



PARKS & RESORT



Environmental Statement

JANUARY – DECEMBER 2020



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1 PORT AVENTURA ENTERTAINMENT, SA UNIPERSONAL

100% PAESA ENTERTAINMENT HOLDING, SLU

1.1 MOST RELEVANT INFORMATION ABOUT THE PORTAVENTURA WORLD RESORT

- **Activity:** Tourism and leisure
- **Location:** Vila-seca/Salou
- **Telephone:** 977 779 000
- **Website:** www.portaventuraworld.com
- **CIF:** A-63.776.306
- **PortAventura Park/PortAventura Caribe Aquatic Park/Ferrari Land - CNAE Parks:** 93.21
- **PortAventura, El Paso, Caribe, Gold River, Colorado Creek and Mansión de Lucy Hotels - CNAE Hotels:** 55.10
- **Convention Centre - CNAE:** 82.30
- **PortAventura Dreams Village**
- **Waste producer code:** P-26916.1
- **EMAS registration number:** ES-CAT-000070
- **ISO 14001:** 2015 certified registration number: 3.00.07048
- **Environmental quality standard at the PortAventura, El Paso, Caribe, Gold River and Mansión de Lucy Hotels.**
- **Member of the EMAS Club:** Association of EMAS-registered organisations in Catalonia (www.clubemas.cat)
- **Corporate Responsibility Area:** Head of the Environmental Management System at PortAventura World (SGMA)
- **Environmental investments for the year 2020:** €854,003

1.2 PORTAVENTURA PARK: THEMATIC AREAS

PORTAVENTURA PARK (PAP)

It is divided into 6 completely different and fascinating worlds, each carefully themed down to the very last detail: Mediterranean, Polynesia, China, Mexico, Old West and Sesame Adventure.

It offers more than 40 attractions, up to 40 daily shows, 48 food points, as well as more than 31 shops and 10 playgrounds for the whole family:

Mediterranean

It pays tribute to different towns on the Catalan coast at the end of the 19th century and recreates a typical fishing village on the Catalan coast.

Polynesia

It recreates the Polynesia of the late 19th century, discovered by sailors like Captain Cook and painted by great painting masters like Gauguin.

Sesame Adventure

An area specially designed for the fun of little ones in the company of all the Sesame Street® characters.

China

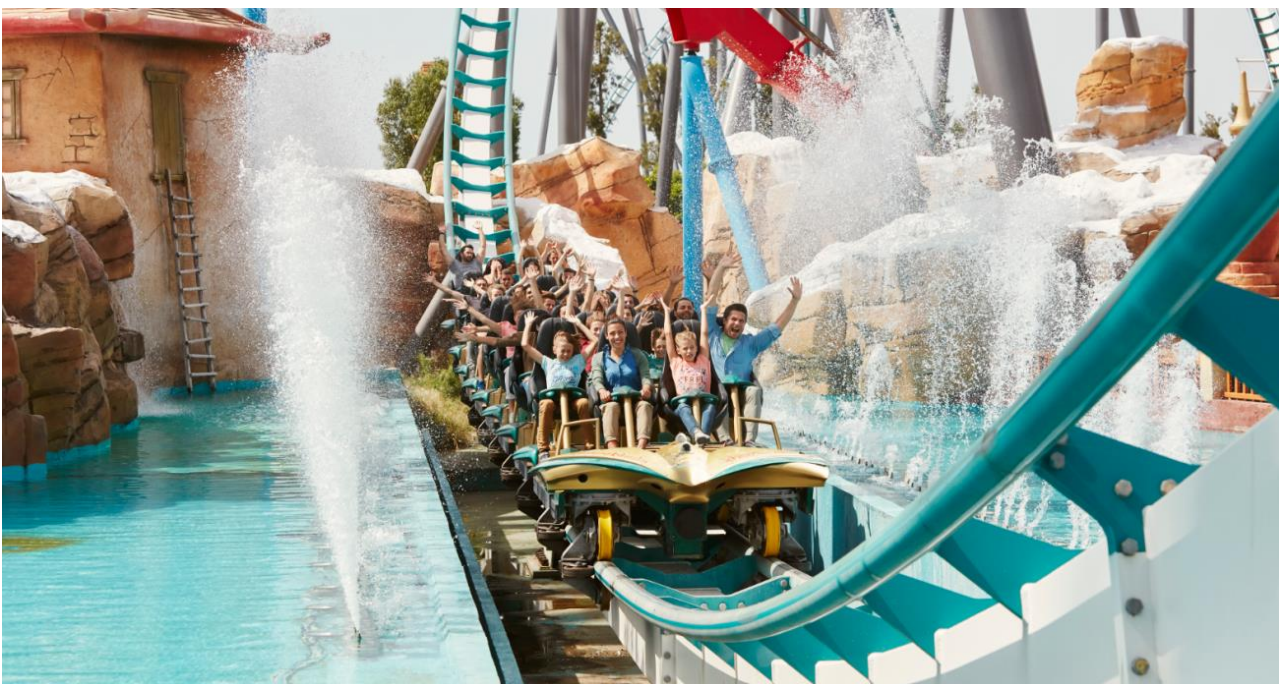
An exotic monumental tour through the four eastern zones: People's Republic of China, Imperial China, the Himalayas and Cambodia.

Mexico

A fabulous encounter with the ancient Mayan culture and colonial Mexico. An experience full of monuments, crafts and attractions.

Far west

Recreates an American town with all the cowboy spirit and where nothing is missing: from an authentic saloon to a railway station, a mining area ... or even a replica of Colorado's Grand Canyon.



PORTAVENTURA CARIBE AQUATIC PARK (CAP)

A fantastic water park with a spectacular theme inspired by the islands of the Caribbean from the time of the pirates of the South Seas.

Its total area of 50,000 m² has 14 attractions and slides, waterfalls, immense pools, green areas full of plants and palm trees.



FERRARI LAND (FL)

A unique theme park in Europe with 70,000 m2 of fun. It has 16 fantastic attractions and games, a children's area with 5 attractions specially designed for little ones, an incredible theme inspired by the most authentic Italy and shows. In addition, there are two restaurants and two shops.



Environmental certifications and standards held by our parks



Sistema de
Gestión
ISO 14001:2015

www.tuv.com
ID 9105033144



1.3 OUR HOTELS



Hotel PortAventura (HPA): HT-000760 ****

It reproduces the character and charm of a small Mediterranean town. The large swimming pool and the town square are the soul of the hotel. 500 rooms, four restaurants, a shop, entertainment, etc. with direct access to PortAventura Park through the Mediterranean area.



Hotel El Paso (HEP): HT-000770 ****

With Mexican style and colour, it recreates a traditional Mexican hacienda. It has a total of 501 rooms, three restaurants, two bars, a shop and two swimming pools, one of them with a sunken galleon. It offers an "All-Inclusive" board basis.



Hotel Caribe (HC): HT-000772 ****

With a tropical setting, it is surrounded by palm trees and has exceptional open spaces. It has 497 rooms, of which 26 make up the Club San Juan (a private complex with exclusive rooms), four restaurants, four swimming pools (one of them sand), a shop and a Wellness Centre.



Hotel Gold River (HGR): HT-000855 ****

Recreates a town in the Wild West that emerged after the Gold Rush. It has 549 rooms, across different buildings that recreate the most significant parts of a Far West town. 78 of these rooms are located in the exclusive Callaghan's building. It also has three swimming pools, six restaurant points and direct access to the Far West area of PortAventura Park.



Hotel Mansión de Lucy (HMdL): HT-000888 *****

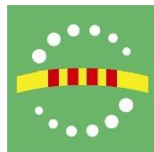
The most majestic and elegant of our hotels is housed in a Victorian-style building. It has 31 spacious rooms with great attention to detail. They are the most exclusive at the Resort. It has a swimming pool, a restaurant, a bar and direct access to the Far West area of PortAventura Park.



Hotel Colorado Creek (HCO): HT-004868 ****

Opened in June 2019, this new hotel is located in the Far West hotel complex. It has a main building where there is a spacious lobby, 150 spacious and exclusive rooms and a bar. The buffet is located in another building directly opposite. Clients have access to the facilities of the Hotel Gold River. In addition, it has direct access to the Far West area of PortAventura Park. In 2021 it will be certified with the Environmental Quality Guarantee Distinction and Travelife Gold.

Environmental certifications and standards held by our hotels



(*)

* In 2020, the renewal audits of Travelife Gold certificates could not be carried out as a result of the global COVID-19 pandemic, postponing it to 2021.

1.4 CONVENTION CENTRE (CDC)

PortAventura Convention Centre, with its privileged location between golf courses and excellent views of the sea, combines its Mediterranean-style architecture with the latest technologies. In 2019, the convention centre expanded its infrastructure by more than 6,000 m² to reach 20,000 m² with 24 meeting rooms in total and capacity to host 6,000 people.

The extension has a new room, called "Roma", which can be divided into three and has a surface area of 2,110 m².



Environmental certifications and standards held by our Convention Centre



1.5 PORTAVENTURA DREAMS VILLAGE (PADV)

A pioneering project in Europe of the PortAventura Foundation, conceived as a playful and interactive space, which aims to generate a positive effect on recovery from a psychological point of view, while allowing the nurture of new moments of family togetherness. The project focuses on minors between the ages of 4 and 17 who suffer (or have suffered) from serious illnesses. The village, a space of 8,850 m², has six houses of 135 m² without architectural barriers. Selected families enjoy a six-day stay totally free of charge. In addition to accommodation in the villas, the package includes access to the three PortAventura World parks and exclusive activities within the village.





2 FROM THE BEGINNING, COMMITTED TO THE ENVIRONMENT

2.1 CHRONOLOGY

1995	PortAventura is inaugurated, the first theme park in Spain and, among others, its flagship attraction: Dragon Khan.
1997	New roller coaster: Stampida.
1999	The show FiestAventura is presented.
2000	Sea Odyssey attraction: the great underwater simulator.
2001	The Temple of Fire is inaugurated.
2002	PortAventura becomes a tourist destination thanks to the opening of two hotels and a water park.
2003	The doors of the Hotel Caribe open.
2005	Hurakan Condor free fall arrives.
2007	Furius Baco is incorporated: extreme acceleration.
2009	Opening of the Hotel Gold River and the PortAventura Convention Centre.
2010	Celebration of the 15th anniversary.
2011	Opening of SésamoAventura [Sesame Adventure].
2012	New roller coaster: Shambhala. Driving school and road safety for children in China area. Parking Caravaning.
2013	The Resort's water park, PortAventura Caribe Aquatic Park, has been renovated with a new children's area and new attractions. Opening of the Labyrinth El Secreto de los Mayas in PortAventura Park.
2014	Opening of the new attraction Angkor: Adventure in the Lost Kingdom. In the summer of 2014, Cirque du Soleil settles at PortAventura World to represent the world of Kooza.
2015.	20th anniversary celebration. Cirque du Soleil presents the Amaluna show at PortAventura World for the first time in Europe. The Callaghan's new building at the Gold River Hotel. Opening of the Hotel Mansión de Lucy: the first 5 * hotel in the Resort.
2016	Work begins on the new unique theme park in Europe: Ferrari Land.
2017.	Opening of the Ferrari Land theme park, a unique theme park in Europe. 70,000 m2 with incredible attractions and fascinating spaces dedicated exclusively to the mythical Italian team. Cirque du Soleil visits PortAventura World with its Varekai show.
2018	Opening of a new Children's area in Ferrari Land, with 5 new attractions for the youngest visitors.
2019	Opening of the Hotel Colorado Creek **** located next to the Mansión de Lucy ***** and Gold River **** hotels. Opening of Street Mission, the first Sesame Street® dark ride in Europe, located in the SésamoAventura area of PortAventura Park. Expansion of the Convention Centre by more than 6,000 m2. PortAventura Dreams Village opening.
2020	25th anniversary celebration.

2.2 ENVIRONMENTAL COMMITMENTS

	1997 Creation of the "Equip Verd" Environmental Committee		2009 Joined <i>Travelife</i> : Sustainable tourism for hotels
	2001 1 st EMAS registration		2014 Received the <i>Travelife Gold</i> Award
	2003 1 st hallmark of environmental quality assurance (Hotels)		2015 Committed to the achievement of the United Nation's Sustainable Development Goals (SDGs)
	2007 1 st ISO 14001/2004 certification		2016 Committed to the Global Code of Ethics for Tourism of the World Tourism Organisation (UNWTO)
	2008 Member of Catalonia's Club EMAS		2017 Involvement in the United Nation's World Tourism Organisation's International Year of Sustainable Tourism for Development
	2008 Commitment to the Global Compact. 10 principles of the Global Compact (www.pactomundial.org)		2018 New Corporate Responsibility Strategy (ESG) 2019-2021
	2009 1 st edition of the Corporate Responsibility Report (using 2008 data)		2019 1 st Waste Management Traceability System certificate Hotel Colorado Creek, first CO ₂ neutral hotel in the resort.
			
			2020 Extension to the entire Resort of the compensation of 100% of direct and indirect GHG emissions generated throughout the Resort, according to the categories and calculation that we show in the Environmental Statement



3 ENVIRONMENTAL POLICY

Port Aventura Entertainment, SAU is the manager and owner of PortAventura World Parks & Resort, a family leisure destination comprising PortAventura Park, PortAventura Caribe Aquatic Park, Ferrari Land, Hotel PortAventura, Hotel El Paso, Hotel Caribe, Hotel Gold River, Hotel Mansión de Lucy, Hotel Colorado Creek, PortAventura Convention Centre, Parking Caravaning and PortAventura Dreams Village and carries out its activity with the utmost respect for the environment and its surroundings.

With the objective of ensuring its commitment to environmental protection, it continually predicts, measures and improves environmental results. To do this, PortAventura World bases its approach on the following operational principles:

1. Ensure compliance with legal requirements and other voluntary requirements subscribed to, making them an integral part of the Environmental Policy.
2. Assign all the resources and responsibilities necessary to guarantee the achievement of the environmental objectives that lead to continuous improvement in environmental behaviour, and designing processes that tend to minimize and prevent the environmental impacts of the activities carried out.
3. Ensure compliance with environmental objectives through an environmental committee, "Equip Verd", with an advisory and executive nature, in order to lay the foundations to ensure respect for the environment.
4. Train, train and sensitise company personnel, at all levels, to create an atmosphere that favours the progress of any environmental measure.
5. Communicate the Environmental Policy to all people who work for or on behalf of the organisation, as well as to other interested parties.
6. Determine environmental aspects and their associated impacts from a life cycle perspective.
7. Promote, as far as possible, projects that can involve our visitors in respecting the environment.
8. Preserve the biodiversity and ecosystems of our territory, protecting the species and habitats that contain them.
9. Promote and commit to mitigation and adaptation to climate change through: the sustainable use of natural resources (water and energy); promoting sustainable mobility initiatives and the use of electricity from renewable sources, as well as offsetting our carbon footprint; promoting reuse and minimising waste generation, prioritising recovery.
10. Guarantee that our suppliers share our same standards in environmental matters and are committed to our Policy within the Resort. Promote environmental criteria in the purchase of products, the contracting of services and the management of events, promoting circular economy initiatives.

Fernando Aldecoa

General Director of Operations and Finance

February 2021



4 ENVIRONMENTAL MANAGEMENT SYSTEM

4.1 SCOPE OF THE MANAGEMENT SYSTEM

Theme park management: PortAventura Park, PortAventura Caribe Aquatic Park and Ferrari Land.

Hotels and restaurants: Hotel PortAventura, Hotel El Paso, Hotel Caribe, Hotel Gold River, Hotel Mansión de Lucy and Hotel Colorado Creek.

Convention centre: PortAventura Convention Centre.

PortAventura Dreams Village.

4.2 ORGANISATION

Environmental management at PortAventura World is based on two key figures:

Environmental Management System Representative (hereinafter, EMSR):

This is essentially a manager, acting as a link with the Management Committee and, for regulatory purposes, as a representative of the system.

Equip Verd (or Environmental Committee):

Working group made up of personnel from the different company departments, whose objective is to ensure a correct and uniform management of the environment at the Resort.



4.3 RESPONSIBILITY AND AUTHORITY

The responsibilities for the different roles within the system are:

EMSR:

- Supervises the overall application and maintenance of the EMS (Environmental Management System) at PortAventura World.
- Acts as a liaison between the Management Committee and the Equip Verd.
- Appoints the secretary and members of the Equip Verd.
- Determines who is responsible for decision-making for proposals related to the EMS, targeted at improving PortAventura World's Environmental Policy.

Management Committee, Area Managers and Supervisors:

- The Management Committee decides who to appoint to carry out the duties of the EMSR.
- Makes decisions regarding the environmental management of the resort, based on proposals submitted by the EMSR.
- Encourages implementation of the EMS in the respective departments.
- Management approves and signs the Environmental Policy.

Equip Verd (or Environmental Committee)

- Acts as a forum for exchange, debate, study and discussion regarding the PortAventura World EMS.
- Makes decisions on all aspects of the environmental management of the resort, provided that the EMSR believes it is within their competence.
- Puts forward and presents to the EMSR the implementation or development of proposals targeted at environmental improvements or changes in PortAventura World's Environmental Policy.
- Provides the Management Committee with all information related to the environmental decisions to be made.
- Establishes objectives and action for improvement in accordance with PortAventura World's Environmental Policy.
- Ensures strict compliance with applicable environmental and industrial safety legislation, as well as with the voluntary commitments made by the company.

Members of the Equip Verd

- Supervise EMS implementation and maintenance in PortAventura World, within the department/area that they represent.
- Provide Equip Verd with all necessary information on the development of the EMS for the department that they represent. Equip Verd members are responsible for referring EMS decisions (adopted by the Equip Verd or by the Management Committee) to the departments or areas that they represent.
- Offer support, in environmental terms, to contract "Managers".

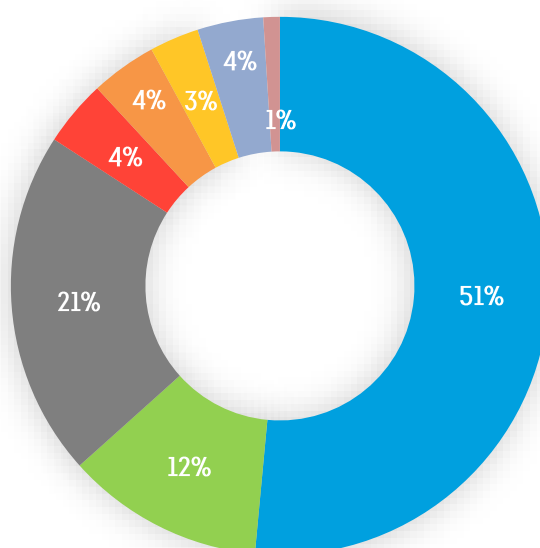


5 DESCRIPTION OF THE ENVIRONMENTAL ASPECTS

PortAventura World identifies the environmental aspects (under normal, abnormal and emergency conditions) associated with its present and future activities from a life cycle perspective, and evaluates them according to evaluation criteria that allow the quantification of the significance or importance of each aspect, classifying them as Significant or Not Significant.

The criteria to determine the significance of the environmental aspects are based on: the existence of legislative regulations of the aspect, the linking of the aspect to some type of permit, the importance for the interested parties, the contribution of the aspect in affecting global environmental problems, the quantitative significance in relation to the total operation, the frequency, the consequences in case of emergency and the level of control over its effect.

Percentages for the environmental aspects identified



Significant environmental aspects and their impact are reflected in the table below (both direct and indirect):

SIGNIFICANT ENVIRONMENTAL ASPECTS 2019	DIRECT/INDIRECT	NATURE OF THE ASPECT	ENVIRONMENTAL IMPACT
Water for human consumption	Direct	Use of natural resources	Depletion of natural resources
Paper/cardboard waste	Direct and indirect	Generation, recycling, reuse and elimination of waste	Soil or water contamination
Rubble waste	Direct and indirect	Generation, recycling, reuse and elimination of waste	
Emission of gases into the atmosphere from visitor transport	Indirect	Generation of emissions into the atmosphere	Impact on air quality

One of the criteria for evaluating significant environmental aspects is the quantitative significance in relation to the total operation to determine the impact of said aspect considering the global activity. Due to the exceptional situation caused by COVID-19, this quantification has been modified and evaluated in a particular way for each environmental aspect, so in some of them it has been valued in absolute value and not in relative value to the visits / overnight stays of the Resort.

The significant environmental aspects of the previous year are maintained: water for human consumption, paper and cardboard waste, rubble waste and emission of gases into the atmosphere from customer transport. The main reasons for its significance are the following:

- Water for human consumption is due to the periodicity of consumption and the quantity of the aspect.
- Paper and cardboard waste is due to the amount generated and that its raw material may be linked to deforestation.
- Rubble waste is due to the amount generated from the maintenance works carried out in this period.
- Gas emissions from customer transport are not an aspect where PortAventura World can make a significant impact, since it depends on the customers' decision on which transport to use to get to the Resort. Similarly, from PortAventura World, initiatives such as advertising campaigns that promote public transport have been undertaken, as well as the gradual installation of chargers for electric vehicles in different parking lots at the Resort.



6 ENVIRONMENTAL PROGRAMME

2020, a year marked by health measures to prevent COVID-19

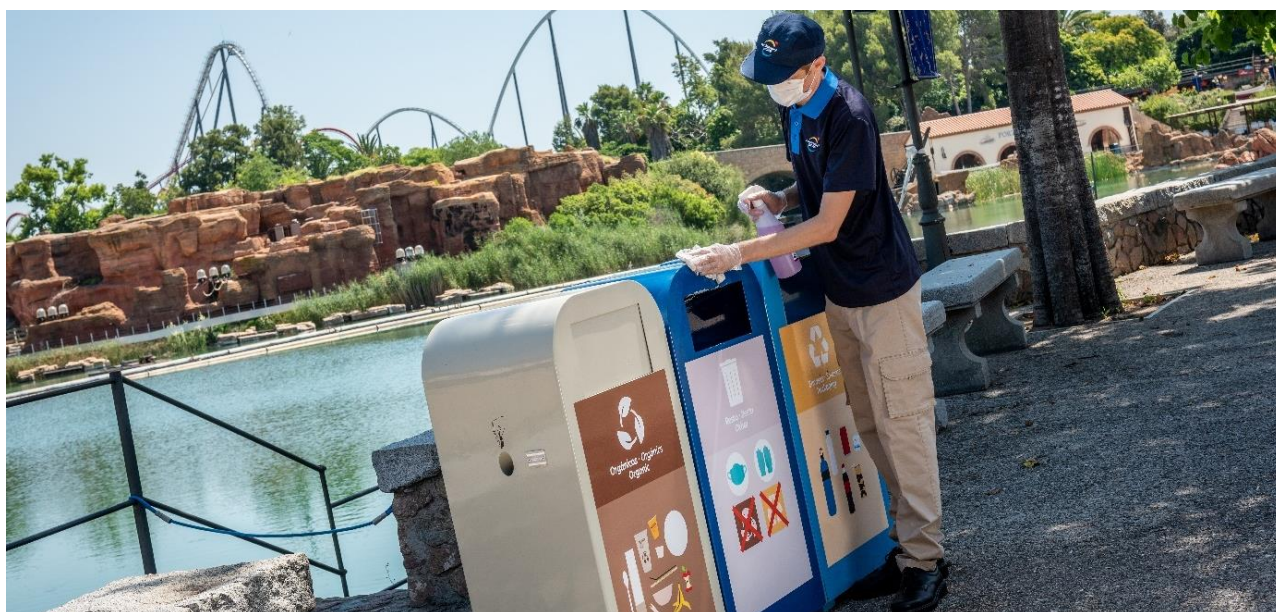
The exceptional measures adopted by the health authorities to contain COVID-19 did not allow us to offer our clients the PortAventura World experiences during the usual period of time.

The Resort opened the season on July 8 and was operational until October 16, always applying capacity, distance and disinfection restrictions. The measures implemented have been thoroughly controlled through follow-up audits that have obtained excellent results.

Since the beginning of the pandemic and following the recommendations indicated by experts and international institutions in the field of security against infectious viral diseases, including COVID-19, at PortAventura World we have installed all the necessary prevention processes to guarantee maximum security and confidence both from our clients as well as from our staff and the service provider companies that operate in the Resort.

Even so, our environmental strategy has not been modified and our lines of work have been maintained with respect to those established for the 2019-2021 period.

The final assessment of the objectives defined for 2020 has been directly affected by the pandemic. As shown below, some of them cannot be objectively valued, as in previous years, due to low activity both in terms of visits and overnight stays, so it is not in line with the reality foreseen for 2020. Targets that cannot be assessed due to the pandemic have been indicated as "stand-by assessment".



6.1 OBJECTIVES AND TARGETS

Environmental objectives are proposed by the Equip Verd and then approved by the EMSR (Environmental Management System Representative), together with the head of each department concerned.

All environmental objectives are consistent with the Environmental Policy, applicable laws and PortAventura World's Significant Environmental Aspects, and they consider both risks and opportunities. Similarly, the objectives include commitment to the continuous improvement of environmental activities.

At the Equip Verd (Environmental Committee) meetings, the progress of these objectives is monitored and the outcomes are logged in the Environmental Management software.

In 2018, a new 2019-2021 corporate responsibility strategy was established that allows us to organise, identify and prioritise our actions and projects in the short and medium term in a structured way. The tasks carried out during the financial year 2020 for the environmental objectives defined in said strategy are shown below.

ENVIRONMENTAL OBJECTIVES OF THE CORPORATE RESPONSIBILITY STRATEGY 2019-2021 (EOB)

 CIRCULAR ECONOMY	<p>Disposal of single-use plastics</p> <p>Zero waste</p> <p>Minimisation of food waste</p>
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ENVIRONMENTAL POLICY



Points 6, 9 and 10

GLOBAL COMPACT



Principles 7 and 8

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SUSTAINABLE DEVELOPMENT GOALS



EOB164. ELIMINATION OF SINGLE-USE PLASTIC PACKAGING ACQUIRED BY PORTAVENTURA WORLD FOR USE IN F&B SERVICES

Percentage of single-use plastic references removed or replaced:

2019: 25% 2020: 63% 2021: 91%

Estimated date of completion: 2021/12/31

Level of compliance:

2019: 25% of plastic references removed or replaced in restoration.

2020: 79% of plastic references removed or replaced in restoration.

Evaluation: 2020 period, reached.

Tasks carried out:

- **T10.** Single-use plastic references in restoration are replaced by more sustainable ones such as cardboard or PLA.

Other actions related to disposing of single-use plastic:

- **T11.** Replacement of amenities at Hotel Colorado Creek and Hotel Mansión de Lucy with more sustainable alternative materials.

EOB165. ZERO WASTE

Percentage of recovered waste > 90%

Estimated date of completion: 2021/12/31

Level of compliance:

2019: 90.90% of waste recovered

2020: 83.63% of waste recovered

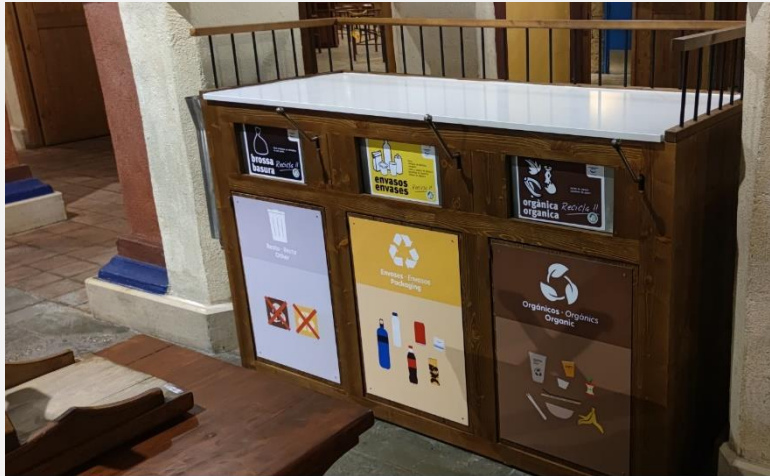
Evaluation: 2020 period, not achieved.

The AENOR Zero Waste certification, obtained in 2019, recognises our waste management traceability system aimed at the recovery of between 90% and 100%, that is, it guarantees the recovery of the waste that is generated, thus avoiding management through its deposit in landfill, while contributing to promoting sustainability through the circular economy. Due to the exceptional situation caused by COVID-19, it has not been possible to reach the goal of a minimum of 90% of recovered waste, and the figure for 2020 has been 83.63%. For this reason, the certification becomes Towards Zero Waste.

- **T8.** AENOR Zero Waste Certification. In September 2020, AENOR's Zero Waste certification was renewed, obtaining a result of 90.47% of waste recovery for the segregation data for the annual period 2019. In February 2021, the management data on waste was audited for the period 2020. Due to the exceptional situation caused by COVID-19, in 2020 it has not been possible to reach the goal of a minimum of 90% of recovered waste. A result of more than 80% has been achieved, and for this reason the certification becomes Towards Zero Waste.

Other tasks carried out in 2020:

- **T4. New containers for collecting organic fraction.** A total of 120 biodegradable bins have been purchased for the selective collection of the organic fraction.
- **T5. Recycling islands in catering spaces for customers.** To promote segregation at source, a total of 25 recycling islands have been acquired for customer catering spaces. In these islands our clients can segregate organic waste, packaging and the remaining fraction.



- **T6. New informational posters for litter bins.** Following the line regarding the promotion of the segregation of waste, new posters have been arranged for the bins of the recycling islands corresponding to organic, paper and cardboard, plastic and the remaining fraction.



- **T11. Design of new tablecloths for trays in self-service.** In order to improve waste segregation, the tablecloths that are delivered to customers in restaurants and buffets have been redesigned. With this, it is possible to convey the message of recycling to customers and the efficient use of new containers.



- T9. Waste management due to the situation derived from COVID-19.** The year 2020 has been marked by the global pandemic situation experienced by the transmission of the SARS-CoV-2 coronavirus. For this reason, PortAventura World has carried out actions to adapt and manage the waste generated by the pandemic:
 - The waste signage has been renewed, including waste from disposable masks and gloves.
 - For better awareness by customers in the park, COVID-19 information has been made available, which helps our customers understand and comply with both security measures and the correct management of mask waste.
- T10. Good environmental practices of circular economy.** Thousands of pumpkins are used to decorate the Resort on Halloween, which are grown by farmers. After use, at the end of the Halloween season, are donated and collected by a local shepherd who them to feed his lambs.



local
they
uses

EOB166. MINIMISING FOOD WASTE

Complete 100% of planned tasks

Estimated date of completion: 2021/12/31

Compliance level: 100% of tasks performed (6 tasks planned and 6 tasks achieved).

Evaluation: 2020 period, not achieved.

Tasks implemented in 2020:

Throughout this year, a working group has been created through which the bases have been established to contribute to the reduction of food waste generated at the Resort. This action has been planned both within the framework of the EMAS / ISO 14001 Certification and the ISO 22000 Certification.

The lines of work of the actions carried out and the established methodology have focused on the following:

- **T3. Quantify donated food.** PortAventura World has implemented a project to take advantage of the food surplus (not exposed) generated in hotels, table services and self-services. The food is collected by Taller Baix Camp, in collaboration with various entities in the area, which is in charge of distributing it to the Food Bank and to different entities. In 2020, a total of 16,858 kg were donated (corresponding to a total of 48,163 servings). As a consequence of the situation derived from COVID-19 in the 2020 period and the low activity of the Resort, this exceptional result has been achieved in donations.

The methodology scrupulously complies with the applicable food safety standards and, to guarantee traceability, only includes packaged and labelled products from the supplier.

- **T4. Maintenance of ISO 22000 Certification.** To ensure food safety (that is, that the conditions of the food are suitable for consumption), this certification establishes the safety measures so that the food can be safely consumed until the expiration date. In 2020, follow-up audits of the ISO 22000 Certification were carried out at the Hotel PortAventura, the Hotel Gold River, the Hotel Colorado Creek and the Hotel Mansión de Lucy, although it was not possible to carry out at the Hotel El Paso, since it was closed as a result of COVID-19. In order to carry out the follow-up audit, the activity and the installation must be in operation in order to verify compliance and correct implementation of the system on site.
- **T5. Training of the restoration team.** A specific training programme has been designed for the catering team with the aim of minimising waste and having inventories with adjusted production over time, in order to reduce food waste (food safety training).
- **T6. Improve the segregation of organic fraction.** The information shown to consumers has been renewed to improve habits in the segregation of organic waste. The waste signage has been redesigned for both organic waste containers and catering tablecloths. The new design of the posters graphically shows those products that must be deposited in the organic waste container to promote their segregation.
- **T7. Recover food not eaten by customers.** A project has been implemented to take advantage of food surplus

not consumed by customers and table services. Our customers have the possibility of taking the leftover food from their meal conveniently packaged, so in 2020, a label was designed that will accompany said container where the guidelines are established not only to conveniently safeguard the state of the food to be consumed, but also to prevent that food from becoming waste.



- T8. Development of the Manual for the control of food waste.

 SUSTAINABLE AND SAFE MOBILITY	Sustainable mobility for employees Sustainable mobility for service suppliers within the Resort Sustainable mobility for clients
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ENVIRONMENTAL POLICY



Points 4, 9 and 10

GLOBAL COMPACT



Principles 7 and 8
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SUSTAINABLE DEVELOPMENT GOALS



EOB167. SUSTAINABLE MOBILITY FOR EMPLOYEES

100% of tasks implemented

Estimated date of completion: 2021/12/31

Compliance level in 2020: 100% of tasks implemented (change of indicator due to COVID-19).

As a consequence of the situation derived from COVID-19 and the sanitary measures that must be complied with to avoid contagions, there has been a significant decrease in the Resort's activity and this objective has been reconsidered by implementing alternative measures to those planned at the beginning of the period based on the Fesedit action not carried out this year.

Evaluation: Period 2020, achieved (2 tasks planned and 2 tasks achieved).

Tasks executed:

- **T5.** Incorporation of electric vehicles. The internal vehicle fleet has been expanded with 4 electric vehicles used for internal and external mobility in the Resort, to promote sustainable mobility of employees.
- **T3.** Installation of new chargers at the hotels and the park. To promote more sustainable mobility, 20 electric chargers have been made available to employees, installed in the general car park for employees, general management and visitors. These charging points are intended to internally promote the provision of a more sustainable mobility option for all employees and visitors.

Other tasks implemented this 2020:

- **T6.** Remote working as a work option for office staff. As a result of the COVID-19 pandemic, employee travel and visits to the PortAventura facilities have been reduced, thus significantly reducing mobility in this regard.

EOB168. SUSTAINABLE MOBILITY FOR SERVICE SUPPLIERS WITHIN THE RESORT

Service providers operating within the PortAventura World Resort must use electric, hybrid or other more sustainable vehicles:

2019: > 20% compared to the previous year

2021: 100% from suppliers

Estimated date of completion: 2021/12/31

Compliance level in 2020: 81% increase (from 39 to 48 vehicles).

Evaluation: In 2020, this goal is in progress.

For this evaluation, the 100% objective to be achieved in 2021 is considered.

Tasks executed:

- T3. The suppliers' commitment to have sustainable vehicles is incorporated into the tenders.
- T1 Promotion of the use of sustainable vehicles among our service providers in our facilities. There have been no changes, and the 20% increase in hybrid vehicles remains.



EOB169. SUSTAINABLE MOBILITY FOR CLIENTS

In 2021, 100% of our hotels and client car parks must have charging points for electric vehicles, which will increase according to the demand for this service from our customers.

Estimated date of completion: 2021/12/31

Compliance level in 2020: achievement of 100% of the tasks planned for 2020 (1/1 task).

Evaluation: 2020 period, reached.

Tasks executed:

- **T3. Installation of new chargers in the hotels and the park.** Installation of 16 electric chargers in the customer car parks of the parks and hotels, management and visits, and subcontractor's area, to promote the sustainable mobility of our customers in the Resort.



ENERGY TRANSITION

Increase in use of renewable energy

Increase in energy efficiency

ENVIRONMENTAL POLICY



Points 4, 9

Related environmental aspects:
consumption of electricity.

GLOBAL COMPACT



Principles 7 and 9

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SUSTAINABLE DEVELOPMENT GOALS



EOB 170. INCREASE IN USE OF RENEWABLE ENERGY

100% of electricity from renewable sources

Estimated date of completion: 2021/12/31

Compliance level in 2020: 100% of the electrical energy comes from renewable energy sources (guarantee with certificate of origin).

Evaluation: period 2020, target of 100% renewable energy achieved.

According to the Certificate of the National Commission of Markets and Competition. It does not indicate values, but rather a note: «In the event that when downloading the redemption information in a certain CUPS no data appears, it must be considered that the percentage of renewable energies / high-efficiency cogeneration relative to said CUPS is the one that appears for the corresponding marketing company, according to the data of the electricity labelling report.

Tasks in progress:

- **T2. Photovoltaic plant.** In 2020, the project has been redefined and resized, which will finally have a surface area of 64,000 m² of 6.8 MWp that will supply energy to the Resort. It is currently undergoing administrative authorisation procedures.

EOB171. INCREASE IN ENERGY EFFICIENCY

Decrease **consumption of electricity** (MWh/1000 visits/overnight stays and year) compared to the previous year across all sites (PA+CAP, FL, HC, HEP, HPA, HGR, HMdL, HCO and CC). (WITHOUT EVENTS):

Decrease **consumption of natural gas** (MWh/1000 visits/overnight stays and year) compared to the previous year across all sites (PA+CAP, FL, HC, HEP, HPA, HGR, HMdL, HCO and CC). (WITHOUT EVENTS):

Estimated date of completion: 2021/12/31

Level of compliance:

Electric power consumption (MWh/1,000 visits-overnight stays / year)	Objective	Real
2019	5.95	5.78
2020	5.74	16.42
2021	10.27	

Consumption of natural gas (MWh/1,000 visits-overnight stays/year)	Objective	Real
2019	1.16	1.13
2020	1.13	2.02
2021	1.84	

Evaluation: 2020 period, stand-by valuation.

In this 2020 period, the little activity of the Resort has penalised this indicator, so this year's result is not representative.

As a consequence of the situation derived from COVID-19, which has caused a significant decrease in the Resort's activity, the objectives were set with a higher volume of visits and overnight stays, so it is not in line with the reality of 2020.

Tasks executed:

- T7. Investment in capacitor banks in three CTs.
- T8. Execution of the 2020 Plan for the renovation of lighting to led lighting.

Other unscheduled tasks for 2021:

- **T7. BREEAM certification for PortAventura Dreams Village (by 2021).** By October 2021, it is expected to obtain the Sustainable Building Certification according to the BREEAM benchmark. This certification certifies that the construction of the PortAventura Dreams Village building has been carried out in a sustainable way, respecting all environmental aspects linked to the life cycle of the building (waste, energy efficiency, energy, water, materials, land use, environmental pollution, among others). This certification brings the building's management into line with SDG number 6 (clean water and sanitation), 7 (affordable energy and responsible consumption), 12 (responsible production and consumption), 13 (action for climate) and 15 (life of terrestrial ecosystems).





CLIMATE BIODIVERSITY AND WATER

Low-carbon resort

Increase in water efficiency

Partnerships to conserve biodiversity

Animal well-being practices

ENVIRONMENTAL POLICY



Points 8 and 9

GLOBAL COMPACT



Principles 7 and 8

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SUSTAINABLE DEVELOPMENT GOALS



EOB172. LOW-CARBON RESORT

Reduce the emission of greenhouse gases (tons of CO₂ equivalent per year) in relation to 2018* with respect to the ratio of visits-overnight stays

*The calculation and scope categories of 2019-2020-2021 are shown in the Environmental Statements corresponding to each year. Source: *Guia pràctica per al càlcul d'emissions de gasos amb efecte d'hivernacle (GEH)* [Practical Guide for the calculation of gas emissions with the effect of winter] of the Catalan Office for Climate Change on the date of publication indicated in the Environmental Declarations corresponding to each year.

Estimated date of completion: 2021/12/31

Level of compliance:

Annual greenhouse gas emissions (equivalent tons of CO ₂ /1,000 visits-overnight stays/year)	Objective	Real
2019	<1.21	1.23
2020	<1.14	4.07
2021	<1.31	

Evaluation: 2020 period, stand-by valuation.

In this 2020 period, the little activity of the Resort has penalised this indicator, so this year's result is not representative.

As a consequence of the situation derived from COVID-19, which has caused a significant decrease in the Resort's activity, the objectives were set with a higher volume of visits and overnight stays, so it is not in line with the reality of 2020.

Tasks executed:

- **T4.** The calculation of the carbon footprint of scope 3 is expanded. The calculation of the carbon footprint of scope 3 is expanded with the following categories: transport of workers and transport for corporate trips.
- **T5.** Compensation of our carbon footprint. In 2021 we will offset 100% of our 2020 calculated emissions according to the calculation, categories and methodology that we show in this Environmental Statement.

EOB173. ADAPTATION TO FUTURE CLIMATE SCENARIOS

In progress TCFD analysis in 2021

Estimated date of completion: 2021/12/31

Compliance level in 2020:

Evaluation: 2020 period, achieved (1 task planned and 1 task accomplished).

Tasks executed:

- **T1. TCFD (Task Force on Climate-related Financial Disclosures).** A study, based on a sample, has been carried out on climate-related financial risks and opportunities.

In 2020, an analysis of risks and opportunities of climate change has been started according to the TCFD methodology, to obtain effective recommendations related to the climate. The basis of this study, in very general terms, is to understand the real risks (or opportunities) that climate change poses for PortAventura World.

EOB174. INCREASE OF WATER EFFICIENCY

Reduce water for human consumption ($\text{m}^3/1,000$ visits-overnight stays/year) in relation to the previous year, in all the facilities (PA+CAP, FL, HC, HEP, HPA, HGR, HMdL, HCO, CdC and PADV). (NO EVENTS).

Estimated date of completion: 2021/12/31

Level of compliance:

Water for human consumption (m ³ /1,000 visits-overnight stays/year)	Objective	Real
2019	123.07	129.81
2020	128.62	370.47
2021	202.36	

Evaluation: 2020 period, stand-by valuation.

In this 2020 period, the little activity of the Resort has penalised this indicator, so this year's result is not representative.

As a consequence of the situation derived from COVID-19, which has caused a significant decrease in the Resort's activity, the objectives were set with a higher volume of visits and overnight stays, so it is not in line with the reality of 2020.

Completed tasks:

- T2. New systems to adjust the irrigation management of garden areas.
- T3. Adaptation of the linings of the hotel pools to avoid water leaks.

EOB175. PARTNERSHIPS FOR THE CONSERVATION OF BIODIVERSITY

Achievement of 100% of planned tasks

Estimated date of completion: 2021/12/31

Compliance level in 2020: 100% achievement of planned tasks for 2020 (2 planned tasks and 2 completed tasks).

Evaluation: period 2020, reached.

Completed tasks:

- T2. Pact for Biodiversity. Spanish Business and Biodiversity Initiative. In 2020, the Biodiversity Pact was signed with the Biodiversity Foundation (Ministry for the Ecological Transition of the Government of Spain), which shows the commitment of PortAventura World to the conservation and sustainable use of biodiversity.
- T3. Maintenance of the agreement between SEO/BirdLife and PortAventura World, for the citizen science programme for scientific monitoring of birds in Spain.

EOB176. ANIMAL WELFARE PRACTICES

Achievement of 100% of planned tasks

Estimated date of completion: 2021/12/31

Compliance level in 2020: postponed.

Evaluation: 2020 period, stand-by valuation.

As a consequence of the situation derived from COVID-19, which has caused a significant decrease in the Resort's activity, this objective is postponed to the 2021 period.

Tasks postponed to 2021:

- **T6.** Prepare a procedure or document on the management of biodiversity at the Resort.



AWARENESS AND ENVIRONMENTAL TRAINING

Environmental communication and involvement for clients

Environmental education and awareness for employees

ENVIRONMENTAL POLICY



Point 7

GLOBAL COMPACT



Principles 7 and 8

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SUSTAINABLE DEVELOPMENT GOALS



EOB177. ENVIRONMENTAL COMMUNICATION AND INVOLVEMENT FOR CLIENTS

Estimated date of completion: 2021/12/31

Compliance level in 2020: 100% achievement (7 tasks achieved from 7 planned tasks).

Evaluation: in the 2020 period, reached.

Completed tasks:

- T5. External environmental communication plan 2020, both on social media and in the press:
 - JANUARY. #WorldC02Emissions Reduction Day (RSS)
 - MARCH. #World Energy Efficiency Day (RSS)



– APRIL. EARTH DAY (RSS)



– MAY. BIOLOGICAL DIVERSITY DAY (RSS)



– JUNE. WORLD ENVIRONMENT DAY (RSS)



- T10. Disclosure to clients through press releases:
 - 2020/27/11. V edition. PortAventura World recognises its suppliers as an essential part of its value chain. The 2019 Supplier of the Year Awards have recognised nine collaborating companies for their excellence and performance. As a result of this recognition to suppliers of PortAventura World, within the category of Environmental Initiative García de Pou is recognised as one of the winners. This company is an expert in the supply of single-use material for the hotel and restaurant industry. Specialised and sensitised in sustainability, it has a wide catalogue of single-use sustainable products, which perfectly replace the material made of plastic.
- T6. EcoEduca Project. An educational programme has been created at the disposal of the educational group in compulsory curricular matters for primary and secondary education, where content is being worked on with themes aimed at the dissemination of biodiversity and the concept of zero waste for its implementation in 2021.



- T7. Design of new tablecloths for trays in self-service. In order to improve waste segregation, the tablecloths that are delivered to customers in restaurants and buffets have been redesigned. With this, it is possible to convey the message of recycling to customers and the efficient use of new containers.



- T9. PortAventura World's participation in informative presentations on the environment. Throughout 2020 we have participated in presentations in collaboration with external entities, with the aim of disseminating the environmental actions that PortAventura World carries out:
 - 5th March 2020. Conference corresponding to the edition of the Corresponsables Yearbook in Barcelona. In this conference the theme exposed was: "Circular economy at PortAventura World: from waste to resource", given by the director of Central Services, Purchasing, Logistics and CR.

- 13th May 2020. «Rethinking tourism of the future. Keys for transformation”, for the Spanish Global Compact Network (Tourism and ODS Working Group), with the participation of the director of Central Services, Purchasing, Logistics and CR.
- 20th October 2020. Green Deal webinar. Exchange of experiences, future projects and inspiring ideas for companies. In this webinar they talked about the Carbon Neutral Resort, the minimisation of emissions from transport to energy production and compensation. Taught by the director of Central Services, Purchasing, Logistics and CR.
- **T11.** Corresponsables Yearbook. Publication of the PortAventura World case study in the Corresponsables Yearbook.
- **T12.** Publication of good practices on the Global Compact website. Good practices regarding biodiversity at PortAventura World have been published on the Global Compact website (<https://compactlink.pactomundial.org/plataforma-buenas-practicas-comparte>).

EOB178. ENVIRONMENTAL EDUCATION AND AWARENESS FOR EMPLOYEES

Estimated date of completion: 2021/12/31

Compliance level in 2020:

Evaluation: 2020 period, stand-by valuation.

In this 2020 period, due to the low activity and the security measures implemented by COVID-19, it has not been possible to implement the planned training actions.

As a consequence of the situation derived from COVID-19, which has caused a significant decrease in the activity of the Resort, the objectives were set with a higher volume of visits and overnight stays, so this objective is not in line with the reality of the 2020.

- **T2. Provide environmental training through e-learning for ongoing staff.** Of the planned training on environmental issues, only the training "Updating of legal requirements and other requirements in the 2019-2020 period" has been carried out for the internal team of people involved in the environmental management system and the safety of the facilities.

Task postponed to 2021:

- **T2. Provide environmental training through e-learning for ongoing staff.**

6.2 NON-CONFORMITIES

With the aim of involving staff in the environmental management system (EMS), PortAventura World has carried out an awareness-raising effort aimed at the entire staff and has made them know how to act in the event of detecting any anomaly or non-compliance with the requirements of the environmental management system and how to report it.

The detection of non-conformities is a great challenge for our company, since it helps us to solve existing incidents and act proactively, always focusing our actions on continuous improvement.

Due to the state of alarm caused by COVID-19, it has not been possible to comply with the planning of operational control audits in the different centres to detect possible non-conformities and establish the appropriate corrective measures.



7 EVALUATION OF ENVIRONMENTAL BEHAVIOUR

For the definition of the environmental performance indicators, the Sectoral Reference Document (DRS) approved by Commission Decision 2016/611, of 15th April 2016, regarding the reference document on best environmental management practices, the sectoral indicators of environmental behaviour and the comparative parameters of excellence for the tourism sector has been taken into account.

The results of the indicators mentioned in this section on environmental performance assessment have been affected globally due to the exceptional pandemic situation experienced by COVID-19, which has generated very low activity at the Resort in this period in relation to 2019.

The Resort has maintained minimum activity, throughout the inactivity period, to comply with the legal requirements that affect it, as well as to maintain the ideal conditions of its facilities. For this reason, the result of the environmental performance indicators has been affected by being evaluated by the ratio of visits-overnight stays.

7.1 WASTE

Since the opening of the Resort to the public in 1995, driven by a spirit of respect, improvement and commitment to the environment, PortAventura World has progressively increased the amount of waste fractions segregated at source.

PortAventura World has an area that deals with waste management and, for this purpose, contracts with specialised companies in the sector. These companies are in charge of installing containers for the collection of the different waste fractions, their collection and transport to the authorised manager for their recovery and disposal.

Waste is counted for the whole Resort, so the DRS indicators cannot be taken into account.

WASTE MANAGEMENT

The number of waste fractions generated will always be variable, since the operation of the activity is also variable. Due to the particularity of the facilities, waste varies according to operational needs.

Within the objective of minimising waste generation, we work with contractor companies and our own personnel in recycling and proper use of work materials. In 2020, 35 waste fractions were segregated. The recovery management route is maintained as the main waste management route compared to its elimination.

Below, is a descriptive table with the main characteristics of the waste management carried out at PortAventura World.

WASTE		Type 1 Waste generated by the operation of the business, produced, directly or indirectly, by our clients	Type 2 Waste generated by support activities and company structure
COLLECTION METHOD		Itinerant	Individual
CONTAINERS	Non-hazardous	1 m ³ /5 m ³ /6 m ³ /containers/bulk bags	5 m ³ /14 m ³ /20 m ³ /30 m ³ /containers/bulk bags
	Hazardous	Special bulk bags/150 l cylinders/1 m ³ cubic containers	Special bulk bags/150 l cylinders/1 m ³ cubic containers
COLLECTION POINTS	Non-hazardous	All the Resort	All the Resort
	Hazardous	All the Resort	Green spots in the areas near buildings number 112 and 113 and in the Resort workshops
NON-HAZARDOUS WASTE FRACTIONS		Cooking oil Cardboard Scrap (Kitchen cans) Glass containers Light packaging Mix of waste (banal and MSW) Batteries Plastic Organic waste	<div>Bulky banal</div> <div>Pumpkins</div> <div>Copper wire</div> <div>Cardboard</div> <div>Scrap</div> <div>Glass</div> <div>Glass containers</div> <div>Light packaging</div> <div>Debris</div> <div>Wood</div> <div>Mix of waste (banal and MSW)</div> <div>Batteries</div> <div>Tyres</div> <div>Plastic</div> <div>Vegetable remains, straw</div> <div>Cooking fats</div> <div>Lighting</div>
HAZARDOUS WASTE FRACTIONS		Contaminated packaging	<div>Absorbents</div> <div>Mineral oil</div> <div>Empty aerosols</div> <div>Batteries and accumulators</div> <div>Used waxes and fats</div> <div>Electronic scrap</div> <div>Contaminated packaging</div> <div>Kitchen grease</div> <div>Oil filters</div> <div>Gasoline</div> <div>Hypochlorite out of use</div> <div>Refrigerators</div> <div>Fluorescent</div> <div>Gases in pressure vessels</div> <div>Laboratory chemicals</div> <div>Paint remnants</div> <div>Aqueous cleaning fluids</div> <div>Solvent paint residues</div> <div>organic or hazardous substances</div> <div>Other solvents and solvent mixtures</div> <div>Used Mineral Oil</div> <div>Silicones</div>

It should be noted that some PortAventura World suppliers directly manage their own waste.

EVOLUTION OF THE DIFFERENT WASTE FRACTIONS

Waste	CER	Tons (2018)	t/million visits (2018)	Tons (2019)	t/million visits (2019)	Tons (2020)	t/million visits (2020)
Absorbents	150202	4.91	0.80	3.91	0.61	4.38	4.18
Cooking oil	200125	36.72	5.99	34.53	5.41	7.21	6.89
Mineral oil	130205	2.75	0.45	2.11	0.33	2.47	2.36
Empty aerosols	150111	0.13	0.02	-----	-----	0.16	0.15
Bulky general waste	200307	54.95	8.96	72.46	11.34	16.58	15.85
Batteries and accumulators	200133	2.11	0.34	-----	-----	0.85	0.81
Copper wire	170411	0.66	0.11	-----	-----	1.62	1.55
Cardboard and paper	200101	451.73	73.69	455.12	71.25	138.25	132.11
Pumpkins	200302	3.20	0.52	8.08	1.26	1.70	1.62
Scrap	200140	107.82	17.59	127.18	19.91	63.60	60.78
Electronic scrap	200135	1.56	0.25	7.00	1.10	3.67	3.51
Non-special electronic scrap	200136	10.21	1.67	3.12	0.49	1.03	0.98
Electronic Scrap Game Machines (4)	200113	-----	-----	-----	-----	0.34	0.33
Contaminated packaging	150 110	8.65	1.41	10.19	1.59	4.35	4.15
Flat glass	200102	-----	-----	3.28	0.51	2.96	2.83
Glass containers	150107	74.82	12.20	73.46	11.50	17.12	16.36
Mixed light packaging	150106	225.05	36.71	252.95	39.60	65.17	62.27
Debris	170107	342.76	55.91	310.42	48.60	208.16	198.92
Oil filters	160107	0.25	0.04	-----	-----	0.03	0.03
Fluorescent	200121	1.19	0.19	0.91	0.14	0.93	0.89
Gases in pressure vessels	160504	0.27	0.04	0.38	0.08	-----	-----
Cooking fats	020204	21.62	3.53	35.02	5.48	8.56	8.18
Gasoline (4)	130702	-----	-----	-----	-----	0.02	0.02
Discontinued hypochlorite, other bases (4)	060205	-----	-----	-----	-----	0.07	0.07
Lighting	160214	1.65	0.27	18.17	2.84	3.66	3.50

Waste	CER	Tons (2018)	t/million visits (2018)	Tons (2019)	t/million visits (2019)	Tons (2020)	t/million visits (2020)
Waters with traces of hydrocarbons (1)	130507	-----	-----	21.85	3.42	-----	-----
Wood	200138	162.73	26.54	181.65	28.44	128.23	122.53
Mix of waste (banal and MSW)	200301	1,787.25	291.54	1804.27	282.46	500.37	478.15
Tyres	160103	0.21	0.03	2.78	0.44	0.04	0.04
Refrigerators	200123	1.19	0.19	2.14	0.33	1.31	1.25
Other solvents and solvent mixtures (2)	140603	0.17	0.03	0.23	0.04	-----	-----
Baton batteries	160604	0.35	0.06	0.31	0.05	0.26	0.25
Plastic (no packaging)	200139	14.29	2.33	13.72	2.15	6.33	6.05
Laboratory chemicals	160506	0.19	0.03	0.36	0.06	0.09	0.08
Paint waste containing organic solvents or hazardous substances	080111	0.06	0.01	0.15	0.02	1.70	1.62
Organic waste	200108	586.06	95.60	584.40	91.49	156.10	149.17
Vegetable remains, straw	200201	45.48	7.42	33.76	5.29	16.54	15.81
Polluted land	170503	0.32	0.05	-----	-----	-----	-----
Textile	200111	3.74	0.61	11.20	1.75	1.34	1.28
Toner (3)	080318	0.10	0.02	0.02	0.00	-----	-----
Total tons of waste generated		3,955.14	645.18	4,075.11	638.00	1,365.18	1,304.57

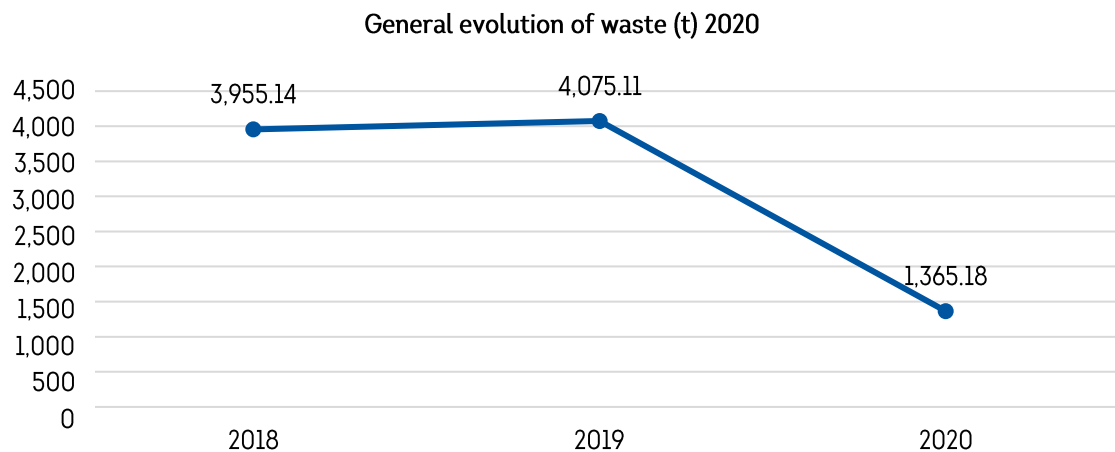
Tons of waste generated rounded to 2 decimal places.

All waste in absolute value has been reduced with the exception of paints that contain organic solvents or dangerous substances as it depends mainly on maintenance activity and investments to carry out improvements.

- (1) CER 130507 Waters with hydrocarbon traces. Not generated in 2020 compared to 2019 since after the inspection of manholes it was not necessary to empty them.
- (2) CER 140603 Other solvents and solvent mixtures. Not generated in 2020 compared to 2019 since this residue depends on the cleaning of maintenance parts by Safety Kleen. Low activity has meant that this waste was not generated in 2020.
- (3) CER 080318 Toner. Not generated since 2018 because it is managed by the company that takes care of the maintenance of printing machines.
- (4) The waste generated in 2020 that was not generated in 2019 is waste derived from the maintenance activity that was prioritized due to the low activity of the Resort derived from the COVID 19 pandemic situation.

	2018	2019	2020
Visits-overnight stays	6,130,308	6,387,655	1,046,462

PortAventura World waste management is carried out jointly for the entire Resort.



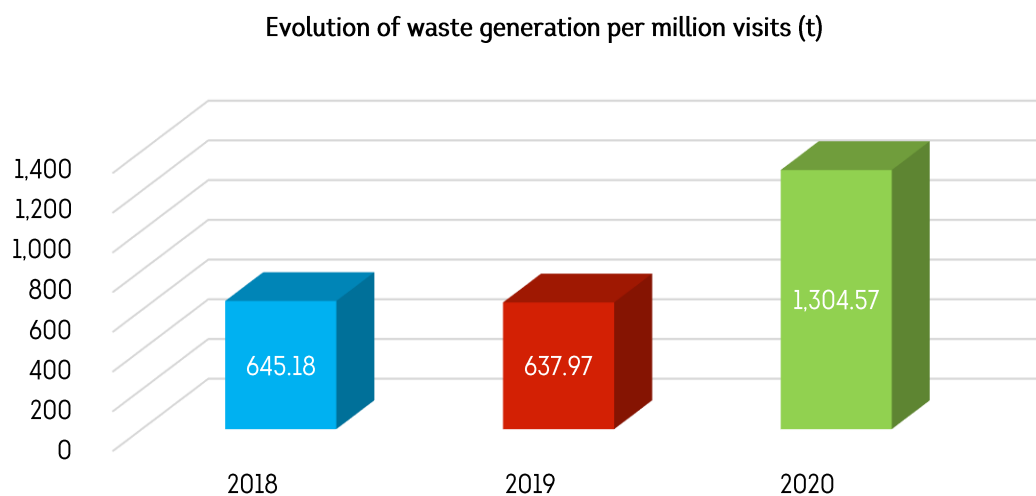
Tons rounded to 2 decimal places.

In absolute values, in 2020, the generation of waste has been reduced by 66.50% compared to 2019.

This reduction in waste is justified by the reduction in the opening months of the Resort to the public.

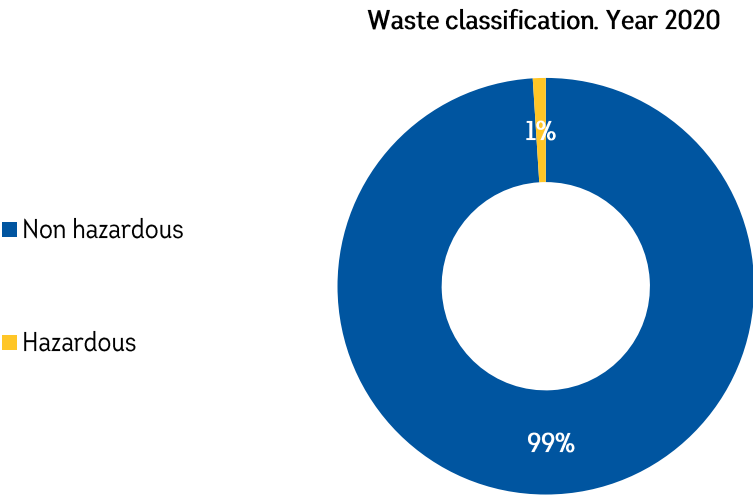
Consequently, the tons of waste per million visits have increased compared to previous years. In 2020, they have increased by 104% compared to 2019, since there is a minimum activity to operate that generates waste regardless of visits to the Resort.

The following graph shows the evolution of waste generation per million visits during the period between 2018-2020.

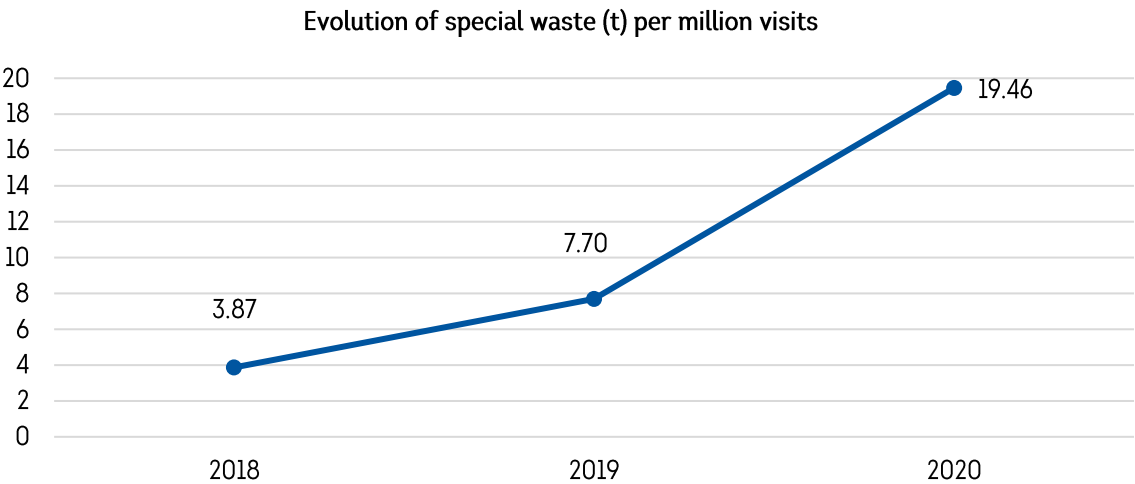


Tons rounded to 2 decimal places.

HAZARDOUS WASTE



In 2020, hazardous waste represented 1% of the total waste generated.

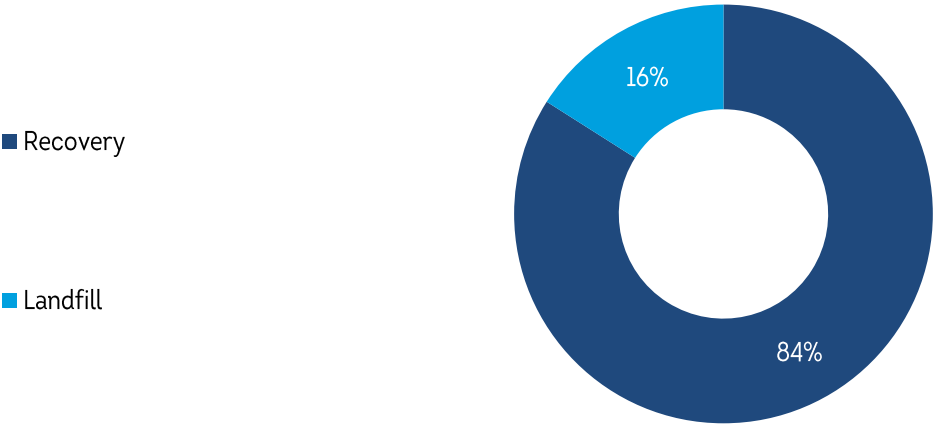


Tons rounded to 2 decimal places.

The increase in hazardous waste is mainly due to waste generated in the minimum maintenance operation, regardless of the overall activity of the park. This fact, added to the low activity of the park due to the COVID-19 pandemic, means the percentage of this waste has increased.

MANAGEMENT ROUTES

Waste has been managed according to the following:



EVOLUTION OF WASTE MANAGEMENT ROUTE DISTRIBUTION			
Management	2018	2019	2020
Recovery (%)	91	91	84
Landfill (%)	9	9	16



7.2 WATER

Water is a fundamental element in the operation and theming of our Resort. We are aware that water is an essential resource for life and that it represents a key factor for the socio-economic, industrial and tourist development of the environment.

PortAventura World's environmental policy establishes the objectives and goals related to water and how our management approach adjusts to public policies and the local context.

WATER ACCORDING TO ITS ORIGIN AND USE

PortAventura World presents different types of water uses:

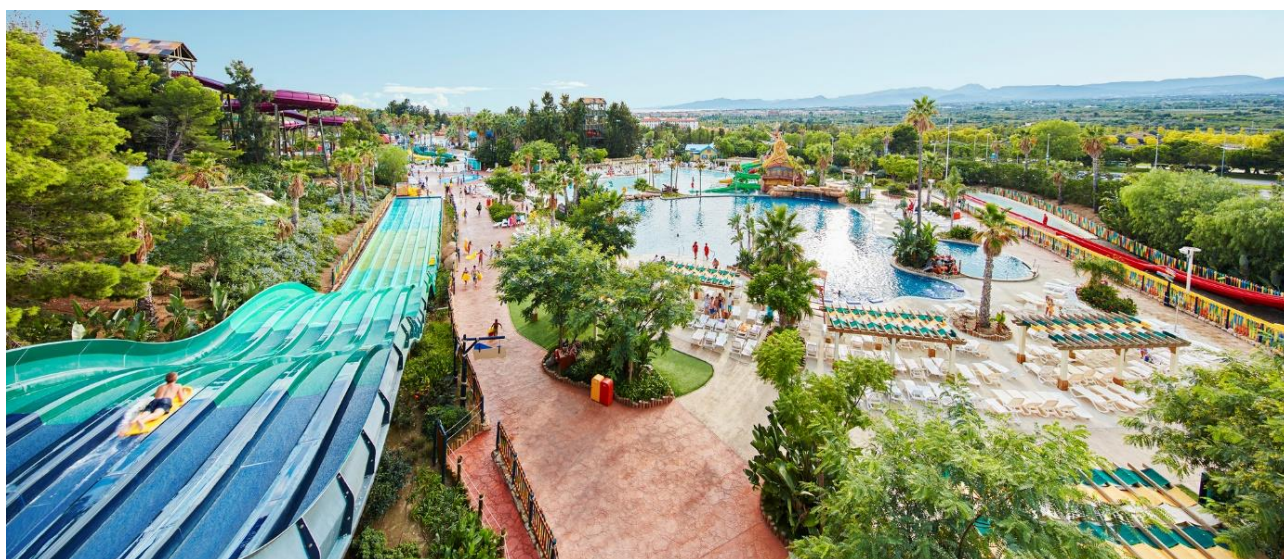
- **Water for human consumption.** Water from the municipal supply that is used mainly in restaurants, toilets, for personal hygiene, cleaning, etc. Its consumption is conditioned, to a large extent, to the behaviour of our clients, the great consumers of water. Almost 100% is transformed into wastewater.
- **Recreational water and bathing water.** Both come from the municipal supply. The recreational water used in aquatic attractions –and also in ornamental fountains– is maintained with adequate residual disinfectant levels according to the internal criteria of the Resort. Bathing water however, is maintained by filtration and treatment, and only a small percentage is discharged as wastewater after washing the filters. Water renovations are carried out according to specific regulations.
- **Reclaimed water for irrigation.** Purified wastewater subjected to an additional or complementary treatment process that allows its quality to be adapted for certain uses: irrigation, in our case. The reclaimed water that is reused in PortAventura World comes from the tertiary treatment of the Wastewater Treatment Plant (WWTP) at Vila-seca (Salou) since 1996 and is used exclusively to irrigate the vegetation.
- **Other waters for irrigation.** Sometimes, the water from the WWTP is not suitable for gardening irrigation, either due to conductivity (concentration of salts), biological contamination or due to its high turbidity. In these situations, when the water is not suitable for irrigation, alternative sources of consumption must be used to guarantee the survival of the plant species.

These consumptions, and therefore their indicators, are totally conditioned by the quality of the water sent by the Vila-seca and Salou WWTP.



Water for human consumption	2018		2019		2020	
Annual water consumption according to origin and utility (m³)	Consumption m³/year	m³ per 1,000 visits-overnight stays/year	Consumption m³/year	m³ per 1,000 visits-overnight stays/year	Consumption m³/year	m³ per 1,000 visits-overnight stays/year
Total Resort	583,484	95.18	694,148	108.67	274,598	262.41
Total parks	293,323	59.11	444,156	85.76	171,025	201.81
PortAventura Park						
PortAventura Caribe Aquatic Park	280,523	71.63	420,231	102.62	169,888	258.65
Ferrari land	12,800	12.24	23,925	22.07	1,137	5.96
Total hotels	289,864	264.93	249,343.27	218.91	103,430	529.95
Hotel PortAventura	109,447	326.72	64,448	298.04	42,386	752.69
Hotel El Paso	41,907	172.03	52,318	164.04	7,108	866.24
Hotel Caribe	77,042	312.93	52,919	250.99	5,118	NA
Hotel Gold River	59,683	235.22	67,386.27	212.40	37,726	389.13
Hotel Mansión de Lucy	1,785	114.31	1,875	113.30	790	135.93
Hotel Colorado Creek*	-----	-----	10,397	175.65	10,301	369.37
PortAventura Dreams Village	-----	-----	-----	-----	12	157.80
PortAventura Convention Centre	297	4.03	649	9.33	131	34.86

* PortAventura Dreams Village began its activity in January 2020.



Water for recreation and for bathing	2018		2019		2020	
Annual water consumption according to origin and utility (m³)	Consumption m³/year	m³ per 1,000 visits-overnight stays/year	Consumption m³/year	m³ per 1,000 visits-overnight stays/year	Consumption m³/year	m³ per 1,000 visits-overnight stays/year
Total Resort	348,824	56.90	329,448	51.58	126,026	120.43
Total parks	208,770	42.07	174,294	33.65	85,618	101.03
PortAventura Park	148,420	41.34	92,456	24.55	78,154	118.99
PortAventura Caribe Aquatic Park	60,350	184.78	81,838	248.07	7,464	NA
Total hotels	140,054	128.01	155,154	136.22	40,408	207.04
Hotel PortAventura	38,004	113.45	39,708	183.63	28,618	508.20
Hotel El Paso	13,137	53.93	13,446	42.16	375	45.70
Hotel Caribe	80,841	328.36	90,958	431.41	134	NA
Hotel Gold River	7,633	30.08	10,000	31.52	5,737	59.18
Hotel Mansión de Lucy	439	28.11	511	30.88	355	61.08
Hotel Colorado Creek	-----	-----	531	8.97	5,189	186.07

Reclaimed water for irrigation from the WWTP	2018		2019		2020	
Annual water consumption according to origin and utility (m³)	Consumption m³/year	m³ per 1,000 m² landscaped areas/year	Consumption m³/year	m³ per 1,000 m² landscaped areas/year	Consumption m³/year	m³ per 1,000 m² landscaped areas/year
Total Resort	363,817	563.32	353,397	526.41	303,731	449.98
Total parks	255,125	524.27	232,593	477.10	204,036	0.42
PortAventura Park / PortAventura Caribe Aquatic Park	238,713	514.04	217,944	468.42	187,698	403.41
Ferrari land	16,412	737.85	14,649	658.59	16,338	734.54
Total hotels	93,390	668.29	106,701	654.03	75,125	460.48
Hotel PortAventura	13,940	411.03	21,810	643.08	11,400	336.13
Hotel El Paso	24,868	1,182.05	26,409	1,255.30	18,523	880.44
Hotel Caribe	43,470	1,335.98	40,020	1,229.95	34,860	1,071.36
Hotel Gold River /	11,112	212.65	18,462	353.31	10,342	197.92

Reclaimed water for irrigation from the WWTP	2018		2019		2020	
Annual water consumption according to origin and utility (m³)	Consumption m³/year	m³ per 1,000 m² landscaped areas/year	Consumption m³/year	m³ per 1,000 m² landscaped areas/year	Consumption m³/year	m³ per 1,000 m² landscaped areas/year
Hotel Mansión de Lucy						
Hotel Colorado Creek	-----	-----	0.00	0.00	0.00	0.00
PortAventura Dreams Village	-----	-----	-----	-----	298	81.46
PortAventura Convention Centre	15,302	785.77	14,103	682.16	24,272	1,174.04

* PortAventura Dreams Village began its activity in January 2020.

Other waters for irrigation	2018		2019		2020	
Annual water consumption according to origin and utility (m³)	Consumption m³/year	m³ per 1,000 m² landscaped areas/year	Consumption m³/year	m³ per 1,000 m² landscaped areas/year	Consumption m³/year	m³ per 1,000 m² landscaped areas/year
Total Resort	619.00	0.96	2,134.00	3.18	2,065.59	3.06
Total parks	490.00	1.01	1,774.00	3.64	1,773.80	3.64
PortAventura Park						
PortAventura Caribe Aquatic Park	456.00	0.98	1,650.00	3.55	1,649.48	3.55
Ferrari land	34.00	1.53	124.00	5.57	124.32	5.59
Total Hotels	129.00	1.20	360.00	2.21	289.79	1.78
Hotel PortAventura	31.00	0.91	103.00	3.04	87.46	2.58
Hotel El Paso	60.00	2.85	188.00	8.94	125.21	5.95
Hotel Gold River						
Hotel Mansión de Lucy	38.00	0.73	70.00	1.32	77.12	1.48
PortAventura Dreams Village	-----	-----	-----	-----	2	0.55

* The Hotel Colorado Creek began operations in July 2019.

Note: The Caribe Hotel, the Colorado Creek Hotel and PortAventura Convention Centre do not consume other waters for irrigation.

** PortAventura Dreams Village started its activity in January 2020.

Note: In the Ferrari Land park and in the PortAventura Convention Centre recreational water or bathing water is not used.

Reclaimed water for irrigation from WWTP (m ³ of water from the municipal supply throughout the Resort)	2018	2019	2020
Total consumption of water from the municipal supply for bathing, for the use of human and recreational consumption in PortAventura World (m ³ per 1,000 visits-overnight stays/year)	152.08	160.25	382.84
Total consumption of water intended for irrigation (m ³ per 1,000 m ² landscaped areas/year)	564.28	529.59	453.04

	2018	2019	2020
Total visits-overnight stays Resort	6,130,308	6,387,655	1,046,462
Total parks	4,962,512	5,179,104	847,461
PortAventura Park	3,589,918	3,765,301	656,832
PortAventura Caribe Aquatic Park	326,611	329,896	0
Ferrari land	1,045,983	1,083,907	190,629
Total hotels	1,094,125	1,139,002	195,168
Hotel PortAventura	334,989	216,239	56,313
Hotel El Paso	243,597	318,928	8,206
Hotel Caribe	246,195	210,839	0
Hotel Gold River	253,729	317,257	96,949
Hotel Mansión de Lucy	15,615	16,549	5,812
Hotel Colorado Creek	0.00	59,190	27,888
PortAventura Dreams Village			75
PortAventura Convention Centre (participants)	73,671	69,549	3,758

	2018	2019	2020
Landscaped areas m ²	645,846	671,336	674,994
Total parks	486,627	487,517	487,517
PortAventura Park	445,365	446,255	446,255
PortAventura Caribe Aquatic Park	19,019	19,019	19,019
Ferrari land	22,243	22,243	22,243
Total hotels	139,745	163,145	163,145
Hotel PortAventura	33,915	33,915	33,915
Hotel El Paso	21,038	21,038	21,038
Hotel Caribe	32,538	32,538	32,538
Hotel Gold River	46,712	46,712	46,712
Hotel Mansión de Lucy	5,542	5,542	5,542
Hotel Colorado Creek	-----	23,400	23,400
PortAventura Dreams Village	-----	-----	3,658
PortAventura Convention Centre	19,474	20,674	20,674



WATER CATEGORISED BY INTENDED USE

Depending on their final destination, the waters of PortAventura World can be classified into:

- Wastewater
- Storm water

The entire PortAventura World Resort has been built on a project of separate networks that allow the different types of water to be directed to the most appropriate final destination.

WASTEWATER

All the wastewater generated at the Resort is conducted through a sewage network to the Vila-seca and Salou Wastewater Treatment Plant (WWTP), where a tertiary treatment is concluded that regenerates the water for use as wastewater irrigation at the Resort, and even in some parks and gardens of the Vila-seca municipality.

Periodically, voluntary internal controls are carried out on the quality of the water discharged in the four existing collectors: Vila-seca, General (Salou), Hotel El Paso and Hotel Caribe. This allows us to have a set of data to promote improvement actions if necessary.

Below are the results of the analysis related to the self-checks of the last 3 years. In 2020, no self-checks were carried out at the Hotel El Paso and Hotel Caribe collectors as these two hotels remain inactive as a result of the COVID-19 pandemic.

	Vila-seca sewer		
	2018	2019	2020
Suspended matter (mg/l)	13	383	120
IM (Equitox/ m ³)	<3.0	<3.0	<3.0
COD (not decanted) (mg O ₂ /l)	27	720	104
COD (decanted 2h) (mg O ₂ /l)	<10	232	85
Conductivity at 25°C (µs/cm)	605	1,553	3,950
pH at 25°C (u)	6.9	6.8	7.5
Chlorides (mg/l)	95.5	107	779.5
Kjeldahl Nitrogen (mg/l)	4.5	57.1	2.6
Total Phosphorus (mg/l)	1	7.2	3.8
Ammonium (mg/l)	4.1	18.6	<0.5
Oils and fats (mg/l)	0.92	two	1.4

Data rounded to 1 decimal place.

	General Salou sewer		
	2018	2019	2020
Suspended matter (mg/l)	54	63	22
IM (Equitox/ m ³)	<3.0	<3.0	<3.0
COD (not decanted) (mg O ₂ /l)	160	42	<10
COD (decanted 2h) (mg O ₂ /l)	90	20	<10
Conductivity at 25°C (µs/cm)	1879	1446	2020
pH at 25°C (u)	7.3	7.1	7.3
Chlorides (mg/l)	286	232	213.5
Kjeldahl Nitrogen (mg/l)	31.1	26.8	1.2
Total Phosphorus (mg/l)	4.4	2.2	1.7
Ammonium (mg/l)	33.9	26.9	<0.5
Oils and fats (mg/l)	<0.50	1.3	<0.50

Data rounded to 1 decimal place.

	Hotel El Paso sewer		
	2018	2019	2020
Suspended matter (mg/l)	51	291	-----
IM (Equitox/ m ³)	<3.0	6.3	-----
COD (not decanted) (mg O ₂ /l)	43	612	-----
COD (decanted 2h) (mg O ₂ /l)	10	304	----
Conductivity at 25°C (µs/cm)	1407	1559	----
pH at 25°C (u)	6.8	6.5	----
Chlorides (mg/l)	267	106	----
Kjeldahl Nitrogen (mg/l)	4	8.4	----
Total Phosphorus (mg/l)	1.5	8.5	----
Ammonium (mg/l)	0.9	0.8	-----
Oils and fats (mg/l)	<0.50	2	-----

Data rounded to 1 decimal place.

	Hotel Caribe sewer		
	2018	2019	2020
Suspended matter (mg/l)	33	195	-----
IM (Equitox/ m ³)	<3.0	4.6	-----
COD (not decanted) (mg O ₂ /l)	37	552	-----
COD (decanted 2h) (mg O ₂ /l)	10	145	-----
Conductivity at 25°C (µs/cm)	2260	1527	-----
pH at 25°C (u)	7.3	6.6	-----
Chlorides (mg/l)	501	174.5	-----
Kjeldahl Nitrogen (mg/l)	7.2	6.1	-----
Total Phosphorus (mg/l)	1.4	5.3	-----
Ammonium (mg/l)	7.7	3.8	-----
Oils and fats (mg/l)	<0.5	1.1	-----

Data rounded to 1 decimal place.

In all the controls that were carried out in 2020, the limits were not exceeded in any of the four collectors according to Decree 130/2003.

STORMWATER

Traditionally, and due to the torrential regime of the Mediterranean, storm water constitutes a testimonial part in water management. However, it should be highlighted that thanks to the water network within the resort that separates waste and storm water, we are able to benefit from some of the rain.



7.3 ENERGY MANAGEMENT

Electrical energy and natural gas are, together with water, the main natural resources consumed at PortAventura World.

ELECTRICITY

PortAventura World has an energy management system that is controlled from a central computer. This system centralises programmable automatons (PLC, Programmable Logic Controller), responsible for the control of the main energy consumption distributed by the park and hotel facilities.

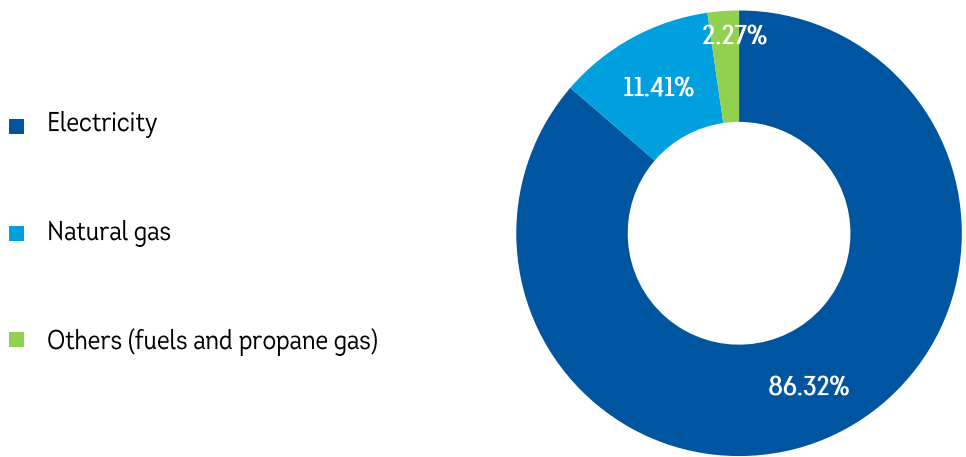
We also have the resources to save electricity and thus mitigate our ecological footprint. Some of the resources we use are: low consumption/LED bulbs, control of electricity consumption through a computer system, etc. In addition, hotels also include a connection key for energy in rooms, disconnection of air conditioning when opening the window, etc.

ORIGIN OF ELECTRICITY

Since 2016, 100% of the supply comes exclusively from renewable energy sources without CO₂ emissions, with Guarantee of Origin (GdO).

Electricity consumption in 2020 represents around 86.32% of total energy consumption at PortAventura World.

Percentage of energy consumption in PortAventura World in 2020



Data rounded to 2 decimal places.

ELECTRICITY CONSUMPTION

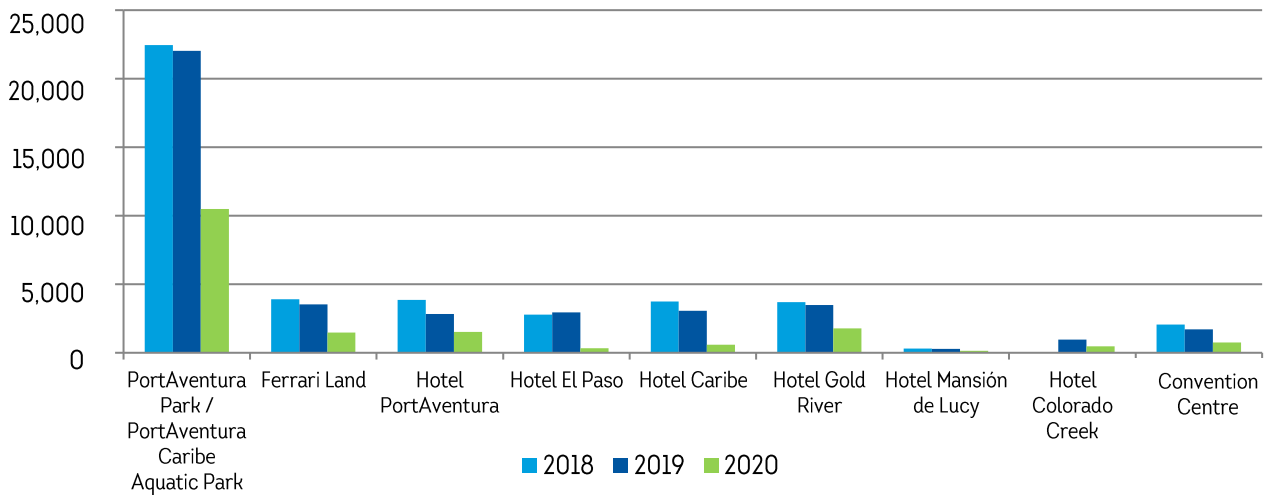
	2018		2019		2020	
	Consumption MWh / year	MWh per 1,000 visits-overnight stays / year	Consumption MWh / year	MWh per 1,000 visits-overnight stays / year	Consumption MWh / year	MWh per 1,000 visits-overnight stays / year
Total Resort	42,789.30	6.98	40,858.82	6.4	17,568.45	16.79
Total parks	26,359.05	5.31	25,566.58	4.94	11,968.62	14.12
PortAventura Park / PortAventura Caribe Aquatic Park	22,455.02	5.73	22,031.64	5.38	10,495.85	15.98
Ferrari Land	3,904.03	3.73	3,534.94	3.26	1,472.78	7.73
Total hotels	14,379.17	13.14	13,586.76	11.93	4,855.70	24.88
Hotel PortAventura	3,864.26	11.54	2,828.98	13.08	1,532.58	27.22
Hotel El Paso	2,776.40	11.4	2,955.49	9.27	339.82	41.41
Hotel Caribe	3,740.71	15.19	3,075.99	14.59	594.45	NA
Hotel Gold River	3,690.45	14.54	3,495.34	11.02	1,773.00	18.29
Lucy's Mansion Hotel	307.36	19.68	278.32	16.82	138.23	23.78
Hotel Colorado Creek*	-----	-----	952.65	16.09	477.63	17.13
PortAventura Dreams Village *	-----	-----	-----	-----	1.33	17.67
PortAventura Convention Center	2,051.07	27.84	1,705.48	24.52	742.81	197.66

* The Hotel Colorado Creek began its activity in July 2019 and PortAventura Dreams Village began its activity in January 2020.

Data rounded to 2 decimal places.

Note: the data related to visits and overnight stays at the Resort can be consulted on page number 41.

Electricity consumption in MWh



NATURAL GAS

This type of energy is used, mainly, in our centres for the production of domestic hot water and in the kitchens, as well as for heating.

	2018		2019		2020	
	Consumption MWh/year	MWh per 1,000 visits-overnight stays/year	Consumption MWh/year	MWh per 1,000 visits-overnight stays/year	Consumption MWh/year	MWh per 1,000 visits-overnight stays/year
Total Resort	9,977.52	1.63	8,195.14 **	1.28	2,322.87	2.22
Total parks	1,783.94	0.36	1,581.69	0.31	414.85	0.49
PortAventura / PortAventura Caribe Aquatic Park	1,711.49	0.44	1,516.49	0.37	405.90	0.62
Ferrari Land	72.45	0.07	65.20	0.06	8.95	0.05
Total hotels	8,188.49	7.48	6,609.25	5.80	1,902.66	9.75
Hotel PortAventura	3,000.03	8.96	1,526.69	7.06	1,013.03	17.99
Hotel El Paso	1,220.55	5.01	1,303.91	4.09	34.53	4.21
Hotel Caribe	1,744.61	7.09	1,294.65	6.14	2.08	NA
Hotel Gold River / Hotel Mansión de Lucy	2,223.30	8.27	2,106.47	6.31	704.89	6.86
Hotel Colorado Creek *	-----	-----	377.54	6.38	148.13	5.31
PortAventura Convention	5.09	0.07	4.21	0.06	5.37	1.43

	2018		2019		2020	
	Consumption MWh/year	MWh per 1,000 visits-overnight stays/year	Consumption MWh/year	MWh per 1,000 visits-overnight stays/year	Consumption MWh/year	MWh per 1,000 visits-overnight stays/year
Centre						

* The Colorado Creek Hotel began its activity in July 2019.

Data rounded to 2 decimal places.

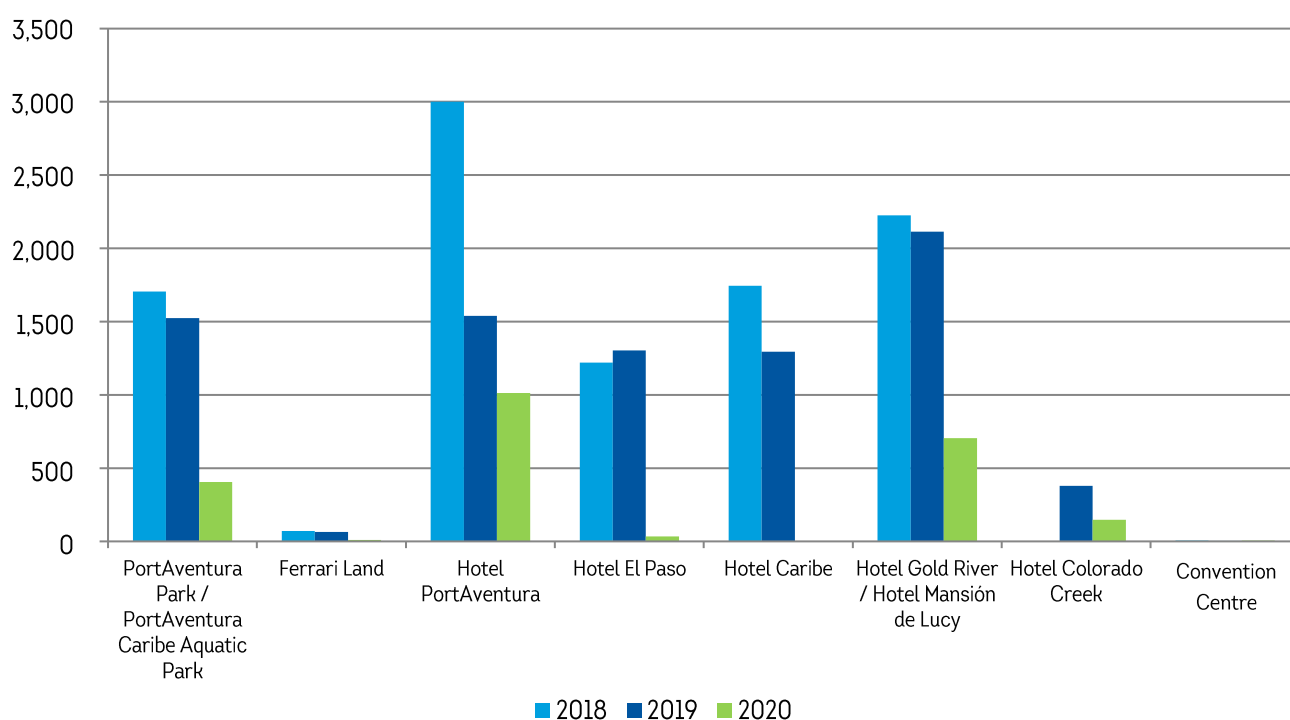
Note: the data related to visits and overnight stays at the Resort can be consulted on page number 41.

** The actual natural gas consumption data for the month of December 2019 is updated, shown in the previous environmental statement based on meter reading.

*** This site has not received visits during the year 2020 and the value of the indicator consumption / visits-overnight stays is not applicable.

**** PortAventura Dreams Village does not use the natural gas resource.

Gas consumption in MWh



The savings in the consumption of natural gas and electricity are the result of the intensification in the tasks dedicated to monitoring and controlling consumption, the renewal plan for LED-type lighting and the change of capacitor banks to improve energy efficiency.

OTHER ENERGY

	2018	2019	2020
Fuels (MWh / year)	1,111	1,016 *	452
Propane gas (MWh / year)	103	119	9.88

The indicator of this consumption by number of visitors is not representative due to the high number of visitors that the Resort receives.

* In 2019, the fuel consumption of the fleet of vehicles that are not owned by PortAventura World, but which do have management control, is incorporated. The calculation has been made by distributing the diesel and gasoline of these vehicles according to the distribution by autonomous community, type and fuel corresponding to the year 2018 published by the General Directorate of Traffic (DGT).



ENERGY EFFICIENCY

The energy efficiency of the entire Resort is the sum of all energy consumption (electricity, natural gas, fuel and propane gas) in MWh/year.

	2018 (MWh)	2019 (MWh)	2020 (MWh)
Diesel B	60.26 *	31.52 **	0
Diesel A ****	773.47 *	650.38 **	289.87
Gasoline****	277.31 *	333.98 **	162.25
Propane gas consumption	103.02	119.4	9.88
Consumption of natural gas	9,977.52	8,195.14 ***	2,322.88
Electricity consumption	42,789.30	40,858.82	17,568.45
Total	53,980.88	50,189.24 ***	20,353.34

* In 2018, fuel consumption from the months of August to December was calculated from an estimate since actual consumption data was not available due to a fault in the meter at the internal service station.

** In 2019, it must be taken into account that one of the internal gas stations was closed from 27/12/18 to 23/04/19, from 07/08/19 to 14/08/19 and from 12/11/19 to 16/12/19 and, during its closure, there were restrictions of use to certain users.

*** The actual natural gas consumption data for the month of December 2019 is updated, shown in the previous environmental statement from the meter reading.

**** In 2019, the fuel consumption of the fleet of vehicles managed by PortAventura World is incorporated. The calculation has been made by distributing the diesel and gasoline of these vehicles according to the distribution by autonomous community, type and fuel corresponding to the year 2018 published by the DGT.

The total energy consumption in MWh and the visits-overnight stays in 2020 are as follows:

	Total energy in MWh (2020)	Visits-overnight stays (2020)
Resort	20,353.34	1,046,462

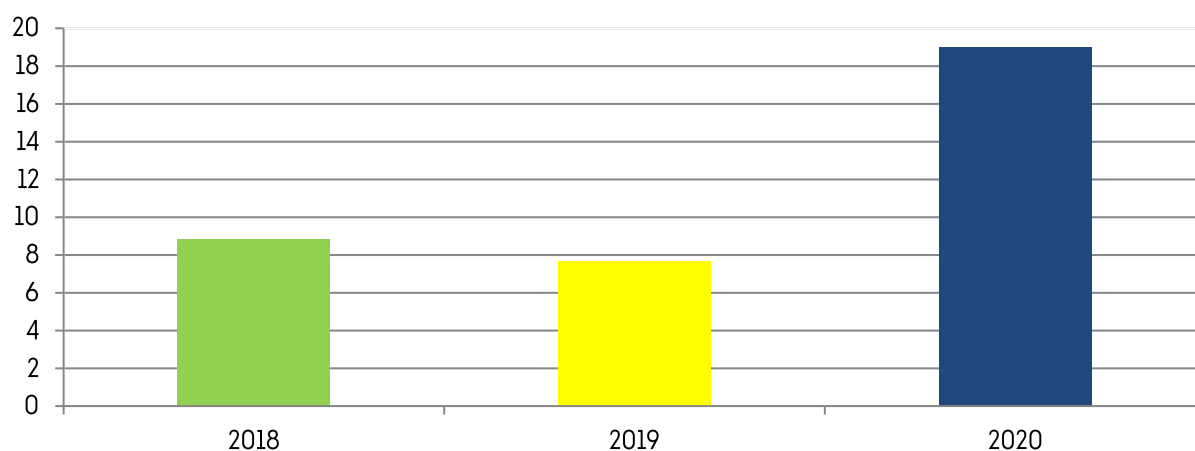
* Data rounded to 2 decimal places.

Energy efficiency in MWh is relativised by 1,000 visits-overnight stays/year. The results of the last 3 years are shown below:

	2018	2019	2020
Total energy consumption in MWh relativised by 1,000 visits-overnight stays/year	8.81	7.86	19.45

Data rounded to 2 decimal places.

Energy efficiency in MWh per 1,000 visits-overnight stays



7.4 EMISSIONS TO THE ATMOSPHERE

The environmental impact on air quality derived from the activity of direct and indirect emission sources at PortAventura is limited and is not relevant to our activity.

The emission points are diesel steam train locomotives, natural gas heating or hot water boilers, carpentry and painting, motor vehicles and natural gas combustion in the Temple of Fire and FiestAventura, and the generation of domestic hot water and heating.

The last voluntary measurement was carried out in 2018, without requiring corrective measures in this regard.

The last two points are considered diffuse emissions and are managed by controlling consumption. It is considered that the indicator of total annual emissions to air of SO₂, NO_x and PM derived from the direct consumption of liquid fuels used for transportation is not relevant if we take into account all the activity of PortAventura World.

7.5 CARBON FOOTPRINT/GREENHOUSE GAS EMISSIONS

PortAventura World calculates the carbon footprint of its activity and quantifies the greenhouse gas emissions expressed in tons of CO₂. The calculations are based on the Practical Guide for the calculation of gas emissions with the effect of winter (GEH) of the Catalan Office for Climate Change, according to the current annual version, *Source for the calculation of emission factors: practical guide for the calculation of gas emissions with the effect of winter (GEH)*.

This calculation includes the following categories:

Year 2020:

- Direct emissions (scope 1): consumption of fuels from stationary sources, consumption of fuels from mobile sources and fugitive emissions.
- Indirect emissions associated with the electricity purchased (scope 2): electricity consumption.
- Indirect emissions (scope 3): commuting personnel and business trips, and services used by the organisation, including waste treatment (municipal or similar) and water consumption.

	2018	2019 *	2020 **
Total annual greenhouse gas emissions expressed in equivalent tons of CO₂	6,961	7,838	4,351
Direct greenhouse gas emissions (scope 1)	5,180	6,014	3,019
Indirect greenhouse gas emissions associated with electricity (scope 2)	0	0	0
Other indirect greenhouse gas emissions (scope 3)	1,781	1,824	1,332
Annual greenhouse gas emissions expressed in equivalent tons of CO₂ per 1,000 visits-overnight stays and year¹	1.14	1.23	4.16

¹Data rounded to 2 decimal places.

Note: since 2016, indirect emissions associated with electricity consumption are 0 tons of CO₂/kWh because 100% of the supply comes exclusively from renewable energy sources without CO₂ emissions, with Guarantee of Origin (GdO).

* The actual natural gas consumption data for the month of December 2019 is updated, shown in the previous environmental statement and estimated from the meter reading.

* In 2019, the fuel consumption of the vehicles managed by PortAventura World was incorporated. The calculation was made by distributing the diesel and gasoline of these vehicles according to the distribution by autonomous community, type and corresponding fuel published by the DGT according to the version in force. For 2020 this criterion has also been used.

** In 2020, indirect emissions from commuting personnel and business trips are included.

** For the calculation of greenhouse gas emissions for the 2020 period, the source for calculating emission factors used was *Guia pràctica per al càlcul d'emissions de gasos d'efecte hivernacle (GHG)* (April 2021 version).

In 2021 we will compensate 100% of the direct and indirect greenhouse gas emissions generated in 2020 by the development of our activity, according to the scopes shown in this document, calculated using the emission factors of the *Guia pràctica per al càlcul d'emissions de gasos d'efecte hivernacle (GHG)* of the Catalan Office for Climate Change, according to the version of April 2021.

2020 emissions will be offset by purchasing carbon credits to protect and conserve one of the most important migration corridors on our planet. Located on the coast of Guatemala and with an area of 54,000 hectares, the project is located in the forest area of the corridor and is the natural habitat of 10% of known bird species in the world. Climate finance works to protect

the remaining forests of the Guatemala Conservation Coast region by talking to those who encourage deforestation regarding effective law enforcement, land use planning, education, economic opportunities, and sustainable agroforestry initiatives. There are also important benefits for biodiversity. More than 400 species of birds have been documented in the project area and 120 species depend on the corridor to sustain their long journeys. The Guatemala Conservation Coast project protects the habitat of a large number of mammals and reptiles, including 30 species of high conservation value (HCV).



7.6 BIODIVERSITY

m² built:

	2018	2019	2020
PortAventura Park	262,852.11	264,649.58	265,248.08
PortAventura Caribe Aquatic Park	5,832.36	5,832.36	5,832.36
Ferrari land	58,872.46	58,872.46	58,872.46
Hotel PortAventura	33,839.91	33,839.91	33,839.91
Hotel El Paso	26,827.69	26,827.69	26,827.69
Hotel Caribe	30,708.47	30,708.47	30,708.47
Hotel Gold River/Hotel Mansión de Lucy	36,851.04	36,851.04	36,851.04
PortAventura Convention Centre	13,588.61	18,350.39	18,350.39
Hotel Colorado Creek	-----	10,295.60	13,097.64
PortAventura Dreams Village	-----	1,790.25	1,790.25
Total	469,372.65	488,017.75	491,418.29

Data rounded to 2 decimal places.

Sealed surface:

	2019	2020
Total m²	2,029,337	2,029,337
m² sealed	1,001,179.75	1,007,599.19
Percentage of m² sealed	49.34%	49.65%

Data rounded to 2 decimal places.

The sealed area is the sum of the m² built, the roads, the parking lots and the water surface of the total Resort.

7.7 EFFICIENCY IN THE CONSUMPTION OF SOME MATERIALS

Materials	Environmental Appearance	2018	2019	2020
Chemicals in the maintenance of pools and lakes (kg) *	Consumption of chemical products	813,599.00	673,927.80	360,478.99
Lighting (You.)	Light emission to the atmosphere	21,211	18,413	6,228
Bags for sale of products in Resort stores (units) **	Consumption of natural resources	478,192	572,966	165,263
Cleaning products (kg) *	Consumption of chemical products	104,467.11	99,311.80	49,550.71
Greases and lubricants (kg) *	Consumption of chemical products	8,611.80	7,805.89	3,750.50
Office paper (kg) *	Consumption of natural resources	19,531.60	19,230.80	5,626.00

* Data rounded to 2 decimal places.

** In 2020, the bag consumption of the new references consumed was included.





8 LEGAL REQUIREMENTS REGARDING THE ENVIRONMENT AND INDUSTRIAL SAFETY

One of the principles of the PortAventura World Environmental Policy is to ensure compliance with legal requirements regarding the environment and other voluntary requirements to which it subscribes.

Through an external company specialised in legal regulations, PortAventura World has updated the identification and evaluation of compliance with the applicable legal requirements and other requirements that we are voluntarily subscribed to. This identifies the regulations applicable to the organisation and has its scope in environmental and industrial safety matters at the international, European, state, regional and local levels, as well as other requirements that are managed and controlled by means of a computer application.

Annually, a group of experts carry out the assessment of legal compliance in order to ensure that the company complies with the applicable legal requirements. Likewise, according to the regulatory periodicity, the company undergoes audits carried out by accredited control entities that verify strict regulatory compliance with respect to the environment and industrial safety.

In 2020, regulations were affected as a result of the spread of the COVID-19 virus worldwide and the declaration of a state of alarm in Spain and a long list of new regulations that PortAventura World had to deal with. This new legal system, especially focusing on the safety of people, has affected regulations at environmental and industrial safety levels. Below, are the most important regulations and the actions that PortAventura World has implemented for its success in compliance:

Legal reference	Scope
Royal Decree 537/2020, of 22 May, which extends the state of alarm declared by Royal Decree 463/2020, of 14 March, which declares the state of alarm for the management of the health crisis situation caused by COVID-19.	COVID-19 Environment
Resolution TES / 1034/2020, of 14 May, which rehabilitates the terms of different procedures related to potentially polluting activities of the atmosphere processed by the General Directorate of Environmental Quality and Climate Change that were suspended by the third additional provision of Royal Decree 463/2020, of 14 March, which declares the state of alarm for the management of the health crisis situation caused by COVID-19.	COVID-19 Environment
Resolution TES / 996/2020, of 11 May, which extends the deadlines for carrying out controls and measurements on emissions to the atmosphere and extends the validity of the calibration functions and follow-up tests, as a result of the health crisis situation caused by COVID-19.	COVID-19 Atmosphere
Resolution TES / 973/2020, of 7 May, which rehabilitates the terms of different procedures processed by the General Directorate of Environmental Quality and Climate Change that were suspended by the third additional provision of Royal Decree 463/2020, of 14 March, declaring the state of alarm for the management of the health crisis caused by COVID-19.	COVID-19 Environment
Decree Law 11/2020, of 7 April, which adopts economic, social and administrative and other complementary measures to alleviate the effects of the pandemic generated by COVID-19.	COVID-19 Environment
Order SND / 271/2020, of 19 March, which establishes instructions on waste management in the health crisis caused by COVID-19.	COVID-19 Environment

Decree Law 7/2020, of 17 March, on urgent measures in matters of public procurement, health and sanitary waste management, transparency, public transport and tax and economic matters.	COVID-19 Environment
Order SND / 325/2020, of 6 April, which establishes interpretive criteria and extends the validity of the certificates of verifications and preventive maintenance established in the industrial and metrological safety regulation.	COVID-19 Industrial Safety

The following table lists some of the legal requirements applicable to PortAventura World to comply with current legislation:

Vector	Legal provision	Legal requirements
Environmental authorisation	Law 20/2009, of 4 December, on prevention and environmental control of activities.	The environmental authorisation resolution of PortAventura World was available on 31 July 2013, as well as its subsequent resolutions of non-substantial changes. For example: Angkor (2014) or the expansion of the Hotel Gold River (2014), Hotel Mansión de Lucy (2015), the Opening of Ferrari Land (2016), the Hotel Colorado Creek (2019) and PortAventura Dreams Village (2021).
Water consumption	Royal Legislative Decree 1/2001, of 20 July, which approves the revised text of the Water Law.	The reclaimed water concession is available, through which the concession for the use of reclaimed water from the Vila-seca and Salou WWTP is granted for the irrigation of green areas in parks and hotels.
Water discharge	Decree 130/2003, of 13 May, approving the Regulation of Public Sanitation Services.	The 2013 environmental authorisation is available, which includes the wastewater discharge permit.
Noise	Decree 176/2009 of 10 November, which approves the Regulation of Law 16/2002 of 28 June, on protection against noise pollution, which is adapted in its annexes.	Regarding noise emissions, this vector is controlled through the document for exemption from periodic regulatory controls provided for by law 20/2009, for companies adhering to EMAS.
Atmosphere	Regulation (EU) No. 517/2014 of the European Parliament and Council, of 16 April 2014, on fluorinated greenhouse gases and by which Regulation (EC) No. 842/2006 is repealed.	Leak controls are carried out on equipment containing fluorinated gases according to the frequency established in the Regulation based on the equivalent tons of CO ₂ .
Atmosphere	Decree 190/2015, of 25 August, developing Law 6/2001, of 31 May, on environmental management of lighting for the protection of the night environment.	Applicable for newly installed lighting fixtures and installations, as well as for modifications and extensions to existing installations.
Waste	Law 22/2011, of 28 July, on waste and contaminated soils. Royal Decree 553/2020, of 2 June, which regulates the transfer of waste within the territory of the State.	Waste is managed and measures are promoted to prevent its generation and mitigate the adverse impacts on human health and the environment associated with its generation and management, prioritising the recovery of waste.
Waste	Law 3/2020, of 11 March, on the prevention of food loss and waste.	In compliance with Law 3/2020 for the prevention of food loss and waste, we have drawn up a procedure for the management of customers' leftover food. We have also acquired recyclable packaging suitable for food use to make it easier for the client to take the food that he has not consumed at the Resort's catering points at no additional cost. These packages, called Doggy Bags, include an instruction label to safely consume the food.
Waste	Royal Decree 180/2015, of 13 March, which regulates the transfer of waste within the territory of the State.	The contracts and prior notifications with the corresponding waste managers are available.
Energy efficiency	Royal Decree 56/2016, of 12 February, which transposes Directive	The corresponding energy efficiency audit has been carried out.

Vector	Legal provision	Legal requirements
	2012/27 / EU of the European Parliament and of the Council, of 25 October 2012, on energy efficiency, with regard to energy audits, accreditation of energy service providers and auditors and promotion of energy supply efficiency.	
Environmental Quality Badge	Resolution TES / 2807/2016, of 28 November, which establishes the environmental criteria for the granting of the environmental quality guarantee label to hotel establishments.	The following Environmental Quality Assurance Badges are available for: <ul style="list-style-type: none"> - Hotel PortAventura, - Hotel El Paso - Hotel Caribe - Hotel Gold River. - Hotel Mansión de Luc.
Energy efficiency	Royal Decree 235/2013, of 5 April, which approves the basic procedure for certifying the energy efficiency of buildings. Royal Decree 564/2017, of 2 June, which modifies Royal Decree 235/2013, of 5 April, which approves the basic procedure for certifying the energy efficiency of buildings.	Applicable to newly constructed buildings: Hotel Gold River, ChikiTienda, Angkor, The Callaghan's, the buildings in the Ferrari Land area, the Convention Centre expansion and the Hotel Colorado Creek and PortAventura Dreams Village. It does not currently apply to the rest of the buildings.
Self-protection plan	Decree 30/2015, of 3 March, which approves the catalogue of activities and centres obliged to adopt self-protection measures and sets the content of these measures.	Approved by Civil Protection on 8 October 2013. In 2017, the PAU was reviewed and on 19/09/2019 it was approved by Civil Protection.
Fire protection	Royal Decree 513/2017, of 22 May, approving the Regulation of fire protection installations.	The maintenance of the fire protection installations and the quarterly, semi-annual and annual review of the fire protection systems are carried out, as well as the five-year review of the equipped fire hydrants.
Thermal installations	Royal Decree 238/2013, of 5 April, which modifies certain articles and technical instructions of the Regulation of Thermal Installations in Buildings, approved by Royal Decree 1027/2007, of 20 July.	The energy efficiency of the air conditioning system installations with a nominal useful power installed equal to or greater than 12 kW is inspected. Thermal installations in heating and domestic hot water systems with a power equal to or greater than 20 kW are inspected.
High voltage	Royal Decree 337/2014, of 9 May, which approves the Regulation on technical conditions and safety guarantees in high voltage electrical installations and its Complementary Technical Instructions ITC-RAT 01 to 23.	High voltage installations are legalised, and the corresponding inspections are carried out.
Hazardous goods	Royal Decree 97/2014, of 14 February, which regulates hazardous goods transport operations by road in the Spanish territory.	There is a Security Advisor. The annual report is delivered to the relevant body in the first quarter of the year. The annual technical visit is carried out with its corresponding report.
Chemical storage	Royal Decree 656/2017, of 23 June, approving the Regulation for the Storage of Chemical Products and its Complementary Technical Instructions MIE APQ 0 to 10.	If new storage of chemical products is required, it will be carried out in accordance with the provisions of this Royal Decree.
Waste	Royal Decree 210/2018, of 6 April,	The Programme for the Prevention and Management of Waste and

Vector	Legal provision	Legal requirements
Waters for human consumption	which approves the Programme for the Prevention and Management of Waste and Resources of Catalonia (PRECAT20).	Resources of Catalonia is taken into account, which determines on a programmatic basis the planning of the Government of Catalonia for the prevention and management of waste and the efficient use of resources.
	Royal Decree 902/2018, of 20 July, which modifies Royal Decree 140/2003, of 7 February, which establishes the sanitary criteria of the quality of water for human consumption, and the specifications of the methods of analysis of Royal Decree 1798/2010, of 30 December, which regulates the exploitation and marketing of natural mineral waters and spring waters packaged for human consumption, and of Royal Decree 1799/2010, of 30 December, by which the process of elaboration and marketing of pre-packaged water for human consumption is regulated.	Control analyses of water for human consumption are carried out according to the parameters and in accordance with the provisions of art. 18 of Royal Decree 140/2003.
Atmosphere	Decree 139/2018, of 3 July, on the atmospheric environmental intervention regimes of the establishments where potentially polluting activities of the atmosphere are carried out.	All the emitting sources are registered in the electronic registry of the Generalitat de Catalunya (Government of Catalonia) as they are put into operation.
EMAS	Commission Regulation (EU) 2018/2026, of 19 December 2018, amending Annex IV of Regulation (EC) No. 1221/2009 of the European Parliament and of the Council, regarding the voluntary participation of organisations in a Community Environmental Management and Audit System (EMAS).	Modification of Annex IV of Regulation (EC) No. 1221/2009, on presentation of environmental reports.
Hazardous goods	Amended text of Annexes A and B of the European Agreement on the international transport of hazardous goods by road (ADR 2019) with the Amendments adopted during the 100th, 101st, 102nd, 103rd and 104th meetings of the Dangerous Goods Transport Working Group of the United Nations Economic Commission for Europe (UNECE).	Comply with instructions regarding the international transport of hazardous goods by road (ADR) contained in this standard; both those actions necessary to send merchandise before carrying out the transport itself (classification, choice of containers, generation of documentation, controls prior to the departure of the journey, etc.) and the movement and choice of the vehicle, driving, choice of driver and equipment.
Renewable energy	Decree Law 16/2019, of 26 November, on urgent measures for the climate emergency and the promotion of renewable energies.	The implementation of small-power and solar wind installations, in activities that have an environmental authorisation or environmental license in accordance with Law 20/2009 on prevention and environmental control of activities, is considered a non-substantial modification without consequence for people or the environment.
Refrigeration installations	Royal Decree 552/2019, of 27 September, approving the Safety Regulation for refrigeration facilities and its complementary technical instructions.	This RD repeals Royal Decree 138/2011. The most significant change is the introduction of a new subgroup of A2L refrigerants within the medium security group (L2), which would allow some gases such as R32 to benefit from their use as they are considered safer.



9 VALIDATION

Environmental statement in accordance with the requirements established in Annex IV of European Regulation (EU) 2018/2026 of the Commission of 19 December 2018 amending Regulation (EC) No. 1221/2009 of the European Parliament and of the Council, regarding voluntary participation of organisations in a Community Environmental Management and Audit Scheme (EMAS).

Verification carried out by TÜV Rheinland Ibérica on March 2, and between May 31 and June 4, 2021.

TÜV Rheinland Ibérica,

Inspection, Certification and Testing, SA (004-V-EMAS-R)

Entity No. ES-V-0010

Almudena

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