



EXPERTISE IN INTEGRATED SERVICES

regarding environment, safety
and quality of life

Focus

Environment *Waste* *Safety* *Prefabricated elements* *Mortars and Aggregates*

INTEGRATED
ENVIRONMENTAL
SERVICES



INTRODUCTION

Gesteco Spa, as a company of Gruppo Luci, is now in a significant position as regards research and practical actions in the field of environment, due to more than **30 years of activities**.

The company consists of **three departments: Environment, Aggregates and Preconditioned prefabricated elements**. They share common design principles and methodologies, as well as Gruppo Luci basic values, i.e. seriousness, competence, reliability and interest for innovation as far as techniques and materials are concerned.



GESTECO SERVICES

- ENVIRONMENT
- WASTE MANAGEMENT
- SAFETY
- PREFABRICATED ELEMENTS
- AGGREGATES AND MORTARS

ENVIRONMENT

RECLAMATION WORKS



SITE IN NUMERIA – SAN FIOR (TV) - BEGINNING OF WORKS

Gesteco plans and actuates programs of reclamation works for polluted sites, on large areas, where disposal of asbestos is required. Works take place in compliance with norms and regulations regarding people safety, as well as the safeguard of environment.



PARCO COMMERCIALE FIORE - SAN FIOR (TV) – END OF WORKS

Preliminary investigation, demolition, reclamation and supply of prefabricated structures.

In the field of contaminated sites reclamation works, Gesteco is in a position to follow up the complete procedure subject to numerous norms enforced in this regard:

- **programs of areas environmental characterization** through direct chemical, physical and geological investigations (laboratory and on site analyses, use of the best available technologies, eco-toxicological characterization and bio-monitoring);
- **Planning of actions having as a purpose to reclaim a site and have it comply with safety regulations**, also through the application of Risk Analysis Procedures and Environmental Models, as well as through simulations in laboratory and tests carried out on site.



Gesteco supplies **environmental preliminary investigations** in order to check on the possible presence of polluting substances, and their concentration, in environmental matrixes of contaminated sites. Analysis and investigation activities conclude with the **editing of the characterization program** for the preliminary project, and that of the final **reclamation project**.

ENVIRONMENT

DEMOLITION



Gesteeco ensures the demolition of civil and industrial buildings, with the help of more and more precise controlled techniques having a low environmental impact, and means having the adequate capacity, equipped with specific devices.

In order to keep environmental impacts to a minimum, dusts dispersion in the air is limited **using dusts abatement equipment**. On the other hand, our trained technicians monitor noises constantly. Gesteeco is in an avant-garde position as regards **controlled demolition works**.

More specifically, the company ensures DEMOLITIONS of:

- civil and industrial buildings
- road sections and works
- underground platforms and foundations
- stacks, silos, reservoirs and piezometric towers
- metal structures
- special elements
- anything requiring the use of explosives.



ENVIRONMENT

CONSULTING



Gesteco offers consulting services concerning obligations deriving from Decree Law 152/06, in order to define adequate authorizations required from a technical, administrative and normative point of view. Our professional team ensures support to implement systems for the management of environment and energy, besides studying impacts due to industrial processes.

ENVIRONMENTAL DUE DILIGENCE

Grazie alla pluriennale esperienza nel settore e all'efficienza dei nostri laboratori di analisi Following many years of experience in this field and due to the efficiency of our analyses laboratories, the Environmental Department has specialized in a complete **Environmental Due Diligence**.

This **EDD** consists in an investigation process supporting operations such as procurement, concessions for the use of industrial areas or companies incorporations. This means **analyzing and checking the salubrity of a given site in its environmental context**, paying a particular attention to possible negative environmental aspects. The main purpose of the **Environmental Due Diligence** is to examine the history of activities carried out on a site and ensure an accurate collection and analysis of data, in order to check if there are **risk conditions or critical aspects due to present or past environmental impacts** in this given site.

Gesteco actions follow a **protocol** consisting of various interconnected steps:

- environmental audit on site, until all the necessary data have been collected
- analysis of environmental aspects to be considered - climatic, geological and hydrogeological
- collection of authorization documents and control of compliance
- general analysis of compliance with environmental standards
- determination of environmental critical aspects
- final report to the client, also evaluating costs due to possible critical aspects.

ENVIRONMENT

ENVIRONMENTAL INVESTIGATION



Investigations in work environments allow verifying their salubrity. The activity usually requires two steps: collecting and sampling on the one hand, analysis on the other hand.

Gesteco carries out preliminary environmental investigations, ending with the editing of a characterization program for the preliminary project, and that of the final reclamation project.

More specifically, Gesteco technicians perform activities to:

- survey emissions to atmosphere, and analyze air quality
- evaluate acoustic impact.

ENVIRONMENT

ANALYSIS LABORATORY

The laboratory is entrusted with **analyses, consulting, studies and applied research, particularly as regards environmental problems.**

- **Certifications** - these laboratories have the following qualifications:
 1. Registration with the Ministry of Education, University and Research (National Research Registry Registration Code n. 53792ZKE);
 2. Certification ACCREDIA n. 0583.
- **Analytical Research** - the laboratories can perform analytical research based on various parameters, mainly offering performances in the following fields:
 1. acqprimary waters, sources, wells, water tables, aqueducts and process waters
 2. rivers and lakes surface waters
 3. wastewaters coming from civil and industrial plants
 4. waters for human consumption
 5. solid waste coming from industrial processes
 6. solid waste deriving from civil and industrial cleaning processes
 7. liquid waste
 8. excavation soil and rocks to be recycled
 9. reclamation soil
 10. sampling and analysis of emissions to atmosphere (conveying stacks in premises where industrial and handicraft activities are performed, e.g. paint spraying equipment, MDF panels production, furnaces for the processing of tiles, thermal plants). The purpose is to characterize the pollutants that are present and get authorizations from competent authorities, while verifying legal compliance, as foreseen by norms in force.

WASTE MANAGEMENT



Gesteco handles the recovery, treatment and disposal of dangerous and non-dangerous waste, in authorized sites belonging to the company. The company may also offer solutions to set equipment directly on waste production sites, and operates all over the national territory using authorized movable equipment.

Gesteco has the followings equipment for waste recovery, treatment and disposal:

- **Landfill for non-dangerous waste** - located in the Municipality of Cividale del Friuli (Ud), Località Mus
- **Landfill for aggregates** - located in the Municipality of Remanzacco (Ud), Località Cerneglons
- **Aggregates recovery plant** - located in the Municipality of Pradamano (Ud), via Laipacco n. 4
- **Treatment / recovery plant** - located in the Municipality of Monfalcone (Go), Località Lisert
- **Storage plant for dangerous and non-dangerous waste** - located in the Municipality of San Michele al Tagliamento (VE), via Molinovo n. 4
- **Treatment and disposal plant for non-dangerous liquid waste** - located in the Municipality of Gorizia (Go), via del San Michele n. 351

MOVABLE EQUIPMENT

Gesteco carries out treatment campaigns **on site**. For such treatment campaigns, the company uses **authorized movable equipment** to work all over the national territory. The treatment aims at sending waste:

- to recovery plants;
- to adequate disposal plants.

WASTE TRANSPORT

As regards transports, the company has the following registration categories on the list of **National**

Environmental Management Organizations:

- **CATEGORY 1 - CLASS E** - Collection and transport of dangerous and non-dangerous municipal waste
- **CATEGORY 4 - CLASS A** - Collection and transport of non-dangerous special waste
- **CATEGORY 5 - CLASS D** - Collection and transport of dangerous special waste

SAFETY



Safety insurance and promotion are matters Gesteco wants to deal with. Starting from the prevention of accidents in work places in order to ensure the widest possible promotion of given concepts, regarding safety through training and information programs involving workers and all the various people concerned.



Through the combination of various tools, whether **training courses or techniques for an innovative communication**, whether a definition of good practices or a continuous exchange of ideas, safety thus becomes a priority for any company and its management, not only to safeguard and protect workers, but also to contribute to society comfort.

Gesteco deals with:

- risks evaluation in work environments
- study, design and assistance in the implementation of documents regarding workers' safety and health
- consulting to companies and support to Prevention and Protection Service Managers and employers
- technical support to the Department entrusted with Prevention and Protection
- implementation of Systems for the Management of Health and Safety on work sites (UNI ISO 45001:2018)
- training on environment, quality, health and safety in work places

PREFABRICATED ELEMENTS



This department offers services as a partner that is in a position to ensure complete solutions, technically competitive, both as regards small buildings and multiple floor buildings, starting from design up to the completion of the project.

In its own field, the prefabricated elements department has the ability to offer *turnkey solutions*.

Gesteco offers a complete service, from the design of new spaces to their construction. The technical staff and the operational team are dynamic and qualified personnel, always able to guarantee quality of materials and solutions complying with safety standards.

All the raw materials and components used in the production process are tested and certified in compliance with EC norms. Our buildings can house the most various types of activities: handicraft, industry, commercial activities, and management activities.

When designing a new space, we try to interpret any single need of the client in order to offer tailor-made solutions.



AGGREGATES AND MORTARS



Gesteco is involved in the **extraction, processing and sale of aggregates for building construction works** and ensures an accurate selection, washing and grinding process of aggregates coming from caves, excavation works and reclamations works in waterways.

Services:

- Selection, washing and grinding of aggregates
- Reclamation works in waterways
- Research and development of innovative products for building works and bricolage, free from chemical additives

The company has a complete range of materials (EC certification), which it completed subsequently with the production of mortars packed in *ùniko* sacks.

PRECONDITIONED ùNIKO

ùniko includes a complete range of mortars for building works and *do-it-yourself* high quality products.

ùniko bags can meet all the demands of professional or "do-it-yourself" requirements: in fact, ùniko includes classical mortars, but also innovative bio products, more and more required by those who pay attention to environmental aspects and health problems.

A complete range of aggregates and many "do-it-yourself" products.

- ùniko
- Mortars
- Aggregates
- Brico
- Bio

For more information and technical sheets regarding the products, go to www.lineauniko.it



CERTIFICATION

Gesteco obtained quality certification as of standard **UNI EN 9001:2015** and laboratory qualification as of standard **UNI CEI EN ISO/IEC 17025**.

In 2010, the company also reached an important achievement: the environmental certification as of requisites of standard **UNI EN ISO 14001:2015**.

Here is the detailed list of present certifications and attestations:

Qualifications	ACCREDIA - UNI CEI ISO/IEC 17025 Certificate n. 0583
Certifications	UNI EN ISO 9001:2015 UNI EN ISO 14001:2015 UNI ISO 45001:2018
Product certifications	UNI EN998 - 1 UNI EN998 - 2
Material certifications	UNI EN 12620 UNI EN 13043 UNI EN 13242
SOA attestation	Cat. OG1 Class VI Cat. OG3 Class V Cat. OG6 Class II Cat. OG12 Class VI Cat. OS6 Class I Cat. OS13 Class IV - bis Cat. OS23 Class IV - bis

REGISTRATIONS

Gesteco environmental department is in a position to manage all the various steps in waste treatment/recovery.

In fact, the company is registered in the NATIONAL LIST OF COMPANIES DEALING WITH WASTE MANAGEMENT for the following CATEGORIES and CLASSES:

CATEGORY 1 - CLASS E	Collection and transport of municipal waste
CATEGORY 4 - CLASS A	Collection and transport of non-dangerous special waste
CATEGORY 5 - CLASS D	Collection and transport of dangerous special waste
CATEGORY 8 - CLASS C	Brokerage and trade of non-dangerous and/or dangerous waste without detention
CATEGORY 9 - CLASS B	Sites reclamation works
CATEGORY 10B - CLASS D	Reclamation activities for goods containing asbestos.

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