

# INNOVATIVE DECONTAMINATION TECHNOLOGY

## PUBLIC

- Project managers, engineers, senior technicians, technicians in the food, pharmaceutical, cosmetic and packaging industries.
- The level of training can be adapted according to how the public is made up.

**DURATION**  
1 day

**TIMES**  
9:00 - 17:30

**COST PER TRAINEE**  
800 €

## AIMS

- To understand problems of decontamination that are not resolved by classic techniques.
- To understand new decontamination techniques: efficacy, limits of use, conditions of use.
- To be able to determine the choice of technology according to context.

## TEACHING RESOURCES

- The training combines theoretical explanations and practical discussions
- Expositions are based on the experiences of those involved
- A document listing all the training supports is provided



## PROGRAMME

### Definition of contamination

- The concept of bioburden
- Matrix micro-organism relations
- Rational aims of decontamination

### Micro-organism resistance mechanism

### Rationale of innovative decontamination methods

### Physical techniques

- Electron beam
- High hydrostatic pressures
- Athermal microwaves

### Advanced oxidation techniques (physical-chemical)

- Ultrasound
- Pulsed light
- UV-C
- Photocatalysis
- Athermal plasmas

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