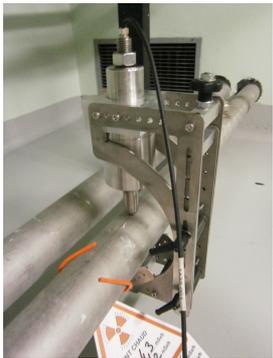


# Decontaminate, clean

## **Without generating induced waste**

Liquid or dry process



Tools specifically designed to meet a wide range of applications in the nuclear industry

- Removal of hot spots (liquid environment)
- Waste decategorisation (dry or liquid)
- Cleaning of filters, hoppers, valves, etc.



## Examples of nuclear feedback

### In liquid

Effect :  
CAVITATION



**Setup of US submersible blocks in a decontamination tank for waste** in the dismantling cell of Orano's R7 vitrification workshop at La Hague.



**Decontamination of the refrigeration loop on R7** (Orano La Hague).



**Removing a hot spot from a pipe DN40 of 10 mSv/h on contact** (EDF).



### Dry process - Contact on solid material

Effect :  
VIBRATION

**N3S Waste decategorisation at Orano Melox**  
(N3S: Not Suitable for Surface Storage) Orano Melox



**Metallic filters decontamination**

**Container decontamination**



**Hopper unclogging**

### Dry process - Without contact

Effect :  
ACOUSTIC WIND

**Surface dust removal**



## Examples of non-nuclear applications

### In liquid

Effect : ATOMISATION

**Spraying liquid in fine droplets of controlled granulometry**



### in Solid

Effect : VIBRATION

**Precise, clean cutting**  
**Welding and sealing (plastics, textiles)**



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