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# ECOSERDIANA



**THE COMPANY GROUP**

# ECOSERDIANA: the solution to environmental problems

**ECOSERDIANA** has been operating for thirty years in the field of environmental services and engineering. In 2004 it obtained the **CERTIFICATE OF EXCELLENCE** in compliance with the "Quality, Environment, and Safety" management system: UNI EN ISO 9001:2008 (Quality management systems), UNI EN ISO 14001:2004 (Environmental management system), and OHSAS 18001: 2007 (Occupational Health and Safety Management).

It specifically operates in the following sectors:

- Design, construction, and management of **waste disposal and treatment plants**, including energy recovery;
- Exploitation of **landfill biogas** to produce electricity and heat;
- Decontamination of polluted areas through **mobile plants** and solutions aimed at specific environmental problems;
- Decontamination of contaminated sites **containing asbestos**;
- Collection, transport, and disposal of **hazardous and non-hazardous special waste**;

UNI EN ISO **9001:2015**  
UNI EN ISO **14001:2015**  
BS OHSAS **18001:2007**



SISTEMI DI GESTIONE  
CERTIFICATI

The ECOSERDIANA logo, featuring a blue bird-like graphic above the word "ECOSERDIANA" in large, bold, green capital letters with a white outline.

**ECOSERDIANA**

# Management of Waste Disposal Plant

**ECOSERDIANA** has so far designed, built, and managed controlled landfill facilities for hazardous and non-hazardous waste, as well as for biogas recovery.



Furthermore, new techniques have been researched and implemented to minimize and control the polluting power of leachate, olfactory issues, and the danger of biogas emission.



ECOSERDIANA has (in the area where landfill plants and **cogeneration plants** are located) three air quality monitoring units that continuously measure (24 a day) hydrogen sulphide, oxides of nitrogen, ozone, volatile, methane and non-methane hydrocarbons, and carbon monoxide.

**ECOSERDIANA**

# Our services: Transport

**ECOSERDIANA** carries out the collection, transportation, and disposal services of urban waste for third-party. It collects non-hazardous and hazardous special waste; it cleans out black wells; it hires container and different types of roll-off compactors. It also has a vast self-parking car with many authorized vehicles.



With regard to waste transport, **ECOSERDIANA S.p.A.** is registered in the **National Register of Environmental Professionals** according to the D.M. 406/1998.

**ECOSERDIANA**

# Our services: Decontamination

## Contaminated sites

Thanks to our staff and vehicles we are able to reclaim contaminated sites.

**ECOSERDIANA S.p.A.**, thanks to the authorizations, certifications and plants, is able to manage decontaminations from the design to the collection and management of pollutants.



**ECOSERDIANA S.p.A.** is also authorized and certified for the decontamination of asbestos-contaminated sites.

In this sector the company has developed a considerable experience through a team of trained professionals, working with mobile decontamination units, ensuring maximum effectiveness in protecting the environment and in the safety of people and things.

**ECOSERDIANA**

# Our services: **Mobile plants**

**ECOSERDIANA S.p.A.** has numerous mobile plants used for the treatment, stabilization, and inertisation of various materials, thus favouring the decontamination and disposal operation. This allows us to respond to the most complex environmental problems.



Sieving **plant**

**Mixing** plant

**Sediment washing** plant

Soil **washing** plant

**Water** treatment plant process

**ECOSERDIANA**



**Nuova Cem. Ar. Granulati S.r.l.**, which is part of the business group **ECOSERDIANA S.p.A.**, has been operating for over thirty years in the production and sale of concrete and bituminous conglomerates.

The operational headquarters is a reference point for civil and industrial buildings.

Its continuous technological development has contributed to the production of materials which, complying with the EN 12620, EN 13043, EN 13139, and EN b 13242 standards, can now cover the needs of all the building sectors.





## Our product

### CE Marking

Fine Sand – Medium Sand – Coarse Sand  
– Very Coarse Sand - Stone chippings

### Non-CE Marking

Recoverable sand – All-in aggregate



# THE PLANT

**CEMAR** is equipped with a large sieving plant capable of crushing, separating, and storing the different products by size, making the load operation faster.



ECOSERDIANA S.p.A. nurtures an important project aimed at discovering a multiplicity of environmental products and services, based on faunal species experimentation in the laboratory.

The purpose of the company is to promote **sustainable development** through the identification of the best methods to carry out environmental restorations as a result of decontamination landfill activities.



## Goals

- ▶ The project is about the following activities:
- ▶ In vitro micropropagation;
- ▶ Design and implementation of the Environmental Restoration intervention in sites subjects to Environmental Decontamination;
- ▶ Design and construction of vegetation covers on exposed rocks that have been damaged by quarrying activities;
- ▶ Production and supply of Dedicated Substrates specifically formulated for Environmental Restoration interventions.



# GEOGRAPHIC CONTEXT



**The Chilivani Industrial Consortium** is located in the central-northern of Sardinia, closed to many municipalities including Ozieri, Ardara, and Mores, in a vast plain surrounded by viable infrastructures among the most important of Sardinia. A few kilometres from the structure there are the main Sardinian roads and railway arteries that connect the area to the opposite pole of the island.

# THE INDUSTRIAL COMPLEX OF CHILIVANI



CONSORZIO ZONA INDUSTRIALE  
DI INTERESSE REGIONALE  
DI CHILIVANI

The industrial complex is located inside the **Chilivani Industrial Consortium**, a few kilometres from the main extra-urban roads that connect the area to the rest of Sardinia, as well as to its most important ports and airports.

The **Ecoserdiana S.p.A.** group company is located in the central-northern of the Chilivani Industrial Consortium, in one of the largest areas.

# BUSINESS COMPLEX



The complex is located in an area of about **297,860 m<sup>2</sup>**. There is a built-up area of 42,000 m<sup>2</sup>.

The large building area, which is approximately 250,000 m<sup>2</sup>, allows the structural surface of the building to be further expanded.

The huge complex is also equipped with a **dedicated railway track** that connects the facility to the nearby Chilivani railway station, which connects the opposite poles of Sardinia.

# THE COMPANY STRUCTURE



The existing structure covers an area of about 9,000 m<sup>2</sup>. Approximately 250,000 m<sup>2</sup> are still available.

Thanks to the available space the buildings can be used according to the needs and marketing opportunities.

# THE COMPANY

**ZINCOSARDA** is a company that operates throughout the region and it is specialized in **hot-dip galvanizing** of metal surfaces. It establishes itself as a leader in all the services and treatments.



The plant boasts a well-established and recognised activity throughout the region.

# CERTIFICATIONS

ZINCOSARDA s.r.l. has the **UNI EN ISO 9001:2015** certification and the Environmental certification **EMAS** (Eco-Management and Audit Scheme), in accordance with the European Regulation CE 1221-2009.



Thanks to the above certifications, the business improvement goals are always pursued and monitored for the performance of **Quality** and **Environmental Sustainability**.



# OUR SERVICES



**ZINCOSARDA** is specialised in workshop services, **packaging, collection, shipping, and delivery** of products throughout Sardinia. It designs the better condition for products and treatments.

It also stands out in the market for electrolytic and sandblasting treatments according to the SA 2 ½ standards, as well as for painting, chrome-plating, and testing of protective coating.

The **advantage** is also the **galvanizing** process that, according to the EN 1461, EN 1090 standards, together with the **Passivation** process, guarantees the gloss over time of the treated items.



# Chilivani Ambiente S.p.A.



- Chilivani Ambiente S.p.A. collects, transports, and disposes of urban and similar waste. It has been managing the controlled landfill plant for non-hazardous waste in "Coldianu" - Ozieri (SS) since 1999.
- The Chilivani Ambiente has implemented an Integrated Management System (Quality - Safety - Environment) and has the following certifications:
  - • UNI EN ISO 9001:2008 (Quality management systems)
  - • UNI EN ISO 14001:2004 (Environmental management system)
  - • BS OHSAS 18001:2007 (Occupational Health and Safety Management)
  - • EMAS (Eco-Management and Audit Scheme).



# Chilivani Ambiente S.p.A.

The **Chilivani** offices carry out the service of collection and disposal of non-urban and urban waste in the municipalities of **Logudoro**, in the central-northern of Sardinia.





# Chilivani Ambiente S.p.A.

The company aims to a sustainable development thanks to the recovery of the **biogas** produced from the decomposition of organic waste and that powers the clean energy generation plant.

The clean energy is then put back into the GSE electricity circuit.





# Chilivani Ambiente S.p.A.

## OUR VEHICLES

Thanks to the variety of vehicles available, **Chilivani Ambiente** is able to guarantee different environmental services, welcoming every kind of need.



**Nuoro Ambiente S.p.A. (a winding up company)** is a mixed public-private ownership company (Municipality of Nuoro 51%, Ecoserdiana S.p.A. 49%), which manages the sanitation, recycling, and waste transportation services in Nuoro.

Over 60 employees work in Nuoro, taking care of the manual and mechanical sweeping of streets and squares, the collection of waste through wheeled bins or door-to-door trash pickup service.





**Nuoro Ambiente S.p.A.** guarantees the urban waste collection service thanks to specialized vehicles and people.

The different size trash compactors as well as the waste storage site located not far from Nuoro, guarantee high standards of service.





**Nuoro Ambiente S.p.A.** carries out its services in full compliance with the standards established by the **Integrated Management System** legislation, UNI EN ISO.

Thanks to the respect of the parameters defined by the **Quality** and Safety certification in the workplace and **Environment**,

**Nuoro Ambiente S.p.A.** has also obtained the Certificate of Excellence issued by Certiquality.