



# **ENVIRONMENTAL DECLARATION**

2022 - 2025

EU Regulation 2018/2026 (EMAS)



## INTRODUCTION

This document represents the first issue of the Copernicus ScpA Environmental Declaration and has been drawn up in accordance with:

- EC Regulation no. 1221/2009;
- EU Regulation no. 1505/2017;
- EU Regulation no. 2026/2018.

With this Environmental Declaration, Copernico ScpA intends to communicate to interested parties (internal and external) the characteristic data of the environmental management system, information on the aspects and impacts related to the activities carried out and the company's commitment to the continuous improvement of its environmental performance, in compliance with the provisions of the EMAS Regulation in force.

This Environmental Statement has been prepared by Diego Manuel Caponi (Head of the Environmental Management System) on the basis of data and information relating to the period 2019-2021. This document was approved by Fabrizio Pinci (Chairman of the Board of Directors).

Copernico ScpA in the drafting of this document undertakes to keep it updated periodically and to share it with interested parties in the most appropriate forms and preferably in electronic format, in order to reduce paper consumption in line with the environmental objectives presented here.

Copernico ScpA declares that the data contained in this Environmental Declaration are real and correspond to truth.

*For clarifications on this Environmental Statement, for environmental reports or communications:*

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REVISION STATUS			
Revision No.	Revision date	Description of changes	Signature for approval
00	04/01/2022	First issue	
01	06/04/2022	Update Environmental Performance and objectives	

A handwritten signature in blue ink, appearing to be "BB", is written over a horizontal line.



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## COPERNICO joint-stock consortium company

The Copernico joint-stock consortium company (hereinafter abbreviated as Copernico) was founded in 2017 by the meeting of service companies on the market since 1975 and by a group of partners with proven experience and entrepreneurial experience. He currently holds a leading position in facility management's integrated service offerings.

Copernico implements a managerial organizational structure, streamlined and elastic, to support the Customer, which, in addition to guaranteeing the provision of services, is supportive for the entire duration of the contract, from the moment of design of the activities, to the assignment procedures, in compliance with the legislation and the Code of Contracts, guaranteeing a certified competence, where the ethical and social code of companies is applied, making itself a guarantor of the safety of workers. All this to offer what is said to be a "genuine contract".

The consortium operates autonomously and indirectly on behalf of the consortium members throughout the national territory. The experience and expertise in many sectors have led Copernico to propose itself as an ideal partner for public administrations and large companies.

### i nostri mercati

#### PUBBLICA AMMINISTRAZIONE

- soggetti aggregatori
- istituzioni ed enti pubblici
- amministrazioni locali
- forze dell'ordine ed armate

#### SANITÀ

- strutture sanitarie pubbliche e private
- case di cura, cliniche ed ambulatori

#### SOCIETÀ A PARTECIPAZIONE PUBBLICA

- società municipalizzate
- aziende di trasporto pubblico
- società postali

#### GRANDE DISTRIBUZIONE

- supermercati e centri commerciali
- punti vendita e retail
- amministrazioni locali
- centri logistici

#### SOCIETÀ PRIVATE

- istituti di credito ed assicurativi
- immobili corporate e real estate
- stabilimenti produttivi e industrie alimentari

### fatturato per area geografica



Figure 1 - Scope



## GENERAL DATA OF THE ORGANIZATION

Company	Copernico joint-stock consortium company
Registered Office	Via Vittorio Emanuele Orlando 75 -00185 (RM) - Italy
Chairman of the Board of Directors	Pinci Fabrizio
Email	info@copernicofm.com
PEC address	Copernicosocietaconsortileperazionilegalmail.it
Telephone	+39 06 4815743
Internet site	<a href="https://www.copernicofm.com/servizi-in-outsourcing-azienda-copernico.html">https://www.copernicofm.com/servizi-in-outsourcing-azienda-copernico.html</a>
Start Date Activity	27/10/2017
VAT	14457361005
NACE Code	81.21- 70.10 - 56.29
Number of Employees	219
Share capital	100.000,00

## THE MAIN SECTORS OF ACTIVITY

Copernico, although a young reality, presents itself to the world of facility management, with the ability to manage outsourced services, proposing itself as the ideal partner for Clients, Public and Private, who need to outsource their "no core" services.

IFMA1 defines "Facility Management" as that corporate discipline that coordinates the physical working space with human resources and the company's own activity, integrating the principles of economic and financial management of the company, architecture and behavioral and engineering sciences". Copernico faithfully replicates the track defined by IFMA, defining an integrated approach that, through the design, planning and provision of



support services to the company's main activity, aims to increase the effectiveness of the organization and make it able to adapt easily and quickly to market changes.

Copernico offers personalized, eco-sustainable and cutting-edge services from the initial design because it is from the details that you can better appreciate the service of how it is carried out.

In particular, the services provided by the Consortium are:

 <p><b>I servizi di pulizia</b> sono essenziali per il welfare aziendale nonché per garantire condizioni di igiene e sicurezza dei propri dipendenti.</p> <p><i>Copernico garantisce l'erogazione dei servizi di pulizia riducendo l'impatto ambientale, anche grazie all'uso dei migliori prodotti ecocompatibili e biodegradabili</i></p> <ul style="list-style-type: none"> <li>• pulizia civile ambienti pubblici e privati</li> <li>• pulizia ambienti GDO, centri commerciali</li> <li>• pulizia industriale</li> <li>• rimessaggio e pulizia autobus, ferroviari</li> </ul>	 <p>Le <b>attività di sanificazione e disinfezione</b> sono erogate attraverso processi che includono le migliori tecniche ed attrezzature, impiegando presidi registrati, proponendo l'attivazione di iter propedeutici alla certificazione da parte di enti terzi; l'attività di sanificazione è richiesta sia in ambito sanitario che in quello industriale.</p> <p>Il pest control è gestito attraverso sistemi informatizzati di controllo accessibili al cliente.</p> <ul style="list-style-type: none"> <li>• pulizia e sanificazioni in ambienti ospedalieri, cliniche, case di cura</li> <li>• pulizia stabilimenti alimentari</li> <li>• pest control</li> </ul>	 <p>I <b>servizi di ristorazione</b> sono erogati sia in mense aziendali che 'attività è erogata sia in mense aziendali che in attività ristorative con servizio al tavolo; i servizi resi non possono non prescindere da un'attenta valutazione degli acquisti di materie prime da fornitori certificati in grado di garantire tracciabilità sin dalla filiera di produzione, proponendo soluzioni di agricoltura biologica ed allevamenti sostenibili; le procedura aziendali garantiscono applicazione delle norme HACCP.</p> <ul style="list-style-type: none"> <li>• gestione mense aziendali</li> <li>• gestione ristoranti, bar, circoli, catering e ristorazione</li> <li>• servizi lavaggio stoviglie</li> </ul>
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Figure 2 -Services provided by Copernico ScpA





 <p><b>I servizi di accoglienza</b> racchiudono tutti quei servizi riconducibili alle attività di cortesia sia per le strutture alberghiere, che per le aziende le quali intendono esternalizzare il front office; in aggiunta i servizi di vigilanza non armata e di portierato</p> <p><i>*reception e front office</i></p> <ul style="list-style-type: none"> <li>* portierato, vigilanza non armata</li> <li>* gestione hotel, foresterie, soggiorni estivi, invernali e stagionali</li> <li>* lavanolo</li> </ul>	 <p>Recentemente Copernico ha voluto aderire alla domanda del mercato della <b>logistica</b> che sempre più spesso richiede un'esternalizzazione dei servizi, nello specifico la gestione dei magazzini, nonché servizi di facchinaggio e trasporto materiali.</p> <p><i>* facchinaggio e traslochi</i></p> <ul style="list-style-type: none"> <li>* movimentazione interna di magazzino</li> <li>* picking, allocamento merce, stoccaggio</li> <li>* organizzazione flussi in e out e programmazione dei trasporti</li> </ul>	 <p><b>Servizi di facility management:</b> la divisione si occupa delle operazioni manutentive degli immobili, affidate anche attraverso contratti di "general contractor"; sono incluse le attività di governo delle commesse attraverso i più innovativi sistemi informativi CAFM (computer aided facility management)</p> <ul style="list-style-type: none"> <li>* manutenzione aree verdi</li> <li>* manutenzione impianti civili ed industriali</li> <li>* manutenzioni edilizie</li> <li>* governo di commesse e convenzioni</li> </ul>
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Figure 3 - Continuation of the services provided by Copernico ScpA

The activities and services specified above are activities carried out directly by the assignee member and are subject to control and supervision by the Consortium; the resulting environmental aspects are therefore indirect environmental aspects for the Consortium.

With regard to the activities of the Consortium, it is necessary to clarify that the NACE codes present in the Chamber of Commerce are all related to activities that are carried out directly by the associated companies. But the specific activities of the Consortium can be identified with the code 81.21 (General (non-specialized) cleaning of buildings) as these are activities carried out by the consortium employees within the offices of the headquarters, at the service of their associated companies.

## THE CONSORTIUM MEMBERS

Copernico currently employs companies engaged independently in activities related to various operating sectors. Together they work together to develop a diversified and cutting-edge offer within the multi-service market. The copernico companies are:

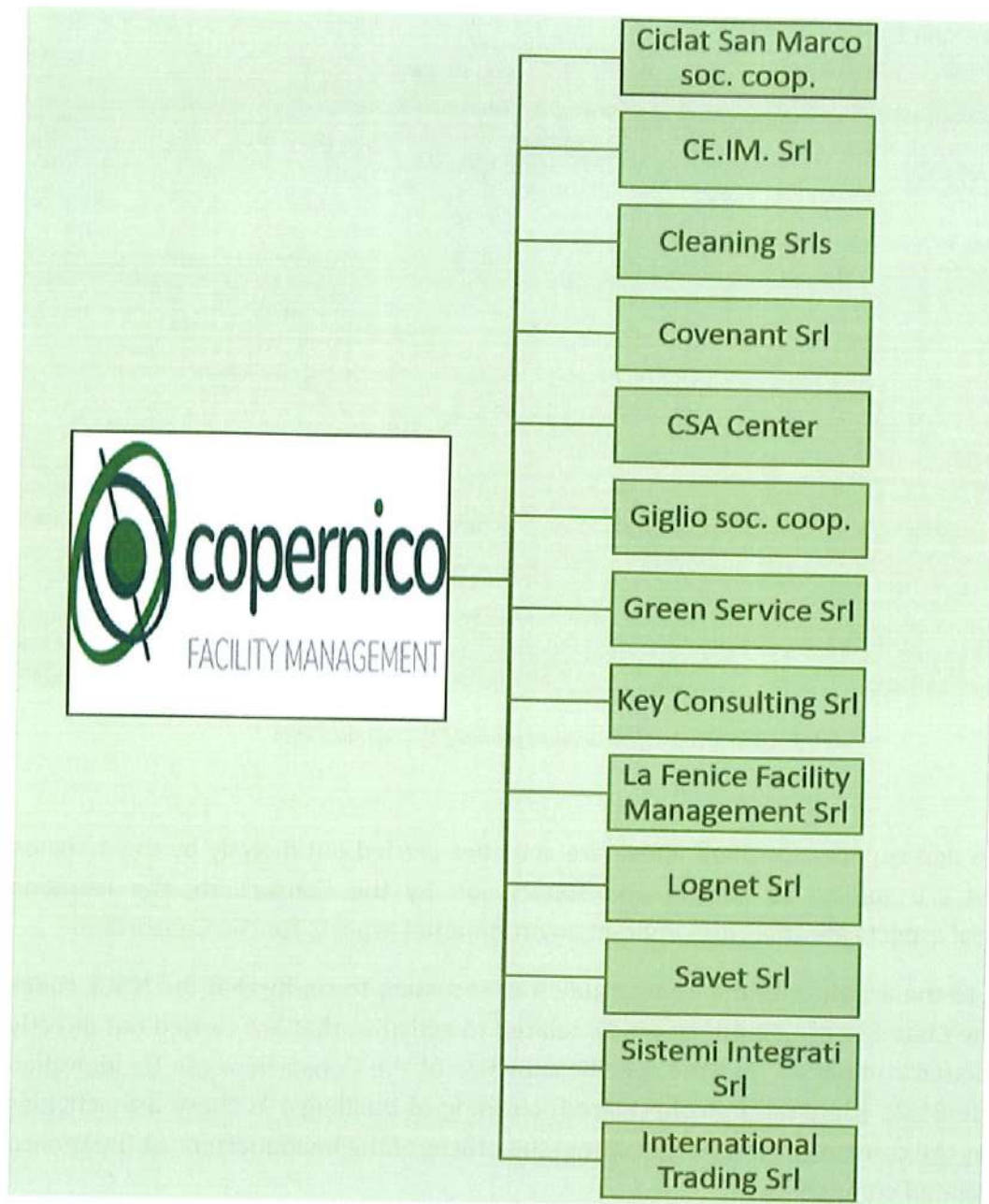


Figure 4 - Copernicus' Consortium Members





The activity of the Consortium and the relations between it and its associated companies are governed by the "Statute" and, in short, consists of:

- Acquire contracts and service contracts, entering into contracts with public and private clients;
- Propose itself as the sole contact person of the customer for the management of all the non-core activities that the customer intends to entrust to the outside, providing its services in a global service perspective and assuming full responsibility for the result;
- Ensure the correct execution of the contractual services through the structure, equipment and staff of the consortium members
- Provide support to consortium members for the improvement of quality levels of services and organization.

## SITE DESCRIPTION

The legal and operational headquarters of Copernico is located in Rome in via Vittorio Emanuele Orlando 75, CAP 00185, inside the Galleria Esedra.





Figures 5 - Location of the registered office in Rome

This street is part of the Rione Castro Pretorio, between Piazza della Repubblica and Piazza San Bernardo. In 1956 the Municipality of Rome decided to dedicate it to the statesman Vittorio Emanuele Orlando (Palermo 1860-Rome 1952), who held numerous important positions and was President of the Council of Ministers between 1917 and 1919. Here are the Grand Hotel and the Esedra Gallery and the fontana of the Naiads.

In the next photo (extraction from Google Maps) you can see the company headquarters.

This location, although well connected from the road point of view, is difficult to reach in cases of road traffic at peak times.

The activity of Copernico takes place in a portion of a building of about 210 square meters, for rent, where the managerial, administrative, commercial offices, meeting room and rooms for toilets are distributed. In the same building there are also spaces rented to other companies.

The room is equipped with wooden floors, while the toilets are finished with ceramic coatings. The heating of the rooms takes place through an outdoor oil boiler with methane gas burner powered by the city network, positioned on the roof of the building in compliance with the technical rules of fire prevention and current regulations. Cooling is ensured by an air conditioning system (consisting of eight wavers) that allows you to regulate the temperature and humidity of the internal environments of a room. The room is equipped with a smoke detection system that triggers an alarm signal as soon as it senses the presence of substances harmful to humans.

The situation of company fire extinguishers is as follows:

Table 1 – Fire extinguishers present in the administrative headquarters

Freshman	Location	Fire extinguisher type
72369	Near the electrical panel at the entrance	CO2 fire extinguisher



008197	Located in the corridor	Powder fire extinguishers kg 6
000520	Located in the corridor	Powder fire extinguishers kg 6

The area affected by the location is not subject to landscape constraints.

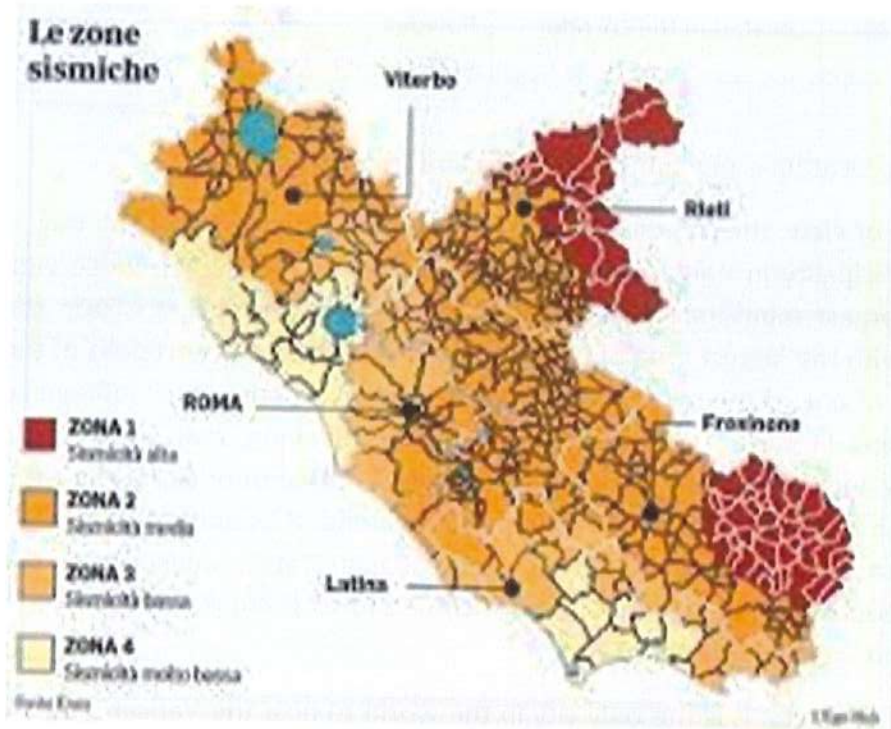
From **a geological point of view**, the city of ROME, in addition to being the capital of Italy, is the most populous municipality in Italy, counting about 2,758,454 inhabitants, while with 1287.36 km<sup>2</sup> it is the largest municipality in Italy and the European Union. It is also the European municipality with the largest area of green areas. It was the first metropolis of the West, the beating heart of one of the most important ancient civilizations, which influenced society, culture, language, literature, art, architecture, urban planning, civil engineering, philosophy, religion, law and customs of the following centuries. Place of origin of the Latin language, it was the capital of the ancient Roman State that extended its dominion over the entire Mediterranean basin and much of Europe, of the Papal States, subjected to the temporal power of the popes and the Kingdom of Italy (from 1871 to 1946). Par excellence, it is called the City, Caput mundi and Eternal City.

The heart of Catholic Christianity, it is the only city in the world to host the Vatican City. Its historic center, bordered by the perimeter of the Aurelian walls, is an expression of the historical, artistic and cultural heritage of the Western European world and, in 1980, together with the extraterritorial properties of the Holy See in the city, it was included in the list of UNESCO World Heritage Sites.

Geographically Rome rises on the banks of the Tiber River; the original town developed on the hills facing the bend in which the Tiber Island stands. The substrate consists of the pyroclastic material produced by the volcanoes, now extinct, which surround the area of the city to the south-east, the Lazio Volcano in the current Alban Hills, and to the north-west, the Sabatini Mountains, between 600000 and 300000 years ago. From these deposits are formed most of the hilly reliefs of the area. Subsequently, the river activity of the Tiber and the Aniene contributed to the erosion of the reliefs and sedimentation, characterizing the current territory.



The figure below shows the updated map (Annex I and II of GRT Resolution No. 878 of 8.10.2012) of the *seismic risk* in Lazio, which highlights the seismicity in the various municipalities.



Picture 6 - Seismic classification of the Lazio region.

- zone 2B (medium seismicity, includes the territorial areas of municipalities IV, V, VI, VII, VIII and IX);

- zone 3A (low seismicity, includes the territorial areas of the Municipalities I, II, III, X, XI, XII, XIII, XIV and XV);

- zone 3B (low seismicity, includes the administrative island of the municipality XV).

The *climate* of the city maintains a rather lenient regime throughout the year, apart from the summer excesses, a feature that makes it visitable in every season. The intermediate seasons, although moderately rainy, are the most pleasant. Autumn is much warmer than spring, which still suffers from remnants in winter. With an average maximum temperature above 30 °C, the Roman summer is by nature already very hot. In summer, the combination of humidity and high temperatures, combined with infiltration of fresh air from the north-west can give rise to rare but intense storm phenomena; this situation lasts until October, whose infiltration of increasingly cooler air meets a sea that is still very hot. During the rest of the year, drier periods alternate with moderately rainy periods, with maximum peaks in the months of November, December and April. The average annual rainfall is around 800 mm in the thirty years 1971-2000. Snowfall is an infrequent phenomenon in the city.



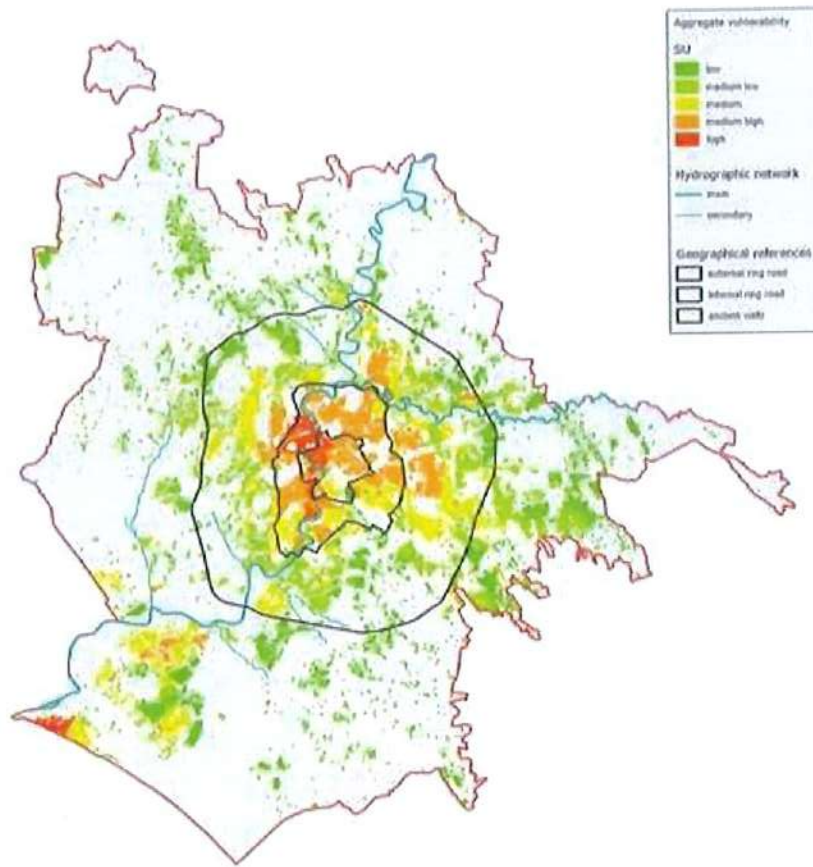


Figure 7 - Distribution of different climates in the Lazio region

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## ACTIVITIES CARRIED OUT BY THIRD PARTIES

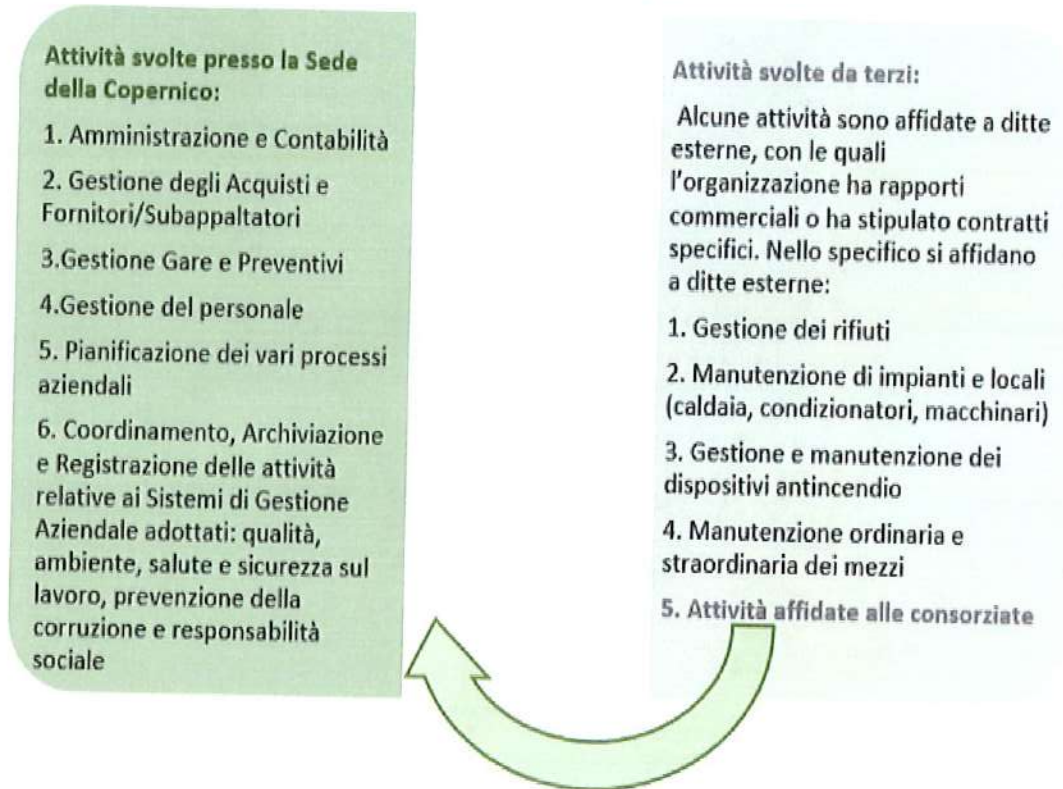


Figure 8 - Outsourcing Activities

## THE QUALITY OF OUR SERVICES

Quality consists of a strongly objective part (the technical aspects that must meet the customer's specifications) but also of an absolutely subjective part (the aspects that must meet the expectations and desires of the customer); is the relationship between the provision of the service and as expected, such as to express the level of correspondence between the customer's expectations and the service offered.

Copernico's reputation is based on the principles of excellence in providing customers with high quality services, fairness and respect towards all the people who work in the organization, and transparency in communication. Copernico's goal is to win the trust and respect of customers, collaborators and all those who relate to the company (stakeholders). Copernico is committed to integrating the principles of Corporate Social Responsibility into its activities, reconciling economic objectives with social and environmental impacts and in compliance with safety standards in the workplace.

For this reason, the Organization has decided to obtain the following voluntary certifications:





**UNI EN ISO 9001:2015**  
Sistema di gestione qualità



**UNI EN ISO 14001:2015**  
Sistema di gestione ambientale



**UNI ISO 45001:2018**  
Sistema di gestione della salute e sicurezza sul lavoro



**SA 8000:2017**  
Sistema di gestione della responsabilità sociale



**UNI ISO 37001:2016**  
Sistema di gestione per la prevenzione della corruzione

*Picture 9 - Copernicus has voluntarily adhered to the standards listed above.*

In addition, Copernico adopts the model of organization and control, pursuant to Legislative Decree. 231/2001, which implements those training and implementation procedures for company decisions, to avoid the commission of crimes referred to by the same rule. The adoption of the Organizational Model allows Copernico to obtain the recognition of the "legality rating" promoted by AGCM - Autorità Garante della Concorrenza e del Mercato (art. 5-ter of Decree-Law 1/2012, as amended by Decree-Law 29/2012, converted with amendments by Law 62/2012).

## EMAS AND SCOPE

Eco-Management and Audit Scheme (EMAS) is a voluntary tool created by the European Community to which organizations (companies, public bodies, etc.) can voluntarily join to evaluate and improve their environmental performance and provide the public and other stakeholders with information on their environmental management. The priority purpose of



EMAS is to contribute to the achievement of sustainable economic development by highlighting the role and responsibilities of businesses.

Through its own organization and that of the member companies of the consortium, Copernico realizes its entrepreneurial mission with the aim:

**Design and provision of cleaning and sanitizing services for: civil, industrial, hospital, bus, train and tram environments. Provision of disinfection and deratization services.  
Service of assignment to the consortium members of goods transport activities by land (excluding ADR), removal, portage and maintenance of green areas.  
Provision of distribution of meals, breakfast and coffee breaks.**

## SUSTAINABILITY STRATEGIES

Copernico has adapted to the global challenges related to Sustainability by identifying 5 priority areas to work on:

### ➤ Model LCA

- Application of the principles of the Life Cycle Assessment model, which allows to quantify the potential impacts [https://it.wikipedia.org/wiki/Impatto\\_ambientale](https://it.wikipedia.org/wiki/Impatto_ambientale) on the environment and human health associated with the service

### ➤ Sustainable products and equipment

- Use of green products and equipment is made both towards our operators and our customers

### ➤ Energy Consumption

- Management and reduction of Energy Consumption also through a careful selection of energy providers

### ➤ Taking care of employees and the community

- The company closely follows suppliers in the development of green products; so that new solutions are sought towards a remodulation and contraction of consumption.



➤ **Properly trained staff**

- Environmental education therefore aims to strengthen environmental protection

## ENVIRONMENTAL POLICY

This Environmental Policy is the expression of the Management's desire to operate responsibly towards the environment. This commitment is realized with the implementation and maintenance of an Environmental Management System at its site and the consequent certification in accordance with the UNI EN ISO 14001 standard. In addition, Copernico in order to improve its awareness of environmental issues, has decided to adhere to the "Eco-Management and Audit Scheme" (EMAS) management procedure.

Copernicus' environmental policy is embodied in the following management principles:

### **COMPLY WITH CURRENT LEGISLATION AND TECHNICAL STANDARDS OF THE SECTOR**

*Introduce and maintain all the necessary interventions to ensure that the activities of the organization meet the legal requirements ensuring the most absolute compliance with all the national and regional regulations in force that regulate environmental protection.*

### **ANALYZE YOUR ENVIRONMENTAL IMPACTS**

*Analyze your significant environmental impacts and reduce them through specific programs and procedures. The monitoring of the improvement achieved will be measurable through specific indicators.*

### **IMPLEMENTING ENVIRONMENTAL OBJECTIVES**

*Increase environmental objectives, analyzed and based on their business performance. The achievement of these objectives is implemented through a specific annual planning. The progress of these programmes shall be continuously monitored by taking appropriate corrective action where and when necessary.*

### **INVOLVING INTERNAL STAFF**

*Raise employee awareness through information, training and development of professional skills in order to ensure that the Environmental Policy and the related Management System are implemented at every level of the organization.*

### **INVOLVING STAKEHOLDERS**



*Involve stakeholders in environmental protection through the sharing of the Environmental Policy and its objectives*

### **CONTINUOUS VERIFICATION**

*Continuous verification of the management of Environmental Protection, through the analysis of the results achieved, the revision of the above principles and the Environmental Management System*

### **CONTINUOUS IMPROVEMENT**

*The continuous improvement pursued, when technically possible and economically feasible, through the constant updating of the technologies used and through the training of personnel.* The Management has, in agreement with all the company functions, set the following programmatic and general objectives for the next three years:

- Implement and maintain an efficient environmental management system according to the requirements of the UNI EN ISO 14001: 2015 standard;
- Monitor its environmental impacts in order to carry out an eco-sustainable service;
- Orient business processes towards solutions that are more environmentally friendly, reducing the consumption of energy and natural resources and limiting polluting emissions and waste production
- assess in advance the environmental effects of all new activities and all new products and processes
- Adoption of materials whose use presents the least possible risks for users and the environment.
- Commitment to maintaining performance through the maintenance and periodic renewal of vehicles and equipment, favoring solutions that guarantee the safety of workers and the reduction of noise and pollutant emissions into the atmosphere
- Communicate its environmental performance transparently to the local community and customers to obtain and consolidate trust in the activities and services offered
- Involve and sensitize all staff on aspects related to environmental protection through appropriate information and training initiatives
- Ensure that all employees and main external collaborators carry out their work in a manner compatible with company policy, in full compliance with the law and the requirements of the interested parties.
- Adopt a plan for the prevention and management of environmental emergencies
- Periodically and regularly audit the operating procedures and instructions, to evaluate performance and compliance with company policy.
- Carry out internal audits to periodically check environmental "performance"
- Ensure that this document is available to the public



In order to pursue the aforementioned objectives, the Management delegates the Head of the Environmental Management System (RSGA) to verify with scheduled periodicity the implementation of this policy by all the company functions involved, recording the relevant data and informing the management about the state of the system.

The Environmental Policy is periodically reviewed and revised.



The image shows a blue ink signature and a circular stamp. The stamp contains the text "KYPRAKI ETIMOSIS METEOROLOGIKI" at the top and "CYPRUS CERTIFICATION COMPANY" at the bottom, with a central logo featuring a stylized 'M' and 'C'.

## FLOWCHART

The consortium's organization chart is as follows:

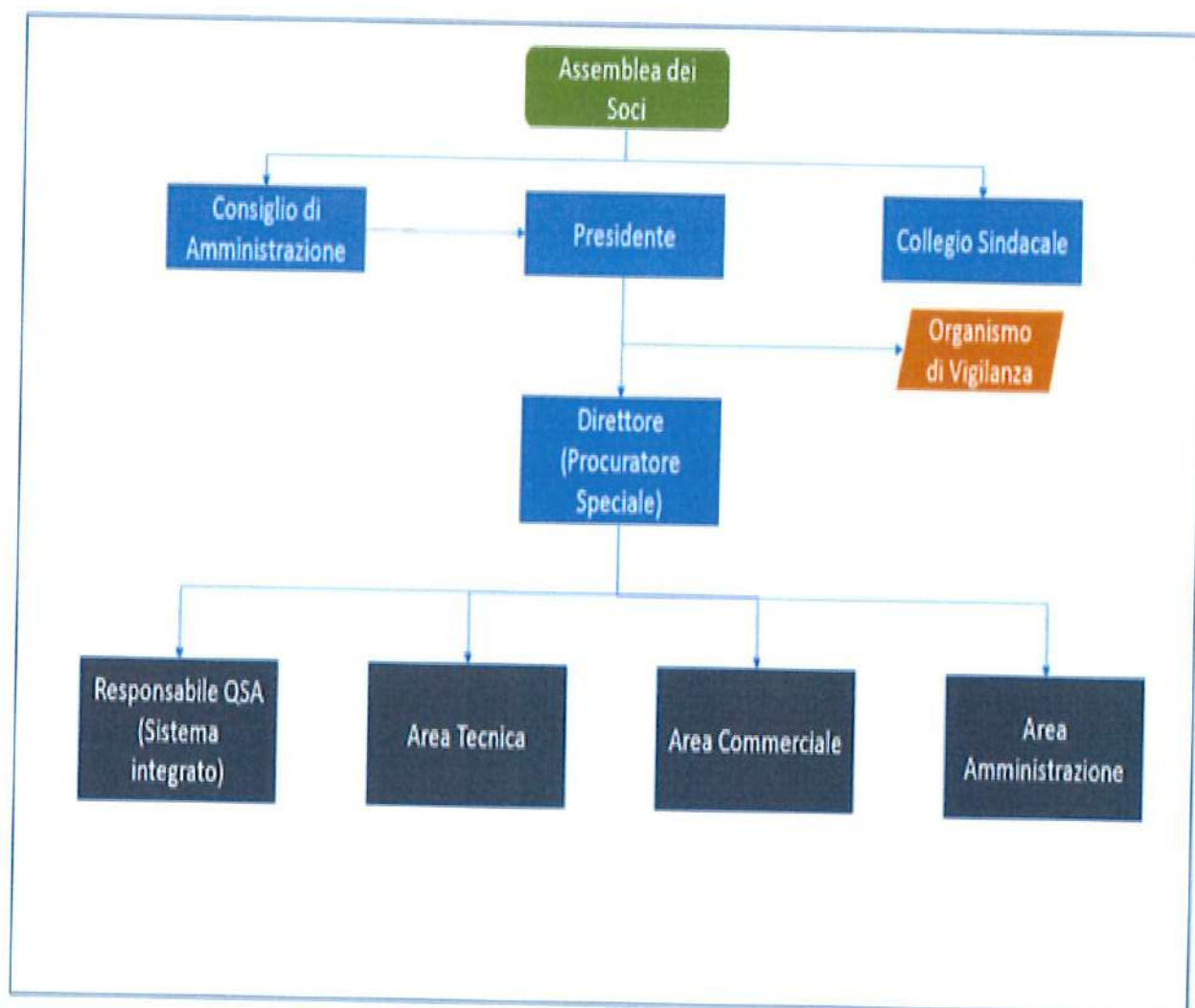


Figure 10 - Company Organization Chart

The organizational structure in charge of the management of the EMAS system is articulated as follows.



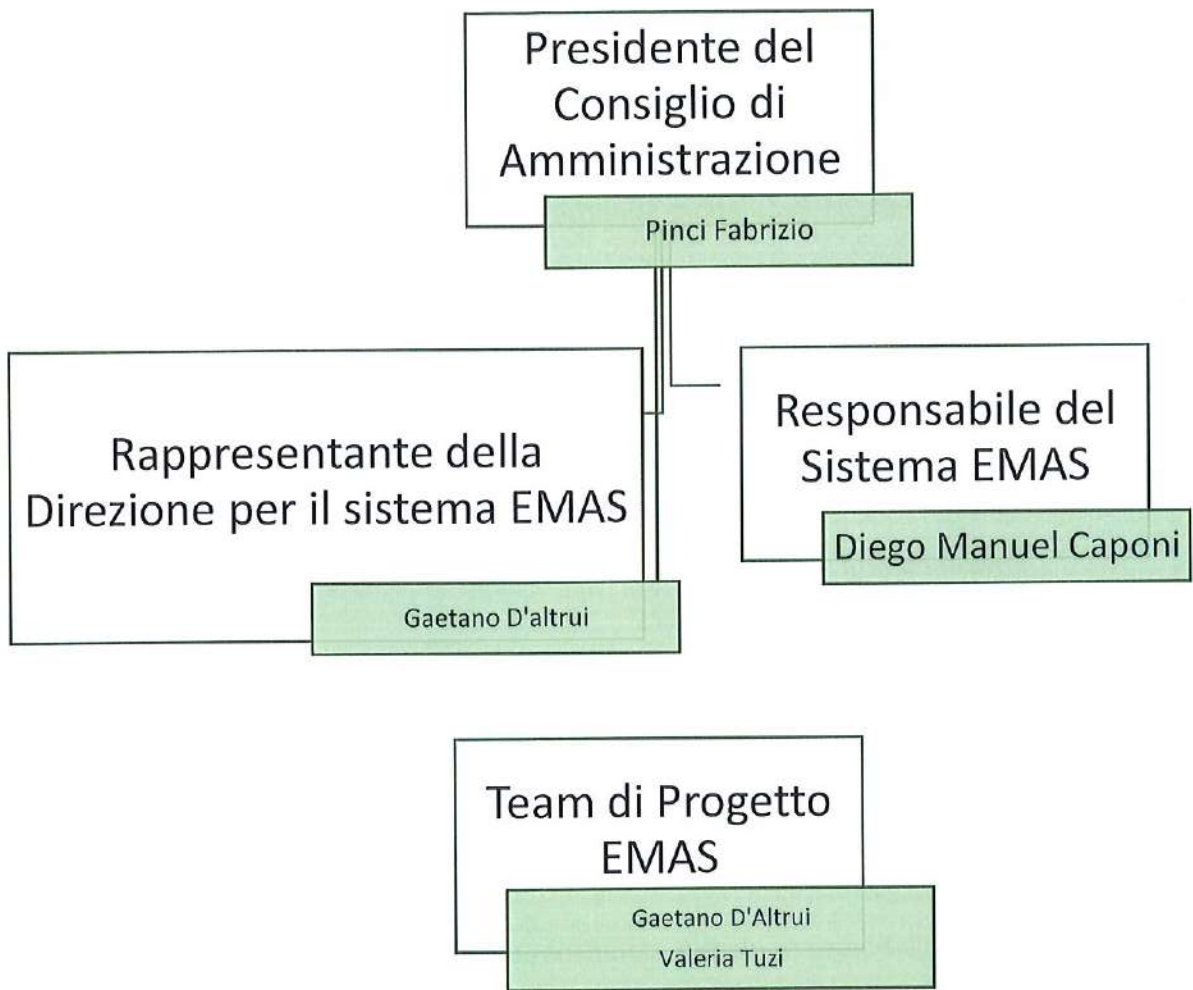


Figure 11- EMAS Organizational Structure



Table 2 - EMAS Organisational Structure

<p><b>Project Team - EMAS</b></p> <p><i>To ensure the functioning of the Environmental Management System and the application of the provisions of the EMAS Regulation, Copernico ScpA has identified a specific Project Team with roles, responsibilities and reports of the functions that have or could have an impact on organizational activities and the environment.</i></p>	
<p><b>Who</b></p>	<p><i>Officially appointed company functions that actively contribute to the implementation of the Environmental Management System</i></p>
<p><b>Purpose</b></p>	<p><i>Actively involve employees in the implementation and improvement of the Environmental Management System, increasing their awareness of environmental commitments and initiatives</i></p>
<p><b>Tasks</b></p>	<ul style="list-style-type: none"> <li>- <i>Support the Management in the revision and updating of the environmental policy</i></li> <li>- <i>Definition of objectives and improvement plans to be proposed to the Management</i></li> <li>- <i>Collaborate to identify significant environmental aspects and define related control and monitoring measures.</i></li> <li>- <i>Support the writing/revision of the System procedures and the EMAS Environmental Declaration</i></li> <li>- <i>Facilitate the application of the Environmental Management System through:</i> <ul style="list-style-type: none"> <li>• <i>Regular review of improvement objectives and programmes</i></li> <li>• <i>Provide input for periodic review</i></li> <li>• <i>Develop awareness-raising and communication activities to stakeholders</i></li> <li>• <i>Review / updating of stakeholder expectations, in relation to environmental issues.</i></li> </ul> </li> </ul>



## INTERESTED PARTIES

The main internal stakeholder of a consortium is the consortium members themselves, i.e. those companies that take part in the consortium itself.

The external stakeholders turn out to be suppliers, both direct of the consortium and indirect of the consortium members, the customers and finally the local authorities for the various cogencies.

All the stakeholders indicated have both implicit and expressed needs and expectations with the aim of having a continuous and beneficial working relationship.

The satisfaction of needs and expectations follows budgetary rules that must satisfy not only the stakeholder, but must also coincide with the company's objectives: first of all is the increase in annual profit, through business continuity, and the reduction of global environmental impacts in an LCA perspective.

## APPLICABLE ENVIRONMENTAL LEGISLATION

Legislative obligations in the environmental field have been grouped and classified below. Legislative obligations are continuously updated through internal audits and specific training periods for staff: to this we add the continuous advice of environmental experts in the field.

*Table 3 - Environmental legislation*

SECTOR	SPECIFICATION
Water and water consumption	Legislative Decree 152/2006 s.m.i.
	R.D. n.775 del. 11/12/2003
	R.D. 1775/33
	Legislative Decree 12/07/1993 n. 275
	D.Lgs. 02/02/2001 n. 31 s.m.i.



<b>Water Drains</b>	Legislative Decree 152/2006 s.m.i.
	L. 31/12/1982 n. 979 s.m.i.
	DM 24/1/1996
<b>Waste</b>	Resolution Register 1/2020
	Register Resolution 2/2018
	Legislative Decree 116/2020
<b>Fire Risk</b>	Legislative Decree 152/2006 and subsequent amendments.
	Legislative Decree 4/2008
	D.M 18 October 2019
	DPR 01/08/2011 n. 151
	DM 03/08/2015
<b>Emission control</b>	Presidential Decree 24.05.1988, n. 203 DPCM 02.10.1995
<b>Start of Activity</b>	Legislative Decree 222/2016
	D. L. 7/2007

## IDENTIFICATION OF SIGNIFICANT ASPECTS

As defined by the EMAS Regulation, "the environmental aspect is an element of the activities, products or services of an organization that can interact with the environment; a significant environmental aspect is an environmental aspect that has or can have a significant environmental impact." The environmental aspects have been divided into direct aspects caused by the company and on which the company can intervene directly, and indirect aspects or over which the company has no direct control.





Copernico has periodically analyzed the direct and indirect environmental aspects related to the activities carried out, both in normal and anomalous operating conditions and emergency. As reported by the current national regulation, the environmental aspects considered are:

- ⇒ Emission into the atmosphere;
- ⇒ Wastewater discharges;
- ⇒ Waste production;
- ⇒ Soil consumption;
- ⇒ Power consumption;
- ⇒ Water consumption;
- ⇒ Noise production;
- ⇒ Energy production;
- ⇒ Landscape impact.

Subsequently, Copernicus assessed which of these have a positive or negative environmental impact in order to determine the most significant ones in relation to the criteria set out in point 5 of Annex I of the EMAS Regulation. Attention is focused on the significant results aspects and appropriate improvement objectives are established within the Environmental Management System.

The assessment of the significance of the impacts took into account three aspects, namely: damage caused, environmental fragility and the company's ability to control. For the assessment of abnormal operating conditions, the value resulting from the first analysis was multiplied by an aggravation coefficient.

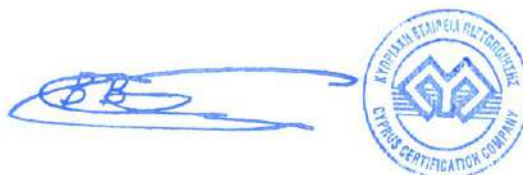
So, under **normal operating conditions**:

$$SI = D \times Fr \times C$$

Where:

SI = Significance of the impact;

D = Damage caused;



Fr = Environmental  
fragility;

C = Control.

The damage, D, was calculated taking into account the danger of an event (P), the frequency (F) and the extent of the event itself(E):

$$D = P \times F \times E$$

Control activity (C) was related to the factors *legislative obligations* and *monitoring*, multiplying the two terms.

Under **abnormal operating** conditions, it multiplied by the coefficient of aggravation (Cc) thus bringing the impact back to abnormal operating conditions (SICOA):

$$SICOA = (D \times Fr \times C) \times Cc$$

The mathematical result obtained was evaluated as shown in Table 6:

Table 4 - Levels of environmental impact significance

SI Levels	Description
YES < 0	Positive impact on the environment
YES > 0	Negative impact on the environment
YES ≥ 9	Highly significant impact
4 ≤ 9	Significant impact
YES < 4	Impact to watch out for

Tables 5-12 show the numerical scales, and their description, used for the evaluation of individual factors.



Table 5

FREQUENCY	
<u>LEVEL</u>	<u>DESCRIPTION</u>
0	Null event
1	Event with low occurrence frequency
2	Event with medium frequency of occurrence
3	Event with high occurrence frequency

Table 6

DANGER	
<u>LEVEL</u>	<u>DESCRIPTION</u>
-3	Highly beneficial event for the environment
-2	Event on average beneficial for the environment
-1	Charity event for the environment
0	Environmentally neutral event
1	Low impact event
2	Average impacting event
3	Highly impactful event

Table 7

DANGER	
<u>LEVEL</u>	<u>DESCRIPTION</u>
-3	Highly beneficial event for the environment
-2	Event on average beneficial for the environment
-1	Charity event for the environment
0	Environmentally neutral event
1	Low impact event
2	Average impacting event
3	Highly impactful event

Table 8

EXTENSION	
<u>LEVEL</u>	<u>DESCRIPTION</u>
1	Event limited to plant limits
1.5	Event with average pollution spread
2	Event with high pollution diffusion



Table 9

ENVIRONMENTAL FRAGILITY	
<u>LEVEL</u>	<u>DESCRIPTION</u>
1	Urban environment/industrial zones; absence of environmental/landscape constraints
2	Environment falling into bands of respect, of discreet environmental / landscape importance
3	Special protection area, presence of environmental/landscape constraints, Habitats Directive, Natura 2000 network, severely contaminating environments and undergoing recovery

Table 10

LEGISLATIVE OBLIGATIONS	
<u>LEVEL</u>	<u>DESCRIPTION</u>
1	No legislative obligation
0.5	Presence of national legislation
0.3	Presence of regional legislation more stringent than the national

Table 11

MONITORING	
<u>LEVEL</u>	<u>DESCRIPTION</u>
1	No monitoring
0.5	Monitored appearance
0.3	Continuously monitored appearance

Table 12

Change Coefficients	
No Change	1
Greater impact	1.5



ENVIRONMENTAL ASPECTS/IMPACT	SPECIFICATION	HAZARD	FREQUENCY	EXTENSION	FRAGILITY	OBVIOUS	CONTROLS	YE	Conditions Abnormal operatives		
									Situation emergency	Situation Abnormal	SIC OA
Emissions into the atmosphere	Personal transport home - work	1	3	1.5	1	0.5	1	2.3	1	1	2.3
Emission into the atmosphere	Emissions related to freight transport	2	2	1.5	1	0.5	0.5	3	1.5	1.5	6.8
Emissions into the atmosphere	Emergency situation for gas injection from air conditioning systems	2	1	2	2	0.5	0.5	2.0	1.5	1.5	4.5
Wastewater Drains	Discharges from service activities (toilets)	2	3	1	1	0.3	0.3	0.5	1.5	1.5	1.2
Production of non-hazardous waste NOT RECYCLABLE	Toner, WEEE	2	2	1	1	0.5	0.5	1.0	1.5	1.5	2.3
Production of RECYCLABLE non-hazardous waste	Paper, Glass, Multimaterial	2	3	1	1	0.3	0.5	0.9	1.5	1.5	2.0
Soil consumption	Waterproofness of the lot	2	1	1	1	0.5	0.5	0.5	1	1	3.0
Power consumption	Electricity consumption	1	3	1	1	0.5	1	1.5	1.5	1.5	3.4
Water Consumption	Office water consumption	1	2	1	1	1	1	2.0	1.5	1.5	4.5
Production of hazardous waste	Fire	3	1	1	1	0.5	0.5	0.75	1.5	1.5	1.7
Emissions into the atmosphere	Fire	3	1	1.5	2	0.5	0.5	2.25	1.5	1.5	5.1



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## ENVIRONMENTAL PERFORMANCE

The environmental performance included in the Environmental Declaration refers, where possible, to the 2019 – 2021 time series.

Environmental performance has been evaluated through the use of specific indicators, defined as performance indicators. From the point of view of dimensional analysis, each indicator is different from the others and from indicators chosen by other companies. The performance indicators take into account the following environmental issues:

- Power consumption;
- Greenhouse gas (CO<sub>2</sub>) emissions;
- Water consumption;
- Material Efficiency - Paper
- Waste
- Land use in relation to biodiversity.

The calculation of the indicators followed the European procedures imposed, namely the Commission REGULATION 2018/2026 amending Annex IV of EC Regulation 2009/1221 of the European Parliament and of the Council on the voluntary participation of organizations in a Community eco-management and audit scheme. According to that regulation, each indicator is characterized by the numerical ratio of two factors, generally referred to as A and B: the A factor specific to the environmental issue, while the B factor is a factor that best represents the company's activity. In relation to the company characteristics, the choice of the B factor fell on the number of hours worked by the staff administrative and the number of employees of the

Table 13- Working hours carried out by Administrative staff



Table 14 - Number of administrative staff in the three-year period 2019-2021

	2019	2020	2021
Administrative Staff	6	8	8



The **energy consumption** attributable to all activities for the three-year period (2019-2021) was calculated taking into account the payment invoices of the following sectors:

- Electricity;
- Fuel

The electricity consumption carried out in the reference period 2019-2020-2021 is shown below. The electricity consumption indicator was calculated using the electricity consumption data for office activities in relation to the number of hours worked by administrative staff. The data of electricity consumption in the three-year period is almost constant.

<b>Energy consumption indicator electrical in relation to the number of hours worked</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<i>Electricity consumption per activity office (kWh)</i>	4.394,00	4.631,00	6.743,00
<i>Working hours administrative staff</i>	11329	10248	14856
<i>Result</i>	0,39	0,45	0,45

The data comes from the consumption reported in the company's electricity bill.

Copernico's monitoring of fuel consumption is calculated and analysed from the year 2021 onwards, as the company was not previously in possession of vehicles with an endothermic engine. Fuel consumption is related to the number of hours worked by administrative staff.

		<b>Fuel</b>			
		Lt.	Lt.		
		Diesel	Gasoline		
<i>June</i>		49,82	118,08	<b>Fuel consumption indicator in relation to the number of hours worked</b>	
<i>July</i>		509,31	716,83		
<i>August</i>		1.485,62	610,32	<i>Fuel Consumption for office activities</i>	12.894,63
<i>September</i>		1.114,81	790,34		
<i>October</i>		1.712,86	919,89	<i>Working hours administrative staff</i>	14856
<i>November</i>		1.601,00	905,70		
<i>December</i>		1.468,33	891,72	<i>Result</i>	0,86
<b>Total</b>		<b>7.941,75</b>	<b>4.952,88</b>		
		<b>12.894,63</b>			

The data relating to fuel consumption comes from the count carried out by the Head of the EMAS Management System



CO<sub>2</sub> emissions come from data converted to CO<sub>2</sub> relating to:

- Electrical energy E(kWh);
- Fuel (Lt.)

The figure shows an increase in the indicator in the three-year period taken as a reference, also in relation to the introduction of a fleet of machines.

<i>Indicator of related CO<sub>2</sub> emissions to the consumption of electricity and fuel</i>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<i>Electricity (kWh)</i>	4.394,00	4.631,00	6.743,00
<i>Tonn. CO<sub>2</sub> emitted</i>	1.903	2.006	2.921
<i>Fuel (Lt.)</i>	-	-	12.894,63
<i>Tonn. CO<sub>2</sub> emitted</i>	-	-	30.173,4
<b>Total CO<sub>2</sub> emissions</b>	1.903	2.006	33.094,4
<i>Number of employees of the consortium</i>	6	8	8
<b>Result</b>	317,16	250,75	4.137

*Conversion value CO<sub>2</sub> Electricity equal to 0.4332 kgCO<sub>2</sub>/kWh (as per EMR Region resolution)*

*CONVERSION VALUE CO<sub>2</sub> Petrol equal to 2.34 kgCO<sub>2</sub>/Nm<sup>3</sup> (as indicated in the GHG protocol)*

**Water consumption** is low, as it is linked to the toilets of offices with seven employees. However, it is not possible to have the (precise data linked to the given condominium consumption calculated on the basis of thousandths).

As for **the efficiency of materials**, within the Copernicus processes the only material that is used is paper. The type of paper used is EU Ecolabel certified.

Paper consumption is related to the number of employees. Considering the pandemic period and the possibility of carrying out part of the activity in Smart working, the consumption of paper in the year 2021 has undergone an increase as the company only in the last year has resumed at full capacity the work activity at the headquarters. Another cause of this increase in paper consumption is the increase in the number of new orders acquired in the year 2021.

Copernico has already adopted a sustainable policy for a greener office:

- ✚ print only the necessary documentation,
- ✚ use recycled paper if possible to make prints for internal use or to take notes.





<b>Indicator of paper consumption in relation to the number of employees</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<i>Paper consumption for office activities</i>	110 Reams	120 Reams	230 Reams
<i>Number of employees of the consortium</i>	6	8	8
<i>Result</i>	18,3	15	28,75

The data relating to the card consumed comes from the count made by the Head of the EMAS Management System

The **consumption of waste** is related to the waste of which it is possible to keep track, i.e. the toners sent for recovery. Toner rejection is related to the number of employees. This figure may be affected by the number of copies printed, and therefore by tenders prepared by the tender office or by the documentation produced for the management of orders. In the last year there has been an increase in the index, in line with paper consumption.

<b>Toner waste indicator disposed of in relation to the number of employees</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<i>Number of toners disposed of (pcs)</i>	7	8	10
<i>Number of Consortium employees</i>	6	8	8
<i>Result</i>	1,16	1	1,25

The data relating to the toner disposed of comes from the count carried out by the Head of the EMAS Management System

The **biodiversity** indicator is not monitored due to the location of the company headquarters.

## ENVIRONMENTAL PROGRAMME

The environmental program for the three-year period 2022-2025 is presented below.

<b>OBJECTIVE N°1</b>	
Increase the share of electricity produced from renewable energy sources	
<b>Planned Actions</b>	2022: Evaluate technical/economic offers of electricity suppliers 2023: Replacement of 60% of the electricity used with electricity from renewable sources 2024: Replacement of 70% of the electricity used with electricity from renewable sources
<b>Main Environmental Aspect</b>	Matter -Emissions
<b>Datum Indicator</b>	Indicator relating to electricity consumption in relation to the number of hours worked
<b>Responsible for Implementation</b>	Head of Management
<b>Final goal</b>	Replacement of 70% of electricity



State	
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OBJECTIVE N°2	
Establish a division dedicated to EU Ecolabel certified cleaning services.	
Planned Actions	2022: Start the EU Ecolabel certification process of your cleaning service (ENAV) according to DECISION (EU) 2018/680, by submitting the application for certification to ISPRA 2023: conclusion of the process with the achievement of the EU Ecolabel certificate 2024: Maintenance of the EU Ecolabel certificate
Main Environmental Aspect	Matter – Waste – Emissions
Datum Indicator	EU Ecolabel certificate of the ENAV service/cleaning services provided
Responsible for Implementation	Head of Management
Final goal	EU Ecolabel certificate of the ENAV service
State	

## i nostri contatti

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## UPDATE AND VALIDATION

In accordance with EMAS Regulation EC 1221/2009 (as amended by EU Reg. 1505/2017 and EU Reg. 2026/2018) **COPERNICO** undertakes to draw up the next Environmental Declaration within three years from the issuance of the first validation. It also undertakes to update the data and information contained in this declaration annually and to submit them to the Environmental Verifier for validation.

It undertakes to make the environmental declaration public through certified emails and we will communicate the same to all interested parties and it will be managed in the form of a controlled copy.

Signature of the representative of the Organization

  
**COPERNICO SOCIETA'  
CONSORTILE PER AZIONI**  
Via Vittorio Emanuele Orlando, 75  
00185 Roma  
P.Iva e C.F. 14457361005

The accredited Environmental Verifier who has verified and validated the Environmental Declaration pursuant to the EMAS Regulation is:

### Environmental Statement Data

EMAS Registration Number	EL-V-009 (No. 549)
EMAS Registration Date	As per ANNEX E2 of Accreditation Certificate
Verifier Cyprus Certification Company	Hellenic Accreditation System (ESYD)
Data Registration EMAS	Stage 1 - 23/04/2021 & Stage 2 – 3-4/05/2021
Verifier	Cyprus Certification Company 30 Costas Anaxagoras Street, 4 <sup>th</sup> Floor, 2014 Strovolos Nicosia, Cyprus P.O. Box: 16197, 2086 Nicosia Cyprus



