



Made to Remember

# 2022

## ENVIRONMENTAL STATEMENT



We create unforgettable experiences  
that have a positive impact on people  
while caring for the planet.



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# 1 PORT AVENTURA ENTERTAINMENT, S.A. UNIPERSONAL



100 % PAESA ENTERTAINMENT HOLDING, S.L.U.

## 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](http://www.portaventuraworld.com)
- **TAX ID CODE:** A-63.776.306
- **PortAventura Park/PortAventura Caribe Aquatic Park/Ferrari Land – Classification of Economic Activities (CNAE) Parks:** 93.21
- **PortAventura Hotels, El Paso, Caribe, Gold River, Colorado Creek, Mansión de Lucy – Classification of Economic Activities (CNAE) Hotels:** 55.10
- **Convention Center – Classification of Economic Activities (CNAE):** 82.30
- **PortAventura Dreams Village**
- **Waste producer code:** P-26916.1
- **EMAS registration number:** ES-CAT-000070
- **ISO 14001:2015 certificate registration number:** 3.00.07048
- **Environmental quality guarantee seal at the PortAventura, El Paso, Caribe and Gold River hotels.**
- **Member of Club EMAS:** Association of EMAS registered organizations in Catalonia ([www.clubemas.cat](http://www.clubemas.cat))
- **Corporate Responsibility Area:** Responsible for the PortAventura World Environmental Management System (EMS)
- **Environmental investment in the year 2022:** €757,550.32



## 1.2 PORTAVENTURA PARK: THEMATIC AREAS

### PORTAVENTURA PARK (PAP)

6 completely different fascinating worlds, decorated down to the last detail: Mediterrànea, Polynesia, China, Mexico, Far West and SésamoAventura.

It offers more than 40 attractions, daily shows for all ages, 49 restaurants, as well as more than 31 shops and 15 play areas for the whole family:

#### Mediterrànea

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

#### Polynesia

Recreates Polynesia at the end of the 19th century, which was discovered by sailors such as Captain Cook and painted by great master painters such as Gauguin.

#### SésamoAventura

An area specially designed for children to enjoy accompanied by all the characters from Sesame Street®.

#### China

An exotic monumental journey through the four eastern zones: Popular China, Imperial China, the Himalayas and Cambodia.

#### Mexico

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

#### Far West

Recreates an American town full of the cowboy spirit down to the tiniest detail: from an authentic saloon to a railway station, a mining area... and even a replica of the Grand Canyon in Colorado.





## PORTAVENTURA CARIBE AQUATIC PARK (CAP)

A fantastic water park with spectacularly theming inspired by Caribbean islands during the time of the pirates of the South Seas.

Covering a total area of 50,000 m<sup>2</sup> it has 9 restaurants, 1 shop, 16 attractions and slides, waterfalls, huge pools, green areas full of plants and palm trees.





## FERRARI LAND (FL)

A theme park unique in Europe with 70,000 m<sup>2</sup> of fun. It has 16 fantastic attractions and games, a children's area with 5 attractions specially designed for the youngest, incredible theming inspired by the authentic Italy and shows. There are also 9 restaurants and 5 shops.



### Our parks' environmental certifications/seals



Sistema de  
Gestión  
ISO 14001:2015

www.tuv.com  
ID 9105033144



## 1.3 OUR HOTELS



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

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. And with direct access to PortAventura Park through the Mediterrànea area.



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

Designed in a 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” option.



**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 which contains sand), a shop and a Wellness Centre.



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

Recreates a gold-rush town from the Wild West. It has 549 rooms, distributed in different buildings that recreate the most significant parts of a Far West town. 78 of these rooms are located in the exclusive The Callaghan's building. It also has three swimming pools, six restaurants 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 located in a Victorian-style building. It has 31 spacious rooms with all sorts of amenities, making them the most exclusive rooms in the Resort. It has a swimming pool, a restaurant, a bar and direct access to the Far West area of PortAventura Park.



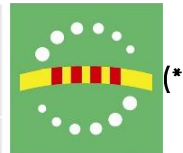
#### Hotel Colorado Creek (HCO): HT-004868 \*\*\*\*

Located in the Far West hotel complex, the Hotel Colorado Creek\*\*\*\* has two buildings containing 150 and 141 spacious and exclusive rooms. It also has 48 cabins that offer a unique and special atmosphere. The hotel has a spacious lobby, a buffet, a bar, a pool bar, and a swimming pool for adults as well as a children's pool. In addition, it offers direct access to the Far West area of PortAventura Park.

### Our hotels' environmental certifications/seals



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(\*) 2022: The PortAventura, El Paso, Caribe and Gold River hotels have the environmental quality seal issued by the Generalitat de Catalunya.

## 1.4 CONVENTION CENTRE (CDC)

PortAventura Convention Centre encompasses design, versatility and sustainability in a natural environment, with large spaces, a building completely integrated into the Mediterranean environment, whose distribution takes into account sustainability and respect for the environment. Work has been carried out in the planning and construction phase to make the best use of natural resources and to minimize its environmental impact. Among other features, the building has natural light in the vast majority of its rooms. Its management prioritizes the saving, recycling and reuse of water and energy resources. The building is fully accessible to people with reduced mobility. All rooms have access to the outside, allowing guests to enjoy unbeatable views of both the sea and the golf courses.

The Convention Centre has 24 multifunctional, modular and versatile rooms across its 20,000 m<sup>2</sup> floor area, distributed on two levels, suitable for accommodating groups of 10 to 6,000 people. It is the perfect space for organizing any type of event, congress, convention or incentive trip.





## 1.5 PORTAVENTURA DREAMS VILLAGE (PADV)

Pioneering project in Europe of the PortAventura Foundation, designed as a space for entertainment and interaction, with the aim of generating a positive psychological impact on its visitors, while creating new moments for families to bond. The project focuses on children aged between 4 and 17 who suffer from (or have suffered from) serious illnesses. The village, a space of covering 8,850 m<sup>2</sup>, has six 135 m<sup>2</sup> homes free of architectural barriers. The selected families enjoy a six-day stay completely free of charge. The package, in addition to accommodation in the villas, includes access to the three PortAventura World parks and exclusive activities within the village itself.



PortAventura Convention Centre and PortAventura Dreams Village environmental certifications/seals



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## 2 COMMITTED TO THE ENVIRONMENT FROM THE BEGINNING

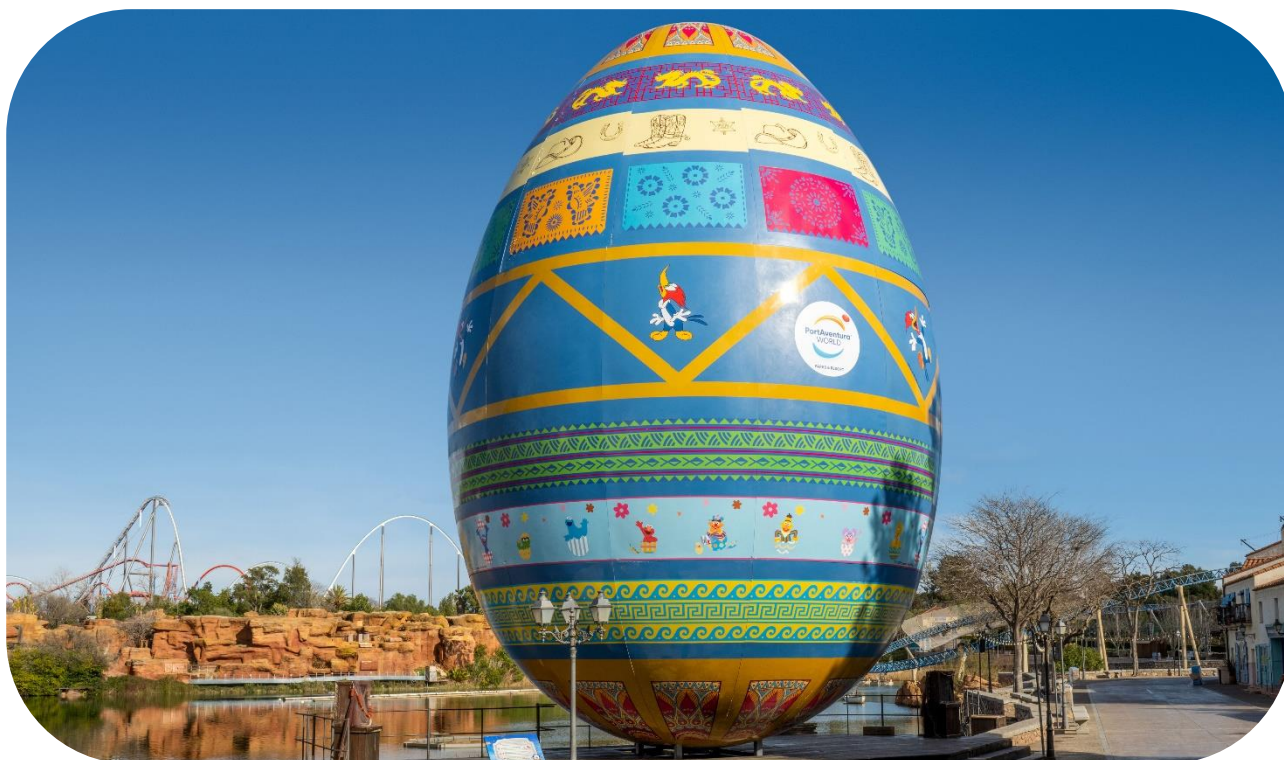




## 2.1 TIMELINE



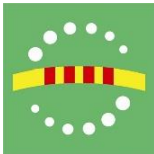






1995	PortAventura is inaugurated, the first theme park in Spain, including its emblematic attraction: Dragon Khan.
1997	New roller coaster: Stampida.
1999	Inauguration of the FiestAventura show.
2000	The Sea Odyssey attraction: the great submarine simulator.
2001	Inauguration of the Templo del Fuego.
2002	PortAventura is transformed into a tourist destination thanks to the inauguration of two hotels and a water park.
2003	Opening of Hotel Caribe.
2005	Arrival of the free fall of Hurakan Condor.
2007	Addition of Furius Baco: extreme acceleration.
2009	Opening of Hotel Gold River and the PortAventura Convention Centre.
2010	15th anniversary celebration.
2011	Opening of SésamoAventura.
2012	New roller coaster: Shambhala. Driving school and road safety for children in the China area. Parking Caravanning.
2013	Renovation of the resort's water park, PortAventura Caribe Aquatic Park with a new children's area and new attractions. Inauguration of the El Secreto de los Mayas labyrinth in PortAventura Park.
2014	Inauguration of the new attraction Angkor: Aventura en el Reino Perdido. Cirque du Soleil comes to PortAventura World in the summer of 2014 to represent the world of Kooza.
2015	20th anniversary celebration. Cirque du Soleil presents the show Amaluna at PortAventura World for the first time in Europe. A new building, The Callaghan's, at Hotel Gold River. Opening of Hotel Mansión de Lucy: the Resort's first 5* hotel.
2016	Start of the works on a new theme park, the only one of its kind in Europe: Ferrari Land.

2017	Inauguration of the Ferrari Land theme park, the only one of its kind in Europe. 70,000 m <sup>2</sup> with incredible attractions and fascinating spaces dedicated exclusively to the legendary Italian car brand. Cirque du Soleil visits PortAventura World with its show Varekai.
2018	Inauguration of a new Children's area in Ferrari Land, with 5 new attractions for the youngest visitors.
2019	Inauguration of Hotel Colorado Creek**** located next to the Mansion de Lucy***** and Gold River**** hotels.  Inauguration of Street Mission, the first Sesame Street® dark ride in Europe, located in the SésamoAventura area of PortAventura Park. Expansion of the convention centre with an additional 6,000 m <sup>2</sup> . Inauguration of PortAventura Dreams Village.
2020	25th anniversary celebration.
2021	World opening of LaLiga TwentyNine's PortAventura World, a new generation sports bar where visitors can enjoy the excitement of LaLiga and the best sports competitions and The Beat Challenge, an immersive football video game merging the digital universe and a visit to the park in which players must complete multiple challenges.  Expansion of Hotel Colorado Creek.
2022	PortAventura Park hosts its Easter Celebration coinciding with the opening of the park and the MTV Push Live is held in June.





## 2.2 ENVIRONMENTAL COMMITMENTS

	1997 Creation of the “Green Team” Environmental Committee.
	2001 1st EMAS registration.
	2003 1st environmental quality guarantee seal (Hotels).
	2007 1st ISO 14001/2004 certification.
	2008 Member of the EMAS Club of Catalonia.  Adhesion to Global Compact. The 10 principles of the <a href="#">Global Compact</a> .
 	2009 1st edition of the Corporate Responsibility Report (2008 data)  Adhesion to <i>Travelife</i> : Sustainable tourism in hotels (until 2013).
	2014 Granted the <i>Travelife Gold Award</i> (until 2020).
	2015 Commitment to the United Nations Sustainable Development Goals (SDG).

	<p>2016</p> <p>Commitment to the Global Code of Ethics for Tourism of the World Tourism Organization (UNWTO).</p>
	<p>2017</p> <p>Adhesion to the International Year of Sustainable Tourism for Development of the United Nations World Tourism Organization.</p>
	<p>2018</p> <p>New corporate responsibility strategy (ESG) 2019-2021.</p>
	<p>2019</p> <p>1st Waste Management Traceability System certification.</p> <p>Hotel Colorado Creek, the Resort's first carbon-neutral hotel.</p>
	<p>2020</p> <p>Commitment to adhere to the Pact for Biodiversity with the Biodiversity Foundation (Ministry for the Ecological Transition of the Government of Spain).</p> <p>GHG emissions neutrality is extended to the entire Resort from the 2020 calculation onwards (scope 1 and 2).</p>
	<p>2021</p> <p>New corporate responsibility strategy (ESG) 2022-2025.</p> <p>Implementation of the EcoEduca Project.</p> <p>Identification of climate risks and opportunities in accordance with the TCFD.</p>
<p><i>PortAventura World has committed to set a science-based target through the Science Based Targets initiative.</i></p>	<p>2022</p> <p>Committed to the Science Based Targets (SBTi) global initiative.</p>





LEED Silver Certification (Leadership in Energy and Environmental Design) for LaLiga TwentyNine's.



Incorporation of PortAventura World into the B-Corp movement.





# 3 ENVIRONMENTAL POLICY





Port Aventura Entertainment, S.A.U. manager and owner of PortAventura World Parks & Resort, a family leisure destination made up of 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 carries out its activity with the utmost respect for the environment and its surroundings.

In order to fulfil its commitment to protect the environment, it continuously prevents, measures and improves environmental results. To do this, PortAventura World acts based on the following principles:

1. Ensure compliance with all legal requirements and any other voluntary requirements to which it subscribes, integrating them into the Environmental Policy.
2. Allocate all means and responsibilities necessary for ensuring the achievement of environmental objectives that lead to continuous improvements in environmental performance, designing processes that minimize and prevent the environmental impacts of its activities.
3. Ensure compliance with the environmental objectives through the "Green Team", a consultative and executive environmental committee, to lay the foundations for ensuring the protection of the environment.
4. To educate, train and raise awareness, on all levels, among the company's staff to create a climate conducive to the advancement of any environmental measure.
5. Communicate the Environmental Policy to anyone who works for or on behalf of the organization, as well as other stakeholders.
6. Identify the environmental aspects and their associated environmental impacts from a life cycle perspective.
7. Promote, to the extent possible, projects that encourage our visitors to protect the environment.
8. Preserve our region's biodiversity and ecosystems, protecting the species and habitats within it.
9. Work to improve the prevention and reduction of food loss and waste, with targets intended to engage both workers and visitors.
10. Promote and commit to climate change mitigation and adaptation through: the sustainable use of natural resources (water and energy); the promotion of sustainable mobility initiatives and use of energy from renewable sources; as well as offsetting and neutralizing our carbon footprint; fostering the reduction, reuse and recycling of waste, prioritizing recovery.
11. Ensure that our suppliers share and adhere to our Policy and the same environmental standards. And promote environmental criteria in product purchasing, service procurement and events management, driving circular economy initiatives.

Fernando Aldecoa

General manager of Operations and Finance

February 2022



# 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 ORGANIZATION

PortAventura World's environmental management at is based on two key figures:

**Environmental Management System Representative (hereinafter, EMSR):**

Must be an executive. Liaises with the Management Committee and, for regulatory purposes, acts as a representative of the system.

**Green Team (or Environmental Committee):**

Working group made up of staff from the different departments in the company, whose objective is to ensure proper and uniform environmental management at the Resort.

## 4.3 RESPONSIBILITY AND AUTHORITY

The responsibilities of the agents in the system are as follows:

### EMSR

- Oversees the overall application and maintenance of PortAventura World's EMS (Environmental Management System).
- Acts as liaison between the Management Committee and the Green Team.
- Selects the secretary and the members of the Green Team.
- Determines who is responsible for making the decisions on the proposals related to the EMS that represent an improvement of the PortAventura World Environmental Policy.

**Management Committee, area heads and supervisors.**

- The Management Committee designates the EMS officer.
- They take decisions on all the proposals of the EMS regarding the environmental management of the complex.
- They promote the implementation of the EMS in the respective departments.
- The Management approves the Environmental Policy by signing it.

### Equip Verd (or Environmental Committee)

- This is a forum for exchanging ideas, debating, studying and discussing PortAventura World's EMS.
- It makes decisions on any aspect of the environmental management of the Resort provided that this falls within its jurisdiction in the eyes of the EMSR.
- It proposes and presents to the EMSR the execution, or development, of proposals that represent environmental improvements or a change in the PortAventura World Environmental Policy.
- It provides sufficient information to the Management Committee on the environmental decisions that must be taken.
- It establishes objectives and improvement actions in accordance with the PortAventura World Environmental Policy.
- It ensures reliable compliance with applicable environmental and industrial safety legislation, as well as the voluntary commitments acquired by the company.

### Green Team members

- They ensure the application and maintenance of PortAventura World's EMS in the department or area they represent.
- They provide the necessary information to the Green Team on any aspect related to the development of the EMS in the department they represent. The members of the Green Team are responsible for applying the decisions on the EMS (adopted by the Green Team itself or by the Management Committee) to the departments or areas they represent.
- They support the "managers" of the contracts in environmental matters.





# 5 DESCRIPTION OF ENVIRONMENTAL ASPECTS



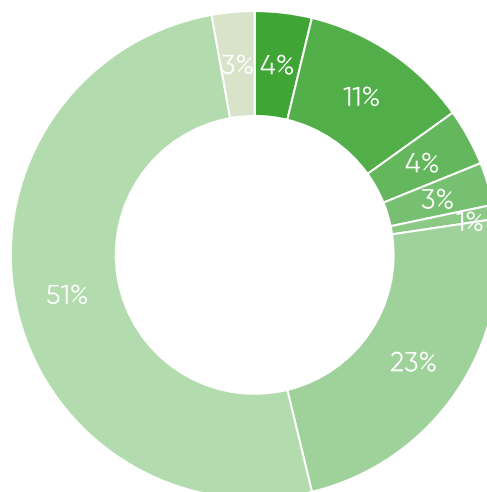


PortAventura World identifies the environmental aspects (under normal, abnormal and emergency conditions) associated with its present and future activities from a life cycle perspective, and evaluates them according to assessment criteria that allow the quantification of the significance or importance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

The criteria to determine the significance of environmental aspects are based on: the existence of legislative regulations on the aspect, the requirement for some type of permit related to the aspect in question, the importance for stakeholders, the contribution of the aspect to global environmental problems, the quantitative significance in relation to the operation as a whole, the frequency, the consequences in case of emergency and the level of control over its effect.

#### Percentage ratio with respect to the total number of environmental aspects identified

- Wastewater
- Atmospheric emissions
- Consumption of chemical products
- Discharges
- Others (landscape impact)
- Natural resources
- Waste
- Noise



The significant environmental aspects and their impact are reflected in the following table (both direct and indirect):

SIGNIFICANT ENVIRONMENTAL ASPECTS 2022	DIRECT/ INDIRECT	NATURE OF THE ASPECT	ENVIRONMENTAL IMPACT
Paper/cardboard waste	Direct and indirect	Generation, recycling, reuse and disposal of waste	Pollution of soil or water
Debris	Direct and indirect	Generation, recycling, reuse and disposal of waste	
CO <sub>2</sub> emissions	Direct and indirect	Generation of atmospheric emissions	Impact on air quality

One of the criteria for evaluating significant environmental aspects is the quantitative significance in relation to the operation as a whole to determine the impact of said aspect taking into account the overall activity. Since 2020, this quantification has been modified and evaluated in a particular way for each environmental aspect, so for some of these the absolute value has been taken into account and not the value relative to visits/overnight stays at the Resort.

The above aspects are significant for the following reasons:

- Paper and cardboard waste: because of the amount generated and because its raw material may be linked to deforestation.
- Debris: because of the amount generated from the new works and maintenance works carried out in this period.
- CO<sub>2</sub> emissions: because of the amount of emissions generated by the company compared to 2019, considered the base year, and the increase in the number of inputs taken into account in the scopes aligned with the commitment to the Science Based Targets Initiative (SBTi).

In 2022, the consumption of water from the municipal supply, which in 2021 was a significant environmental aspect, has reduced compared to the average of previous years, as well as compared to 2019, a year in which the activity was considered normal. Therefore this aspect is no longer considered significant.





# 6 ENVIRONMENTAL PROGRAMME





## 6.1 OBJECTIVES AND TARGETS

The environmental objectives are proposed by the Green Team and, subsequently, they are approved by the EMSR (environmental management system representative), together with the director of each affected department.

The environmental targets are in line with the Environmental Policy, the applicable legal requirements and PortAventura World's significant environmental aspects, and take into consideration both the risks and opportunities. They also include a commitment to continuously improve the environmental performance.

Green Team (Environmental Committee) meetings serve to monitor developments in these targets and enter the results into the environmental management application.

In 2021, a new ESG corporate responsibility strategy was approved for 2022-2025, prepared based on a materiality analysis, essential to ascertain the needs and expectations of our stakeholders. This strategy allows us to organize, identify and prioritize our actions and projects in the short and medium term in a structured way. The tasks carried out during 2022 for the environmental objectives defined in the strategy for this period are shown below.



### ENVIRONMENTAL OBJECTIVES (EOB) OF THE 2022-2025 CORPORATE RESPONSIBILITY STRATEGY



## ENERGY TRANSITION AND CLIMATE CHANGE

Reduction of the Resort's scope 1 and 2 GHG emissions.

Increased use of renewable energy

Reduction of electricity consumption.

### ENVIRONMENTAL POLICY



Points 4 and 10

Related environmental aspects:  
electricity consumption.

### GLOBAL COMPACT



Principles 7 and 9

[www.pactomundial.org](http://www.pactomundial.org)

### SUSTAINABLE DEVELOPMENT GOALS



## EOB179. REDUCTION OF THE RESORT'S SCOPE 1 AND 2 GREENHOUSE GAS EMISSIONS IN ACCORDANCE WITH THE SBT INITIATIVE

Reduce the emission of greenhouse gases (tonnes of CO<sub>2</sub> equivalent per year) by 5% per year in the achievement for scopes 1 and 2 of the annual calculation of the Resort's carbon footprint compared to the previous year.

\* For the year 2022, the base year taken as a reference, in line with the SBT Commitment, is 2019 since this was the last normal year of activity before the exceptional situation derived from the COVID-19 pandemic.

Estimated date of completion: 31/12/2025

Level of compliance:

Annual greenhouse gas emissions (tonnes of CO <sub>2</sub> equivalent)	Objective	Actual	Actual percentage reduction achieved
2019 (base year)*	-	6,021.50	
2022	5,722.63	5,362.91	↓ 10.94%
2023			
2024			
2025			



Evaluation: 2022 period, objective achieved.

Tasks executed:

- **T1. Commitment to the Science Based Targets Initiative (SBTi)** In 2022 we committed ourselves to setting a GHG emissions reduction goal based on the methodology established by the Science Based Targets Initiative (SBTi). This is a partnership between the non-profit organization CDP, the UN Global Compact, the World Resource Institute (WRI) and the Worldwide Fund for Nature (WWF). The initiative supports organizations in setting reduction targets. Compliance with the reduction targets will be validated during 2023.
- **T2. 100% neutralization of direct GHG emissions (scope 1) and indirect GHG emissions associated with electricity (scope 2) generated in 2021.** In 2022, 100% of the GHG emissions emitted during 2021 (scope 1 and 2) were neutralized, corresponding to 5,155 VCU, certified by VERRA and used to protect and preserve one of the most important migratory corridors on the planet, located on the coast of Guatemala.
- **T3. Execution of mobility surveys to ascertain the emissions generated by employees** A mobility survey for employees has been drawn up, sent out and digitalized to obtain information about the distance, shared use and type of mobility most used by them. This information has also served to improve the calculation of the carbon footprint generated by employee commuting.
- **T4. Promotion of more sustainable fleet vehicles and contractors.** The fleet of vehicles belonging to contractors that work in the Resort is currently being replaced. The measure is expected to be fully implemented in the first half of 2023. To guarantee compliance with this objective, a follow-up is being carried out on contractors to ensure that their fleet has electric vehicles. The company has also started incorporating a number of electric vehicles into its fleet and for internal transport in the Resort, and this is expected to continue to help further contribute to the reduction of emissions.
- **T5. Incorporation of more sustainable systems in the Fiestaventura show.** This season the Fiestaventura show incorporates three new elements to the show, three platforms that use an electric rather than a combustion motor, thus contributing to the reduction of GHG emissions.
- **T6. Road Safety week.** A week of conferences on "Road Safety" were held to teach company's employees about good practices while driving and to raise awareness about conduct that can lead to accidents while commuting. Two simulators were used in these sessions, one to simulate an overturning vehicle and the other for driving.



- **T7. Promotion of sustainable mobility through the Fes\_edit platform.** The Fes\_edit service was resumed in June. It encourages and helps employees to share vehicles when commuting, thus minimizing the use of private vehicles and with it, emissions. In order to promote the use of the platform, a number of parking spaces have been set up in buildings 110 and 111 for exclusive use of platform users.
- **T8. Installation of electric vehicle charging stations in the Resort.** Thanks to the partnership between PortAventura World and Endesa X Way, the number of vehicle charging stations is being increased to 150, installed in various locations around the Resort. This service is offered free of charge to both visitors and suppliers, as well as employees. With this expansion, the Resort has the largest private charging infrastructure in the country and one of the largest facilities of this type in Europe, within a resort.
- **T9. TREES agroforestry project.** When purchasing parquet our supplier has offset 1,500 kg of CO<sub>2</sub> through the planting of trees (*Senegalia catechu*) within the context of the Trees for the Future (TREES) agroforestry project.



#### EOB180. INCREASED USE OF RENEWABLE ENERGY. 1/3 OF THE ENERGY CONSUMED BY THE RESORT FROM RENEWABLE ENERGY GENERATED ON SITE BY THE PHOTOVOLTAIC PLANT

One third of the energy consumed by the Resort will come from renewable energy generated on site by the photovoltaic plant installed at PortAventura World.

**Estimated date of completion:** 31/12/2025

**Level of compliance:** The project to install the PortAventura Solar photovoltaic park is still ongoing and it is expected to be operational in 2023.

**Evaluation:** 2022 period, objective in progress.

**Tasks in progress:**

- **T1. Installation of a 100,000 m<sup>2</sup> photovoltaic plant.** PortAventura World is building the largest self-consumption photovoltaic plant in a holiday resort in Spain and one of the largest in Europe: **PortAventura Solar**. The project, designed and built by Endesa X, comprises the installation of a total of 11,102 ground-mounted solar panels, occupying a total surface area of 6.4 ha, equivalent to 9 football pitches, within the Resort. Once in



operation the solar plant will have a peak power of 6.05 megawatts (MWp).

#### Tasks planned for 2023:

- **T3. Installation of a second solar plant on canopies.** A second solar plant is also scheduled for launch in 2023, to be located both on the canopies of the employee car parks and in Hotel Colorado Creek which will have a power of 3.1 MWp.

### EOB181. REDUCTION OF ELECTRICITY CONSUMPTION

Reduce **electricity consumption by 3%** (MWh/1000 visits-overnight stays/year) compared to the previous year in all facilities (PA+CAP, FL, HC, HEP, HPA, HGR, HML, HCO, PADV and CoC).

\* For the year 2022, the base year taken as a reference is 2019 since this was the last normal year of activity before the exceptional situation derived from the COVID-19 pandemic.

Estimated date of completion: 31/12/2025

#### Level of compliance:

Consumption of electricity (MWh/1,000 visits-overnight stays/year)	Objective	Actual	Actual percentage reduction achieved
2019 (base year)*	-	6,397	
2022	6,205.09 (-3%)	6,506.07	↑ 1.71%
2023			
2024			
2025			

Evaluation: 2022 period, objective not achieved.

- **T1. Continuation of the plan to replace luminaires with LED lighting.** Continuation of the 2020 Plan that is still in the development phase.
- **T2. Investment in new air conditioning equipment to improve energy efficiency.** The air conditioning and lighting equipment in indoor areas has been replaced.
- **T3. Installation of motion sensors for lighting control.** In most employee changing rooms/toilets there are motion sensors to control lighting that regulate the use of electricity, in order to promote responsible consumption.



## CIRCULAR ECONOMY AND EFFICIENT RESOURCE MANAGEMENT

- Recovery of generated waste
- Reduction of food waste
- Reduction of the water footprint
- Obtaining LEED certification in new projects

### ENVIRONMENTAL POLICY



Points 6, 9, 10 and 11

### GLOBAL COMPACT



Principles 7, 8 and 9

[www.pactomundial.org](http://www.pactomundial.org)

### SUSTAINABLE DEVELOPMENT GOALS



## EOB182. RECOVERY OF WASTE GENERATED AT THE RESORT.

Percentage of waste recovered Objective > 90%

Estimated date of completion: 31/12/2025

Level of compliance:

2022: 93.05% of waste recovered.

2023:

2024:

2025:

Evaluation: 2022 period, objective **achieved**.

Tasks executed:

- **T1. AENOR Zero Waste Certification.** In February 2023, the waste management process and its data for the 2022 period were audited. This certificate guarantees that PortAventura World recovers more than 90% of the waste it generates (reuses, recycles, or recovers as energy), and thus avoids its management by depositing it in landfills.
- **T2. Implementation of the PortAventura World – Formació i Treball Agreement.** PortAventura World and the labour market integration organization "Formació i Treball" have had a collaboration agreement in place since 2021 for the transfer by the Resort of 50,000 kilogrammes of organic waste produced in the La Cantina restaurant. These food scraps are sent to the Vila-seca community composting centre, which promotes



and fosters the social inclusion of young people and women, providing them with skills and jobs in the field of the circular economy and, specifically, in the closing of the cycle and organic waste management.

- **T4. Acquisition of waste bins in different areas of the Resort.** New waste bins have been purchased and distributed in different areas of the Resort with the aim of improving the separation of waste by customers. Specifically, they have been installed in Hotel PortAventura, Hotel Caribe and Caribe Aquatic Park.
- **T6. Social and sustainable Halloween.** The corners of the park were decorated with more than twelve thousand pumpkins, a total of more than 120,000 kg, grown on a farm in the Penedés region, thus promoting locally sourced products. At the end of the season, most of these pumpkins were donated as feed for sheep in the area, following our circular economy and zero waste strategy.
- **T7. Continuously raising awareness among employees.** With the aim of continuing to work on raising awareness on the proper separation of the waste generated by employees, internal communications were sent throughout the year to all those potentially involved, either directly or indirectly, in the mistakes detected and on how to properly minimize the incidents caused.



#### Tasks planned for 2023:

- **T3. Statement on the collaboration of PortAventura World with Formació i Treball.** PortAventura World undertakes to disseminate through social media and through internal communications to staff regarding the obtaining of the Green Label. This communication will take place in February 2023.



- **T5. Replacement of conventional keys with recyclable and biodegradable keys in hotels.** During the next season, keys (in card format) will be used in hotels made with recyclable and biodegradable SICOECO PVC film.

## EOB183. REDUCTION OF FOOD WASTE GENERATED AT THE RESORT

Measure the amount of food losses and waste generated in the Resort to establish a possible reduction based on the results obtained.

Accomplish 100% of the planned tasks.

Estimated date of completion: 31/12/2025

**Level of compliance:** 100% of the tasks carried out (8 tasks planned and 8 tasks accomplished).

**Evaluation:** 2022 period, objective achieved.

In 2022, weighing records have been carried out in the Hotels and Convention Centre to find out the relativized value of food waste from food that customers leave on the plate, food that remain on display at the buffet at the end of the service and food that is prepared during events but that doesn't reach the kitchen.

### Tasks executed:

- **T1. Creation of a work team to tackle food waste.** An internal work team has been set up, made up of representatives of the different departments involved in tackling food waste, from the Purchasing to Waste departments, which will hold meetings to determine how food losses in the Resort can be controlled.
- **T2. Recover food not consumed by customers.** An initiative to monitor and control the delivery of containers with leftover food not consumed by the customer during the table service has been launched to assess how well adopted this measure has been. This forms part of the project to make use of unconsumed surplus food. Adoption of this measure has been good, with number reaching up to 2,000 deliveries in the month with the highest number of visitors.

**Si usted es alérgico a algún tipo de alimento, avise a nuestro personal. Le atenderán con gusto y le pondrán en contacto con el supervisor. Gracias.** • Si sou al·lèrgic a algun aliment, comuniqui-ho al nostre personal. Us atendrà de bon grat i us posarà en contacte amb el supervisor. Moltes gràcies! • If you are allergic to any type of food, notify a member of staff. They will be happy to assist you and put you in contact with the supervisor. Thank you. • Si vous êtes allergique à certains aliments, veuillez prévenir notre personnel. Ils seront ravis de vous aider et feront appel au manager. Merci.



**Si te queda comida en el plato, puedes pedirnoslo y te la preparamos para que puedas llevártela. Colaboremos para reducir el desperdicio de alimentos.** • Si t'ha quedat menjar al plat, avisa'ns i te'l prepararem perquè te'l puguis emportar. Col·laborem per reduir el malbaratament alimentari. • If you have any food left on your plate and you would like to take it away, please tell us and we will wrap it up for you. Let's work together to reduce food waste. • Si vous n'avez pas fini votre assiette, vous pouvez nous demander de vous préparer un doggy bag. Ensemble, réduisons le gaspillage alimentaire.

- **T3. Reminder of good kitchen practices for internal staff.** The Food Safety Department has printed reminders of good practices, which explain different aspects to ensure good practices are followed, from food handling, to avoiding cross contamination and correctly separating waste, among other things.
- **T4. New team of Food Safety Ambassadors.** A new team of Food Safety Ambassadors has been presented, in order to promote a better food culture within PortAventura World.



- **T5. Raising awareness against food waste with Oscar the Grouch.** In the buffets, a visual element showing Oscar the Grouch has been incorporated to raise awareness among employees and customers regarding food waste that says "Remember... only serve yourself what you are going to eat! And now, get out of here!" with the aim of encouraging visitors, especially children, to ask for food responsibly.



- **T6. ISO 22000 certification.** To ensure food safety (that is, that the conditions of the food make it suitable for consumption), certification under ISO 22000 establishes safety measures to ensure that the food can be safely consumed up to the expiry date. In 2022, ISO 22000 certification was renewed for the PortAventura, El Paso, Gold River, Colorado Creek and Mansión de Lucy hotels. In addition, Hotel Caribe has also now obtained this certification. PortAventura World thus maintains its commitment to extend the certification to all the hotels and the central kitchen.
- **T7. Quantify donated food.** PortAventura World has implemented a project to make use of surplus food (not on display) generated in hotels, table services and supermarkets. This food is collected by the Baix Camp Workshop, which in collaboration with several organizations from the area distributes it to the Food Bank and to different organizations. In 2022, a total of 3,333 kg were donated (corresponding to a total of 9,524 portions). The methodology scrupulously complies with the applicable food safety standards and, to guarantee traceability, only includes the packaged and labelled product that comes from the supplier.
- **T8. Updating of the *Manual of Criteria to Control Food Waste*** In line with the creation of the work team to tackle food waste and taking into account the possible future legal obligations that may arise in this regard, we have updated the Manual implemented in the company in 2021 with all the progress made in the Resort both at restaurant points of sale (self-service and table service), as well as in shops and in our interactions with local food providers.

## EOB184. REDUCTION OF THE WATER FOOTPRINT

Reduce **drinking water consumption by 2%** (m<sup>3</sup>/1,000 visits-overnight stays/year) compared to the previous year, in all the facilities (PA+CAP, FL, HC, HEP, HPA, HGR, HML, HCO, PADV and CoC).

\* For the year 2022, the base year taken as a reference is 2019 since this was the last normal year of activity before the exceptional situation derived from the COVID-19 pandemic.

Estimated date of completion: 31/12/2025

Level of compliance:

Consumption of drinking water (m <sup>3</sup> /1,000 visits-overnight stays/year)	Objective	Actual	Actual percentage reduction achieved
2019 (base year)*	-	160.58	
2022	157.37 (-2%)	151.475	↓ 5.67%
2023			
2024			
2025			

Evaluation: 2022 period, objective **achieved**.

Tasks executed:

- **T1. Improved water savings** We conduct daily water consumption monitoring, the aim being to reduce this through watertightness tests, automatic irrigation at the parks, fountain equipment with water-saving systems and monitoring of potential leaks.



## EOB185. OBTAINING LEED CERTIFICATION IN ALL NEW PROJECTS

Obtain LEED certification in all new projects (refurbishment and new construction) that are carried out throughout the year.

Accomplish 100% of the planned tasks.

**Level of compliance:** 100% of the tasks carried out (1 task planned and in progress).

**Evaluation:** 2022 period, objective in progress.



### Tasks in progress:

- T1. LEED certification in works planned during 2022: LEED (Leadership in Energy and Environmental Design) certification was obtained for the LaLiga TwentyNine's restaurant, which was awarded LEED Silver status in May 2022. The company continues to work to obtain certification in all planned works which it continuously monitors.



## 6.2 OTHER ACTIONS TAKEN

In addition to the objectives set by PortAventura World in its corporate responsibility strategy, other actions are also carried out to encourage and raise awareness among employees and customers on the importance of the circular economy and the need for everyone to help protect the environment.

 <b>OTHER ACTIONS TAKEN</b>			Green West Store Points programme for employees School competition 2022 – 2023 Raising environmental awareness among staff Biodiversity More environmentally sustainable products
<b>ENVIRONMENTAL POLICY</b>  Points 6, 9, 10 and 11	<b>GLOBAL COMPACT</b>  Principles 7 and 8 <a href="http://www.pactomundial.org">www.pactomundial.org</a>	<b>SUSTAINABLE DEVELOPMENT GOALS</b>  	
<b>EOB186. OTHER ACTIONS TAKEN</b>			
100% of the planned tasks accomplished.			
Estimated date of completion: 31/12/2025			
Level of compliance: 100% of tasks completed (8 tasks planned and 8 tasks completed).			
Evaluation: 2022 period, objective <b>achieved</b> .			
Tasks executed: <ul style="list-style-type: none"> <li>• <b>T1. Green West Store.</b> The Green West Store has been opened, a new space in the Far West area that offers products and souvenirs such as reusable bottles, organic cotton bags and T-shirts, vegan footwear and local products (oils, honey, etc.) from the Cambrils Agricultural Cooperative.</li> </ul>			





- **T2. Points programme for employees.** At PortAventura World, a points programme has been launched that aims to promote corporate values and encourage the company's staff to share experiences, taking advantage of the activities organized each season. Values such as teamwork, quality, excellence, care for the environment, etc.
- **T3. School competition 2022-2023.** A new school competition is being launched for the upcoming season which, broadly speaking, asks participants to take part by choosing one of the ESG challenges associated with the thematic areas of the park.
- **T4. Training and raising environmental awareness among staff** Training actions have been carried out aimed at catering staff who operate in the different facilities of the Resort in terms of food safety and environmental management. The actions carried out in this regard are detailed below:
  - Educational visits in which the entire operation is reviewed together with the unit involved and the detected errors are discussed to ensure a proactive continuous improvement process.
  - Reminders of good practices for internal staff, called "Buddy pockets", in which they are reminded of good practices at different levels.
  - Training sessions for hotel kitchen and dining room managers to remind them of the most important aspects in relation to the environment and food waste.
- **T5. Protection of biodiversity.** With the aim of protecting and raising awareness among customers and workers about the common house martin (*Delichon Urbicum*) colony that inhabits the Resort, this year the *Institut Català d'Ornitologia* visited us and carried out a study to record the current census of this species in the facilities, counting the nests distributed throughout the Mediterrànea area of the park and Hotel PortAventura. In total, 207 nests in good active condition have been recorded.



- **T6. Reusable cups, more environmentally sustainable:** Within the PortAventura World offer, park visitors are offered the possibility of receiving their drinks in a reusable cup, which they can then return or keep as a souvenir. In 2022, 42% of reusable cups were returned by customers.



- **T7. Sustainability Day IAAPA EXPO EUROPE 2022.** Within the context of the 2nd edition of Sustainability Day 2022, PortAventura World received the first recognition for PortAventura Solar, selected as one of the best Sustainability Actions 2022.
- **T8. Respect for the environment.** During any work carried out in the facilities, we assess the option of transplanting the plant, tree and shrub species found in the area. If this is feasible, they are transplanted to plant pots at a nursery, so as then to be relocated in the same area or another. Although this always depends on the species and its size, two years after transplantation they typically have the same appearance as in their initial location.

#### Tasks planned for 2023:

- **T5. Protection of biodiversity.** Our aim in 2023, in collaboration with the *Institut Català d'Ornitologia*, is to conduct a census of waterfowl in the Resort lakes, to identify the species population.



## 6.3 ESG STRATEGY (2022–2025)

In accordance with the new 2022–2025 strategic line developed by PortAventura World, a reassessment of the objectives has been carried out until the year 2025 focused on the energy transition and circular economy.

The main environmental objectives of the company 2022–2023 are shown below:

		2022	2023	
ENVIRONMENTAL OBJECTIVES				
<div><div>6 CLEAN WATER AND SANITATION</div><div>7 AFFORDABLE AND CLEAN ENERGY</div><div>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</div><div>13 CLIMATE ACTION</div><div>17 PARTNERSHIPS FOR THE GOALS</div></div>		Goal	Achievement	Goal
Energy transition and climate change	Commitment to reduce the Resort's scope 1 and 2 GHG emissions in accordance with the SBT initiative by 20% in 2025 compared to emissions in 2019 <sup>1</sup> . (t CO <sub>2</sub> e)	-5%	-11%	-10%
	Increase the energy consumed within the Resort derived from renewable energy generated on site by the photovoltaic plant.	Construction of the first photovoltaic plant		7.8 GWh
	Reduce the electrical energy consumption of the Resort. (MWh/1,000 visits-overnight stays/year)	-3%	+1.73% <sup>2</sup>	-1% <sup>3</sup>
Circular economy and efficient resource management	Reduce generation of other waste out of the total waste generated. (t other waste/million visits-overnight stays/year)	-	-22 % <sup>4</sup>	-5 % <sup>5</sup>
	Reduce total waste generation per visit. (t waste/million visits-overnight stays/year)	-	-10 % <sup>6</sup>	-5 % <sup>7</sup>

(1) Included in the SBTi initiative to reduce total GHG emissions by 20% by 2025. Base year 2019: 6,021.50 tonnes of CO<sub>2</sub> equivalent. Objective: 5,300 t/year.

(2) Base year 2019: 6,397 MWh/1,000 visits-overnight stays/year.

(3) Base year 2022: 6,506 MWh/1,000 visits-overnight stays/year.

(4) Base year 2019: 282 t/million visits-overnight stays/year.

(5) Base year 2022: 219 t/million visits-overnight stays/year.

(6) Base year 2019: 638 t/million visits-overnight stays/year.

(7) Base year 2022: 573 t/million visits-overnight stays/year.

## 6.4 NON-CONFORMITIES

PortAventura World, with the aim of involving the staff in the environmental management system (EMS), has carried out awareness-raising work aimed at the entire workforce and has ensured that they 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 communicate it.

The detection of non-conformities is a major challenge for our company, since it helps us to resolve existing incidents and to be proactive in always focusing our actions on continuous improvement.





# 7 ASSESSMENT OF ENVIRONMENTAL PERFORMANCE





To define the environmental performance indicators, we have into account the Sectoral Reference Document (SRD) approved by Commission Decision 2016/611, of 15 April 2016, on Best Environmental Management Practice, as well as sector environmental performance indicators and benchmarks of excellence for the tourism sector.

## 7.1 VISITS-OVERNIGHT STAYS

To calculate the value of the environmental performance indicator in the Resort and in each of the spaces individually (parks, hotels, Convention Centre and Dreams Village) the visits-overnight stays shown below have been taken into account in all cases, with the exception of water consumption for irrigation:

	2019	2020	2021	2022
<b>Total visits-overnight stays Resort</b>	<b>6,387,655</b>	<b>1,046,462</b>	<b>3,945,453</b>	<b>6,378,170</b>
<b>Total parks</b>	<b>5,179,104</b>	<b>847,461</b>	<b>3,186,342</b>	<b>5,101,054</b>
PortAventura Park	3,765,301	656,832	2,382,416	3,723,300
Port Aventura Caribe Aquatic Park	329,896	0	143,649	352,270
Ferrari Land	1,083,907	190,629	660,277	1,025,484
<b>Total hotels</b>	<b>1,139,002</b>	<b>195,168</b>	<b>730,479</b>	<b>1,213,139</b>
Hotel PortAventura	216,239	56,313	176,343	250,792
Hotel El Paso	318,928	8,206	147,701	320,414
Hotel Caribe	210,839	0	66,578	171,083
Hotel Gold River	317,257	96,949	216,869	314,829
Hotel Mansión de Lucy	16,549	5,812	13,122	14,649
Hotel Colorado Creek	59,190	27,888	109,866	141,372
<b>PortAventura Dreams Village</b>	<b>-----</b>	<b>75</b>	<b>1,835</b>	<b>4,475</b>
<b>PortAventura Convention Centre</b>	<b>69,549</b>	<b>3,758</b>	<b>26,797</b>	<b>59,502</b>

It should be noted that in the data presented later on consumption for the years 2020 and 2021 is not considered significant due to the situation deriving from the COVID-19 pandemic, in which the activity of the Resort was considerably reduced.

## 7.2 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 separated at source.

PortAventura World has a waste management division and, for this purpose, hires specialized companies in the sector. These companies are in charge of installing containers for depositing different waste fractions, their collection and transport to the authorized manager for their recovery and disposal.

Waste is calculated for the Resort as a whole, so the SRD indicators cannot be taken into account.

### WASTE MANAGEMENT

The number of waste fractions generated will always vary, since the operations related to the activity also vary. Due to the particularity of the facilities, waste varies according to operational needs.

Within the objective of minimizing the generation of waste, we work with contractor companies and our own staff on recycling and the proper use of work materials. In 2022, 35 waste fractions were separated. Our waste management prioritizes the recovery of waste over its disposal.

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 customers	Type 2 Waste generated by support activities and the structure of the company
COLLECTION METHOD		Itinerant	Individual
CONTAINERS	Non-hazardous	1 m <sup>3</sup> /5 m <sup>3</sup> /6 m <sup>3</sup> /containers/ <i>big bags</i>	5 m <sup>3</sup> /14 m <sup>3</sup> /20 m <sup>3</sup> /30 m <sup>3</sup> / <i>big bags</i>
	Hazardous	Special big bags/cylinders 150 l/cubic containers 1 m <sup>3</sup>	Special big bags/cylinders 150 l/cubic containers 1 m <sup>3</sup>
COLLECTION POINTS	Non-hazardous	Throughout the resort	Throughout the resort
	Hazardous	Throughout the resort	Recycling points in the areas close to buildings number 112 and 113 and in the Resort workshops

NON-HAZARDOUS WASTE FRACTIONS	Cooking oil Cardboard and paper Scrap (Kitchen cans) Glass containers Light packaging Mixed waste (ordinary and MSW) Batteries Plastic Organic waste	Bulky ordinary waste Pumpkins Copper cable Cardboard and paper Waste electrical and electronic equipment Flat glass Glass containers Mixed light packaging Debris Cooking fats	Wood Mixed waste (ordinary and MSW) Batteries Tyres Plastic Plant waste, straw Luminaries
	HAZARDOUS WASTE FRACTIONS	Contaminated waste packaging	Absorbents Mineral oil Empty aerosol cans Batteries and accumulators Lead batteries Electronic scrap Contaminated packaging Oil filters Petrol End-of-life hypochlorite Fridges Fluorescent bulbs Gases in pressure vessels
			Laboratory chemicals  Paint waste with organic solvents or hazardous substances  Other solvents and solvent mixtures Waters with traces of hydrocarbons

Likewise, some PortAventura World suppliers directly manage their waste.





## Evolution of the different waste fractions

Waste	EWL	2019		2020		2021		2022	
		Tonnes	t/million visits-overnight stays	Tonnes	t/million visits-overnight stays	Tonnes	t/million visits-overnight stays	Tonnes	t/million visits-overnight stays
Absorbents	150202*	3.91	0.61	4.38	4.18	2.88	0.73	6.40	1.00
Cooking oil	200125	34.53	5.41	7.21	6.89	19.51	4.94	32.26	5.06
Mineral oil	130205*	2.11	0.33	2.47	2.36	1.65	0.42	2.43	0.38
Empty aerosol cans	150111*	-----	-----	0.16	0.15	0.26	0.07	0.29	0.05
Bulky ordinary waste	200307	72.46	11.34	16.58	15.85	26.16	6.63	71.66	11.24
Batteries and accumulators <sup>(5)</sup>	200133*	-----	-----	0.85	0.81	0.55	0.14	3.40	0.53
Copper cable <sup>(6)</sup>	170411	-----	-----	1.62	1.55	-----	-----	2.33	0.36
Cardboard and paper	200101	455.12	71.25	138.25	132.11	288.75	73.19	395.62	62.03
Pumpkins <sup>(4)</sup>	200302	8.08	1.26	1.70	1.62	-----	-----	19.30	3.03
Lead batteries <sup>(5)</sup>	160601*	-----	-----	-----	-----	0.39	0.10	1.26	0.20
Scrap metal	200140	127.18	19.91	63.60	60.78	66.18	16.77	69.24	10.86
Electronic scrap	200135*	7.00	1.10	3.67	3.51	4.43	1.12	3.53	0.55
Waste electrical and electronic equipment	200136	3.12	0.49	1.03	0.98	2.36	0.60	3.09	0.48
Electronic scrap gaming machines <sup>(3)</sup>	200113	-----	-----	0.34	0.33	-----	-----	-----	-----
Contaminated packaging	150110*	10.19	1.59	4.35	4.15	7.45	1.89	11.66	1.83
Flat glass	200102	3.28	0.51	2.96	2.83	2.18	0.55	4.36	0.68
Glass containers	150107	73.46	11.50	17.12	16.36	31.96	8.10	61.34	9.62
Mixed light packaging	150106	252.95	39.60	65.17	62.27	207.47	52.58	294.76	46.21
Debris	170107	310.42	48.60	208.16	198.92	269.72	68.36	370.84	58.14
Oil filters <sup>(7)</sup>	160107*	-----	-----	0.03	0.03	-----	-----	0.01	0.00
Fluorescent bulbs	200121*	0.91	0.14	0.93	0.89	1.26	0.32	2.27	0.36
Gases in pressure vessels <sup>(8)</sup>	160504*	0.38	0.08	-----	-----	-----	-----	0.10	0.02
Cooking fats	20204	35.02	5.48	8.56	8.18	32.94	8.35	23.38	3.67

Waste	EWL	2019		2020		2021		2022	
		Tonnes	t/million visits-overnight stays	Tonnes	t/million visits-overnight stays	Tonnes	t/million visits-overnight stays	Tonnes	t/million visits-overnight stays
Petrol <sup>(3)</sup>	130702*	-----	-----	0.02	0.02	-----	-----	-----	-----
End-of-life hypochlorite, other bases <sup>(3)</sup>	60205*	-----	-----	0.07	0.07	-----	-----	-----	-----
Luminaries	160214	18.17	2.84	3.66	3.50	3.79	0.96	8.84	1.39
Waters with traces of hydrocarbons <sup>(1)</sup>	130507*	21.85	3.42	-----	-----	-----	-----	1.36	0.21
Wood	200138	181.65	28.44	128.23	122.53	84.24	21.35	129.62	20.32
Mixed waste (ordinary and MSW)	200301	1,804.27	282.46	500.37	478.15	1063.25	269.49	1401.14	219.68
Tyres	160103	2.78	0.44	0.04	0.04	0.24	0.06	6.84	1.07
Fridges	200123*	2.14	0.33	1.31	1.25	0.37	0.09	2.20	0.35
Other solvents and solvent mixtures <sup>(2)</sup>	140603*	0.23	0.04	-----	-----	0.08	0.02	0.18	0.03
Batteries	160604	0.31	0.05	0.26	0.25	0.18	0.05	0.20	0.03
Plastic (not packaging)	200139	13.72	2.15	6.33	6.05	12.95	3.28	15.61	2.45
Laboratory chemicals <sup>(7)</sup>	160506*	0.36	0.06	0.09	0.08	1.58	0.40	0.53	0.08
Paint waste containing organic solvents or hazardous substances	80111*	0.15	0.02	1.70	1.62	0.08	0.02	0.20	0.03
Organic waste	200108	584.40	91.49	156.10	149.17	502.31	127.31	676.02	105.99
Plant waste, straw	200201	33.76	5.29	16.54	15.81	72.40	18.35	29.54	4.63
Textiles <sup>(3)</sup>	200111	11.20	1.75	1.34	1.28	-----	-----	-----	-----
Toners	080318	0.02	0.00	-----	-----	-----	-----	-----	-----
<b>Total tonnes of waste generated</b>		<b>4,075.11</b>	<b>637.97</b>	<b>1,365.18</b>	<b>1,304.57</b>	<b>2,707.56</b>	<b>686.25</b>	<b>3,651.82</b>	<b>572.55</b>

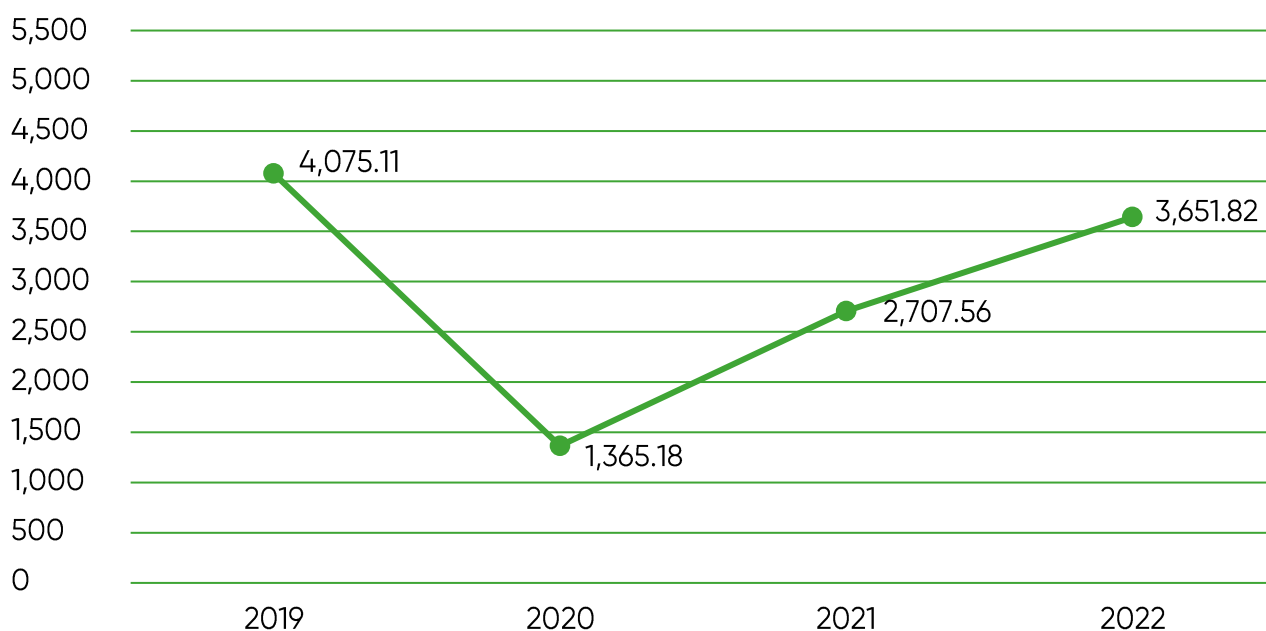
Tonnes of waste generated rounded to 2 decimal places.

EWL codes marked with (\*) correspond to hazardous waste.

- (1) EWL 130507 Water with traces of hydrocarbons. This waste was not generated in the 2020 and 2021 pandemic years. In 2022, with the Resort's resumption of normal activity, this waste was generated again due to the emptying after the inspection of the catchpits.

- (2) LER 140603 Other solvents and solvent mixtures. None in 2020 since this waste depends on the cleaning of maintenance parts by Safety Kleen. In 2021, with the increase in activity, this waste was produced once again and it continued to be generated in 2022.
- (3) The waste that was generated in 2020 but not in 2021 and 2022 is waste derived from the maintenance works that were given priority due to the lack of activity in the Resort as a consequence of the COVID 19 pandemic.
- (4) EWL 200302 Pumpkins. In 2021, those pumpkins that were not donated to a local shepherd were managed as EWL 200108 "Organic waste". In 2022, pumpkin waste was managed once again with its original EWL code 200302.
- (5) EWL 160601 Lead batteries. This waste was generated in 2021 and 2022 and due to its classification as electrical and electronic equipment, its waste management must be carried out using a different code from that of batteries and accumulators.
- (6) EWL 170411 Copper cables. Little accumulation of this type of waste, generated on occasion, within the regulatory storage periods.
- (7) EWL 160107 Oil filters. This waste generated in 2022 as a consequence of the separation of the absorbent, leading to improved waste separation.
- (8) EWL 160504 Gases in pressure vessels. This waste is End-of-life product from warehouse 112. Little accumulation of this type of waste, generated on occasion, within the regulatory storage periods.

### General evolution of waste (t) 2022



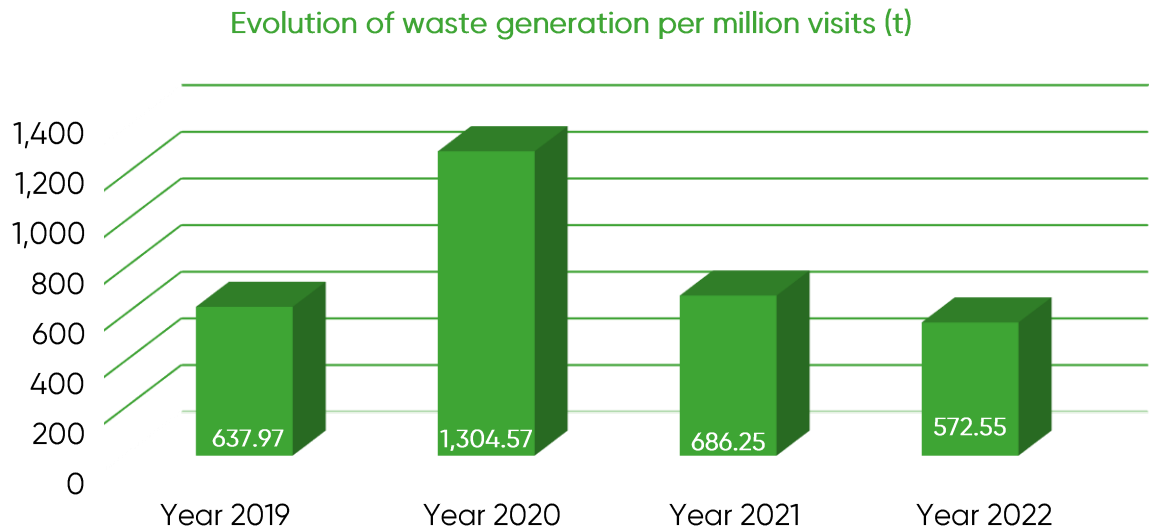
Tonnes rounded to 2 decimal places.

In absolute terms, in 2022, waste generation increased by 34.88% compared to 2021, although that year is not representative of the operation of the park as a result of the pandemic. Compared to 2019, which is considered a representative year in terms of the normal activity of the Resort, the value decreased by 10.39%. PortAventura World is actively working to minimize the generation of waste.

Consequently, the tonnes of waste per million visits fell by 10.26% compared to 2019, since there were more visits during the course of the year compared to the base year and the generation of waste was lower, resulting in more positive figures.



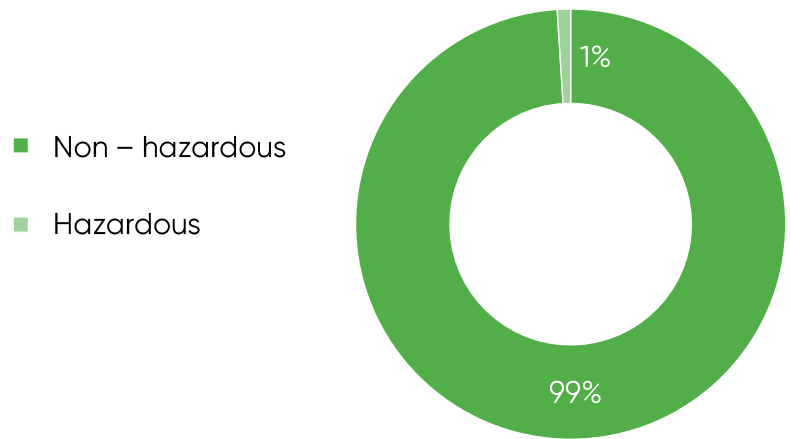
The following graph shows the evolution of waste generation for every million visits during the 2019–2022 period.



Tonnes rounded to 2 decimal places.

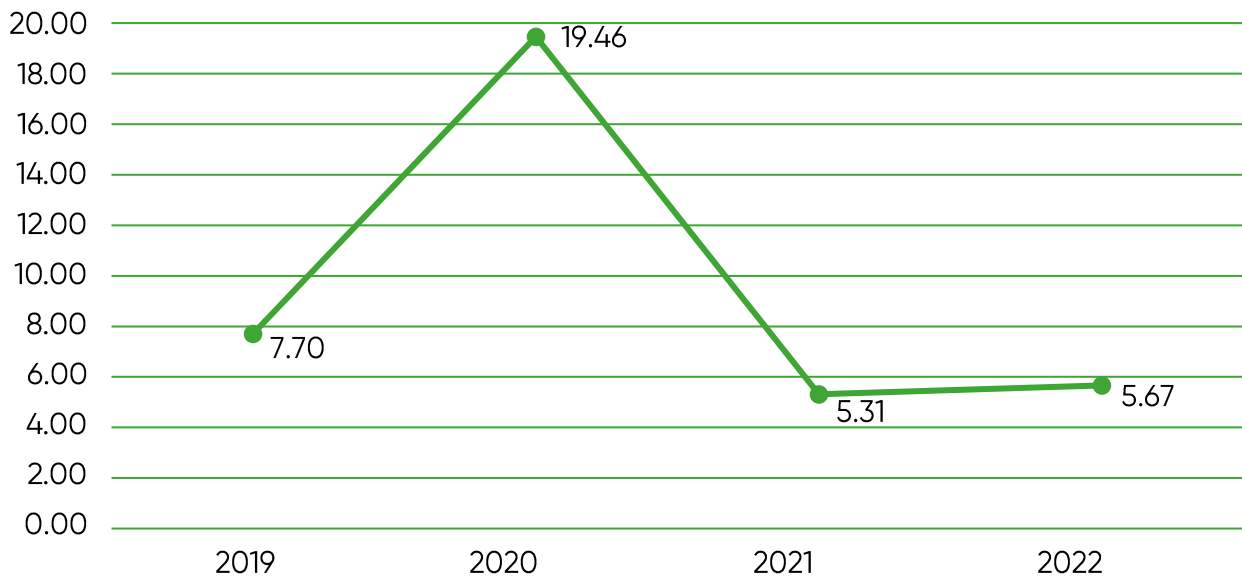
## HAZARDOUS WASTE

Classification of waste. 2022



In 2022, hazardous waste represented 1% of the total waste generated.

Evolution of hazardous waste (t) per million visits

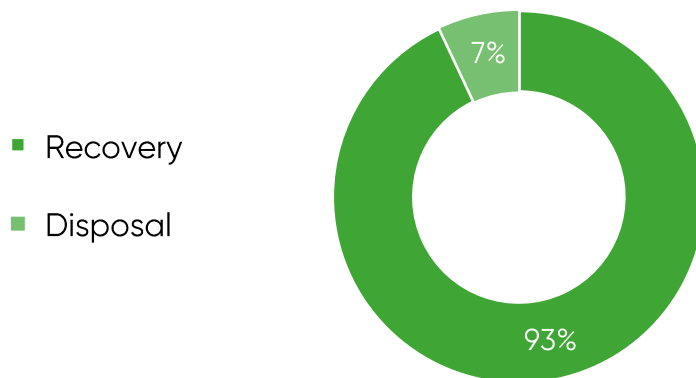


Tonnes rounded to 2 decimal places.

The tonnes of hazardous waste per million visits increased by 5.73% compared to 2021. Compared to 2019, which is considered a representative year in terms of the normal activity of the Resort, the value decreased by 27.08%. The projects implemented by PortAventura World to minimize waste and the increase in the number of visitors to the Resort have made it possible to obtain more positive figures compared with those obtained during the year considered to one of normal activity.

## MANAGEMENT ROUTES

The total waste generated has been managed according to the following routes:



## EVOLUTION OF WASTE MANAGEMENT ROUTE DISTRIBUTION

Management	2019	2020	2021	2022
Recovery (%)	91	84	97	93
Disposal (%)	9	16	3	7

The tonnes of waste generated broken down into hazardous and non-hazardous waste and their percentage according to the management routes taken are as follows:

### Non-hazardous:

2022	Tonnes generated	% management
Recovery	3,368.07	93%
Disposal	247.92	7%

### Hazardous:

2022	Tonnes generated	% management
Recovery	33.95	95%
Disposal	1.89	5%





## 7.3 WATER

Water plays a fundamental role 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 socioeconomic, industrial and tourist development of the surrounding area.

The environmental policy adopted by PortAventura World establishes the objectives and goals related to water and how our management approach is aligned with public policies and the local context.

### WATER ACCORDING TO SOURCE AND USE

At PortAventura World we distinguish between different types of water uses:

- **Water for human consumption.** Water from the municipal supply that is used mainly in restaurants, toilets, for personal hygiene, for cleaning, etc. Its consumption is dependent on our customers' behaviour, as the major consumers of water. Practically 100% is converted into wastewater.
- **Water for recreation and swimming.** Both come from the municipal supply. Recreational water is used in water attractions –and ornamental fountains– and is maintained with appropriate residual disinfectant levels in accordance with the Resort's internal criterion. Water for swimming, however, is filtered and treated, and only a small percentage is discharged as wastewater, after the filters are washed. The water is renewed in accordance with the specific regulations.
- **Reclaimed water for irrigation.** Treated wastewater subjected to an additional or supplementary treatment process, to give it appropriate quality for specific uses: irrigation, in our case. The reclaimed water use at PortAventura World has been sourced from tertiary treatment at the Vila-seca (Salou) Wastewater Treatment Plant (WWTP) since 1996, and is used only for watering plants.
- **Other water for irrigation.** On occasion, water from the WWTP is not suitable to water the gardens, either because of conductivity (concentration of salts), biological contamination, or high turbidity. In these situations, when the water is not suitable for irrigation, alternative sources must be used to ensure the survival of the flora.

This consumption, and hence the corresponding indicators, is entirely dependent on the quality of the water sent by the Vila-seca and Salou WWTP.

m <sup>3</sup> /year Water from the municipal supply	2019		2020		2021		2022	
	Consump- tion m <sup>3</sup> /year	m <sup>3</sup> per 1,000 visits- overnight stays/year	Consump- tion m <sup>3</sup> /year	m <sup>3</sup> per 1,000 visits- overnight stays/year	Consump- tion m <sup>3</sup> /year	m <sup>3</sup> per 1,000 visits-overnight stays/year	Consump- tion m <sup>3</sup> /year	m <sup>3</sup> per 1,000 visits- overnight stays/year
<b>WATER FOR HUMAN CONSUMPTION</b>								
<b>Total Resort</b>	<b>694,148</b>	<b>108.67</b>	<b>274,598</b>	<b>262.41</b>	<b>596,637</b>	<b>151.22</b>	<b>679,031</b>	<b>106.46</b>
<b>Total parks</b>	<b>444,156</b>	<b>85.76</b>	<b>171,025</b>	<b>201.81</b>	<b>362,561</b>	<b>113.79</b>	<b>390,449</b>	<b>76.54</b>
PortAventura Park/PortAventura Caribe Aquatic Park	420,231	102.62	169,888	258.65	362,302	143.43	390,074	95.71
Ferrari Land	23,925	22.07	1,137	5.96	259	0.39	375	0.37
<b>Total hotels</b>	<b>249,343</b>	<b>218.91</b>	<b>103,430</b>	<b>529.95</b>	<b>233,235</b>	<b>319.29</b>	<b>284,934</b>	<b>234.87</b>
Hotel PortAventura	64,448	298.04	42,386	752.69	48,501	275.04	87,909	350.53
Hotel El Paso	52,318	164.04	7,108	866.24	28,277	191.45	51,813	161.71
Hotel Caribe	52,919	250.99	5,118	NA <sup>(2)</sup>	28,073	421.66	33,207	194.10
Hotel Gold River	57,386	212.40	37,726	389.13	105,185	485.02	69,054	219.34
Hotel Mansión de Lucy	1,875	113.30	790	135.93	1,282	97.70	10,785	736.23
Hotel Colorado Creek	10,397	175.65	10,301	369.37	21,917	199.49	32,167	227.53
PortAventura Dreams Village <sup>(1)</sup>	-----	-----	12	157.8	837	456.13	3,077	687.60
PortAventura Convention Centre	649	9.33	131	34.86	3	0.11	570	9.58
<b>WATER FOR RECREATION AND SWIMMING<sup>(3)</sup></b>								
<b>Total Resort</b>	<b>329,448</b>	<b>51.58</b>	<b>126,026</b>	<b>120.43</b>	<b>257,054</b>	<b>65.15</b>	<b>286,192</b>	<b>44.87</b>
<b>Total parks</b>	<b>174,294</b>	<b>33.65</b>	<b>85,618</b>	<b>101.03</b>	<b>115,801</b>	<b>36.34</b>	<b>124,291</b>	<b>24.37</b>
PortAventura Park	92,456	24.55	78,154	118.99	67,355	28.27	73,055	19.62
PortAventura Caribe Aquatic Park	81,838	248.07	7,464	NA	48,446	337.25	51,236	145.45
<b>Total hotels</b>	<b>155,154</b>	<b>136.22</b>	<b>40,408</b>	<b>207.04</b>	<b>141,253</b>	<b>193.37</b>	<b>161,901</b>	<b>133.46</b>
Hotel PortAventura	39,708	183.63	28,618	508.20	57,070	323.63	61,801	246.42
Hotel El Paso	13,446	42.16	375	45.70	11,360	76.91	13,617	42.50
Hotel Caribe	90,956	431.41	134	NA <sup>(2)</sup>	39,304	590.35	47,359	276.82
Hotel Gold River	10,000	31.52	5,737	59.18	21,263	98.05	14,840	47.14
Hotel Mansión de Lucy	511	30.88	355	61.08	663	50.53	1,910	130.38
Hotel Colorado Creek	531	8.97	5,189	186.07	11,593	105.52	22,374	158.26

	2019		2020		2021		2022	
	m³ per 1,000 m²		m³ per 1,000 m²		m³ per 1,000 m²		m³ per 1,000 m²	
	Consumption m³/year	landscaped area/year	Consumption m³/year	landscaped area/year	Consumption m³/year	landscaped area/year	Consumption m³/year	landscaped area/year
<b>OTHER WATER FOR IRRIGATION <sup>(4)</sup></b>								
<b>Total Resort</b>	2,134.00	3.18	2,065.59	3.06	525.55	0.78	910.96	1.35
<b>Total parks</b>	1,774.00	3.64	1,773.80	3.64	378.01	0.77	642.76	1.32
PortAventura Park/PortAventura Caribe Aquatic Park	1,650.00	3.55	1,649.48	3.55	351.55	0.75	597.75	1.28
Ferrari Land	124.00	5.57	124.32	5.59	26.46	1.19	45.01	2.02
<b>Total hotels</b>	360.00	2.21	289.79	1.78	146.67	0.90	267.99	1.64
Hotel PortAventura	103.00	3.04	87.46	2.58	45.27	1.33	53.97	1.59
Hotel El Paso	188.00	8.94	125.21	5.95	59.10	2.81	52.02	2.47
Hotel Gold River / Hotel Mansión de Lucy	70.00	1.32	77.12	1.48	42.30	0.81	159.94	3.06
Hotel Colorado Creek	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.09
PortAventura Dreams Village <sup>(1)</sup>	-----	-----	2.00	0.55	0.87	0.24	0.21	0.06
<b>TOTAL WATER FROM MUNICIPAL SUPPLY – Total Resort</b>	1,025,731	160.58	402,689.59	384.81	854,216.55	216.51	966,133.70	151.48

m³/year Reclaimed water for irrigation from the WWTP	2019		2020		2021		2022	
	m³ per 1,000 m²		m³ per 1,000 m²		m³ per 1,000 m²		m³ per 1,000 m²	
	Consumption m³/year	landscaped area/year	Consumption m³/year	landscaped area/year	Consumption m³/year	landscaped area/year	Consumption m³/year	landscaped area/year
<b>RECLAIMED WATER FOR IRRIGATION FROM THE WWTP</b>								
<b>Total Resort</b>	353,397	526.41	303,731	449.98	381,985	565.15	361,288	534.53
<b>Total parks</b>	232,593	477.10	204,036	0.42	266,129	544.88	177,057	362.51
PortAventura Park/PortAventura Caribe Aquatic Park	217,944	468.42	187,698	403.41	247,910	531.80	164,363	352.58
Ferrari Land	14,649	658.59	16,338	734.54	18,219	819.09	12,694	570.70
<b>Total hotels</b>	106,701	654.03	75,125	460.48	95,739	586.83	153,573	941.33
Hotel PortAventura	21,810	643.08	11,400	336.13	15,473	456.21	15,835	466.90
Hotel El Paso	26,409	1255.30	18,523	880.44	19,388	921.55	58,362	2,774.11
Hotel Caribe	40,020	1229.95	34,860	1071.36	48,085	1,477.81	57,956	1,781.18
Hotel Gold River / Hotel Mansión de Lucy	18,462	353.31	10,342	197.92	12,793	244.83	14,767	282.60
Hotel Colorado Creek	0	0.00	0	0.00	0	0.00	6,653	284.31



m <sup>3</sup> /year Reclaimed water for irrigation from the WWTP	2019		2020		2021		2022	
	Consumption m <sup>3</sup> /year	m <sup>3</sup> per 1,000 m <sup>2</sup> landscaped area/year	Consumption m <sup>3</sup> /year	m <sup>3</sup> per 1,000 m <sup>2</sup> landscaped area/year	Consumption m <sup>3</sup> /year	m <sup>3</sup> per 1,000 m <sup>2</sup> landscaped area/year	Consumption m <sup>3</sup> /year	m <sup>3</sup> per 1,000 m <sup>2</sup> landscaped area/year
PortAventura Dreams Village <sup>(1)</sup>	-----	-----	298	81.46	298	81.47	665	181.87
PortAventura Convention Centre	14,103	682.16	24,272	1174.04	19,819	958.65	29,993	1,450.76

Data rounded to 2 decimal places

(1) PortAventura Dreams Village began its activity in January 2020.

(2) Hotel Caribe did not receive visits during 2020, and the value of the consumption/visits-overnight stays indicator is not applicable.

(3) Water for recreation and swimming is not consumed in the Ferrari Land park and in the PortAventura Convention Centre.

(4) Other water for irrigation is not consumed at Hotel Caribe, el Hotel Colorado Creek and PortAventura Convention Centre.

Total water consumption (m <sup>3</sup> of water in the whole Resort)		2019	2020	2021	2022
Total water consumption from the municipal supply for human consumption, recreation and swimming at PortAventura World (m <sup>3</sup> /year)		1,023,596	400,624	853,691	965,223
Total water consumption from the municipal supply for human consumption, recreation and swimming at PortAventura World (m <sup>3</sup> per 1,000 visits-overnight stays/year)		160,25	382,84	216.37	151.34
Total consumption used for irrigation (m <sup>3</sup> /year)	Other water for irrigation	2,134.00	2,065.59	525.55	910.96
	Water from the WWTP	353,397	303,731	381,985	361,288
Total consumption of water used for irrigation (m <sup>3</sup> for every 1,000 m <sup>2</sup> landscaped area/year)	Other water for irrigation	3.18	3.06	0.78	1.35
	Water from the WWTP	529.41	449.98	565.15	534.53

	2019	2020	2021	2022
<b>m² landscaped area – Total Resort</b>	<b>671,336</b>	<b>674,994</b>	<b>675,894</b>	<b>675,894</b>
Total parks	487,517	487,517	488,417	488,417
PortAventura Park	446,255	446,255	447,155	447,155
Port Aventura Caribe Aquatic Park	19,019	19,019	19,019	19,019
Ferrari Land	22,246	22,243	22,243	22,243
Total hotels	163,145	163,145	163,145	163,145
Hotel PortAventura	33,915	33,915	33,915	33,915
Hotel El Paso	21,038	21,038	21,038	21,038
Hotel Caribe	32,538	32,538	32,538	32,538
Hotel Gold River	46,712	46,712	46,712	46,712
Hotel Mansión de Lucy	5,542	5,542	5,542	5,542
Hotel Colorado Creek	23,400	23,400	23,400	23,400
PortAventura Dreams Village	-----	3,658	3,658	3,658
PortAventura Convention Centre	20,674	20,674	20,674	20,674

## WATER ACCORDING TO ITS USE

Based on its final use, the water at PortAventura World can be classified into:

- Wastewater
- Rainwater

The entire PortAventura World resort is built on a project of separate networks that makes it possible to direct the different types of water to the most appropriate end destination.

## WASTEWATER

All wastewater generated in the resort is conducted via a network of drains connected to the Wastewater Treatment Plant (WWTP) in Vila-seca and Salou where the water undergoes tertiary treatment in order to reclaim the water so that it can be used for irrigation within the Resort and even for some of Vila-seca's municipal parks and gardens.

Quality controls are conducted each year on the water discharged into the four existing collector drains: Vila-seca, General (Salou), Hotel El Paso and Hotel Caribe. This provides us with a set of data so as to promote improvement initiatives where necessary.

Below are the results of the internal control analyses for the last four years:

Vila-Seca collector (18/10/2022)	2019	2020	2021	2022 <sup>(3)</sup>
Suspended solids (SS) (mg/l)	383	120	104	206
IM (Equitox/m <sup>3</sup> )	<3.0	<3.0	<3.0	4.5
COD (not decanted) (mg O <sub>2</sub> /l)	720	104	210	600
COD (decanted 2h) (COD) (mg O <sub>2</sub> /l)	232	85	154	346
Conductivity at 25 °C (µs/cm)	1,553	3,950	2,673	2,652
pH at 25 °C (u)	6.8	7.5	6.6	8.0
Chlorides (mg/l)	107.0	779.5	657.5	313.0
Kjeldahl nitrogen (mg/l)	57.1	2.6	15.5	72.7
Total phosphorus (mg/l)	7.2	3.8	7.45	10.8
Ammonium (mg/l)	18.6	<0.5	11.7	-
Oils and fats (mg/l)	2.0	1.4	1.3	-

General Collector Salou (18/10/2022)	2019	2020	2021	2022 <sup>(3)</sup>
Suspended solids (SS) (mg/l)	63	22	384	150
IM (Equitox/m <sup>3</sup> )	<3.0	< 3.0	4.4	8.7
COD (not decanted) (mg O <sub>2</sub> /l)	42	<10	419	676
COD (decanted 2h) (COD) (mg O <sub>2</sub> /l)	20	<10	303	560
Conductivity at 25 °C (µs/cm)	1,446	2,020	1,838	2,504
pH at 25 °C (u)	7.1	7.3	7.0	7.7
Chlorides (mg/l)	232.0	213.5	249.0	226.0
Kjeldahl nitrogen (mg/l)	26.8	1.2	60.6	69.5
Total phosphorus (mg/l)	2.2	1.7	8.65	12.0
Ammonium (mg/l)	26.9	< 0.5	55.7	-
Oils and fats (mg/l)	1.3	< 0.50	3.4	-

Collector Hotel El Paso (19/07/2022)	2019	2020 <sup>(1)</sup>	2021	2022
Suspended solids (SS) (mg/l)	291	-----	188	185
IM (Equitox/m <sup>3</sup> )	6.3	-----	< 3.0	<3.0
COD (not decanted) (mg O <sub>2</sub> /l)	612	-----	599	297
COD (decanted 2h) (COD) (mg O <sub>2</sub> /l)	304	-----	295	222
Conductivity at 25 °C (µs/cm)	1,559	-----	2,684	2,607
pH at 25 °C (u)	6.5	-----	6.9	6.9
Chlorides (mg/l)	106.0	-----	609.5	566.5
Kjeldahl nitrogen (mg/l)	8.4	-----	13.3	23.7
Total phosphorus (mg/l)	8.5	-----	1.70	4.85
Ammonium (mg/l)	0.8	-----	3.4	2.4
Oils and fats (mg/l)	2.0	-----	8.8	1.2



Collector Hotel Caribe (15/09/2022)	2019	2020 <sup>(1)</sup>	2021 <sup>(2)</sup>	2022
Suspended solids (SS) (mg/l)	195	-----	-----	168
IM (Equitox/m <sup>3</sup> )	4.6	-----	-----	12
COD (not decanted) (mg O <sub>2</sub> /l)	552	-----	-----	454
COD (decanted 2h) (COD) (mg O <sub>2</sub> /l)	145	-----	-----	324
Conductivity at 25 °C (µs/cm)	1,527	-----	-----	2,915
pH at 25 °C (u)	6.6	-----	-----	6.7
Chlorides (mg/l)	174.5	-----	-----	690.0
Kjeldahl nitrogen (mg/l)	6.1	-----	-----	7.6
Total phosphorus (mg/l)	5.3	-----	-----	2.28
Ammonium (mg/l)	3.8	-----	-----	2.7
Oils and fats (mg/l)	1.1	-----	-----	< 0.50

(1) In 2020, no internal controls were carried out at the Hotel El Paso and Hotel Caribe collectors since these two hotels were closed due to the COVID-19 pandemic.

(2) In 2021 this was not performed at Hotel Caribe since the opening period was limited and it was not considered representative.

(3) The 2022 data for wastewater has been taken from the analytical report carried out by the Catalan Water Agency (ACA) for the general collectors of Vila-Seca and Salou carried out on 18/10/2022.

## RAINWATER

Given the climate in the Mediterranean, rainwater constitutes a small part of our water management. The Resort does nonetheless have a water network in place to separate wastewater from rainwater.



## 7.4 ENERGY MANAGEMENT

Electricity and natural gas are, along with water, the main natural resources consumed at PortAventura World.

### ELECTRICITY

PortAventura World is equipped with an energy management system that is controlled by a central computer. This system centralizes programmable logic controllers (PLCs), responsible for controlling the main energy consumers distributed throughout the installations in the park and the hotels.

We are also equipped with energy-saving resources, thereby reducing our carbon footprint. These resources include: low-consumption/LED light bulbs, control of electrical consumption through a computer system, etc. In addition, hotels also include a connection key to supply energy to the room, disconnection of the air conditioning when a window is opened, etc.

### ELECTRICITY SOURCES

Since 2016, 100% of the supply comes exclusively from renewable energy sources with no CO<sub>2</sub> emissions and guarantee of origin.

Starting in 2023, part of our electricity consumption will come directly from the PortAventura Solar photovoltaic installation, which will supply more than 20% of the Resort's total energy consumption. A second solar plant is also scheduled for launch in the same year, to be located on the canopies of the employee car parks and the Hotel Colorado Creek, with a peak power rating of 3.1 MW.

In total, the two photovoltaic plants will supply the Resort with more than 30% of the current energy consumed.

In 2022, electricity consumption represented 82.82% of total energy consumption at PortAventura World.

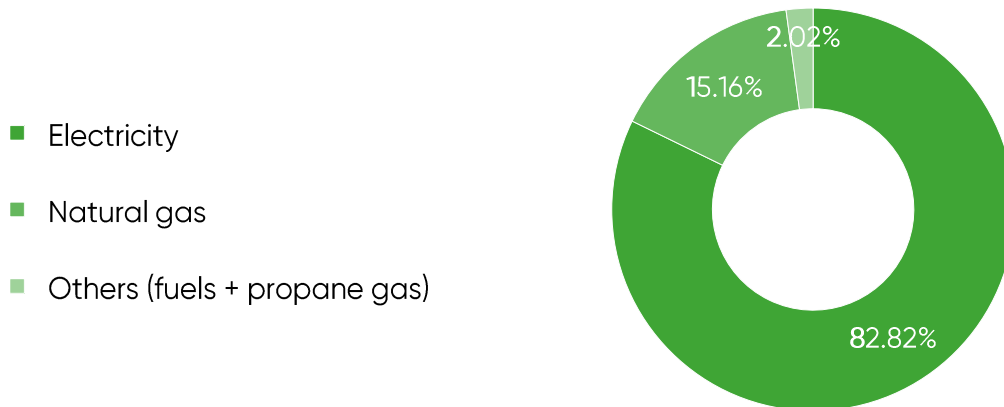
### NATURAL GAS

This type of energy is used, mainly, in our facilities to produce domestic hot water and in the kitchens, as well as for heating. This represents 15.16% of the total energy consumption in the entire Resort.

### OTHER ENERGY SOURCES

This category includes the energy that comes from fuel (both in fixed tanks, as well as that consumed by the fleet of vehicles that is not owned but is managed by PortAventura World), and also from the energy derived from propane gas. This represents 2.02% of total energy consumption.

## Percentage of energy consumption in PortAventura World in 2022



## Total direct energy consumption (electricity, gas and other energy sources)

MWh	2019			2020			2021			2022		
	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year
<b>Electricity</b>												
<b>Total Resort</b>	40,858.82	6.40	17,568.45	16.79	31,329.84	7.94	41,496.84	6.51				
<b>Total parks</b>	25,566.58	4.94	11,968.62	14.12	19,437.06	6.1	25,447.44	4.99				
PortAventura Park/PortAventura Caribe Aquatic Park	22,031.64	5.38	10,495.85	15.98	16,631.96	6.58	21,819.57	5.35				
Ferrari Land	3,534.94	3.26	1,472.78	7.73	2,805.10	4.25	3,627.87	3.54				
<b>Total hotels</b>	13,586.76	11.93	4,855.70	24.88	11,042.01	15.12	14,472.18	11.93				
Hotel PortAventura	2,828.98	13.08	1,532.58	27.22	2,689.18	15.25	3,287.31	13.11				
Hotel El Paso	2,955.49	9.27	339.82	41.41	2,065.70	13.99	2,939.82	9.18				
Hotel Caribe	3,075.99	14.59	594.45	NA <sup>(2)</sup>	1,641.83	24.66	2,801.58	16.38				
Hotel Gold River	3,495.34	11.02	1,773.00	18.29	3,012.58	13.89	3,506.31	11.14				
Hotel Mansión de Lucy	278.32	16.82	138.23	23.78	241.15	18.38	279.96	19.11				
Hotel Colorado Creek	952.65	16.09	477.63	17.13	1,391.58	12.67	1,657.19	11.72				
PortAventura Dreams Village <sup>(1)</sup>	-----	-----	1.33	17.67	23.24	12.67	0.00 <sup>(4)</sup>	0.00				
PortAventura Convention Centre	1,705.48	24.52	742.81	197.66	827.53	30.88	1,577.22	26.51				
<b>NATURAL GAS</b>												
<b>Total Resort <sup>(3)</sup></b>	8,195.14	1.28	2,322.87	2.22	5,950.55	1.51	7,598.79	1.19				
<b>Total parks</b>	1,581.69	0.31	414.85	0.49	693.80	0.22	1,160.04	0.23				
PortAventura/PortAventura	1,516.49	0.37	405.9	0.62	669.79	0.27	1,131.36	0.28				



MWh	2019		2020		2021		2022	
	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year	Consumption MWh/year	MWh per 1,000 stays-overnight visits/year
Caribe Aquatic Park								
Ferrari Land	65.20	0.06	8.95	0.05	24.01	0.04	28.69	0.03
<b>Total hotels</b>	<b>6,609.25</b>	<b>5.80</b>	<b>1,902.66</b>	<b>9.75</b>	<b>5210.93</b>	<b>7.13</b>	<b>6,403.02</b>	<b>5.28</b>
Hotel PortAventura	1,526.69	7.06	1,013.03	17.99	1269.22	7.20	1,825.55	7.28
Hotel El Paso	1,303.91	4.09	34.53	4.21	852.39	5.77	1,287.01	4.02
Hotel Caribe	1,294.65	6.14	2.08	NA <sup>(2)</sup>	451.92	6.79	814.35	4.76
Hotel Gold River/ Hotel Mansión de Lucy	2,106.47	6.31	704.89	6.86	2114.40	9.19	1,599.30	4.85
Hotel Colorado Creek	377.54	6.38	148.13	5.31	523.01	4.76	876.81	6.20
PortAventura Convention Centre	4.21	0.06	5.37	1.43	45.82	1.71	35.72	0.60
<b>OTHER ENERGY SOURCES</b>								
<b>Total Resort</b>	<b>1,135.40</b>	<b>0.18</b>	<b>461.88</b>	<b>0.44</b>	<b>830.18</b>	<b>0.21</b>	<b>1,010.41</b>	<b>0.16</b>
<b>Fuel</b>	<b>1,016</b>	<b>0.16</b>	<b>452</b>	<b>0.43</b>	<b>756</b>	<b>0.19</b>	<b>912</b>	<b>0.14</b>
Diesel B	31.52	0.00	0	0.00	0	0.00	31.52	0.00
Diesel A <sup>(5)</sup>	650.38	0.10	289.87	0.28	470.58	0.12	511.86	0.08
Petrol <sup>(5)</sup>	333.98	0.05	162.25	0.16	285.51	0.07	368.23	0.06
Propane gas	119	0.02	9.88	0.01	74.09	0.02	98.79	0.02
<b>Total energy consumption Resort</b>	<b>50,189.24</b>	<b>7.86</b>	<b>20,353.34</b>	<b>19.45</b>	<b>38,110.57</b>	<b>9.66</b>	<b>50,106.03</b>	<b>7.86</b>

Data rounded to 2 decimal places

(1) PortAventura Dreams Village began its activity in January 2020.

(2) Hotel Caribe did not receive visits during 2020, and the value of the consumption/visits-overnight stays indicator is not applicable.

(3) PortAventura Dreams Village does not use natural gas.

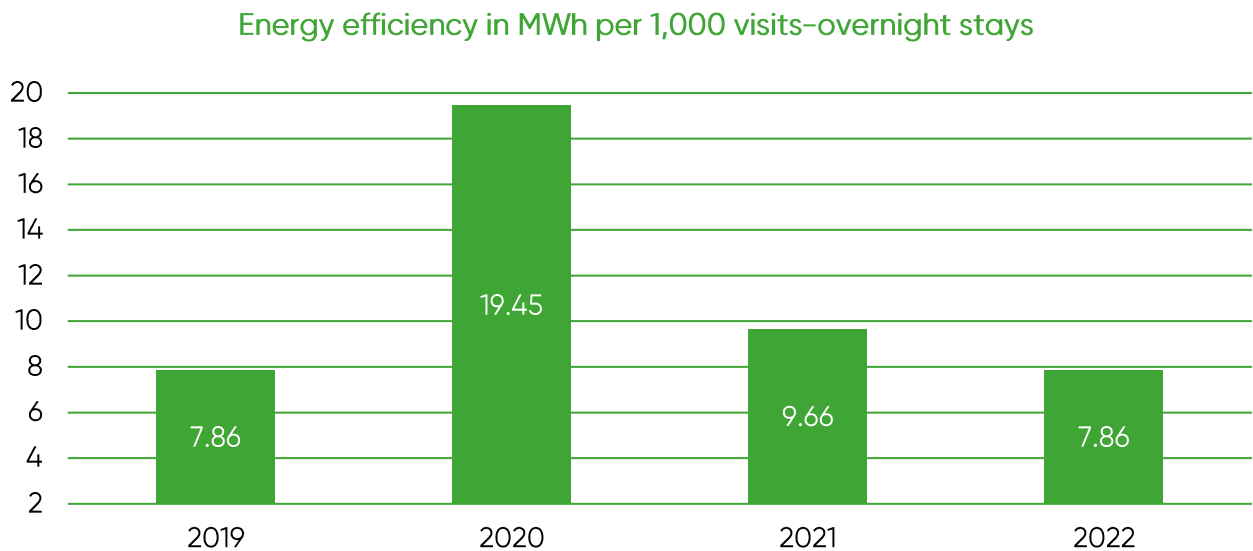
(4) In 2022, due to a malfunction of the exclusive meter at PortAventura Dreams Village, said consumption is included in the meter reading for Hotel Colorado Creek.

(5) As of 2019, this includes the fuel consumption of the fleet of vehicles that is not owned but is managed by PortAventura World. This was calculated by breaking down the diesel and petrol used by these vehicles according to the distribution by autonomous community, type and fuel corresponding to the year 2020 published by the Observatory of Transport and Logistics in Spain (OTLE).

Note: The data related to visits and overnight stays at the Resort can be found on section number 7.1.

## ENERGY EFFICIENCY

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



## 7.5 ATMOSPHERIC EMISSIONS

We monitor our emissions into the atmosphere, although they are not a significant factor in our activity and their environmental impact on air quality is limited. We carry out the corresponding atmospheric controls in accordance with current applicable regulations, Decree 139/2018 on the environmental action systems of establishments which carry out activities which potentially pollute the atmosphere.

The main emission points are diesel train engines, natural gas-powered central heating and hot water boilers, motor vehicles and natural gas combustion in the Templo del Fuego and FiestAventura.

The last inspection was carried out in 2022 through an atmospheric analysis of the establishment, a mandatory requirement for activities deemed to pollute the atmosphere in compliance with current regulations.

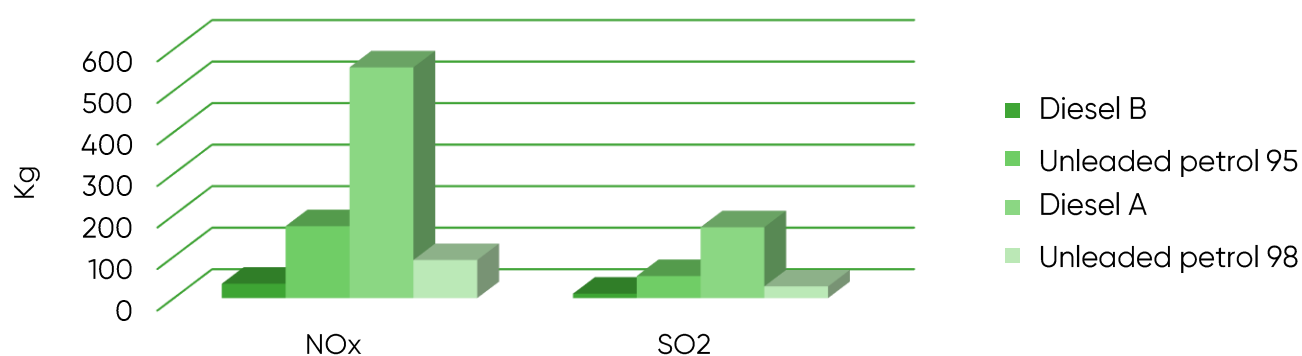
Indicators are also used to measure total annual emissions into the air of SO<sub>2</sub>, NO<sub>x</sub> and PM derived from the direct consumption of liquid fuels used for transport that come from fixed tanks at the facilities and from the leasing vehicles used by PortAventura World.

## Atmospheric emissions of liquid fuels in fixed tanks

2022	NOx (kg)	SO <sub>2</sub> (kg)
Diesel B	34.72	10.67
Unleaded petrol 95	173.27	53.23
Diesel A	555.72	170.71
Unleaded petrol 98	91.70	28.17

Emission factors taken from the European Environment Agency – 1,A.4 Small combustion 2019.

### Fixed tanks

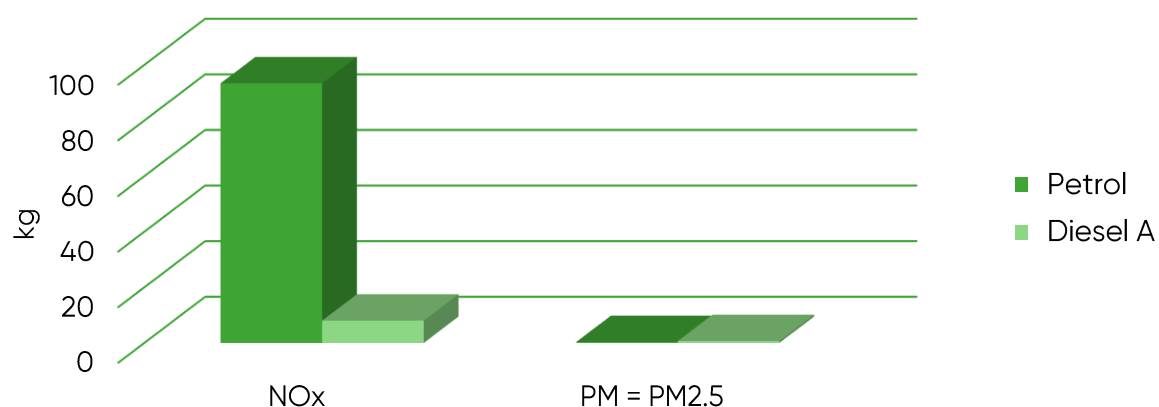


## Atmospheric emissions of liquid fuels in mobile sources

2022	NOx (kg)	PM = PM <sub>2.5</sub> (kg)
Petrol	93.37	0.32
Diesel A	8.03	0.68

Emission factors taken from the European Environment Agency – 1,A.3.b.i-iv Road transport 2019.

### Mobile sources





## 7.6 CARBON FOOTPRINT/GREENHOUSE GAS EMISSIONS

Since 2008, PortAventura World has calculated the carbon footprint of its activity and quantified greenhouse gas emissions expressed in tonnes of CO<sub>2</sub>. We calculate our carbon footprint on the basis of the Greenhouse Gas (GHG) Protocol, the accounting and reporting standard of the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD).

This calculation includes the following categories:

- Direct emissions (scope 1)
- Indirect emissions associated with the purchase of electricity (scope 2)
- Indirect emissions (scope 3)

For scope 1 and 2 categories, the calculations are based on the "Guia pràctica per al càlcul d'emissions de gasos amb efecte d'hivernacle (GEH)" of the Catalan Climate Change Office, according to the annual version in force at the time. In 2022 the carbon footprint was calculated in a more complete manner, including emissions associated with some scope 3 categories applicable to PortAventura World, according to the GHG Protocol, so as to provide further information and data allowing more specific reduction measures to be established depending on the source of emissions.

CARBON FOOTPRINT/GREENHOUSE GAS EMISSION BY SCOPE		2019	2020	2021	2022
Scope 1	Fuel consumption from fixed sources	1,502.48	420.38	2,255.58 <sup>(2)</sup>	1,391.91
	Fuel consumption from mobile sources	243.68	110.90	177.69 <sup>(2)</sup>	224.43
	Fugitive emissions	4,267.83	2,487.41	2,721.52	3,746.57
	Total	6,014.00	3,018.69	5,154.78	5,362.91
Scope 2	Electricity consumption (market-based) <sup>(1)</sup>	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00

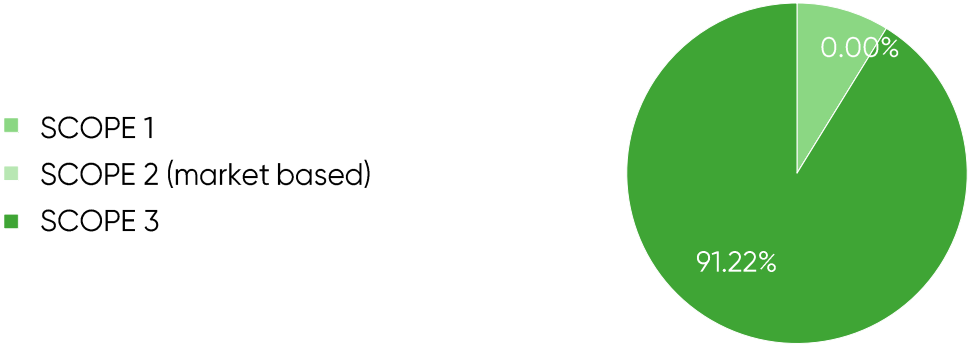
Data rounded to 2 decimal places

(1) Since 2016, indirect emissions associated with electricity consumption have been 0 t CO<sub>2</sub>/kWh because 100% of the supply comes exclusively from renewable energy sources with no CO<sub>2</sub> emissions, (guarantee of origin).

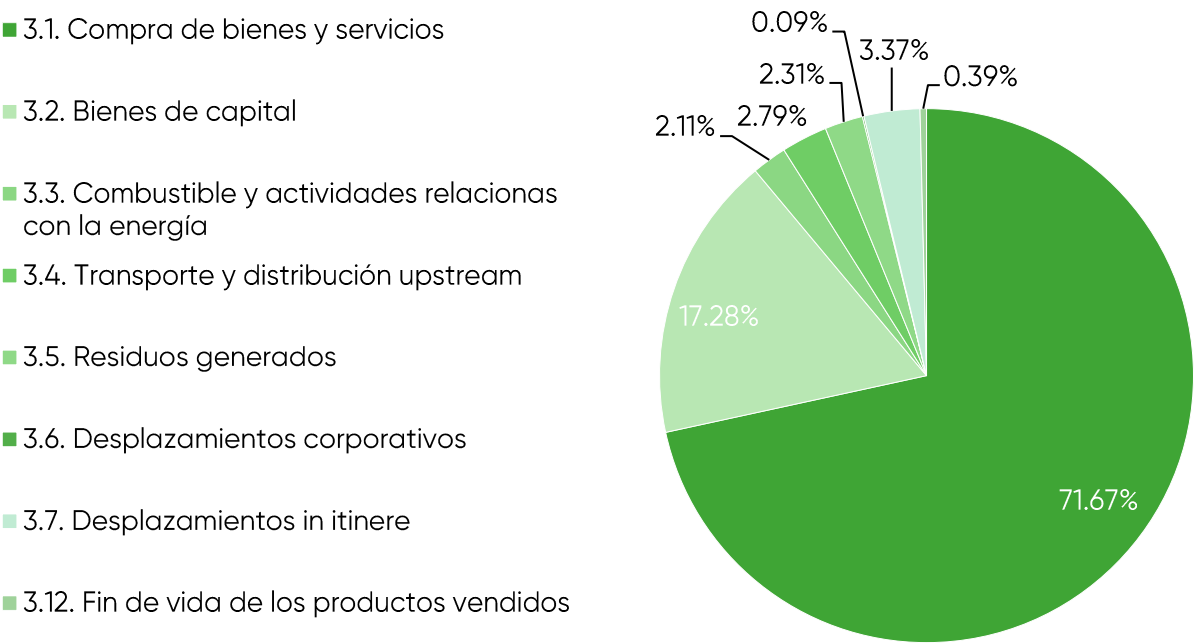
(2) Since 2021 this includes the emissions factors for the gases CH<sub>4</sub> and N<sub>2</sub>O in the fixed and mobile fuel source categories in Scope 1.

According to the carbon footprint calculations corresponding to 2022, scope 3 GHG emissions amount to 55,725.61 t CO<sub>2</sub>e and represent 91.22% of PortAventura World's total emissions (61,088.52 t CO<sub>2</sub>e).

GHG emissions by scope 2022



Scope 3 GHG emissions (market-based) 2022



Calculation of the GHG emissions for the year 2022 employed the emissions factors from the "Guia pràctica per al càlcul d'emissions de gasos amb efecte d'hivernacle (GEH)" of the Catalan Climate Change Office, in the June 2022 version. Other emissions factors used in 2022 correspond to DEFRA GHG and IEA (2022).

In 2023 we will offset 100% of the scope 1 and 2 greenhouse gas emissions generated in 2022 as a result of our activity. The 2022 emissions will be offset through the purchase of verified carbon credits, aimed at protecting and preserving one of the most important migratory corridors on our planet, located on the Guatemalan coast. The woodlands of the Caribbean coastline in Guatemala are a biodiversity reserve, with the area home to almost 10% of the global population of known species of birds. More than 400 bird species have been documented in the area of the project and 120 species depend on the corridor to support their long journeys. The coastline is a migratory corridor for birds on their biannual journey between North and South America. The Guatemala Conservation Coast project protects the habitat of a large number of mammals and reptiles, including 30 High Conservation Value (HCV) species.

The Guatemalan non-profit organization FUNDAECO is responsible for the conservation project.





## 7.7 BIODIVERSITY

m² constructed area	2019	2020	2021	2022
Total m² constructed area	488,017.75	491,418.29	492,481.94	497,732.94
PortAventura Park	264,649.58	265,248.08	266,311.73	271,391.73
Port Aventura Caribe Aquatic Park	5,832.36	5,832.36	5,832.36	6,003.36
Ferrari Land	58,872.46	58,872.46	58,872.46	58,872.46
Hotel PortAventura	33,839.91	33,839.91	33,839.91	33,839.91
Hotel El Paso	26,827.69	26,827.69	26,827.69	26,827.69
Hotel Caribe	30,708.47	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	36,851.04
PortAventura Convention Centre	18,350.39	18,350.39	18,350.39	18,350.39
Hotel Colorado Creek	10,295.60	13,097.64	13,097.64	13,097.64
PortAventura Dreams Village	1,790.25	1,790.25	1,790.25	1,790.25

Data rounded to 2 decimal places

Sealed area	2019	2020	2021	2022
Total m²	2,029,337.00	2,029,337.00	2,029,337.00	2,029,337.00
m² sealed area	1,001,179.75	1,007,599.19	1,007,426.96	1,012,677.96
Percentage of m² sealed area	49.34%	49.65 %	49.64%	49.90%

Data rounded to 2 decimal places

The sealed area is the sum of the m2 constructed area, roads, the parks and the pool area for the entire Resort.

## 7.8 EFFICIENT CONSUMPTION OF CERTAIN MATERIALS

Materials	Environmental aspect	2019	2020	2021	2022
Chemical products for swimming pool and lake maintenance (kg)	Consumption of chemical products	673,927.80	360,478.99	523,576.00	725,732.23
Luminaries (units)	Emission of luminous flux to the atmosphere	18,413.00	6,228.00	9,763.00	14,229.00
Bags for the sale of products at Resort shops (units) <sup>(1)</sup>	Consumption of natural resources	572,966.00	165,263.00	145,093.00 <sup>(2)</sup>	126,705.00
Cleaning products (kg)	Consumption of chemical products	99,311.80	49,550.71	93,579.37	90,200.04
Oils and lubricants (kg)	Consumption of chemical products	7,805.89	3,750.50	6,294.90	6,268.83
Office paper (kg)	Consumption of natural resources	19,230.80	5,626.00	7,635.00	16,092.00

Data rounded to 2 decimal places

(1) The data for 2020 includes the consumption of bags for the new product items consumed.

(2) In 2021 plastic bags are not provided for product sales at shops.



# 8 LEGAL REQUIREMENTS ON THE ENVIRONMENT AND INDUSTRIAL SAFETY





One of the principles of PortAventura World's Environmental Policy is to ensure compliance with legal environmental requirements and any other voluntary requirements to which it subscribes.

At PortAventura World through an external company specialized in legal regulations, we have updated the identification and evaluation of compliance with the applicable legal provisions and other requirements to which we have voluntarily subscribed. This company identifies the regulations that apply to the organization within its scope in terms of environmental and industrial safety matters at the international, European, state, regional and local level, as well as other requirements that apply and/or are of interest. All of these are managed and controlled by a software application.

Experts carry out an annual review to verify legal compliance, in order to guarantee that the company is operating under the terms established by law. Likewise, according to the frequency established by the regulations, the company is submitted to audits carried out by accredited control entities that verify strict regulatory compliance in environmental and industrial safety matters.

In 2022, the regulations have been affected mainly by the political-economic situation resulting from the Ukraine and Russia conflict, which has led the rest of the European countries to take exceptional measures regarding electricity and gas consumption. At PortAventura World, we have followed the measures implemented by the competent authorities, adapting all the areas of the Resort to the new regulations. Below are some of the most significant legal requirements and the actions that PortAventura World has implemented in order to comply with and effectively manage them.

Vector	Legislation	Legal requirements
<b>Environmental clearance</b>	Law 20/2009, of 4 December, on the environmental prevention and control of activities.	PortAventura World has an environmental clearance resolution dated 31 July 2013, along with its subsequent resolutions of non-substantial changes. For example: Angkor (2014) and the expansion of Hotel Gold River (2014), Hotel Mansión de Lucy (2015), the inauguration of Ferrari Land (2016), Hotel Colorado Creek (2019) and PortAventura Dreams Village (2021). The restaurant LaLiga 29's (2021) has no environmental impact neither for people nor for the environment. It will be monitored in the next periodic control to be carried out by PortAventura World in 2024.
<b>Water consumption</b>	Royal Legislative Decree 1/2001, of 20 July, which approves the consolidated text of the Water Act.	PortAventura World has a concession for reclaimed water granting it the right to use reclaimed water from the Vila-seca and Salou WWTP for irrigating the garden areas in its parks and hotels.
<b>Water collection from the mains system</b>	ACORD GOV/1/2020, of 8 January, which approves the Special action plan during situations of alert and possible drought.	The monthly consumption value, broken down by source, is sent to the Catalan Water Agency on a quarterly basis, in compliance with what is established in the Special action plan during

Vector	Legislation	Legal requirements
		situations of alert and possible drought. PortAventura World is within the Pre-alert situation levels.
<b>Water discharges</b>	Decree 130/2003, of 13 May, which approves the Public Sanitation Services Regulation.	The 2013 environmental clearance is available, which includes the wastewater discharge permit.
<b>Noise pollution</b>	Decree 176/2009 of 10 November, which approves the Regulation of Law 16/2002 of 28 June, on protection against noise pollution that is adapted in its annexes.	Voluntary controls of noise emissions are carried out every three years, to verify compliance with the prescriptions set forth in the applicable regulations. The last voluntary control was carried out in May 2022 with a positive result.
<b>Fluorinated greenhouse gases</b>	Regulation (EU) No 517/2014 of the European Parliament and of the Council of 16 April 2014 on fluorinated greenhouse gases and repealing Regulation (EC) No 842/2006.	Equipment containing fluorinated gases is checked for leaks according to the frequency established in the Regulation based on the tonnes of CO <sub>2</sub> equivalent.
<b>Light pollution</b>	Decree 190/2015, of 25 August, implementing Law 6/2001, of 31 May, on environmental management of lighting for the protection of the night environment.	At the end of a new project that includes outdoor lighting installations, the compliance of said luminaires with the applicable regulations is verified, as is their compliance with the requirements established in the environmental clearance and said compliance is accredited with the issuing of a certificate by of the Engineering company responsible for the execution of the project. The sectoral control of light pollution at the PortAventura World resort was carried out on 23 December 2022 with a positive result.
<b>Waste</b>	Law 7/2022, of 8 April, on waste and contaminated soil for a circular economy.  Royal Decree 553/2020, of 2 June, which regulates the transfer of waste within Spain.	Waste is managed and measures are promoted to prevent its generation and mitigate adverse impacts on human health and the environment, with the company prioritizing the recovery of waste.  The company has contracts and prior notifications with the corresponding accredited waste managers.
<b>Packaging and waste from packaging</b>	Royal Decree 1055/2022, of 27 December, on packaging and waste from packaging.	Contaminated and uncontaminated packaging waste is managed through an authorized manager responsible for its recovery.  The company's hotels and restaurants, and the shops selling food have established measures for the supply of water and products without packaging.
<b>Food waste</b>	Law 3/2020, of 11 March, on the prevention of food losses and waste.	In compliance with Law 3/2020 on the prevention of food losses and waste, the company has a Manual of criteria to control food waste which is used to monitor compliance with the requirements set out in said regulations.

Vector	Legislation	Legal requirements
<b>Energy efficiency – energy audits</b>	Royal Decree 56/2016, of 12 February, transposing Directive 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 service providers and energy auditors and promotion of efficiency in the energy supply.	The last energy audit carried out to validate regulatory compliance for the year 2020 was carried out in January 2021. Said audit led to the development of an improvement action plan focused on energy savings for the period 2020-2024.
<b>Environmental Quality Seal</b>	Resolution TES/2807/2016, of 28 November, which establishes the environmental criteria for the granting of the environmental quality guarantee seal to hotel establishments.	In 2022, the following have the Environmental Quality Guarantee Seals:  Hotel PortAventura  Hotel El Paso  Hotel Caribe  Hotel Gold River
<b>Energy efficiency – certification of energy efficiency of buildings</b>	Royal Decree 564/2017, of 2 June, which modifies Royal Decree 235/2013, of 5 April, which approves the basic procedure for the certification of the energy efficiency of buildings.  Royal Decree 390/2021, of 1 June, which approves the basic procedure for the certification of the energy efficiency of buildings.	All buildings within the scope of application of Royal Decree 564/2017 have the corresponding energy efficiency certificate.  With the entry into force of the new Royal Decree, PortAventura World is in the process of certifying the buildings affected by Royal Decree 390/2021 in order to obtain the corresponding energy efficiency certificate.
<b>Self-Protection Plan</b>	Decree 30/2015, of 3 March, which approves the catalogue of activities and centres obliged to adopt self-protection measures and establishes the content of these measures.	Approved by Civil Protection on 8 October 2013. In 2022, the review of the company's General Self-protection Plan was carried out, to be submitted to the authorities in 2023. The joint Self-Protection Plan for Hotel Colorado Creek and PortAventura Dreams Village was also submitted.
<b>Fire protection</b>	Royal Decree 513/2017, of 22 May, which approves the Regulation of fire protection installations.	Maintenance of the fire protection installations and a quarterly, semi-annual and annual review of the fire protection systems are carried out, as are all other multi-annual reviews for all existing fire protection equipment.
<b>Pressure equipment</b>	Royal Decree 809/2021, of 21 September, which approves the Regulation of pressure equipment and its complementary technical instructions	The existing pressure equipment in the facilities are registered and their periodic inspections are carried out according to their classification under the applicable Royal Decree. Maintenance is also carried out on all equipment.
<b>Thermal installations</b>	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.  Royal Decree 178/2021, of 23 March, which	An inspection has been carried out of the systems of the air conditioning installations with an effective rated output after adding together the installed capacities equal to or greater than 70 kW.  Inspections are carried out on thermal



Vector	Legislation	Legal requirements
	<p>amends Royal Decree 1027/2007, of 20 July, which approves the Regulations of Thermal Installations in Buildings.</p> <p>Royal Decree-Law 14/2022, of 1 August, on economic sustainability measures in the field of transport, in matters of grants and aid for studying, as well as measures for energy savings, energy efficiency and reduction of dependence on natural gas.</p>	<p>installations in heating systems and domestic hot water with a total capacity equal to or greater than 70 kW.</p> <p>Maintenance is carried out under the same frequency already established in the previous Royal Decree, since this point has not been amended with the entry into force of the new decree.</p> <p>The temperature of the installations complies with current regulations.</p>
<b>High voltage</b>	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.	The high voltage installations have been officially approved and the corresponding inspections are carried out.
<b>Climate change – Sustainable mobility</b>	Royal Decree-Law 29/2021, of 21 December, which adopts urgent measures in the field of energy to promote electric mobility, self-consumption and the deployment of renewable energies.	Vehicle charging points are available, at various locations in the Resort free of charge for both visitors as well as employees and suppliers.
<b>Dangerous goods</b>	Royal Decree 97/2014, of 14 February, which regulates the transport of dangerous goods by road within Spain.	The company has a Security Advisor and an annual report is submitted to the competent body in the first quarter of the year. A technical visit is carried out annually and the corresponding report is written up.
<b>Storage of chemical products</b>	Royal Decree 656/2017, of 23 June, which approves the Regulation on the Storage of Chemical Products and its Complementary Technical Instructions MIE APQ 0 to 10.	The existing chemical product warehouses in the facilities have been officially approved. All of them pass their annual reviews and corresponding regulatory five-year inspections. Any new storage of chemical products required in the future will be officially approved as established in this Royal Decree.
<b>Registration of pesticide and biocidal establishments and services</b>	Royal Decree 285/2021, of 20 April, which establishes the conditions for storage, sale, import or export, official control and authorization of tests with phytosanitary products, and modifies Royal Decree 1311/2012, of September 14, which establishes the method of action to achieve a sustainable use of phytosanitary products.	<p>The use of phytosanitary products by personnel assigned to these functions is verified by the company through a platform in which it is accredited that the personnel who use said products have the regulatory documentation and make use of personal protective equipment.</p> <p>The warehouse for the storage of phytosanitary products has been officially approved and passes its corresponding regulatory reviews and inspections.</p>

Vector	Legislation	Legal requirements
<b>Water for human consumption</b>	Royal Decree 902/2018, of 20 July, which modifies Royal Decree 140/2003, of February 7, which establishes the sanitary criteria for 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 commercialization of natural mineral waters and bottled spring waters for human consumption, and of Royal Decree 1799/2010, of 30 December, which regulates the process of preparation and commercialization of bottled water for human consumption.	The water used for human consumption undergoes control analyses in accordance with the parameters with the provisions of Article 18 of Royal Decree 140/2003.
<b>Prevention and control of Legionnaires' disease</b>	Royal Decree 487/2022, of 21 June which establishes the health requirements for the prevention and control of Legionnaires' disease.	Periodic analyses and reviews are carried out at all existing facilities at risk of proliferation of Legionella bacteria through a licensed company. An analysis plan is in place to ensure adjustment to the regulatory requirements in the shortest possible time.
<b>Atmospheric emissions</b>	Decree 139/2018, of 3 July, on the environmental action systems of establishments which carry out activities which potentially pollute the atmosphere.  IT-AT-004 Technical instruction on the registration and measurement of tank ventilation and extraction of laboratory hoods	The emitting sources of PortAventura World, based on their potential for polluting the atmosphere, are categorized as having no assigned group within the catalogue of activities which potentially pollute the atmosphere (CAPCA-2010). All emitting sources are registered in the electronic register of the Generalitat of Catalonia. The company is categorized as group C due to the sum of the powers of the existing emitting sources. The last atmospheric control of the establishment by an accredited body was carried out in May 2022. The existing emitting sources are currently in the process of being adapted to the regulations.  There is a laboratory hood that has been declared and reported to Generalitat de Catalunya as an extraction source that cannot be considered a source of atmospheric emissions.
<b>EMAS</b>	Regulation (EU) 2018/2026 of 19 December 2018 amending Annex IV to Regulation (EC) No 1221/2009 of the European Parliament and of the Council on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS)	Amendment of Annex IV of Regulation (EC) No 1221/2009 Environmental Reporting.

Vector	Legislation	Legal requirements
<b>Dangerous goods</b>	Amended text of Annexes A and B of the European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR 2021) with the Amendments adopted during the 105th, 106th, 107th sessions of the Working Party on the Transport of Dangerous Goods of the United Nations Economic Commission for Europe (UNECE).	We comply with the prescriptions regarding the international transport of dangerous goods by road (ADR) contained in this standard, both those actions necessary for sending goods prior to the actual transport itself (classification, choice of containers, generation of the documentation, controls prior to dispatch, etc.), as regards circulation and choice of vehicle, driving method, choice of driver and equipment.
<b>Refrigerating facilities</b>	Royal Decree 552/2019, of 27 September, which approves the Safety Regulations for refrigerating facilities and their complementary technical instructions.	In accordance with the applicable Royal Decree, the regulatory leak controls are carried out based on the amount of CO <sub>2</sub> equivalent for each facility as well as the corresponding reviews and inspections.
<b>Vehicles</b>	Royal Decree 265/2021, of 13 April, on vehicles at the end of their useful life which amends the General Vehicle Regulations, approved by Royal Decree 2822/1998, of 23 December.	Upon reaching the end of their useful life, the vehicles belonging to PortAventura World are handled appropriately and delivered to an authorized vehicle processing centre where they are dismantled and their components are correctly managed as waste.

# 9 VALIDATION





Updated Environmental Statement in accordance with the requirements established in Annex IV of European Regulation (EU) 2018/2026 of 19 December 2018 amending Regulation (EC) No 1221/2009 of the European Parliament and of the Council on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS).

Almudena

Bouza Martínez

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