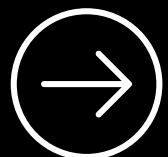


LAW 07/2022, OF APRIL 8  
**ASBESTOS INVENTORY  
AND REMOVAL  
SCHEDULE**



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# ANALYSIS

# CONTEXT

The regulations on waste and contaminated soils (law 07/2022, of April 8) highlight the importance of inventorying and preparing a removal schedule for all sites with asbestos.

The term asbestos is known as a family of metamorphic and fibrous minerals made up mainly of complex silicates of iron, aluminum and magnesium. This mineral product has been widely used in industry, construction and many consumer products for its insulating properties, durability and resistance to chemicals and heat; and at its low cost. However, the health risks related to materials containing asbestos have been known for years when they break or wear, due to the fact that fibers can be released that can be inhaled by people.

State Law 7/2022, of April 8, on waste and contaminated soils for a circular economy, establishes in its preamble as the main objective of any waste policy, reducing to a minimum the negative effects of the generation and management of waste. waste on human health and the environment. Article 30 of this Law determines that, without prejudice to the specific regulations for certain waste, dangerous substances and, in particular, the asbestos. The same Law also establishes that town councils must prepare a census of asbestos facilities and sites and a calendar for their removal.



# ASBESTOS IN FIGURES



**130.000**

DEATHS CAUSED BY ASBESTOS IN  
SPAIN EXPECTED BY 2050

**+2M**

TONS OF ASBESTOS IN  
SPAIN

**+88.000**

ANNUAL DEATHS CAUSED BY ASBESTOS  
IN EUROPE

**2032**

DEADLINE TO ERADICATE  
ASBESTOS

# GUIDELINES

The lack of specificity in Law 07/2022, of April 8, has led to the development of a methodological guide published by the General Directorate of Public Health and Health Equity with the aim of helping municipalities in preparing the census of facilities and sites with asbestos, as well as planning its removal.



## **Exploration phase (screening)**

Obtaining a list of locations and facilities that are susceptible to containing asbestos based on documentary analysis. These results are collected in this document.

## **Basic census**

Application of technology, such as geospatial data and artificial intelligence (GeoAI) to approximate the amount of asbestos present in the municipality.

## **Withdrawal Prioritization**

With a deadline for action on high-risk public facilities or sites of 2028, this prioritization will be based on the UNE 171370-2 standard.

## **awareness**

Put information at the service of citizens and count on their active participation. Establishing an accessible cartographic viewer and notification mailbox is a good way to do this.

## **Inspection, removal and management**

Once all of the above has been prepared, the municipalities must act on publicly owned properties before 2028.

# BASIC INVENTORY

At Agforest we ensure rigor in the exploratory phase (screening). To do this, we integrate all the available information about buildings, facilities, infrastructure, etc. located in the municipality.

**Having a true-to-life overview of the susceptibility of facilities and locations to containing asbestos is crucial to dimensioning the problem. At Agforest we combine all the information about the sites: chronology, type of use for which it was designed, current use, characteristics, cadastral reference, location and accessibility, among other factors, to know the potential amount of asbestos present in the municipality.**

**We provide an initial and exhaustive screening prior to the preparation of the basic census. This is when the artificial intelligence (AI) algorithm developed "in-house" by Agforest analyzes the geospatial data to find out the asbestos present in the municipality.**

It is relevant to know the susceptibility of containing asbestos in sensitive locations such as educational centers, both public and private, health centers, etc. at provincial, regional and local levels. However, the remote sensing system developed by Agforest allows us to know, with a precision of over 90%, the amount of asbestos present in the municipality in order to take the necessary measures to protect citizens.



# DELIVERABLES

# CENSUS, REMOVAL

# AND KNOWLEDGE



## BASIC CENSUS

- Directory of georeferenced data (SHP, GEOJSON and KML).
- Data in tabular format (XLSX and CSV).
- GIS project (ArcMap and QGIS).
- Statistical graphics.
- Cartographies in PNG and PDF.
- Statistical summaries.
- Technical reports and summary of results.



## WITHDRAWAL SCHEDULE

- Scheduling of asbestos removal in locations identified according to the UNE 171370-2 standard.
- Integration of information related to the removal schedule and the census of sites with asbestos into the cadastre information.



## PUBLIC WEBSITE CENSUS

- Web viewer 100% integrable with the city council website to promote passive advertising and citizen collaboration included in law 07/2022.
- Promotes the visibility of aid and subsidies for withdrawal.

# SOFTWARE SAAS

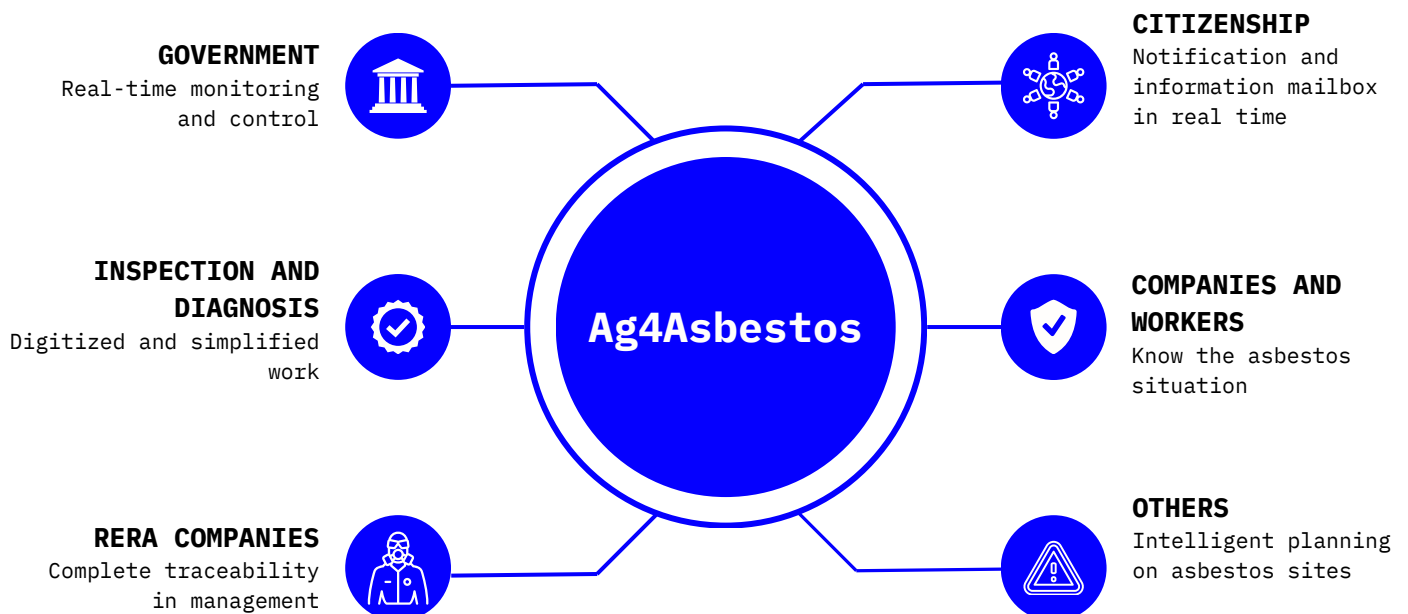
# AG4ASBESTOS

Comprehensive solution for managing the life cycle of asbestos and achieving its traceability.

The waste and contaminated soil regulations (Law 07/2022, of April 8), together with the Strategy for an Asbestos-Free Europe established by the European Commission, pose a great challenge for municipalities: achieving traceability of asbestos management. , a material that constitutes a public health problem.

At Agforest we have developed the only SaaS solution in the world that accompanies all the actors involved in the asbestos life cycle to generate a "footprint" of the management of the entire process.

Public administration, removal companies (RERA), citizens, workers, inspection companies, landfills and the rest of the people involved in the process working from a common place. The ability to count and consolidate all the information to know the process in detail.





## GLOBAL LEADERS

# THE ADVANTAGES

Agforest is the world's leading company in the application of remote sensing to identify asbestos-containing fiber cement roofs. This technology, which combines geospatial data with artificial intelligence (AI), provides some advantages to the Public Administration:



↑90%

Precision in remote sensing of asbestos-containing fiber cement roofs in the national and international market.



<2

**Census and asbestos removal schedule based on the UNE 171370-2 standard prepared in less than 2 months thanks to Agforest technology.**



Solution that guarantees full compliance with Law 07/2022: prioritization of the removal of asbestos from public sites with high risk before 2028.

**GEOAI**

**"SMART**

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**PYME INNOVADORA**

Válido hasta el 24 de mayo de 2027



GOBIERNO  
DE ESPAÑA

MINISTERIO  
DE CIENCIA, INNOVACIÓN  
Y UNIVERSIDADES