



ANALISI
AMBIENTALE



Grande Albergo
EXCELSIOR VITTORIA s.p.a.
SORRENTO

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1 . INTRODUCTORY CONSIDERATIONS

The Hotel Excelsior Vittoria, aware that environmental protection is a value intrinsic to the structure of Civil Society, intends to define its current position in relation to the environment by conducting, through this document, an ENVIRONMENTAL ANALYSIS (E.A.).

This document represents only the first step in the path towards environmental excellence, as summarized in the table below, and aims to ensure that our organization:

- A. Develops a specific Environmental Program which, based on the principles of the Policy and in full compliance with all relevant environmental legislation, guarantees a continuous and consistent commitment to improving the environmental efficiency of its activities;
- B. Promotes the adequacy and constant updating of the Environmental Management System;

SUMMARY TABLE

ENVIRONMENTAL POLICY

Define the company's objectives and general principles of action regarding the environment;

ENVIRONMENTAL ANALYSIS

Carry out a thorough analysis of the environmental impacts and performance related to the organization's activities;

Identify the critical points on which to initiate continuous and reasonable improvements in environmental efficiency;

ENVIRONMENTAL PROGRAM

Describe the objectives and specific activities, as well as the measures (responsibilities and resources) adopted or planned to achieve those objectives;

ENVIRONMENTAL MANAGEMENT SYSTEM

Develop an action program aimed at improvement.

Establish an organizational structure capable of implementing what is set out in the Environmental Policy and Environmental Program.

Define appropriate procedures.

Establish the necessary information and training activities.

AUDIT

Maintain the established system under control and ensure its regular, systematic, and objective review through the tool of the Environmental Audit;

The **Initial Environmental Analysis** can be defined as a systematic and detailed diagnosis that examines the relationships between the organization's daily operational activities and the surrounding environmental and territorial context. This is carried out in light of the general constraints to which the company is subject and within the broader legislative, socio-economic, and market framework.

It therefore consists of drafting a comprehensive assessment of potential environmental issues, impacts, and "environmental performance" related to the daily activities of Hotel Excelsior Vittoria.

At the conclusion of the Environmental Analysis, the company has:

1. Identified the critical issues of the surrounding territory;
2. Identified and assessed the environmental impact factors for which it is responsible;
3. Evaluated the efficiency of ongoing processes;
4. Identified the legislative or regulatory requirements to be complied with;
5. Established the Register of Environmental Aspects;
6. Identified and directly corrected, through self-monitoring, any deficiencies related to regulatory compliance, including administrative and formal obligations;
7. Determined the needs and priorities for interventions aimed at adaptation and improvement;
8. Identified the status of the organization and potential improvements in its organizational structure;
9. Assessed the levels of specific environmental training required for its personnel.

In addition, the Environmental Analysis can serve as a support tool for management, enabling the estimation of costs incurred by the Organization for environmental protection, and identifying the interconnections between business activities, technologies, raw materials, and products in relation to the environment.

Furthermore, this work will allow comparative analyses with organizations in the same sector and ensure a precise assessment of "environmental liabilities," thus enabling an accurate economic evaluation to be used as:

- a reference index for planning the improvement of performance and related indicators.

TERMINOLOGY

Most of the terms used in this document are drawn directly from UNI EN ISO 14001; for terms not included in that standard, definitions from environmental doctrine have been applied.

Environment

The context in which the organization operates, including air, water, land, natural resources, flora, fauna, human beings, and their interrelationships.

Environmental Aspect

An element of an organization's activity, product, or service that can interact with the environment; a significant environmental aspect is one that has or may have a significant environmental impact.

Initial Environmental Analysis

A comprehensive analysis of environmental problems, efficiency, and impacts related to the organization's activities, conducted in accordance with Annex VII of EC Regulation No. 761/2001.

Industrial Activity

Any activity listed in sections C and D of the European Community economic activity classification (NACE Rev. 1), as established by EC Regulation No. 3037/90, as well as the production of electricity, gas, steam, and hot water, and the recycling, treatment, distribution, or disposal of solid or liquid waste.

Environmental Audit

A management tool comprising a systematic, documented, periodic, and objective evaluation of the organization's performance, management system, and processes intended to protect the environment, in order to facilitate control and assess compliance with the environmental policy, objectives, and targets.

Environmental Management System:

The part of the overall management system that includes the organizational structure, planning activities, responsibilities, practices, procedures, processes, and resources for developing, implementing, reviewing, and maintaining the environmental policy.

Auditor

An individual or group, belonging to the organization's staff or external to it, operating on behalf of the organization's management. The auditor must possess, individually or collectively, the competencies referred to in Annex II, point 2.4 of the EMAS Regulation, and be sufficiently independent from the activity being audited to provide an objective judgment.

Audit Cycle

The period during which all activities of a given organization are subject to audit.

Environmental Component

A natural element (environmental or territorial resource) and/or anthropogenic element affected by the site's activities.

Regulatory Compliance

The application, by the company, of all relevant environmental laws and regulations.

Efficiency

The ability of the company to manage different environmental issues, taking into account their relative importance.

Environmental Impact Factor

One of the material factors (products, residues, etc.) or immaterial factors (energy, physical agents such as noise, vibrations, or others) that, due to their quantity and quality, may cause effects on the environment.

Environmental Indicator

A quantitative parameter capable of representing an environmental impact factor.

Enterprise

An organization exercising overall management control over the activities carried out at a specific site.

Environmental Impact

Any change to the environment, whether positive or negative, resulting wholly or partially from the activities, products, or services of an organization.

Regulatory Compliance

Application by the company of the provisions set forth in relevant environmental laws and regulations.

Enterprise

An organization exercising overall management control over the activities carried out at a specific site.

Environmental Impact

Any change to the environment, whether positive or negative, resulting wholly or partially from an organization's activities, products, or services.

Continuous Improvement of Environmental Performance

A process of year-by-year improvement of the measurable results of the environmental management system, relating to the management of an organization's significant environmental aspects in line with its policy, objectives, and environmental targets. This improvement in performance does not necessarily have to occur simultaneously across all areas of activity.

Best Available Technologies (BAT)

A technological system, adequately tested and verified, that allows environmental impacts to be contained and/or reduced to levels acceptable for the protection of health and the environment, at sustainable costs.

Environmental Objective

The overall environmental goal, arising from the environmental policy, which an organization decides to pursue and which is quantified where possible.

Organization

A company, business, enterprise, authority, or institution—or part or combination thereof—with or without legal personality, public or private, that has its own administration and functions.

Interested Party

An individual or group, including authorities, involved in or affected by an organization's environmental performance.

Environmental Policy

The objectives and general principles of action of an organization with respect to the environment, including compliance with all relevant environmental regulatory requirements and the commitment to continuous improvement of environmental performance; this environmental policy provides the framework for setting and reviewing environmental objectives and targets.

Environmental Performance

Measurable results of the environmental management system, deriving from the organization's control of its environmental aspects, based on its policy, objectives, and targets.

Pollution Prevention

The use of processes, practices, materials, or products to avoid, reduce, or control pollution, including recycling, treatment, process changes, control systems, efficient use of resources, and material substitution.

Environmental Program

A description of the company's objectives and specific activities concerning improved environmental protection of a given site, including the measures adopted or planned to achieve these objectives and, where applicable, the deadlines set for their implementation.

Relevance

The intrinsic characteristic of an environmental impact factor of a site, describing the potential risk (hazard) of causing negative consequences on environmental components, or indirectly on the site's productive activities, regardless of the territory's specific vulnerability and sensitivity.

Sensitivity

The intrinsic characteristic of the natural environment (objective), which may suffer greater damage given the same level of impact relevance (vulnerability), and of the socio-economic environment (subjective), which may involve greater risk of negative consequences on productive activities (risk perception and social sensitivity).

Environmental Management System (EMS)

Part of the overall management system that includes the organizational structure, planning activities, responsibilities, practices, procedures, processes, and resources needed to develop, implement, review, and maintain the environmental policy.

Site

All land in a specific geographic area under the managerial control of an organization, covering activities, products, and services; it includes all infrastructure, plants, and materials.

Clean Technologies

A clean technology is a method of source reduction or recycling designed to eliminate or significantly reduce environmental impacts.

Environmental Verifier

Any person or organization independent of the entity being verified, accredited under the conditions and procedures of the EMAS Regulation or ISO 14001.

3. DESCRIPTION OF THE APPLIED METHODOLOGY

The project is developed starting from a general description of the structure, continuing with an analysis of the relationships between activities and the environment, assessing the significance of environmental impact factors in relation to the territory's vulnerability.

The methodology adopted included:

- Defining the processes and activities carried out by the Organization;
- Identifying environmental aspects and their interaction with the environment;
- Characterizing each aspect through compliance verification;
- evaluate the significance of each environmental aspect based on qualitative and quantitative considerations, using environmental and regulatory–economic criteria;
- provide comprehensive information to establish and compile a register of environmental aspects;
- assign the proper value to the results achieved, thereby laying solid foundations for the EMS, developed in integration with the Quality Management System.

4 . GENERAL SITE DATA

Initially, we identified, collected, and organized the information required to characterize the activity, in relation to its interaction with the environment and the surrounding territory.

The description of the area pertaining to the organization was carried out following the definition of an appropriate reference scale, established on the basis of:

- type of activity;
- size of the organization;
- location area (industrial, residential, or other);
- significance of solid, liquid, gaseous emissions and other environmental aspects.

The **Excelsior Vittoria** is a historic hotel consisting of three different buildings constructed between 1834 and 1880. Thanks to its unique location, the Hotel offers a wide variety of rooms, each with its own distinctive character. Almost all rooms feature a terrace or balcony overlooking either the Gulf of Naples or the orange grove surrounding the property.

Affiliated with the prestigious international group *Leading Hotels of the World*, the Excelsior Vittoria is truly unique, standing on the very site where, according to tradition, the Roman Emperor Augustus had his magnificent villa, with breathtaking views of Mount Vesuvius and Naples. Its panoramic terraces—where kings and queens, artists and celebrities such as Wagner, Enrico Caruso, Jack Lemmon, Marilyn Monroe, Sophia Loren, and many others once rested—are renowned for their enchanting vistas.

For over 190 years, since 1834, this corner of paradise has belonged to the Fiorentino family, who still manage it today.

All rooms are equipped with a bathroom, air conditioning, satellite TV, minibar, safe, and direct-dial telephone. They are divided into the following categories:

Suites: The suites of the Excelsior Vittoria represent the ultimate expression of luxury and comfort: *Margaret*, *Caruso*, *Aurora*, *Avanti*, *Royal*, *Pavarotti*, and *Dalla* are just some of the most renowned. Each suite has its own story, often linked to the many celebrities who stayed here, within the romantic setting of the Sorrento Peninsula. Some feature spacious terraces overlooking the sea, while others allow guests to enjoy the tranquility of the vast garden, filled with the fragrances of its trees and plants.

The **Grand Hotel Excelsior Vittoria** offers **three restaurants**:

Ristorante Vittoria: Elegant and refined, with frescoed ceilings and Art Deco furnishings, this restaurant exudes history. The incomparable flavors of simple, genuine Mediterranean ingredients, combined with the magical setting of the Sorrento coast, make Ristorante Vittoria one of the most beautiful and delicious destinations for true lovers of fine dining.

Ristorante Bosquet: Overlooking the Gulf of Naples, with its splendid Bosquet Terrace—the pride of the restaurant—guests can savor traditional Campanian dishes reinterpreted with originality by our chef, while enjoying the captivating views of Ischia, Procida, and the many sailing boats and yachts that pass through these waters.

Ristorante Orangerie: Nestled in the park, shaded by fruit trees and white sails suspended in mid-air, lies the Pool Restaurant, open from June to September. With its snack-bar area, it features expert Neapolitan chefs specializing in wood-fired pizza and pasta, local culinary icons representing Campania worldwide. Alongside these specialties, guests can also enjoy grilled meat and fish, fresh salads, homemade ice creams and desserts, all paired with a carefully selected wine list.

The hotel's dining experience is complemented by **three bars**:

Bar Vittoria: Open year-round and air-conditioned, it offers guests a refined selection of cocktails, both alcoholic and non-alcoholic, aperitifs, snacks, and appetizing finger foods. Guests can enjoy them during a quick break or a social gathering, either in the elegant lounges or on the panoramic Vittoria Terrace, accompanied by live music ranging from classical and Neapolitan to contemporary.

Pool Bar: Decorated in Siena earth tones and *écru*, echoing the colors of the adjoining pool, the Pool Bar serves beverages, light snacks, fresh fruit salads, pastries, and delicious ice creams with surprising flavors, crafted by the hotel's Master Pastry Chefs.

La Pergola Champagne Bar: Open before and after dinner, La Pergola is the bar closest to the city and the only one with independent street access. Its offering is distinguished by a focus on Champagne, Prosecco, and Franciacorta.

Other Services:

La Serra Holistic Center: Created by converting a former greenhouse located in the heart of the garden among olive and orange trees, La Serra was designed to offer hotel guests a place to reconnect with themselves and restore their energy through a holistic approach. In its simple yet elegantly refined spaces, La Serra offers a wide range of sophisticated rituals and treatments for face and body, in suites equipped with relaxation baths, showers, changing rooms, and private gardens to provide a profound sense of well-being and relaxation.

Gym: Located on the ground floor of the Rivale building, the Gym was designed to allow guests to maintain their fitness routine during their stay. The fitness center is fully equipped with the latest-generation Technogym machines.

Meeting Rooms:

Sala Vittoria (240 pax): The most important hall in terms of size and artistic value, featuring 19th-century ceilings with cherubs and walls alternating decorated ceramics with red marble. It is ideal for prestigious gala dinners and for hosting large, refined corporate events.

Sala Club (40 pax): With large windows overlooking the sea, this bright and welcoming room is perfect for meetings or business lunches. It is connected to Sala Del Moro and opens onto the Bosquet Terrace, which can be set up for coffee breaks during the warmer months.

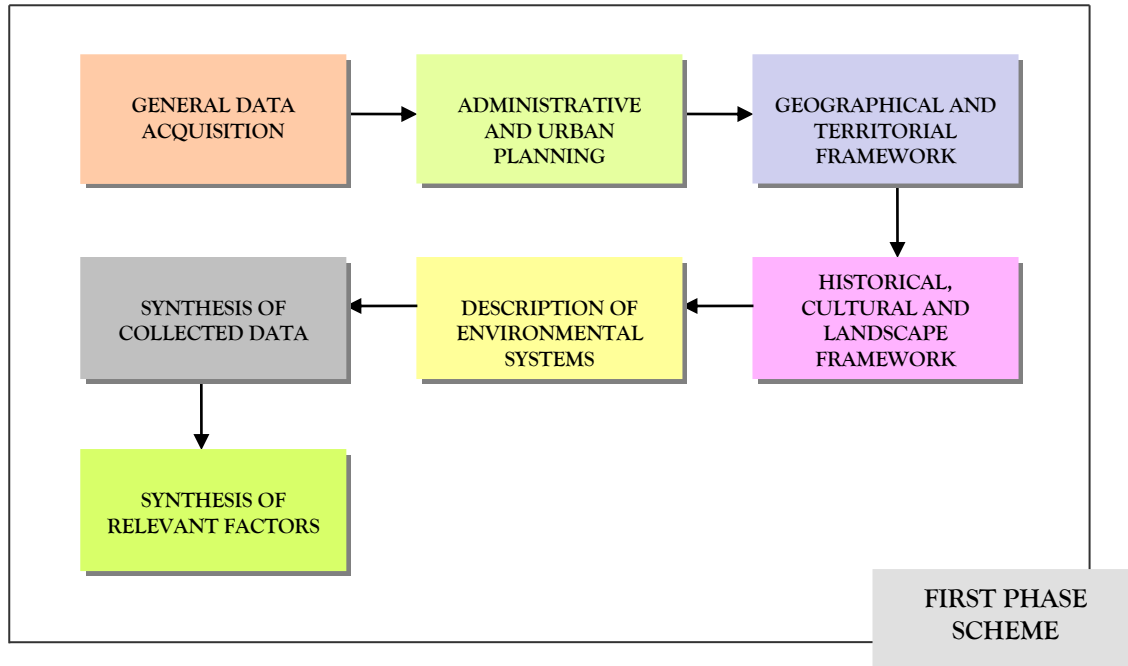
Sala Del Moro (35 pax): A warm and luminous space for small meetings and incentive gatherings. Decorated with trompe-l'œil paintings depicting plants and Middle Eastern draperies, it features a large window facing the Bosquet Terrace and is connected to both Sala Club and Sala Stuart.

Sala Bosquet (35 pax): Characterized by geometric paintings in shades of grey and green, this room offers an intimate and familiar atmosphere for small business meetings. It is connected to Sala Del Moro and Sala Stuart, and opens onto the Bosquet Terrace, with its stunning views of the Gulf of Naples and Mount Vesuvius.

Sala Stuart (35 pax): Decorated with trompe-l'œil floral motifs in pastel tones, this room accommodates small groups in an intimate and comfortable setting. It is connected to Sala Bosquet and overlooks the namesake terrace with sea views.

Sala Tarantella (80 pax): Decorated with scenes of the traditional Sorrentine dance painted by Belgian set designer Thierry Bosquet, this room is ideal for medium-sized meetings and conferences.

In the following subsections, concerning the general data of the site, a comprehensive overview will be provided, together with an exhaustive summary highlighting the potential environmental issues related to the site.



4.1 ACQUISITION OF GENERAL DATA

COMPANY PROFILE SHEET

Company Name	Business Activity
Grand Albergo Excelsior Vittoria S.p.A.	Provision of hotel hospitality, restaurant and bar, holistic center, and swimming pool services
Legal Representative	Place of Business
Guido Fiorentino	Piazza Tasso, 34 - Sorrento
Registered Office	
Via Santa Lucia 133, Napoli 80132	
Number of employees	
The company employs approximately 45 permanent staff members serving the facility year-round; the number of employees can increase to about 190 during peak guest seasons, through seasonal or fixed-term contracts.	

4.2 GEOGRAPHIC AND TERRITORIAL FRAMEWORK

We now proceed with the description of the site's surrounding area.

It should be noted that, in order to provide a complete overview, the analysis must not be limited solely to what is present within the site boundaries.

This principle applies not only during the general data collection phase, but also in the subsequent stages of analysis; indeed, when assessing the influence exerted by the site's activities on

environmental aspects, the widest possible range of relevant and reliable information must be available.

The analysis conducted has made it possible to build a well-detailed geographical and territorial framework. The main elements are outlined below.

It should be emphasized that the closest productive activities include:

- Tourist shops
- Bars and restaurants
- Other hotels and accommodation facilities in general

From an infrastructural point of view, the municipal road is partially closed to traffic during peak tourist periods, sometimes causing an increase in traffic on the nearby access roads to the property.

4.3 LANDSCAPE, HISTORICAL, AND CULTURAL FRAMEWORK

The landscape, historical, and cultural analysis was carried out by verifying the possible presence of:

- Habitats of particular naturalistic interest;
- Sites of historical significance;
- Culturally significant areas.

This research has shown that the site in question is located within an area of considerable landscape, historical, and cultural importance—a primary driver of tourism in the Sorrento Peninsula. The company, firmly established in the territory, plays a fundamental and longstanding role in enhancing the landscape and cultural heritage of the Sorrento Peninsula and the surrounding areas (Pompeii, Herculaneum, etc.).

4.5 SUMMARY OF RELEVANT FACTORS EMERGING FROM THE GENERAL SITE

The information collected in the previous chapters makes it possible to outline an initial summary framework that fully describes the impact of the Site's activities on the surrounding territory. The area on which the facility stands is primarily of tourist interest, and it is essential for the structure to take care of its environment in order to integrate harmoniously and represent a center of excellence.

It must be noted, however, that the facility faces the typical challenges of a hotel complex of over 20,000 square meters, which requires the definition of three main objectives:

1. to avoid causing harm to human health;
2. to avoid negatively affecting the most sensitive environmental components, both natural (flora, fauna, ecosystems) and anthropogenic (agricultural crops);
3. to reduce sources of pollution arising from normal operational activities.

For this type of reality, these objectives must be achieved by striving for environmental excellence in production-related activities, even before those of a purely administrative nature.

With this approach, environmental aspects will be identified in order to establish appropriate procedures to evaluate and monitor environmental effects.

4.6 SENSITIVE FACTORS IN THE IMMEDIATE AND EXTENDED AREA

FACTORS			NOTE
LOCACATION	Industrial area		
	Residential area		
	Tourist area	X	
	Rural area		
TRANSPORT AND SERVICE INFRASTRUCTURES	Provincial or municipal roads	X	Municipal road with dual access
	State roads		
	Highways		
	Railway network		
	Maritime transport		
	Waste treatment plants		
SENSITIVE HUMAN ELEMENTS	Residential settlements	X	Limited nearby residential settlements
	Social infrastructures (schools)		
	Tourist destinations	X	The Sorrento Peninsula is a place of great tourist interest and a key hub for reaching numerous sites of historical importance
	Tourist infrastructures	X	Numerous accommodation facilities
	Historical and cultural sites of interest	X	Numerous destinations of historical relevance (Pompeii, Herculaneum, Vesuvius, Naples)
	Protected areas and parks	X	Marine protected areas
SENSITIVE ENVIRONMENTAL ELEMENTS	Sensitive ecosystems (flora and fauna)	X	Marine protected zones
	Surface waters		
	Agricultural land		
	Forest land		
	Vulnerable aquifer		
	Presence of exploited groundwater	X	Marine protected zones

5 PRELIMINARY ANALYSIS OF SITE ACTIVITIES

Once the preliminary evaluation phase has been completed, a more detailed analysis of the operations carried out within the Site must be conducted.

Characterizing the operational reality is, in fact, essential to ensure a proper assessment of environmental aspects.

The preliminary analysis of the activity is structured around a description of the processes and operations.

5.1 THE ACTIVITY OF GRAND HOTEL EXCELSIOR VITTORIA S.P.A.

The analytical description of the company's activity has been carried out in such a way as to provide a clear and immediate overview. Starting from this premise, the general identification of the process structure characteristic of the company's operations was undertaken. In particular, the methodology adopted for the acquisition and selection of data, in order to properly assess potential impact factors, was structured as follows:

- definition of operational areas;
- introduction to the activities implemented in the offices;
- identification of equipment management and maintenance activities (raw materials, products, and IT or civil-type support).

It should be noted that, in order to provide an up-to-date, meaningful, and reliable picture of the company's environmental situation, the data relating to the consumption of raw materials, energy, and natural resources refer to an annual operating period. In summary, the study sought to identify:

- processes and activities;
- incoming raw materials and energy resources;
- outgoing materials and other components.

This was done by further analyzing and detailing the specific critical issues linked to the types of activities carried out by the Organization, so as to avoid errors in assessing the impact factors.

6 DESCRIPTION OF THE PRODUCTION CYCLE

6.1 PRODUCTION PROCESS

The work cycle includes a series of cross-functional processes, all contributing to the goal of maximizing guest satisfaction. Although many of these processes remain invisible to guests, they absorb a significant share of the company's resources, all of which are dedicated and focused on making each stay at the property unique.

For each process, specific responsibilities have been identified, as outlined below:

- Processing of booking requests by the reception, which records all the choices made by the guest to ensure maximum comfort during their stay. The reception is also responsible for issuing the invoice at the final stage of the guest's stay.

- Upon guests' arrival, the doorman at the entrance directs them to the reception, ensuring a warm welcome. Once at the reception and after completing the registration process, the porters assist guests by carrying their luggage to the assigned room.
- Qualified staff, such as room attendants and housekeepers, take care of resetting the rooms and preparing them according to the guest's requests and preferences. Housekeepers are also responsible for the daily linen change and room cleaning, while room attendants handle the cleaning of common areas throughout the property.
- Pantry staff manage breakfast and coffee service, as well as the daily arrangement of incoming goods and any inventory control of pantry supplies.
- Chefs are responsible for the daily preparation of lunch and dinner.
- Kitchen assistants and dishwashers ensure the cleaning and resetting of the kitchen.
- Waiters handle the preparation of the dining room and table service.
- Lifeguards are in charge of pool safety, constantly supervising guests using the facility. They also manage the setup of sunbeds and umbrellas each morning and their removal in the evening.
- Massage therapists manage the SPA area, providing guests with the highest level of relaxation.
- Gardeners maintain the lush 20,000 m² garden, ensuring it is always at its best, with the citrus grove and olive trees surrounding the Grand Hotel Excelsior Vittoria.

The Grand Hotel Excelsior Vittoria is also supported by a highly qualified staff dedicated to the technical and organizational management of both personnel and facilities. The structure includes the following departments:

- Presidency, overseeing the overall management of the hotel.
- Administration, responsible for accounting and personnel management.
- Operations Management, supervising all work processes and business decisions, such as renovation projects within the hotel.
- Human Resources Management, ensuring proper coordination and workforce management during peak seasons, when the hotel requires an increase in staff. This department is responsible for recruitment and termination procedures.

7. PROCESS ANALYSIS AND IMPACT IDENTIFICATION

In this section, an analysis of the production process is carried out in relation to the associated environmental aspects.

The business processes identified are as follows:

1. BOOKING AND RECEPTION SERVICE
2. GENERAL AND ROOM CLEANING SERVICES AND LINEN CHANGE
3. F&B SERVICES
4. GARDENING
5. MAINTENANCE
6. HOSPITALITY SERVICES
7. MANAGEMENT AND ADMINISTRATION SERVICES

Based on the study of the waste generated during 2024, the classes and types of special waste, both hazardous and non-hazardous, produced by the company have been identified:

CLASS 15: PACKAGING WASTE, ABSORBENTS, WIPING CLOTHS, FILTERING MATERIALS AND PROTECTIVE CLOTHING (NOT OTHERWISE SPECIFIED)

15 01: Packaging (including separately collected municipal packaging waste)

15 02: Absorbents, filtering materials, wiping cloths and protective clothing

CLASS 16: WASTES NOT OTHERWISE SPECIFIED IN THE LIST

16 06: Batteries and accumulators

16 02: Discarded equipment from electrical and electronic devices

CLASS 17: CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

17 02: Wood, glass and plastic

17 04: Metals (including their alloys)

17 06: Insulating materials and construction materials containing asbestos

CLASS 19: WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTEWATER TREATMENT PLANTS, AS WELL AS WATER SUPPLY AND INDUSTRIAL WATER PREPARATION

19 08: Wastes from wastewater treatment plants, not otherwise specified

CLASS 20: MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR WASTE FROM COMMERCIAL AND INDUSTRIAL ACTIVITIES AS WELL AS INSTITUTIONS, INCLUDING SEPARATELY COLLECTED FRACTIONS)

20 01: Separately collected fractions (except 1501)

20 03: Other municipal waste

CLASS 08: WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE OF COATINGS (PAINTS, VARNISHES AND CERAMIC GLAZES), ADHESIVES, SEALANTS AND PRINTING INKS

08 01: Wastes from the manufacture, formulation, supply and use of paints and varnishes

08 03: Wastes from the manufacture, formulation, supply and use of printing inks

A queste tipologie di rifiuti speciali, si aggiungono i rifiuti assimilati agli urbani per i quali la Struttura effettua operazioni di differenziazione rifiuti e che sono gestiti mediante il servizio ecologico comunale

Infine è stata elaborata la seguente tabella di correlazione, che individua la corrispondenza tra le tipologie di rifiuti speciali prodotti da GAEV e il processo produttivo interessato.

n.	CER	VOICE TYPE	DESCRIPTION	INVOLVED PROCESS
1	150103	NP	Wooden packaging	ALL PROCESSES
2	150106	NP	Mixed-material packaging	ALL PROCESSES
3	150110*	P	Packaging containing residues of hazardous substances or contaminated by such substances	MAINTENANCE / GARDENING
4	150111*	P	Metal packaging containing hazardous porous solid matrices (e.g., asbestos), including empty pressure containers (spray cans)	MAINTENANCE / GARDENING
5	150202*	SP	Hazardous rags and/or absorbent materials	MAINTENANCE
6	160601*	P	Spent lead batteries	MAINTENANCE
7	170203	NP	Plastic	MAINTENANCE
8	170405	NP	Iron and Steel	MAINTENANCE
9	170604	SNP	Insulating materials other than those listed under codes 170601 and 170603	MAINTENANCE
10	190809	NP	Mixtures of oils and fats from oil/water separation, containing only edible oils and fat	F&B SERVICES
11	200121*	P	Fluorescent tubes and other waste containing mercury (neon lamp) <i>neon</i>)	MAINTENANCE
12	200125	NP	Edible Oils and Fats	F&B SERVICES
13	200134	NP	Batteries and accumulators other than those listed under code 20 01 33 (<i>batteries and accumulators</i>)	ALL PROCESSES
14	200307	NP	Bulky waste	MAINTENANCE
15	080111*	SP	Waste paints and varnishes containing organic solvents or other hazardous substances (<i>hardened waste paints and varnishes</i>)	MAINTENANCE
16	080318	SNP	Spent printing toners other than those listed under code 08 03 17 (<i>used printer cartridges not containing hazardous substances</i>)	BOOKING AND RECEPTION SERVICES. MANAGEMENT SERVICES

Below are further details on the processes and related environmental aspects:

7.1 BOOKING AND RECEPTION SERVICE

7.1.1 Process description

This process concerns guest reservations (direct or through agencies) and their check-in and check-out operations.

7.1.2 Potential related environmental aspect

a) Paper production

Waste generation involves paper that is sent and printed during the preliminary contract phase and for check-in and check-out operations.

Procedures are mainly digitized in order to minimize unnecessary paper production.

7.1.3 Summary sheet of environmental aspect

General Aspect	Activity	Operating Condition	Specific Aspect	Evaluation
WASTE	Pre-contract management and customer reception	N	Document Printing	Printed documentation is kept to a minimum through digital management of the process

* N: NORMAL - A: ABNORMAL - E : EMERGENCY

7.2 GENERAL AND ROOM CLEANING SERVICES WITH LINEN CHANGE

7.2.1 Process description

The room cleaning procedures with linen change are carried out using traceable products and according to standard industry practices. Linen is managed through a rental and washing agreement with an industrial laundry, which helps reduce internal product waste in order to protect the environment.

7.2.2 Potential related environmental aspect

a) Waste

The waste collected during cleaning operations is managed through a separate waste collection process, as required by the Municipality, and is limited to the waste generated by individual guests, over which the facility has no direct control, in respect of their individual freedom.

7.2.3 Summary sheet of environmental aspects

General Aspect	Activity	Operating Condition	Specific Aspect	Evaluation
WASTE	Cleaning of rooms and common areas	N	Generation of guest-derived urban waste	Waste sorting according to municipal collection procedures

7.3 FOOD, BAR AND BREAKFAST SERVICE

7.3.1 Process description

All food and beverage services are active and managed according to current procedures. Food services generate an obvious environmental impact due to cleaning activities, energy consumption, and waste generation (organic, paper, municipal).

7.3.2 Potential related environmental aspects

a) Resource consumption

Resource consumption is inherent to the type of process; as far as possible, all activities are carried out with care and staff awareness in order to avoid unnecessary waste.

b) Waste

The waste generated by food and bar activities is managed according to current procedures and treated as separated waste.

7.3.3 Summary sheet of environmental aspects

General Aspect	Activity	Operating Condition	Specific Aspect	Evaluation
Energy Consumption	Food services	N	Water and electricity consumption for meal preparation and cleaning operations	Staff awareness to reduce waste, aside from the mandatory consumption required for the proper execution of activities in line with the facility's service standards
Waste	Food services	N	Various types of waste produced during activities (organic residues, dry waste, unsorted waste, detergent, oil)	Waste is managed through separate collection in accordance with the guidelines of the Municipality of Sorrento

7.4 GARDENING

7.4.1 Process description

Care of the facility's gardens, trees, plants, and lawns.

7.4.2 Potential related environmental aspects

a) Waste

The activity generates waste resulting from garden maintenance (cut grass, branches, leaves, etc.). Such waste is separated and managed according to municipal guidelines. In addition, packaging from containers of substances used may also be generated.

b) Noise

Some equipment (e.g., lawnmowers) may generate noise pollution. To limit impacts, time windows for such activities are carefully chosen (mid-morning), in respect of overall quietness. No specific requirements for measuring decibels are necessary to assess noise pollution, as it remains well below thresholds and the activity is not daily.

c) Garden care products

Products for garden care may be used to eliminate insects or pests (e.g., insecticides, pesticides). The use of such products is limited to the garden's needs and applied by properly trained staff. In addition to regulations protecting workers' health, these products are applied during maintenance hours as a preliminary activity, and supervision by gardeners ensures that guests do not come into contact with them immediately after use.

d) Water

Water used for watering plants, trees, and gardens as part of their normal care and maintenance.

7.4.3 Summary sheet of environmental aspects

General Aspect	Activity	Operating Condition	Specific Aspect	Evaluation
Waste	Care of plants, lawns, and trees	N	Generation of waste from maintenance activities	Their removal is managed through the municipal service
Noise	Care of plants, lawns, and trees	N	Generation of noise from the use of specific equipment	Limited by scheduling of activities
Water	Care of plants, lawns, and trees	N	Use of water resources for irrigation	Water supply is freely available, therefore representing a potential resource waste; strict monitoring by staff
Gaeden Care Products	Care of plants, lawns, and trees	N	Use of specific products to combat insects, pests, and elements that may damage the flora	Use limited to actual needs and supervised by staff after application

7.5 MAINTENANCE**7.5.1 Process description**

Maintenance activities on a facility of this size naturally generate a considerable amount of waste resulting from the activities themselves, such as used oils, paint cans, metal parts, etc.

7.5.2 Potential related environmental aspectsa) Waste

Generation of waste, including hazardous waste, from maintenance activities.

7.5.4 Summary sheet of environmental aspects

General Aspect	Activity	Operating Condition	Specific Aspect	Evaluation
WASTE	Maintenance	N	Collection of waste of unknown type a priori	Collection of waste and assignment to a disposal company

7.6 HOSPITALITY SERVICES

The possibility for guests to autonomously set the room temperature does not allow for direct control over the use of resources directly connected to electricity consumption for air conditioning.

7.6.2 Potential related environmental aspects

a) *Resource consumption*

Electricity consumption for air conditioning of the premises. All air conditioning units are high-efficiency and regularly maintained in order to avoid further waste, as part of a service that is nonetheless offered by the property.

b) *Emissione di gas*

The gases emitted by the air conditioning system are all limited through proper maintenance of the units and their energy efficiency classification.

7.6.3 Summary sheet of environmental aspects

General Aspect	Activity	Operating Condition	Specific Aspect	Evaluation
<i>Energy Consumption</i>	Air conditioning of premises	N	Energy consumption for air conditioning of the premises according to the individual guests' preferences	Routine maintenance of the system
<i>Gas Emissions</i>	Air conditioning of premises	N	Emission of gases connected to the operation of the air conditioning system	

8. SIGNIFICANT ENVIRONMENTAL ASPECTS

8.1 USE OF WATER RESOURCES

8.1.1 Water Supply

The water drawn from the municipal aqueduct is not subject to any type of treatment; it is potable and meets the necessary hygienic and sanitary requirements.

8.1.2 Organization and Personnel – Practices and Procedures

a) Responsibilities

No specific responsibilities related to the management of the water supply are defined or formalized.

e) Operating procedures

The company does not have an operational instruction relating to this aspect.

8.1.3 Environmental Indicators

Below are some example indicators to assess the environmental impact of the company's use of water resources.

INDICATOR	
Water consumption/year	m ³ /year
Water consumption/number of guests	m ³ /number of guesti

8.2 USE OF ENERGY RESOURCES

8.2.1 Energy Supply

a) Energy consumption under exceptional and emergency conditions

here is no record of exceptional or emergency events that have resulted in abnormal energy consumption.

8.2.2 Organization and Personnel – Practices and Procedures

a) Responsibilities

No specific responsibilities related to the management of energy aspects are defined or formalized.

b) Monitoring

The only monitoring carried out on energy consumption is performed through the reading of data provided by ENEL bills at the time of payment.

The available data refers to the overall supply provided to the production unit, since there is no breakdown of energy consumption by department or product area.

c) Maintenance

Maintenance of the systems is carried out in case of breakdown/malfunction and periodically according to a schedule.

f) Operating procedures

The company does not have an operational instruction relating to the management of energy consumption.

8.2.3 Environmental Indicators

INDICATOR	
Energy consumption/year	Kwh /year
Energy consumption/number of guests	Kwh/number of guest