

Cyclife France is setting up a workshop for the treatment of asbestos-containing radioactive waste.

The waste is processed to its final version



In 2023, we are commissioning **a workshop for processing radioactive asbestos-containing waste** at our Centraco unit in the south of France.

Wholly-owned subsidiary of EDF, we have been designing, building and operating facilities for the treatment and recovery of very low to medium-level radioactive materials and industrial waste for over 25 years.

> Our solutions

Our strengths

- Turnkey solutions
- High storage capacity for ISO 20' containers
- A volume reduction of factor ≥ 5
- Separation of non-asbestos and non-compactable waste to enable the recycling of metals by means of the smelting process

Your benefits

- Immediate removal of waste from your sites, thus freeing up your storage space
- Improve the security and safety of your facilities
- Savings due to the reduction in the volume of waste to be stored in your country's final storage facility and the reduction in packaging, transport and associated costs

We offer one-stop solutions for the treatment of your asbestos-containing radioactive waste, including:

- The technical solution: a workshop dedicated to the treatment of asbestos waste
- Support in obtaining storage permits for your waste disposal sites

> Our specifics

- **Delivery**
 - Multimodal transport solutions (sea, road)
 - Double bagging to comply with asbestos regulations
- **Dimensional aspects**

A compact workshop, integrated in the heart of Centraco's incineration unit
- **Output**

Processing the equivalent of one ISO 20' container of waste per week
- **Packaging**

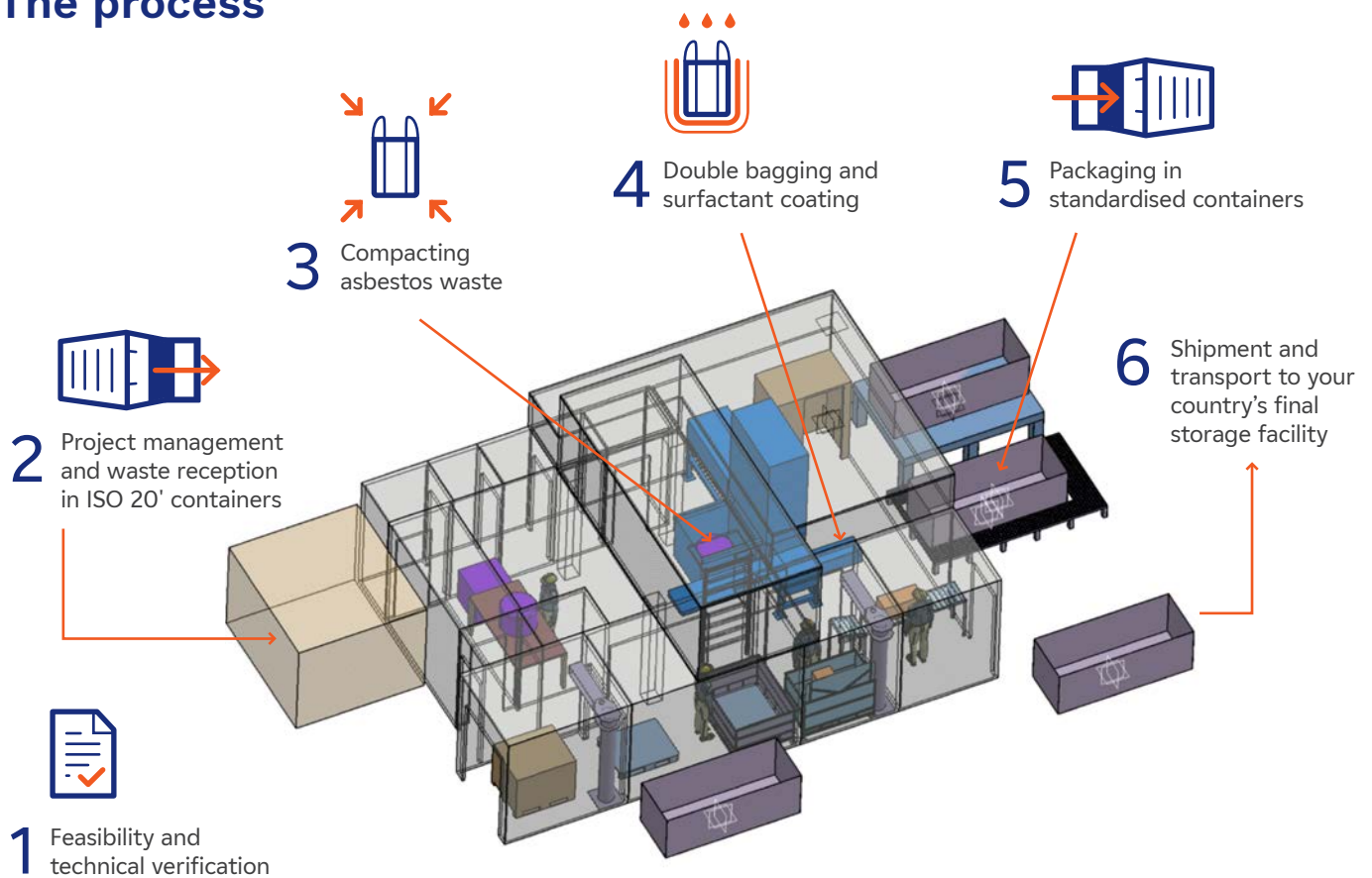
Reduction of the volume of compactable and induced asbestos waste by a factor of 5
- **Recycling**

Non-compactable waste sorted upstream, to enable recycling of metals

At Cyclife France, we create innovative solutions for managing nuclear waste for you and for a responsible and sustainable nuclear industry.

Cyclife in France has processed more than 95,000 tons of waste in 30 years. Our added value? Turnkey solutions, cost optimisation and volume reduction.

The process



Acceptance criteria

- **Acceptable radiological activity:**
 - < 20,000 Bq/g for β/γ
 - < 370 Bq/g for α
- **Acceptable surface labile contamination:**
 - < 4 Bq.cm⁻¹ for β/γ
 - < 0.4 Bq.cm⁻¹ for α
- **Processing capacity:**
 - One 20-foot container equivalent/week
- **Amphibole or chrysotile asbestos**
- **Dose rate below 2 mSv/h**
- **Special conditions:**
 - waste up to 3 m³ and 5 tons
- **Compactable asbestos waste** (heat insulation, etc.) and waste from workshop operations (clothing, filters, etc.)

Our customer references



The requirement

Treatment of 98 containers of asbestos-related radiological waste from Chinon NPP

The solution

Treatment of asbestos-containing radiological waste in a specific workshop for final storage

The results

Release of storage areas at the Chinon nuclear power plant and optimisation of final storage

A question or a project?

Contact us!

