



**COMPANY PRESENTATION  
ABADECOM MANUFACTURER SL  
2023**





## INDEX

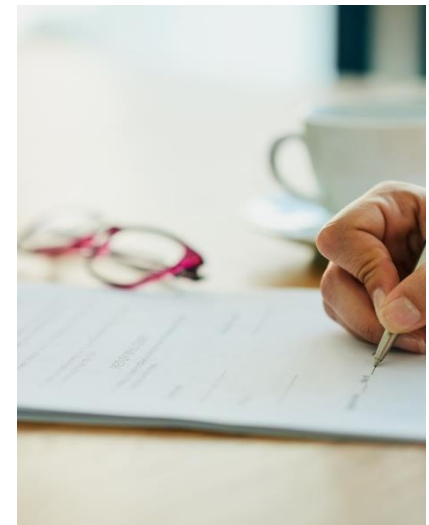
### **1. PRESENTATION**

- 1.1. Our Values
- 1.2. Mission and Vision

### **2. Business Line**

- 2.1. Abadecom Circular Economy
- 2.2. Abadecom Machinery
- 2.3. Abadecom I+D+i





# OUR VALUES

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## **PROXIMITY**

Understanding and closeness to the needs of our clients and collaborators.

## **INNOVATION**

We are committed to continuous improvement, seeking creative and efficient solutions that guarantee the sustainability of the company..

## **TEAM WORK**

Encourage the participation of all to achieve a common goal, sharing information and knowledge.

## **COMMITMENT**

Identify and feel as their own the common objectives and propose improvements for its proper functioning.



# MISSION AND VISION

## Mission

Provide professional solutions and personalized products that respect the environment in the field of the circular economy, aimed at international trade, with the sole purpose of responding to the needs and concerns of customers and taking an active part in achieving their objectives.



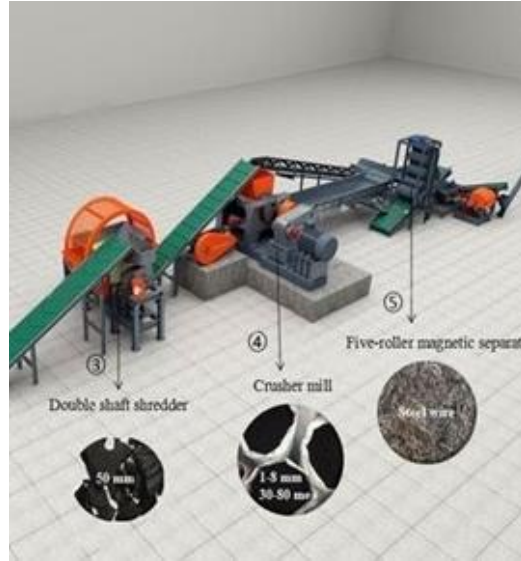
## Vision

Strengthen ourselves as one of the main Spanish manufacturers and suppliers in international trade, providing professional and personalized solutions in the field of circular economy and environmentally friendly products, with a clear customer orientation, based on training, motivation, commitment and involvement of our human team.





ABADECOM  
CIRCULAR ECONOMY



ABADECOM  
MACHINERY



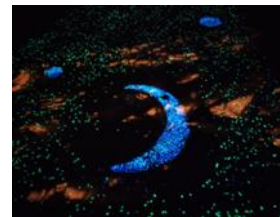
ABADECOM  
I+D+i

# BUSINESS LINES



# ABADECOM CIRCULAR ECONOMY

**Abadecom Circular Economy** It is in charge of the manufacture, commercialization and export of 100% respectful products with the environment, such as: photoluminescent and recycled plastics; in the variants of roads, signage and urban furniture, promoting the use of waste; offering them a second useful life, to convert them into new products and thus reducing the impact of the carbon footprint.



**Photoluminescent  
Products**

**Road / Signage  
Products**



**Urban Furnishing  
Products**

# LITOLUX PHOTOLUMINESCENTS PRODUCTS

## LITOLUX ADVANTAGES

### HIGH LUMINANCE

We quintupled the maximum values of UNE 23035-1:2003

Operating temperature range:  $-15^{\circ}\text{C}$  /  $50^{\circ}\text{C}$

Luminance 10 min  $>1,350$  mcd/m<sup>2</sup>

Luminance 60 min  $>190$  mcd/m<sup>2</sup>

26,600 min attenuation time UNE 23035-1:2003

(\*) Logarithmic extrapolation according to UNE 23035 until obtaining the time in which the luminance is 0.3 mcd/m<sup>2</sup>.

### RESISTANCE Y DURABILITY

Unalterable by water and chemical attacks

Suitable for exteriors (long-term UV resistance)

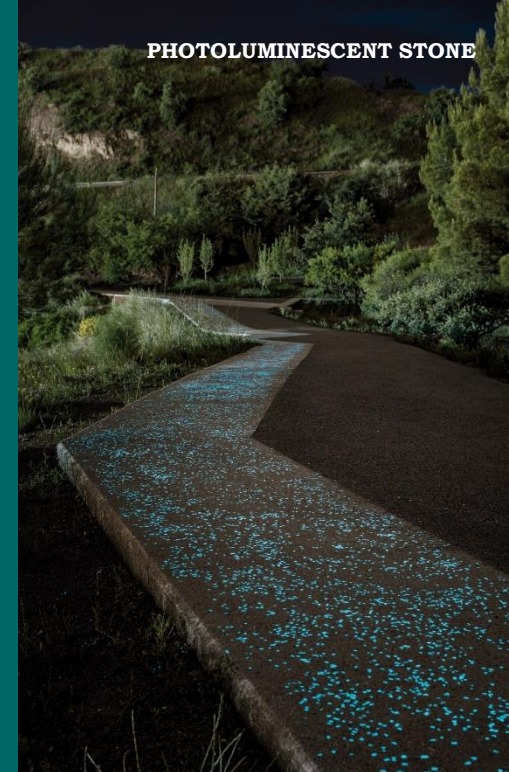
Service life of 10 - 25 years



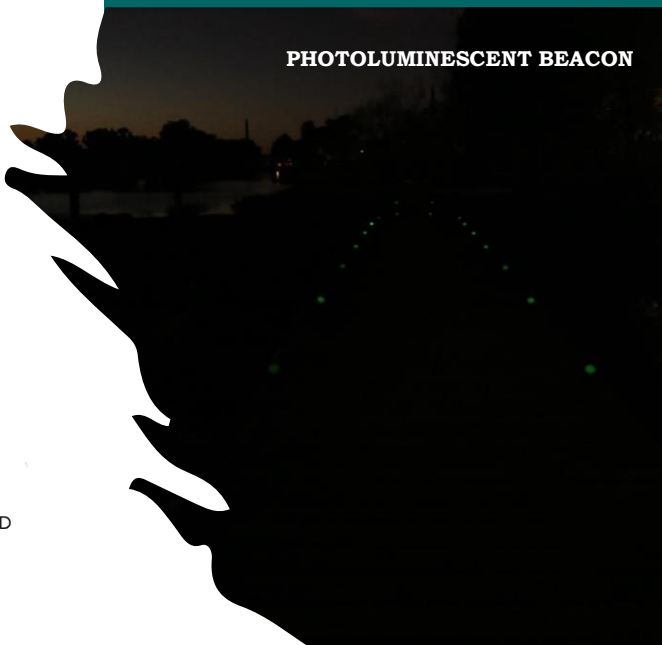
PHOTOLUMINESCENT  
ENCAPSULATED TILES



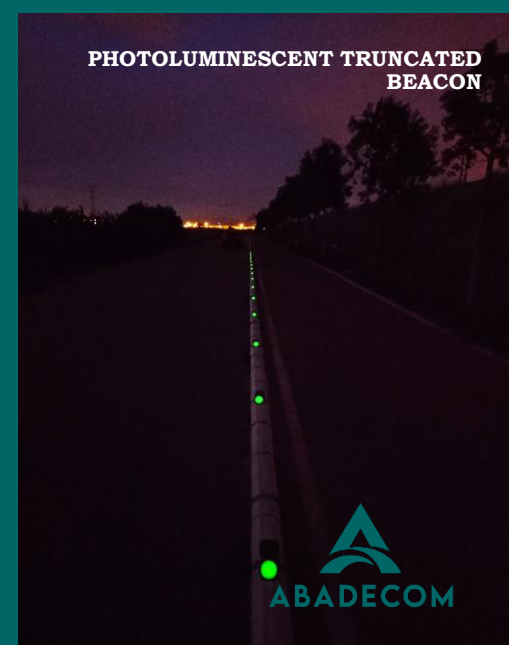
PHOTOLUMINESCENT STONE



PHOTOLUMINESCENT BEACON



PHOTOLUMINESCENT TRUNCATED  
BEACON





**PRODUCTS OF  
RECYCLED PLASTIC**

**VIALS**

**BOLLARD/BOLLARD**

**PARKING BUMPER**

**BIKE LANE SEPARATOR**

**MODULAR ROUNDABOUTS**





# RECYCLED PLASTIC PRODUCTS

URBANO FURNITURE  
IMITATION WOOD

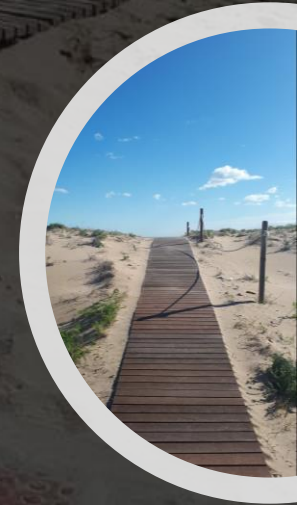


## PRODUCTS

## PURPOSE

Banks  
tables  
Chairs  
Litter bins  
planters  
fenced  
poles  
bollards  
fenced off  
pergolas  
beacons  
Beach and urban walkways

Beaches Showers, access roads)  
Trails and greenways  
Bar terraces  
Public and private gardens  
recreational spaces  
parks  
viewpoints  
urban layouts  
highway rest area  
camping places  
tourist routes





## RECYCLED PLASTIC PRODUCTS

(Bottle stoppers and fishing nets)

### URBAN FURNITURE

#### MOSAIPLAST MODEL

PAPERS

POTS

GARDENERS

BANKS

SIDEWALKS

#### COLORS

MIXED

BLUE

GREEN

ORANGE

RED

PURPLE

YELLOW



Made in Spain



MANUFACTURED  
IN VALENCIA  
COMMUNITY



  
ABADECOM

# ABADECOM MACHINERY

**Abadecom Machinery** has a team of specialists in international trade, through which it offers a specialized service for the purchase and sale of industrial machinery to SMEs linked to the circular economy, such as: Tire shredding plant (with its different stages: pre-processing, rubber separation, wire and textile fiber), plastic shredders, CNC machines, among others. Thus minimizing the environmental impact derived from the production and consumption of new virgin raw materials, providing solutions to the high levels of contamination of our seas, rivers and landfills.



**Tire/plastic shredding  
plants ...**

**Horizontal and  
Portable Lathes**



**Numerical Control  
Machines (CNC)**

# Machinery

- Renewable Energy Industry.
- Plastics Industry.
- Rubber Industry.
- Wood Industry.
- Food industry.
- Metallurgical Industry.
- Among others...







# ABADECOM I+D+i

**Abadecom Innovation and Development** involved in the sustainable development objectives and goals of the UN 2030 Plan, in addition to education and acquisition of environmental culture and within our socially responsible corporate business plan, carries out two new and innovative R + D + i projects of Modular Construction and atmospheric water collector "Aquanostra"; able to remain isolated from hydraulic, electrical and sanitary networks. Using largely 100% recycled and recyclable materials, as well as renewable energy.



**Project:**  
**Housing System**  
**Sustainable Modular**



**Project:**  
**Water Collector**  
**Atmospheric "Aquanostra"**



## SUSTAINABLE MODULAR HOUSING SYSTEM

Ecological modular construction project with ideal flexibility to adapt to any climate, using mostly recycled and recyclable materials; Following this proposal, it creates a self-sustaining Modular System with low environmental impact, capable of remaining isolated from electrical, hydraulic or sanitary networks.

Committed to our society and the circular economy, the sustainable development goals and objectives of the UN 2030 Plan, in addition to education and acquisition of environmental culture and within our socially responsible corporate business project: the manufacture of our Modular System is proposed to a large extent 100% recycled and recyclable materials, as well as renewable energies. Being these exterior materials prepared for the incidence of ultraviolet rays and inclement weather: heat, cold, humidity, rain, etc.



The biggest advantage of this project is its ease of being installed in any climate and its ability to be self-sustaining, completely independent even in places with low annual rainfall.

Its prefabricated structure provides a quick solution to the assembly in situ, speeding up the construction time and reducing the impact that it may cause to the adjacent ecosystem.

## ATMOSPHERIC WATER COLLECTOR "AQUANOSTRA"

Aquanostra is born from the imperative need to harvest our largest and most precious liquid; water, achieving clean and pure water ready to drink, with the sole purpose of supplying the great growth of the world population, which according to estimates of the United Nations (UN), at the end of the twenty-first century, we could reach the figure of 10 billion inhabitants; as well as providing sustainable and ecological solutions to the great scarcity that exists in several areas of our planet.

The greatest contribution and innovation of Aquanostra is: Capture clean water passively from humid air in extreme conditions, without the need to use large volume and energy-intensive equipment, using nanotechnology and dynamic processes of absorption - desorption, we can collect water from the atmosphere at low relative humidity levels, between 7 - 15% and with temperatures between 25 - 40 °C.





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