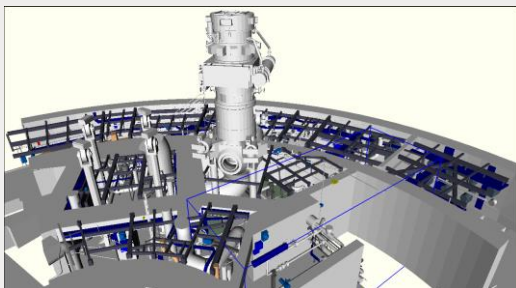
development of
autonomous devices
for radiological
mapping

**1
nuclear
measurments
lab**

ADVANCE ENGINEERING



1. Creation in 2012
2. 150 Collaborators
3. 10 M€ sales turnover
4. 10 % of total payroll dedicated to training



Our areas of expertise

Engineering Consultancy

Feasibility

Basic Design

Detail Design

Commissioning

Operation

Decommissioning

Mechanical engineering

- Calculation & Modelling
- Design codes (RCC, ASME..)
- Pressure Vessel
- General operation
- System
- Ageing management
- Piping & support
- Equipment
- Layout

Electrical Engineering

- HVA/HVB/LV
- Diesel,
- Inverter,
- Calculations
- Cable trays
- EMC
- Lightning protection
- Fire detection system
- Physical protection/safety

Nuclear Engineering

- Commissioning
- Process
- Planning
- Project management
- Quality management
- Maintenance
- Radiation Protection
- Nuclear Safety
- Hazard
- Environment
- Training
- Civil works
- Supply Chain Management

HVAC

- Automation engineering / Control engineering
- Qualification of measurement channels
- Qualification of HEPA filters
- Pricking qualification
- Aeraulic Inventory
- Priming rate
- Equipment
- Support structure

Thank you.

Visit us at
www.advance-eng.fr