

HOTEL BON SOL  
*Resort & Spa*  
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## **ENVIRONMENTAL STATEMENT**

**Jan - Dec 2021**

VERIFIED ENVIRONMENTAL MANAGEMENT - REGISTRATION "ES-IB-000018" -  
ACCORDING TO THE EUROPEAN REGULATION ON ECO-MANAGEMENT AND  
ECO-AUDITING (EMAS)



VALIDATED ENVIRONMENTAL INFORMATION  
(REGISTRATION ES-IB-000018)

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This declaration covers the period from 1/01/21 to 31/12/21. Likewise, it also contains the data related to the years 2019 and 2020, which have also been validated in it.

### 1.- ENVIRONMENTAL COMMITMENT OF HOTEL BON SOL

At Hotel Bon Sol we give special importance to personal treatment and customer service, trying at all times to satisfy your wishes and make your stay with us as pleasant as possible. Within these desires is increasingly present respect for the environment, therefore, the Bon Sol hotel expresses its desire and assumes the commitment to its customers, its collaborators and to society in general, to develop its activities continuously improving respect for the environment, taking that ecological attitude beyond the requirements of current environmental legislation, implementing appropriate preventive measures and thus contributing to the sustainable development of its environment.

### 2.- DESCRIPTION OF HOTEL BON SOL

The Hotel Bon Sol is a 4-star superior hotel, framed within the CNAE code 5510, which has 92 rooms and 180 beds, aimed at a high clientele segment. The Hotel Bon Sol has always been a family business, with a vocation to respect the environment. Since its creation in 1953, it has implemented within its modest possibilities systems that respected the environment as much as possible. As there was neither a waste collection service nor a sewage system, waste disposal was organized with a rudimentary system.

Food waste was transported every day to a neighbouring pig farm (the 'Possessió' of Bendinat Castle), and glass, metals, cardboard and paper were recycled. The wastewater was treated in a rudimentary treatment plant and used for irrigation. No waste water was ever discharged into the sea. For heating and hot water almond shell boilers were used, which is a renewable energy.

The Hotel Bon Sol is located in the southwest of the island of Mallorca in the residential area of the municipality of Illetas. The hotel facility is located on a hill next to the coast, adapting its construction perfectly to the topography of the land.

Geographical coordinates:  
39°32'26.0"N 2°35'33.3"E

The hotel has 92 rooms with bathroom, terrace, heating/air conditioning, minibar, safe, telephone, television and radio. In the building there is a restaurant, a covered garden for breakfast and spacious lounges. The establishment consists of the services of swimming pool, tennis court, mini-golf, gym, spa, physiotherapy and a playground, as well as a conference room for business meetings and seminars. Usually the Hotel is closed from November to March. Exceptionally, due to the circumstances, in 2021 we open from 01/06 to 31/10

Since March 2003, the establishment has the distinctive "Q" of quality, awarded by the Spanish Institute for Tourism Quality (ICTE)

### 3.- IMPLEMENTATION OF THE ENVIRONMENTAL MANAGEMENT SYSTEM

Following in the line of measures to achieve a hotel that respects the environment, at the end of 1998 the Hotel Bon Sol began the process of implementing an Environmental Management System (EMS) in accordance with Regulation EEC 1836/93 "Community Eco-management and Eco-audit System" (EMAS). During 2001 EMAS II (EEC Regulation 761/2001) came into force and replaced 1836/1993 and the organization was audited and verified according to EMAS II.

Regulation 1221/2009 (EMAS III) and EU Regulation 2018/2026 of 19 December 2018 are currently in force. The Hotel has been audited and verified under them.

The Environmental Management System (EMS) is a voluntary instrument that allows Hotel Bon Sol to manage its environmental performance based on three fundamental pillars: compliance with environmental regulations, continuous improvement and the involvement of all interested parties (workers, customers, public administration ...).

The scope of the EMS is "Hotel Accommodation Services"

The phases and elements of the Environmental Management System are documented in the hotel's EMS Manual, which serves as a permanent reference to the company's staff for the planning, implementation and maintenance of the EMS. In addition, the Manual indicates other key documents (procedures and records) that inform more in detail about the elements of the WMS in the hotel. Through annual internal audits, the hotel controls the application of the Environmental Policy and the effectiveness of the Environmental Management System.

The Director of Hotel Bon Sol is the head of the Environmental Management System. For an adequate development of the Environmental Policy, the director appoints a representative of the Directorate in environmental matters, who is responsible for the Environment and supported by the Environment Committee.

A review of the initial environmental analysis carried out in 2018 has been carried out, including the required adaptations:

- 1.- Determination of the organizational context in our environmental management system,
- 2.- Identification of stakeholders and their relevant needs and expectations,
- 3.- Consideration from a life cycle perspective when evaluating the importance of our environmental aspects, including indirect ones before goods and services reach the hotel; and the indirect ones once the hotel service ends.
- 4.- Determination of the risks and opportunities related to our EMS.

In the annual review of the system, dated March 2021, these aspects have also been included and the environmental analysis has been completely reviewed.

The sectoral guidelines for Tourism have been revised, which have been taken into consideration for the declaration (see annex 2).

Adequate training and awareness on environmental issues of all staff is essential in the process of implementation and maintenance of the Environmental Management System.

It is common for the management team to attend seminars and conferences, to update themselves on the progress in energy saving measures, as well as to exchange ideas and points of view with other colleagues in the environmental field.

During the 2021 were held the following s talks

Conference / Contents	Aimed at	Date	Taught by
Training course "Good practices and correct management of recycling"	All departments	October 2021	Get21
Fire drill – Practical training	All departments	August 20 21	Chiron Prevention
Fire drill – Theoretical training	All departments	October 20 21	Chiron Prevention

The environmental training plan is integrated into the general training plan of the Hotel Bonsol, which also includes training actions for the different aspects of the Hotel (quality, occupational risks, languages, etc.). In addition, regarding these actions, we proceed to carry out valuation surveys to the attendees, in such a way that we obtain valuable information to detect the environmental concerns of our staff, and thus be able to improve the actions undertaken.

#### 4.- ENVIRONMENTAL POLICY OF HOTEL BON SOL

To actively disseminate the environmental commitment, the Environmental Policy of Hotel Bonsol is sent to suppliers and subcontractors and is available to customers at the Hotel Reception. It is also available, together with this statement, on our website [www.hotelbonsol.es](http://www.hotelbonsol.es)

All new staff are given a welcome manual where our environmental concerns are explained and good practice guides are incorporated.

#### Policy Text

"The Bonsol Hotel expresses its desire and assumes the commitment towards its customers, its collaborators and towards society in general to develop its activities continuously improving respect for the environment, taking this ecological attitude beyond the requirements of current environmental legislation, implementing the appropriate preventive measures and thus contributing to the sustainable development of its environment.

To this end, it shall act on the basis of the following environmental principles:

Taking the necessary action, control and correction measures to know how to prevent and progressively reduce the impact of the company's activities on the environment.

In accordance with the principle of continuous improvement, go beyond strict compliance with current legal regulations on environmental matters.

Promote the training and environmental information of those involved in the management and operation of the facilities of the Bonsol hotel, linking appropriate programs so that respect for the environment is an essential element in the development of the company's activities.

Apply, as far as possible, the technical improvements available to minimize polluting emissions and discharges, ensure the correct management of waste, reduce the consumption of energy, water, materials and hazardous substances.

Promote internal and external environmental communication with transparency criteria, inform customers of the environmental protection measures taken and how they can collaborate.

Inform suppliers and subcontractors of the environmental criteria required by the Bonsol hotel, and incorporate environmental criteria in the products consumed.

Communicate our policy to those working on behalf of Hotel Bonsol.

Measure, review and correct compliance with the company's environmental principles to prevent accidents likely to affect the environment and thus ensure environmental protection as a tool for improvement and as a strategic factor for development.

Collaborate with the authorities in the establishment of emergency procedures in the event of accidents affecting the environment.

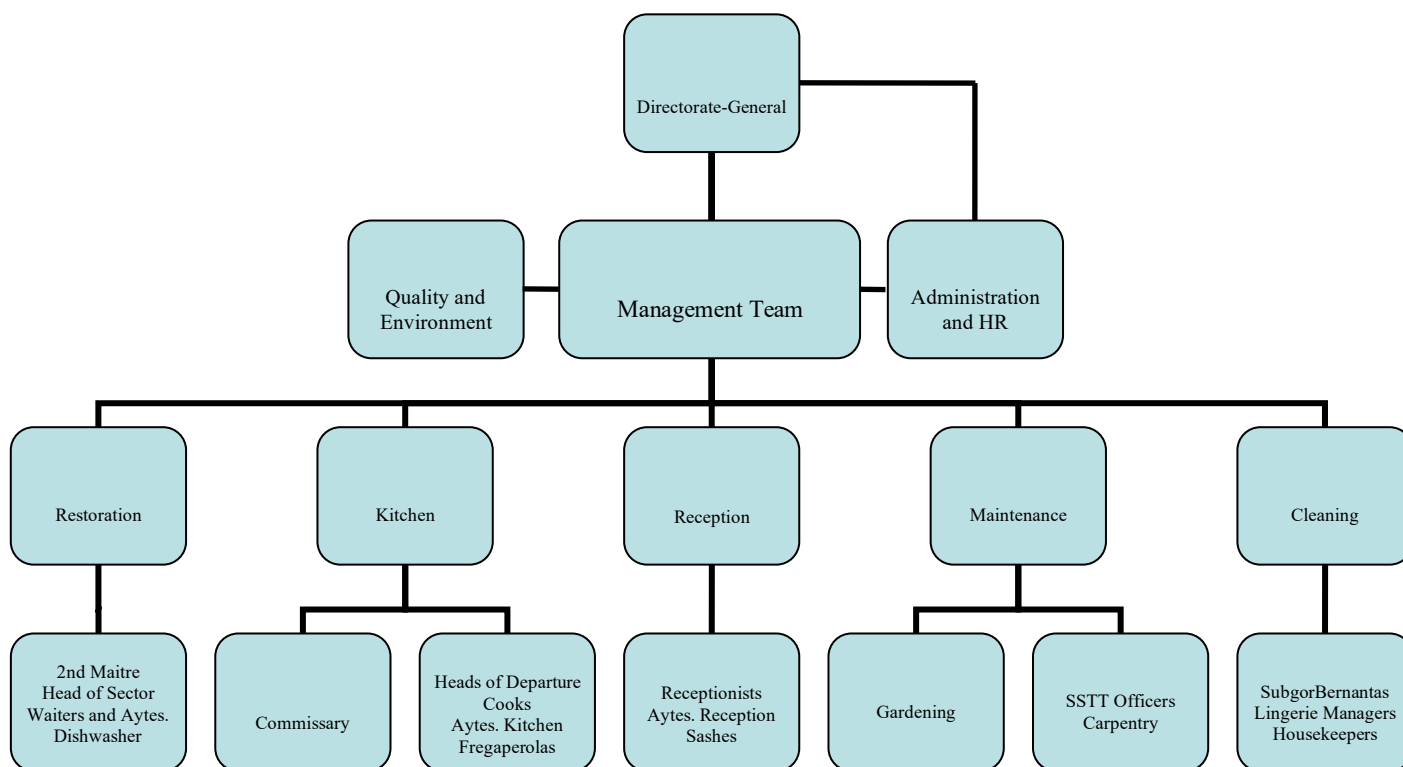
Contribute to curbing global warming, by offsetting the CO2 emitted directly and indirectly by the activity. To this end, it allocates economic resources to sustainable reforestation (200,000 trees)

November, 2019"

The management of the Bonsol hotel undertakes to periodically review this policy for its update

## 5.- ORGANIZATION CHART OF THE HOTEL BON SOL

The Hotel Bonsol is structured departmentally as follows:



The General Manager, Mr. Martin Xamena Toro, as the maximum responsible for the management and maintenance of the EMS, delegates to Mr. Alejo Truyols, as Head of Environment and Quality, the representation of the Management in environmental matters.

The Environmental Committee, in turn, is completed with the following people:

Ms. LorraineXamena(Deputy Director)

Mr. Alejandro Xamena(Commercial Management)

Ms. Ana Gomis(Administrative)

## 6.- ENVIRONMENTAL OBJECTIVES AND GOALS

### 6.1. Program

The Environmental Program describes the objectives and goals set by the Hotel Bon Sol, indicating those responsible for its execution and the expected date of compliance as well as an estimate of the economic cost.

The Hotel Bon Sol carries out a quarterly monitoring of the Environmental Program to evaluate the degree of achievement of the objectives and goals. For the year 2021the hotel had planned this program of actions and objectives

ACTION1		
Conducting an environmental satisfaction survey to customers to know how our communication to them works		
Execution time: COMPLETED	Responsible: Reception	Estimated cost: 0 euros

Feedback	MARKED OBJECTIVE	RESULT OBTAINED
	Index of 1.85	1,67

ACTION2		
Install online check-in system for customers, which can be done prior to entry as in the establishment itself. VALID ONLY FOR LIVE		
Execution time: COMPLETED	Responsible: Civitfun / Timon	Estimated cost: 2,000 euros
Feedback	MARKED OBJECTIVE	RESULT OBTAINED
The system has been installed, but we have not put it into circulation due to technical problems.	Reduce paper consumption by 3500 sheets (we assume that 50% of Direct Sheets will do so)	Not applicable

ACTION3		
Environmental posts on Facebook channel and new environmental space on refurbished website, in order to improve communication and increase scores in subsequent surveys		
Deadline: February 2022	Responsible: Ticode	Estimated cost: 1,500 euros
Feedback	MARKED OBJECTIVE	RESULT OBTAINED
They have been published, but not with the desired regularity	Index of 1.85 + Increase the number of communications received by 20%	1.67 and we have not increased communications

ACTION4		
Questionnaires and training records that affect our employees will be made using Microsoft Forms		
Execution time: COMPLETED	Responsible: A.Truyols	Estimated cost: 600 euros / year
Feedback	MARKED OBJECTIVE	RESULT OBTAINED
The action has been carried out, but due to the few and atypical months of opening, we have hardly had to make use of the implemented tool.	Reduce paper consumption by 5%	No comparison possible

ACTION5		
The welcome manuals for new employees, as well as the delivery of documentation, will be done electronically		
Execution time: COMPLETED	Responsible: A.Truyols	Estimated cost: 0
Feedback	MARKED OBJECTIVE	RESULT OBTAINED

The action has been carried out, but due to the few and atypical months of opening, we have hardly had to make use of the implemented tool.	Reduce paper consumption by 200 sheets	No comparison possible
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ACTION6		
Installation of 4 electric vehicle charging points		
Execution deadline: December 2022	Responsible: F.Marimón	Estimated cost: 6,600 euros
Feedback	MARKED OBJECTIVE	RESULT OBTAINED
It could not be done because a permit was pending.	Encourage the use of electric cars. 2 recharges per day on average during the season	

ACTION7		
Installation of photovoltaic panels (13 panels of 400 Wp). Estimated production 28,160 kWh		
Execution deadline: December 2022	Responsible: F.Marimon	Estimated cost: 21,570 euros
Feedback	MARKED OBJECTIVE	RESULT OBTAINED
It could not be done because a permit was pending.	Use of 10,000 kWh per year, rest injected into the grid or consumed by cars (improvement by 0.8%)	

ACTION8		
Replacement of the air conditioning of conference rooms and annexes with more efficient equipment		
Execution deadline: December 2022	Responsible: F.Marimon	Estimated cost: 22,050 euros
Feedback	MARKED OBJECTIVE	RESULT OBTAINED
It could not be done because a permit was pending.	Reduce CO2 emissions by 2621 Kg. (3%)	
	Reduction of electricity consumption by 4,883 KWh (0.6%)	

ACTION 9		
Replace some chemicals with concentrated dispensers		
Execution deadline: September 2021	Responsible: A. Truyols / Kelko	Estimated cost: free dispensers
Feedback	MARKED OBJECTIVE	RESULT OBTAINED
NOT REALIZED. We have done several tests and they have not convinced us.	Reduce waste generation. By 10%	

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## 6.2. Objectives and targets set for the year 2022

ACTION 1			
Digitize the complete questionnaires that we leave in the rooms			
Deadline: Summer 2022		Responsible: A.Truyols	Estimated cost: 500 euros
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		Increase the channels for receiving comments and complaints from customers and facilitate customer completion	
		Continue to decrease paper consumption, an additional 1%	

ACTION 2			
Communications to employees via whatsapp, establishing departmental groups			
Deadline: <b>April 2022</b>		Responsible: <b>A.Truyols</b>	Estimated cost:
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		<b>Continue to reduce paper consumption. Additional 1%</b>	

ACTION 3			
Participate in the UNESCO sustainability programme			
Deadline: <b>2022</b>		Responsible: <b>A.Truyols</b>	Estimated cost:
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		<b>Support sustainability projects as part of our environmental ideology</b>	

ACTION 4			
Make use of sneakers for greener customers			
Execution deadline: <b>June 2022</b>		Responsible: <b>A.Truyols</b>	Estimated cost: <b>Increase 1 euro / pair</b>
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		<b>Eliminate the use of non-organic products</b>	


ACTION 5			
Use of cleaning products in diluted rooms			
Deadline: <b>April 2022</b>		Responsible: <b>A.Truyols</b>	Estimated cost: <b>No increase</b>
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		<b>Continue to decrease packaging consumption, an additional 1%</b>	

ACTION 6			
Replace laundry bleach (highly harmful to the environment) with a less harmful one (hydrogen peroxide)			
Execution deadline: <b>August 2022</b>		Responsible: <b>Kelko</b>	Estimated cost: -
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		<b>Eliminate the use of environmentally hazardous products (1 per year)</b>	

ACTION 7			
Installation of 4 electric vehicle charging points			
Execution deadline: December 2022		Responsible: F.Marimón	Estimated cost: 6,600 euros
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		Encourage the use of electric cars. 2 recharges per day on average during the season	

ACTION 8			
Installation of photovoltaic panels (13 panels of 400 Wp). Estimated production 28,160 kWh			
Execution deadline: December 2022		Responsible: F.Marimon	Estimated cost: 21,570 euros
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		Use of 10,000 kWh per year, rest injected into the grid or consumed by cars (improvement by 0.8%)	

ACTION 9			
Replacement of the air conditioning of conference rooms and annexes with more efficient equipment			

Execution deadline: December 2022		Responsible: F.Marimon	Estimated cost: 22,050 euros
MONITORING, IMPLEMENTATION RATES		MARKED OBJECTIVE	RESULT OBTAINED
		Reduce CO2 emissions by 2621 Kg. (3%)	
		Reduction of electricity consumption by 4,883 KWh (0.6%)	

## 7.- ENVIRONMENTAL ASPECTS

The Hotel Bon Sol identifies the environmental aspects that derive from the activities and services of the hotel and on which it has influence. Environmental aspects are evaluated under normal operating conditions, abnormal incidents, and possible emergency situations to determine whether their impact on the environment is significant, and the life cycle of the product is taken into account.

Each department receives a copy of its environmental aspects, for more information.

### 7.1. Endpoints

To carry out the assessment of the aspects, each of them has been valued according to the following criteria:

C1Side effects and Toxicity

C2Receiving Medium

C3Frequency

C4 Legislation

C5 Magnitude

C6Opportunity for improvement

Each one has a scale that ranges from 1 to 20 and its significance is given by the following formula

Significance:  $C1+C2+C3+C4+C5+C6 \geq 40$  is significant

In addition, we consider the following points:

- If a criterion indicates N/A, the aspect score is multiplied by the coefficient 1.50.
- The worst possibility of each environmental aspect will be evaluated; In case of doubt the highest score will be applied
- All emergency situations are considered significant, and the species affectation aspect is considered significant.

Table of evaluation criteria

	Air emissions	Wastewater discharge	Waste generation	Use of water / energy / materials and substances (1)	Noise/light pollution	Score awarded
Toxicity (C1)	Dust or emissions derived from the use of diesel boilers, fuel. Diesel/petrol combustion processes	Discharge with high pollutant load and/or presence of heavy metals	Dangerous / that may lead to contamination	Diesel / fuel oil Propane and butane / hazardous products / well water / electric power	Existence of written complaints about noise (noticeable outside)	20
	Use of natural gas	Discharge with medium pollutant load without the presence of heavy metals	Non-dangerous / Inert / banal / assimilable to urban / home	Natural gas, paper and mains water	Existence of complaints but not in writing	10
	Emission H <sub>2</sub> O (vapour)	Unladen discharge, discharge of cooling and sanitary water.	N/A	Cogeneration/ Treated Water	There have never been any complaints.	1
Receiving medium (C2)	Atmosphere of high environmental quality and/or particularly vulnerable	A public waterway/coast of high environmental quality and/or vulnerability	Storage/incineration	N/A	Urban, agricultural or expressly regulated by legislation (natural area)	20
	Medium environmental quality and/or moderately vulnerable atmosphere	A public waterway/coast of medium environmental quality and/or vulnerability	Management (Recovery, Recycling or Reuse)	N/A	Area with isolated houses	10
	Polluted or degraded atmosphere	Municipal collector or septic tank (with authorization)	N/A	N/A	Industrial zone	1
Frequency (C3)	More than 75% of the activity development time					20
	Between 25% and 75% of the development time of the activity					10
	Less than 25% of the activity development time					1
Legislation (C4)	there is no legislation, or it is enforced					1
	Failure to comply with legislation					20
Magnitude (C5)	Degree of importance within the activity of the company: HIGH					20
	Degree of importance within the activity of the company: MEDIUM					10

	Degree of importance within the activity of the company: LOW	1
Opportunities for improvement (C6)	There are opportunities for improvement and they are accessible to the company	x 1
	Minimal opportunities for improvement, or little accessible by the company	x 0.5

Below are the environmental aspects evaluated that have been significant, both direct (D) and indirect (I), as well as their environmental impact:

Actividad	Aspecto ambiental	Impacto ambiental						Cond. USO	DIRECTO / INDIRECTO	Significancia							
		Emisiones atmosféricas	Vertidos aguas	Gestión residuos	Contaminar suelo	Consumo HP y recursos nat.	Ruido, vibración, olor, luz, visual			Normal / Anormal / Emergencia	Tacticidad	Medio Receptor	Frecuencia	Legislación	Magnitud	Oportunidad de Mejora	
Columna1	Columna2	IA 1	IA 2	IA 3	IA 4	IA 5	IA 6	Columna3	Columna4	C1	C2	C3	C4	C5	C6	SUMA	Clasificación
Extinción de incendios	EMISIONES DE GASES DE EXTINCIÓN DE INCENDIOS	X						E	D							0	SI
Extinción de incendios	GENERACIÓN DE AGUAS RESIDUALES CONTAMINADAS		X					X	E	D						0	SI
Transporte, almacenamiento y manipulación de sustancias peligrosas empresas externas	VERTIDOS PRODUCTOS PELIGROSOS		X		X			X	E	I						0	SI
Transporte, almacenamiento y manipulación de sustancias peligrosas	VERTIDOS PRODUCTOS PELIGROSOS		X		X			X	E	D						0	SI
Agua sanitaria / Limpieza de habitaciones / Lavandería interna	CONSUMO DE AGUA					X		N	D	10	0	10	1	20	1	41	SI
Prestación del Servicio de Alojamiento y Restauración	CONSUMO DE ELECTRICIDAD	X				X		N	D	20	0	20	1	20	1	61	SI

The environmental aspects are those detailed in the table above

## 7.2. Energy consumption

For the purposes of the ratios that appear during the following points, the stays of this 2021 have been 8,952

The following table details the main services offered by the hotel that involve energy consumption:

Service	Feature
Heating common areas	Fan Coils
Room heating	Fan Coils
Air Conditioning common areas	Fan Coils
Air Conditioning Rooms	Fan Coils
Domestic hot water	Centralized, gas boilers
Outdoor swimming pool	Heated with heat recovery, solar energy and cogeneration

Next, the following table shows the list of energy sources that the establishment has to cover the demand associated with the uses detailed above:

Fountain	Characteristics	Uses
Electricity	Three-phase 380 / 220 V	Air conditioning, water pumping, lighting, cold rooms, office automation, ... etc.
Natural gas	Channeled	Hot water, heating, kitchen and laundry
Gas – oil	1 tank of 2,000 l (secondary use)	Emergency
Solar energy	58 m2	Outdoor pool – ACS
Heat recovery		Outdoor pool – ACS
Automotive fuel		Company vehicles

The following table details the average energy consumption of our establishment:

Power source	kWh per stay 2016	kWh per stay 2017	kWh per stay 2018	kWh per stay 2019	kWh per stay 2020 (*)	kWh per stay 2021 (**)
<b>Electricity</b>	20,00	25,41	24,08	25,33	151.62	41,93
<b>Annual change</b>	-5,93%	27,05%	-5,23%	5,21%	-	-
Natural gas (kitchen and laundry)	11,59	14,27	13,35	14,34	72.90	5,69
<b>Annual change</b>	2,51%	23,07%	-6,43%	7,39%	-	-
Natural gas (boiler room)	16,04	26,95	26,87	23,86	231.10	26,01
<b>Annual change</b>	1,66%	68,02%	-0,26%	-11,22%	-	-

*Source: Internal records for tracking and billing of utility receipts*

*Stay: person per day is understood*

*(\*) Hotel closed due to the Covid health crisis, open from 10/02/20 to 17/03/20*

*(\*\*) Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions*

Given the situation experienced in 2021, we cannot compare the results obtained with another year.

### 7.3. Renewable energies

Solar energy is used for the production of domestic hot water and pool heating. The first solar panels were installed in 1968 with the 'Tec-Sol' system, in 1985 they were changed by new panels and in 2001 by more efficient panels.

We currently have 23 solar panels, forming a useful area of approx. 58 m<sup>2</sup>, with an approximate power of 2 kWh / plate.

It is estimated that our plates produce approximately an annual useful energy of 40,050 kWh (energy calculation using the f-chart method)

It allows us to reduce the consumption of other types of non-renewable energy.

Thanks to the use of the heat from the cooling of the cold rooms and freezer for the heating of the pool, it has been possible to derive solar energy for its greater use in DHW

### 7.4. Energy saving

All ceilings and exterior walls of the hotel are insulated with double partition and polystyrene or rock wool insulation.

Most of the windows have double glazing of the climalit type, and in the last renovated rooms the 'climalit' and 'heatmirror' glass system has been used, which blocks infrared radiation by 80% and ultraviolet by 98%.

We have energy-saving light bulbs in most of our establishment. Incandescence is only used in bedside table lamps.

It is planned to change successively the remaining filament lamps, in addition to including LED technology

All rooms have a general off switch.

To optimize control over energy consumption, a computer program for the management and control of energy and machinery of the hotel was installed in June 2000.

In December 2002, an energy audit was carried out for a total optimization of energy resources.

At the end of 2003, the air conditioners in the rooms were connected to the ROBOT home automation system. They will be used during the summer to automatically disconnect part of the A.A. generators during the hours in which, normally, the clients are not in the rooms, and keep the water of the air at a less cold temperature, which allows only, to achieve a temperature that we call "stand-by".

During 2004 the boiler room was completely remodeled, piped gas and two new boilers have been installed that supply gas covering 90% of the demand.

We have cancelled the electrical resistors that heated the water of the washing machines, and we have placed gas boilers that supply the already hot water to them. We reach the desired temperature with fewer energy resources.

Motion-sensing lights have been placed in the bar's toilets.

We stop the Air Conditioning system in rooms when the clients of the Hotel are in the Restaurant, not affecting the quality of the client.

In 2011 a home automation module was installed that regulates the peaks of electricity consumption by making controlled stops of the air conditioning compressors maintaining the comfort of customers.

The TVs in the rooms were replaced by LED screens with lower power consumption

Since 2017, no energy efficiency action has been carried out

### 7.5. Air emissions

Emissions into the atmosphere are produced mainly by the operation of the boilers that cause emissions of carbon dioxide and monoxide and nitrogen oxides. Daily the personnel of the Maintenance Department controls the operation and temperature of the boilers. The preventive program, recently revised, guarantees the proper functioning of all our facilities, and prevents us from possible deficiencies that may have a negative impact on our environment and our customers.

We perform combustion analysis of boilers (following RITE instructions) that are in use (gas). An analysis dated 07/06/21 is presented

Limits			
Fuel type		Gas	
Boiler identifier		No. 3	No. 4
Analysis date		07/06/21	
CO <sub>2</sub> %		9	9,1
O <sub>2</sub> %		4,9	4,6
CO %	500	0	10
NO <sub>x</sub> ppm		49	25
NO ppm		47	23
Performance %		96,6	96,2
Opacity		-	-

Source: VALDECO (Valenciana de combustión) with RI 46/51501

To estimate the measurements of Kg. of CO<sub>2</sub> emitted into the atmosphere by our energy sources, we refer to the publications of the Ministry of Environment, as well as the spreadsheet that they have made available for the Carbon Footprint Registry.

[https://www.caib.es/sites/canviclimatic2/es/calculadora\\_de\\_petjada\\_de\\_carboni/](https://www.caib.es/sites/canviclimatic2/es/calculadora_de_petjada_de_carboni/)

Power source	CO <sub>2</sub> conversion factor Implemented in 2021
Electricity	0,49Kg CO <sub>2</sub> per kWh
Fuel vehicles - Gasoline	2,244Kg CO <sub>2</sub> per kWh
Fuel vehicles - Diesel	2,456Kg CO <sub>2</sub> per kWh
Natural gas	0,182 Kg CO <sub>2</sub> per kWh

With all this, the ratios calculated based on energy consumption in previous detailed tables, give us the following data

Power source	2016	2017	2018	2019	2020 (*)	2021 (**)
<b>Electricity</b>	629.876	588.931	605.148	577.890	75.975,74	185.073,68
Natural gas (kitchen and laundry)	96.155	89.176	87.287	85.319	13.571,63	9.327,34
Natural gas (boiler room)	133.021	168.425	175.720	141.981	43.022,93	42.652,30
<b>Fuel vehicles</b>	5.133	8.156	7.099	6.053	6.155,61	3.853,68
<b>TOTAL</b>	864.185 Kg. CO2	854.687 Kg. CO2	875.254 Kg. CO2	811.243 Kg. CO2	138.725,91 Kg. CO2	240.907 Kg. CO2

(\*) Hotel closed due to the health crisis Covid, open from 10/02/20 to 17/03/20

(\*\*) Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions

The establishment offsets the emissions of tons of CO2 from its direct activity, plus CO2 from its customers' flights, through 120 hectares of plantations.

We attach carbon footprint calculation scheme

	2017	2018	2019	2020 (*)	2021 (**)
Stays	31.004,00	32.323,00	24.419,00	1.016	8.952
Average number of days occupied per customer	7,00	7,00	6,79	2,09	3,26
Total people	4.429,14	4.617,57	3.596,32	486,12	2.746,01
Total Flights (round trip)	8.858,29	9.235,14	7.192,64	972,25	5.492,02

CO2 emitted by the Hotel (Tn)	865,68	875,25	811,24	138,72	240,91
CO2 flights (Tn)	1.771,66	1.847,03	1.208,36	163,34	922,66
<b>Total</b>	<b>2.637,34</b>	<b>2.722,28</b>	<b>2.019,60</b>	<b>302,06</b>	<b>1.163,57</b>

CO2 absorbed (120 ha)	-3.018,00	-3.018,00	-3.018,00	-3.018,00	-3.018,00
<b>CO2 balance</b>	<b>-380,66</b>	<b>-295,72</b>	<b>-998,40</b>	<b>-2.715,94</b>	<b>-1.854,43</b>

(\*) Hotel closed due to the health crisis Covid, open from 10/02/20 to 17/03/20

(\*\*) Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions

For the calculation of the amount of CO2 absorbed per hectare, the source has been

<http://www.ecobosques.com/Pdfs/Estudiocaptacion.pdf>

For the calculation of the CO2 emitted by air travel, a standard flight London – Mallorca has been considered, because more than 80% of our customers come from that country, and the source has been:

<http://www.icao.int/environmental-protection/CarbonOffset/Pages/default.aspx>

The following table shows the ratio of CO2 per kWh

Indicator	2016	2017	2018	2019	2020 (*)	2021 (**)
Kg. Co2 per kWh	0,44	0,41	0,42	0,43	0.28	0.31
variation	-4,39%	-6,65%	+1,98%	+3,11%	-	-

(\*) Hotel closed due to the Covid health crisis, open from 10/02/20 to 17/03/20

(\*\*) Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions

As for possible leaks of refrigerant gases, our preventive plan contributes to minimizing such risk. Temperatures are monitored daily and the equipment is periodically checked by a company that has the necessary equipment to recover gases and take them to a plant for safe destruction.

For greater control of the situation, possible gas loads are noted and the equipment with the type of gas used has been inventoried. Below we show the updated inventory:

Next, we reflect the gas loads distributed by type, expressed in Kg

	R134a	R422d	R404a	R438a	R449a	R410a	R407c
2016	31		19				
2017	10,5	15			8	2	
2018					19	1,4	
2019	10			11,8	20,7	0,86	
2020 (*)	4,5						
2021 (**)	9,7					0,5	0,3

(\*) Hotel closed due to the Covid health crisis, open from 10/02/20 to 17/03/20

(\*\*) Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions

Below is the detail of the loads made in 2021

Gas	PCA	Quantity (Kg)	Tn CO2	Reference	Details
R134a	1430	6	13,87	Fish chamber kitchen	Boiler safety valve replacement
		2,9		Kitchen meat chamber	Replacement of low compressor hose
		0,8		Undercounter breakfast kitchen	Replacement of broken compressor
R407c	1744	0,3	0,53	Air conditioning Room 408	Realization of new flaring in tube 3/8
R410a	2088	0,5	1,04	Air conditioning Room 409	Realization of new flaring in tube 3/8

Check guidelines are followed to minimize leaks.

For the calculation of CO2 emissions into the atmosphere, refrigerant gas leaks are considered, applying the GWPs established in [https://www.caib.es/sites/canviclimatic2/es/calculadora\\_de\\_petjada\\_de\\_carboni/](https://www.caib.es/sites/canviclimatic2/es/calculadora_de_petjada_de_carboni/)

	2016	2017	2018	2019	2020 (*)	2021 (**)
<b>Tn. CO2 Refrigerant Gases</b>	121,6	68,90	29,47	71,73	6,435	15,45

(\*) Hotel closed due to the Covid health crisis, open from 10/02/20 to 17/03/20

(\*\*) Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions

The following table shows the breakdown of total air emissions from all energy sources for each year of the declaration. The conversion factors come from the Ministry of Environment

Source: <http://www.caib.es/sites/atmosfera/f/389308>

Year 2021

Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions

	Kwh / (Kg)	GJ	Equiv. SO2	Equiv. Nox	Equiv. PST	grams SO2	Grams Nox	Grams PM	Gr. CH4	Gr. N2O
Electricity	375.403		0,3313	0,8975	0,0343	124.371,01	336.924,19	12.876,32	0,00	0,00
Gas (Kitchen + Laundry)	50.924	183,33	0,0000	38,0000	0,2000	0,00	6.966,37	36,67	0,00	0,00
Gas (Boiler Room)	232.866	838,32	0,0000	38,0000	0,2000	0,00	31.856,00	167,66	0,00	0,00
Fuel (kg) Gasoline	189		0,0150	8,7300	0,0300	2,84	1.652,81	5,68	59,36	6,11
Fuel (kg) Diesel	1.111		0,0150	8,7300	0,0300	16,67	9.702,18	33,34	11,84	99,96
<b>TOTALS (Kg)</b>						124,39	387,10	13,12	0.0712	0,106

## 7.6. Water consumption and discharge

The hotel consumes water from the municipal supply network. Several controls of water consumption and quality are carried out at different points of the hotel and the kitchen (drinking water). Part of the water goes through an osmosis process so that it is consumed in points where the purity of the water is of great importance (coffee makers, washing tunnel ... etc) Employees are also encouraged to implement water-saving measures. The hotel's wastewater is comparable to domestic water and is discharged into the sewer.

We want to maintain a systematic control system to maintain optimal water quality, as reflected in the following table:

Control	Periodicity	Responsible
Water consumption	Everyday	Maintenance
Water quality at points of consumption	Daily (1)	Maintenance
	Monthly	Bio-vet
Mains water quality (furthest point from the network)	Everyday	Maintenance
Osmosis water quality	Monthly	Bio-Vet
Legionella control	Monthly	Bio-vet
Wastewater quality	Annual	Bio-vet

(1) All consumption points are analyzed on a rotating basis

Table of water consumption:

	2016	2017	2018	2019	2020 (*)	2021 (***)
m3 stay	0.43 (**)	0,63	0,60	0.37 (**)	0.00 (**)	0,54
Annual change	-	-	-3,83%	-	-	-

Source water consumption: daily meter reading

(\*) Hotel closed due to the health crisis Covid, open from 10/02/20 to 17/03/20

(\*\*) Data lower than actual consumption due to water meter breakages

(\*\*\*) Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions

All in all, and it is an atypical year and a few months of opening, the ratio of water consumption per stay has been within reason, all and it is difficult to compare it and conclude the causes of that improvement.

Faecal wastewater goes directly to the sewer system, and from there to Purification, not discharging any product that could be toxic or corrosive to sewer network handlers and purification facilities.

Currently there is an ordinance in the municipality of Calvià that regulates the characterization of discharge into the sewer. In case of not regulating any parameter, the one of the Hydrological Plan of the Balearic Islands is taken.

The latest analyzes carried out by Biovet, are on 08/10/2021 showed the following results:

	BOD5	COD	Solids	pH	Fats	Non-biodegradable detergents	Conductivity
Fecal (garage)	192 mg/l O <sub>2</sub>	573mg/l O <sub>2</sub>	35 mg/l	6,97	16mg/l	0.25	1492uS/cm

Fecal (laundry)	271mg/l O <sub>2</sub>	719mg/l O <sub>2</sub>	317mg/l	8,47	90mg/l	0.04	1925uS/cm
Max. Ordinance Calvia Level	750 mg/l O <sub>2</sub>	1500 mg/l O <sub>2</sub>	400 mg/l	6 - 9	150 mg/l	10 mg/l	3000 uS/cm

### 7.7. Water saving

In the kitchen, pressurized water is used both to rinse the utensils and to clean the surfaces, to reduce water consumption.

The shower areas and changing rooms have the water saving system in the "artichokes"

The irrigation of the green areas is carried out during the night, in the hours of less evaporation of the water.

The urinals of the bar's toilets have a motion sensor discharge system installed.

We have installed a Spectank pot cleaning system, which saves water and detergent.

The toilets in the rooms have saving aerators.

### 7.8. Waste management

As a result of the hotel activity, different types of waste are generated and collected selectively. Banal waste, batteries, glass, paper and cardboard, containers with the green dot are deposited in separate containers and delivered to the municipal collection service Calvià 2000. All the aerosols we use have the green dot, so they are managed by Calvià 2000 as packaging. Fluorescents, used vegetable oil, batteries ... They are delivered to authorized managers for their correct treatment. The packaging of products that may contain traces of hazardous substances are returned to the companies supplying these products.

We dedicate part of the effort to control that the waste that other companies (subcontractors) generate as a result of their activity in our hotel, are managed correctly.

If other waste is generated, the Environment Manager is responsible for calling the most appropriate manager for its removal.

We separate organic matter at source for selective collection by Calvia 2000.

This table describes the companies with which Hotel Bonsol currently manages each of the main wastes:

Residue	Management Company
Used vegetable oil	Environmental Actions Europe (*)
Ni-Cd accumulators	ECOPILA / SRCL ConsenurS.L
Air conditioning	Ecotic
Asbestos	Adalmo
Electronic devices	Ecotic
Lead Batteries	Adalmo
Cardboard	Calvia 2000
Ionic smoke detectors	MeresisGestion S.L.
Packaging with hazardous waste residues	Kelko chemistry
Packaging with hazardous waste residues	Pedrosa
Packaging with hazardous waste residues	Puig Soaps
Packaging with hazardous waste residues	Miguel Ramis

Containers with hazardous waste residues (METALLIC)	Adalmo
Containers with hazardous waste residues (PLASTICS)	Adalmo
Non-hazardous packaging	Calvia 2000
Rubble	Mac Island
Fluorescent and Mercury-Containing Lamps	Ambilamp / SRCL Consenur
Refrigerators	Ecotic
Refrigerant gases	Technifrio
Hydrocarbons	Adalmo
Large printers	Ecotic
Washing machines, dishwashers, dryers	Ecotic
Confidential paper (LOPD)	Eliminates
Oil radiators	Ecotic
Exchange residues	HidroIlles
Paint Residues	M30 Green
E-waste	Ecotic
Thermos	Ecotic
Toners and Ink Cartridges	Calvia 2000
TV and LED screens	Ecotic
Glass	Calvia 2000

(\*) It acts as a transport company (NIMA 0700008084), being the final destination the company Biocom Energía, for the production of biodiesel, located in Valencia (waste manager NIMA 46999999999)

The amounts of waste generated annually are reflected below

Type of waste	Computation	2016	2017	2018	2019	2020 (*)	2021 (***)
<b>Banal Residues</b>	Tons (estimated)			48,15	48,38	1,5	15,75
Organic		12,25	11,75	11	10,75	0,5	1,65
Cardboard		9,25	5,95	5,30	5,15	0,400	5,62
Glass		10,50	7,75	7,75	5,75	0,250	5,20
Containers		2,61	3,23	3,24	2,56	0,100	2,02
Used vegetable oil (**)	Tons	0,966	1,15	1,50	1,06	0	0,41
Fluorescent	Tons	0,053	0,032	0,024	0,024	0,020	0,03
E-waste	Tons	0,00	0,00	0,003	0,025	0,078	4,54
Lead-acid batteries	Tons	0	0,09	0,00	0	0	0
Batteries	Tons.	0,039	0,025	0,032	0,0130	0,010	0,004
Hazardous packaging	Tons	0,0475	0,017	0,005	0	0	0,021

Type of waste	Computation	2016	2017	2018	2019	2020 (*)	2021 (**)
Construction and demolition waste	Tons	326,48	17,42	92,20	74,70	27,50	11,16
Rest of Bulky	Tons	0	0	1,64	7,68	2,194	0,32
CFC-free ELB	Tons	-	-	-	0,07	0.00	0,00
ELB with CFCs	Tons	-	-	-	0,21	0.026	0,00
ELM	Tons	-	-	-	0,01	0.00	0,00
Paper with destroyed data	Tons	0,45	0,34	0,93	0,45	0.0	0.53
Ionic smoke detectors	Tons	-	-	-	0,00048	0,00	0.0
Asbestos	Tons	0,44	0	0	0,96	0.00	0.00

Source: Internal records for tracking and billing of utility receipts

Estimated data

(1) Banal waste container = 75 Kg.

(2) Organic container = 25 Kg.

(3) Cardboard bale = 15 Kg

(4) Glass container = 1000 kg.

(5) Containeramarilo = 90 kg.

(\*\*) The density of the oil (0.92) has been used to convert it to Tons.

(\*) Hotel closed due to the health crisisCovid, open from 10/02/20 to 17/03/20

(\*\*) Hotel partially open 01/06/21 to 31/10/21 with Covid restrictions

## 7.9. Consumption of products and substances

A wide variety of products and substances are used daily in the hotel, some of which are considered dangerous, since they are likely to cause damage to health or the environment. Employees who handle hazardous substances are aware of and have at their disposal the safety data sheets of the corresponding products, which are constantly updated by the Environmental Manager.

The hotel continues to work on the line of reducing or replacing certain products. For example, paper is reused to the maximum (obsolete menu sheets, brochures, photocopies on one side, etc.) and lately digitizing a lot of documentation to reduce the use of paper (**ONLINE** checks, digital internal records ...)

In washing machines and dishwashers, detergent dispensers are used to optimize the consumption of these products. Some aerosol products have been replaced by others of the same quality in sprayers.

Some product comes in concentrated doses for dissolution and thus reduce packaging. It is intended to increase the number of products concentrated in future seasons.

Consumption data can be found in Annex 1 "Basic Scoreboard"

## 7.10. Interior and exterior noise

In 2001, noise measurements were carried out outside the hotel and at different points of the interior enclosure (reception, cafeteria, rooms, kitchen, commissary, laundry, boiler room).

Despite complying with the current ordinance, during 2009 improvements were made to the bar, insulating the roof in order to reduce noise levels, and improve the quality of customers in the rooms located above.

During the year 2018 we have carried out a new sound measurement, in order to continue ensuring compliance with the changes in the municipal ordinance in this regard.

Reading place	Daytime reading	Evening reading	Night reading	Daytime Maximum	Evening Maximum	Maximum Night
---------------	-----------------	-----------------	---------------	-----------------	-----------------	---------------

		8 – 20 hrs	20 – 24 hrs	24 – 8 hrs			
Interior room	406	<30	<30	<30	35	35	30
Interior noble area	Reception	38,5	42,7	<30	45	45	45
Exterior on terrace Bar		33,1	49,7	<30	60	60	50
Exterior in front of main door		37,2	41,5	<30	60	60	50
Exterior front garage		38,1	40,2	<30	60	60	50
Interior of the Bar, 1m. from the musical performance		58,2			65		

Sound level meter used: Dr. Meter MS10 (1507308)

Units in dB, and reference values according to Calvia Municipal Ordinance

#### 7.11. Incidents, accidents and emergency situations

The hotel has an "Emergency Plan" that is known to all staff and put into practice in annual drills, having carried out a drill in October, with a satisfactory result.

In compliance with Decree 8/2004 of January 23, Hotel BonSol has registered the Self-Protection Plan (RGPA-035-06)

The hotel has also drawn up specific instructions in the event of fire, gas leakage and accidental spillage of hazardous substances that provide for the competent authorities to be notified in the event of an emergency situation.

#### 7.12. Environmental performance in accordance with new legal requirements (see Annex 3)

The establishment is adapting to the legislative changes that are taking place, trying to minimize processing times, so that compliance is as fast as possible.

We have adapted to the requirements arising during 2021.

#### Annex 1: Core Scoreboard

Below is the basic scoreboard with data for the year 2021

INDICADORES BÁSICOS				
		Cons. TOTAL	Ratio / estancia	Ratio / trabajador
Eficiencia energética				
Consumo TOTAL Energía	MWh	660,940	0,074	28,737
Consumo TOTAL Renovable		4,050	4,52E-04	0,176
Agua				
Consumo TOTAL Agua	m3	4.826,000	0,539	209,826
Residuos				
TOTAL anual residuos	tonelada	47,274	0,005	2,055
TOTAL anual resid. PELIGROSOS		0,057	6,37E-06	0,002
Biodiversidad				
Uso total del suelo	m2	4.012,000	0,448	174,435
Superficie total sellada		3.273,000	0,366	142,304
Sup. Total en centro según naturaleza		739,000	0,083	32,130
Sup. Total fuera según naturaleza		0,000	0,000	0,000
CO2 electricidad	tonelada	185,074	0,021	8,047
CO2 Gas		57,406	0,006	2,496
CO2 Combustible vehiculos		0,425	4,75E-05	0,018
CO2 gases refrigeración		15,447	0,002	0,672
CO2 TOTAL		258,352	0,029	11,233
Emisiones anuales total aire				
SO2	kg	124,391	0,014	5,408
Nox		387,102	0,043	16,831
PM		13,120	0,001	0,570
CH4		0,071	7,95E-06	0,003
N2O		0,106	1,18E-05	0,005
TOTAL		524,612	0,059	22,809

Eficiencia consumo materiales (en toneladas)			
Consumo de papel	0,343	3,83E-05	0,015
<b>Consumos de productos químicos (en toneladas)</b>			
<b>LAVANDERIA</b>			
Totales	0,281	0,012	0,012
<b>PISCINA</b>			
Antialgas	0,00E +00	0,00E +00	0,000
Hipoclorito	0,025	0,001	0,001
Cloro pastillas	0,236	0,010	0,010
Bromo	0,120	0,005	0,005
pH -	0,315	0,014	0,014
pH +	0,003	0,000	0,000
<b>HABITACIONES</b>			
Amoniaco	0,194	0,008	0,008
Limpiacristales	0,045	0,002	0,002
Antical	0,000	0,000	0,000
Desincrustante	0,044	0,002	0,002
Limpiador Baño	0,164	0,007	0,007
Limpiasuelos	0,069	0,003	0,003
Lavavajillas	0,073	0,003	0,003
Spray para mopa	0,024	0,001	0,001
Spray muebles	0,120	0,005	0,005
Salfumant	0,171	0,007	0,007
Limpiador con oxigeno	0,102	0,004	0,004
Lejia	0,122	0,005	0,005
<b>DESINFECCIÓN</b>			
Lejia	0,115	0,005	0,005
Lavavajillas	1,008	0,044	0,044
CONSUMO MASICO TOTAL	3,574	0,155	0,155

## Annex 2: SRD Indicators

DRS indicator	DRS Data	Da Hotel Bonsol 2021 (*)
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Water consumption per stay	Less than or equal to 140 liters / stay	540 liters / stay (**)
Consumption of dishwashing chemicals (active ingredients)	Less than or equal to 10 grams / stay	11.13 grams / stay

(\*) Hotel partially open 01/06/21 to 31/10/21

### Annex 3: Applicable legal requirements

Concept		Registration	Validity until
General – Company activity	1. Activity and opening licenses	1992	Permanent
	2. Registration in the Register of Tourist Activities and Establishments	2000	Permanent

	3. Certificates of tourist places	11/08/2010	Permanent
	4. RC Insurance		08/2023
Water supply and discharge	1. Permit to connect to the sewerage network	N/A	
	2. Authorization of wastewater discharge (according to ordinance does not ask for it)	N/A	
	3. Analysis of wastewater according to Calvia Ordinance	10/2021	
Waste	1. Registration in the Register of Small Producers of Toxic and Hazardous Waste	PP-30 CAIB	Permanent
	2. Registered NIMA Code	0700000113	Permanent
	3. Waste acceptance documentation	YES	
	4. Communication Conselleria quantities produced waste	YES	
Noise and/or vibration	1. Noise measurements	22/08/18	
Low voltage electrical installation	1. OCA Hotel Inspection	11/2021	11/2026
	2. OCA Villas Inspection	01/2018	01/2023
Diesel tanks	1. High industry certificate foreign deposit	12/05/2014	
	2. External tank review every 10 years	05/14 to 05/24	
Boilers (DHW/Heating)	1. Commissioning authorization	2006	
	2. Maintenance contract with external company	YES	
	3. Combustion analysis	YES	
	4. Maintenance according to legionella regulations.	YES	
Domestic boilers laundry	1. Maintenance contract	YES	
	2. Certificate of inspection	16/10/2021	10/2022
Natural gas	1. Gas installation certificate (boilers + laundry)	2004	
	2. Gas installation review (every 5 years) - Redexis	10/2018	10/2023
Refrigeration / thermal inst.	1. RITE Maintenance Contract	YES	
	2. Quarterly RITE Certificates	YES	
	3. Legalization of refrigeration installation in industry	06/05/2015	
	4. Legalization of thermal installation in industry	17/06/2014	
	5. Legalization air conditioning installation	04/2021	
	6. Energy efficiency certificates	07/2020	
Elevators	1. Maintenance contract with external company	YES	
	2. Last inspection performed (every 2 years)	10/2021 07/2022	10/2023 07/2024
Own vehicles	1. ITV xxxxGBZ - Annual	28/01/22	1 year
	2. ITV COxxxxAV - Annual	21/12/21	1 year
	3. ITV IBxxxxCZ - Annual	28/10/21	1 year
	4. ITV xxxxGSW - Biannual	19/04/22	6 months
	5. ITV xxxxCGN - Annual	21/06/22	6 months
	6. ITV xxxxBDR - Annual	21/10/21	1 year
Pools	1. SILOE Communication	Data 2021	
	2. R.D 742/2013	Yes	
Fire protection systems	1. Installation HOTEL - OCA	14/09/2005	15/01/29
	2. Annual Fire Detection Maintenance Contract	COBASE	
	3. QUARTERLY contract for fire detection and lighting	-	Internal
	4. Annual fire detection review	28/03/2022	March 2023
	5. Quarterly Review of fire detection and lighting		internal
	6. Annual review fire extinguishers, hoses	09/2022	09/2023
	7. Quarterly Review of fire extinguishers, hoses and signage		internal
	8. Retimbrado fire extinguishers (every 5 years)	09/2022	09/2023
	9. Emergency lighting check	28/03/2022	March 2023
	10. Fire water system review	12/04/2021	12/04/2022
Emergency	1. Emergency plan	09/2018	09/2021
LOPD	1. Compliance with LOPD regulations	OK	Permanent
Architectural Barriers	1. Compliance with applicable law	Exemption 2008	
Refrigerant gases	1. Leak control log book	Yes	
	2. Updated list of refrigerant gases used	09/2019	Unchanged
	3. Certificates for maintenance companies	Yes	
	4. Annual Rev. <30Kg	Yes	
	5. Rev. Semester >30Kg	Yes	
Equipment calibration	1. Calibration log book	Yes	

#### Annex 4: Regulations applicable to legal requirements

- Ley Autonómica Llei 8/2012, de 19 de juliol del turisme de les Illes Balears
- BALEARIC ISLANDS, Law 7/2013, of 26 November
- STATE, Royal Legislative Decree 1/2001 approving the revised text of the Water Law

- STATE, Law 22/2011, of 28/07/2011, of WASTE and CONTAMINATED SOILS
- STATE, Royal Decree 833/1988, Approves the Regulation that develops Law 20/1986, Basic of Toxic and DANGEROUS WASTE
- STATE, Royal Decree 180/2015 regulating the transfer of waste within the state
- LOCAL, Municipal Ordinance on the Protection of the Environment against Noise and Vibration Pollution (April 5, 2014)
- STATE, Royal Decree 842/2002, BT - The Electrotechnical Regulation for LOW VOLTAGE, ITC-BT-05 is approved
- STATE, Royal Decree 1027/2007, approves the Regulation of Thermal Installations in Buildings (RITE)
- BALEARIC ISLANDS, Decree 57/2010, develop and complement various regulatory provisions established in Royal Decree 1027/2007, of July 20, which approves the Regulation of thermal installations in buildings (RITE)
- STATE - Royal Decree 1027/2007, approves the Regulation of Thermal Installations in Buildings (RITE), MODIFIED BY Royal Decree 238/2013, of 05/04/2013, Certain articles and technical instructions of the Regulation of Thermal Installations in Buildings, approved by Royal Decree 1027/2007, of July 20, are modified. (BOE nº 89, of 13/04/2013)
- STATE, Royal Decree 88/2013, of 08/02/2013, approves the Complementary Technical Instruction AEM 1 "Elevators" of the Regulation of lifting and maintenance devices, approved by Royal Decree 2291/1985, of November 8. (BOE nº 46, of 22/02/2013)
- STATE, Royal Decree 1942/1993, approves the Regulation of Fire Protection Installations
- BALEARIC ISLANDS, Decree 8/2004, develops certain aspects of the Law on Emergency Management in the Balearic Islands
- STATE, Royal Decree 393/2007, of 23/03/2007, approves the Basic Standard of SELF-PROTECTION of the Centers, Establishments and Dependencies dedicated to Activities that may give rise to Emergency Situations
- STATE, Royal Decree 742/2013, of 27 September, which establishes the technical-sanitary criteria of swimming pools
- STATE - Organic Law 15/1999, of December 13, Protection of Personal Data.
- AUTONÓMICA, Decree 110/2010 of 15 October, approving the Regulation for the improvement of accessibility and the removal of architectural barriers
- Royal Decree 20/2017 of 20/01/2017 on end-of-life vehicles.
- Royal decree 115/2017, of 17 February, by which regulates the commercialization and manipulation of fluorinated gases and equipment based on them, as well as the certification of the professionals that use them and by which establish the technical requirements for the installations that develop activities that emit fluorinated gases.
- Nueva publication of Royal Decree 513/2017, of May 22, which approves the Regulation of fire protection installations, repealing Royal Decree 1942/1993, of November 5, which approves the Regulation of fire protection installations and the Order of the Ministry of Industry and Energy, of 16 April 1998, on rules of procedure and development of the aforementioned Royal Decree.
- Royal Decree 656/2017, of June 23, approved the Regulation of Storage of Chemical Products and its Complementary Technical Instructions MIE APQ 0 to 10.), was published in JULY 2017
- AUTONOMICA: Ordinance regulating the sanitation network of CALVIÀ, BOIB APRIL 14, 2018
- LAW 8/2019, of 19 February, on waste and contaminated soils in the Balearic Islands
- Law 10/2019, of 22 February, on climate change and energy transition
- Royal Decree 552/2019 with the new Safety Regulation of Refrigeration Installations
- LAW 8/2019, of February 19, on waste and contaminated soils of the Balearic Islands
- Royal decree 390/2021, of 1 June, by which approves the basic procedure for the certification of the energetic efficiency of the buildings
- Decree 48/2021 of 13 December, regulating the Balearic Carbon Footprint Register

Environmental Declaration Validated by

**HOTEL BON SOL**

Paseo de Illetas, 30

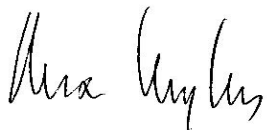
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