

Heritage Sea Resort

SAVOY signature

ENVIRONMENTAL SUSTAINABILITY REPORT 2019

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Scope

We have implemented a new management philosophy, setting goals in the areas of efficiency, efficacy and quality, seeking to strengthen our relationships with employees and suppliers, laying the groundwork for sustainable management and committing ourselves to social responsibility.

This Sustainability Report reinforces our commitment to our environmental policy, seeking a balance between social, economic and environmental aspects and consolidating a sustainable management approach.

This report is for our activities carried out in 2019, and is divided into three chapters:

- In the first, we present an analysis of the results of environmental indicators – Energy, Waste, Water and Chemicals – and strategic goals for 2019.
- The second describes employee and customer training and engagement.
- In the third, we present interactions with the local community and projects involving our management policy and partnerships.

Strategy

To engage customers, employees, the local community and suppliers to encourage better environmental performance in all their activities, products and service

- To strengthen the skills of our human resources;
- To ensure financial and economic



Figure 1 - Ecological partenership

Sustainability goal

ROYAL SAVOY GOALS PLAN - 2020 ROYAL SAVOY																	
SGA Process	Goals	Curent data (2019)	To be achieved (2020)	Acções a Desenvolver	Resp.	Jan	Fev	Mar	Apr	May	Evol Jun	ution Jul	Aug	Sept	Oct	Nov	Dec
sı	Communication and execution of environmental activities	3	4	Plan environmental actions regularly. Promote (by distributing brochures) to guests and staff.	DC+DIR												
al actio	Audits	3	4	Implement audits according to plan	GQ												
Environmental actions	Maintain or increase the amount of local products	Fruits, Vegetables, Chicken, Sweets, Wines	Fruits, Vegetables, Chicken, Sweets, Wines	Choose local products whenever possible. Set a measurable goal if possible.	C+GQ												
П	Increase the amount of bio products	Jams	Jams, olive oils, sweets and cookies	Choose bio products whenever possible. Set a measurable goal if possible.	C+GQ												
Training	Environmental training	2 to 5 training sessions	3 training sessions in 5 Áreas	Comply with the training plan. Evaluate the training provided.	GQ												
Tra	Improve training efficiency	60%	61%	Evaluate the training provided.	GQ												
uest			Reduce consum	otion of:													
Electricity+water+gas /Guest	Water (Floors + Kitchen + Rest + Bar + Common Areas + Swimming Pool)	0,31 m3	0,29 m3	Replacement of flow reducers + Training to raise awareness + Swimming pool = reduce the number of times it is washed	ENG+GQ												
ricity+wat	Electricity (Floors + Kitchen + Rest + Bar + Common Areas)	27,65 Kw	26,50 Kw	Changing lamps from Halogen to Led's + Training to raise awareness	ENG+GQ												
Elect	Gas	1,10 Kg	1,00 Kg	Training to raise awareness	ENG+GQ												
			Reduce consum	otion of:													
cts/Guest	Food areas	0,037 kg/ Lt	0,035 kh/ Lt	Improve efficiency in the use of products. Training to raise awareness	GQ												
Cleaning products/Guest	Pool	0,011 kg/Lt	0,010 Kg/Lt	Improve efficiency in the use of products. Training to raise awareness	GQ												
Clea	Rooms	0,018 Kg/Lt	0,017 Kg/lt	Improve efficiency in the use of products. Training to raise awareness	GQ												
Consumables	Kitchen	0,010 kg/Lt	0,009 kg/Lt	Sensitize employees to reduce the use of consumables	GQ												
Consu	Floors and common areas	0,053 kg/Lt	0,050 Kg/Lt	Sensitize employees to reduce the use of consumables	GQ												
Waste	Recycling rate	70,68%	72,00%	Sensitize employees to reduce the use of consumables	DR/GQ												
Ä	Recycling quality	" Very Good"	"Excelent"	Increase recycling quality	DR/GQ												
faction	Improve Global Final Result of Satisfaction - Booking	92,30%	92/%	Sensitize employees to provide a friendly service with rigor and quality.	GQ												
Customer and supplier satisfaction	Improve Global Final Result of Satisfaction - Trip Advisor	4.5 (max 5)	4.7	Increase customer perception of the hotel quality and service.	GQ												
ner and sur	Improve Global Final Result of Satisfaction - Expedia	4.6(max 5)	4.8	Increase customer perception of the hotel quality and service.													
Custom	Improve guest satisfaction - environmental sustainability	72%Very Good 25% Good	75%Very Good 26% Good	Increase customer perception of the concerns regarding environmental issues.	GQ												
ate: 11-01-2	2020		Quality & Sustainabil	ity Alice Costa						Board	Luisa	Correia	a				

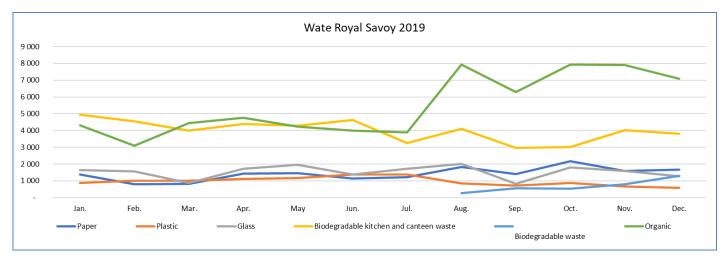
Table 1 - Goals Plan

Chapter I Environmental indicators

Waste

Waste Designation	Code LER ⁽¹⁾	ion		Percentage weight	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Paper	150101	R12	8670	11,07%	1 382	795	821	1 421	1 462	1 145	1 215	1830	1410	2170	1600	1660
Plastic	150106	R12	3700	4,72%	867	1 008	1 021	1 123	1 167	1 391	1 389	850	710	880	670	590
Glass	150107	R12	7480	9,55%	1 640	1 560	866	1 711	1 968	1 376	1 715	2000	830	1800	1590	1260
Biodegradable kitchen and canteen waste	200108	R12	17870	22,81%	4 933	4 555	3 998	4 396	4 279	4 625	3 253	4090	2960	3010	4010	3800
Biodegradable waste	200201	R12	3480	4,44%								270	570	540	800	1300
Organic	200301	R12	37140	47,41%	4 319	3 099	4 430	4 749	4 238	3 996	3 890	7940	6280	7940	7900	7080
QTY Total			78340	100,00%	13141	11017	11136	13400	13114	12533	11462	16980	12760	16340	16570	15690

Table 2 - Waste 2019



Graphic 1 - Waste 2019

Comparing the results of the analysis of waste recycling in 2018, we can see that a total of about 108.2 tons were produced, while in 2019 there was a reduction of approximately 29.9 tons, making a total of 78.3 tons of waste.

	TAXA DE RECICLAGEM ANO 2019												
70,68	<u>8%</u>	<u>15</u>	MUITO BOA										
DESIGNAÇÃO	PESO	%	TIPOS RESÍDUOS										
IND.	28 721	33,47%	INDIFERENCIADO										
RECICLÁVEIS	27 043	31,52%	VID	PLA	PAP								
ORG.	30 039	35,01%	ORGÂNICOS										
TOTAL	85 803		TODOS										

Table 3 - Quality of recycling

COI	MPARATIVO TAX	(A DE RECICLA GE	M
2017	<u>59,35%</u>	2018	<u>61,25%</u>
<u>2017</u>	MÁ	<u>2018</u>	BOA

Table 4 - Comparative of recycling

QUALIDADE DA RECICLAGEM										
QUALIDADE	LIMI	TES %	NÍVEL	CLASSIF						
SUPER	90%	100%	А	18-20						
EXCELENTE	80%	90%	В	16-18						
MUITO BOA	70%	80%	С	14-16						
воа	60%	70%	D	12-14						
MÁ	50%	60%	Е	10-12						
MUITO MÁ	30%	50%	F	6-10						
PÉSSIMA	0%	30%	G	0-6						

Table 6 - Quality of recycling

	JAN	67,13%	BOA	<u>14</u>
	FEV	74,56%	MUITO BOA	<u>15</u>
	MAR	73,25%	MUITO BOA	<u>15</u>
DA 2019	ABR	64,56%	BOA	<u>13</u>
	MAI	70,44%	MUITO BOA	<u>15</u>
EVOLUÇÃO MENSAL DA TAXA DE RECICLAGEM 201	JUN	68,53%	BOA	14
ÇÃO ZECIC	JUL	66,06%	BOA	<u>14</u>
/OLU	AGO	72,02%	MUITO BOA	<u>15</u>
EAXA	SET	70,05%	MUITO BOA	<u>15</u>
·	OUT	72,25%	MUITO BOA	<u>15</u>
	NOV	77,14%	MUITO BOA	<u>16</u>
	DEZ	72,14%	MUITO BOA	<u>15</u>
MÉDIA	2019	<u>70,68%</u>	MUITO BOA	<u>15</u>

Table 5 - Evolution of recycling

Analyzing recyclable wastes, there was a significant improvement in the recycling rate, obtaining a rate of 70.68% in 2019, compared to the value obtained in 2018 (61.25%). The decrease in the total weight of solid waste and the increase in the recycling rate compared to the previous year is a direct consequence of the promotion of the various awareness programs and environmental training among employees and customers

Energy, water and gas

	Electric	power cons	sumption k	W/guest
Month	2016	2017	2018	2019
Jan.	28,95	24,31	28,03	26,71
Feb.	26,24	21,84	24,56	25,01
Mar.	28,51	22,46	24,58	27,47
Apr.	25,44	21,79	25,14	24,98
May	25,28	23,29	22,64	27,17
Jun.	27,10	22,48	23,85	25,61
Jul.	24,51	23,61	23,49	26,24
Aug.	24,62	21,97	23,80	27,73
Sep.	26,10	27,28	25,11	29,80
Oct.	24,72	27,92	24,82	28,12
Nov.	23,51	26,54	25,70	27,16
Dec.	30,64	29,82	30,15	35,83
Monthly average	26,30	24,44	25,16	27,65

Table 7 - Electric Power Consumption

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5,00	Ш	-	Ш	Ш	Ш	Ш	Ш	-	Ш	Ш	Ш
				Ш		Ш					Ш
,00		Ш	Ш	Ш		Ш	Ш	Ш			
5,00		Ш	Ш	Ш	Ш	Ш	Ш	Ш		ш	
,00											
Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.

Graphic 2 -Electric Power Consumption

	Public	water cons	umption m	3/guest
Month	2016	2017	2018	2019
Jan.	0,22	0,22	0,25	0,30
Feb.	0,22	0,25	0,27	0,31
Mar.	0,24	0,23	0,29	0,27
Apr.	0,21	0,21	0,23	0,31
May	0,21	0,21	0,24	0,31
Jun.	0,26	0,23	0,24	0,31
Jul.	0,23	0,24	0,22	0,28
Aug.	0,24	0,26	0,32	0,32
Sep.	0,21	0,24	0,29	0,33
Oct.	0,22	0,26	0,32	0,29
Nov.	0,22	0,26	0,25	0,37
Dec.	0,28	0,26	0,29	0,37
Monthly average	0,23	0,24	0,27	0,31

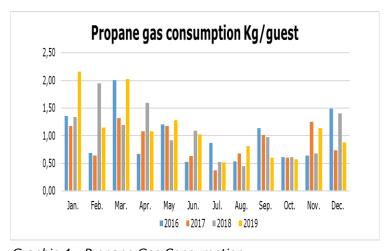
Table 8 - Public Water Consumption

	Public water consumption m3/guest										
,40											
,35											
,30		-									_
,25 —				_	1		-111	-#		-11	-
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,05			-	-	-	-		-	-	-	╂
,00											
Ja	n. Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.

Graphic 3 - Public Water Consumption

	Propane gas consumption Kg/guest				
Month	2016	2017	2018	2019	
Jan.	1,36	1,18	1,34	2,16	
Feb.	0,69	0,64	1,95	1,15	
Mar.	2,00	1,32	1,19	2,03	
Apr.	0,67	1,08	1,59	1,08	
May	1,20	1,17	0,92	1,28	
Jun.	0,52	0,63	1,09	1,02	
Jul.	0,87	0,37	0,52	0,51	
Aug.	0,53	0,68	0,45	0,81	
Sep.	1,14	1,01	0,98	0,60	
Oct.	0,61	0,61	0,61	0,57	
Nov.	0,64	1,25	0,68	1,14	
Dec.	1,49	0,74	1,40	0,88	
Monthly average	0,98	0,89	1,06	1,10	

Table 9 - Propane Gás Consumptiom



Graphic 4 - Propane Gas Consumption

	Propane gas consumption Kg/Guest + Energy					
Mês	2016	2017	2018	2019		
Jan.	30,31	25,48	29,37	28,87		
Fev.	26,93	22,47	26,51	26,16		
Mar.	30,51	23,78	25,77	29,50		
Abr.	26,11	22,87	26,74	26,06		
Mai.	26,48	24,47	23,56	28,44		
Jun.	27,62	23,11	24,95	26,63		
Jul.	25,38	23,98	24,01	26,76		
Ago.	25,16	22,65	24,25	28,54		
Set.	27,24	28,29	26,09	30,40		
Out.	25,34	28,53	25,43	28,69		
Nov.	24,15	27,80	26,37	28,30		
Dez.	32,13	30,56	31,55	36,71		
Monthly average	27,28	25,33	26,22	28,75		

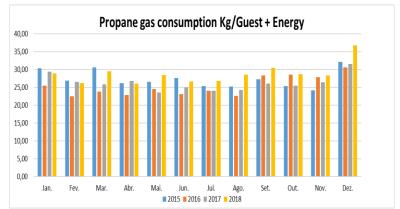


Table 10 - Propane Gas Consumption +Energy

Graphic 5 - Propane gas Consumption

The results presented in the consumptions are due to the following corrective actions:

- Project to raise awareness among our customers and employees -Information signs on "How to reduce consumption and help the environment";
- 2. Replacement of lamps with LEDs in all areas of the hotel;
- **3.** Not heating the pool when raining or in adverse weather conditions, which considerably reduced gas consumption;
- **4.** There was a reduction in the water flow from taps and showers, which currently:
 - **4.1.** Taps = 6L / m3;
 - **4.2.** Showers = 10L / m3;
- **5.** Training sessions were held for employees;
- **6.** Equipment replaced by other with lower consumption.

Chemicals used in kitchen

Chemicals Kitchen						
Month						
Jan.	0,012	0,046	0,041			
Feb.	0,028	0,028	0,025			
Mar.	0,040	0,054	0,037			
Apr.	0,018	0,011	0,030			
May	0,048	0,040	0,028			
Jun.	0,022	0,032	0,052			
Jul.	0,036	0,022	0,036			
Aug.	0,034	0,036	0,034			
Sep.	0,022	0,027	0,041			
Oct.	0,035	0,032	0,038			
Nov.	0,025	0,040	0,049			
Dec.	0,033	0,015	0,044			
Average	0,030	0,032	0,037			

Table 11 - Chemicals Kitchen

Graphic 6 - Chemicals Kitchen

Chemicals used in hotel rooms/floors

Chemicals Rooms/Floors					
Month	2017	2018	2019		
Jan.	0,061	0,012	0,019		
Feb.	0,020	0,016	0,015		
Mar.	0,080	0,018	0,017		
Apr.	0,054	0,014	0,015		
May	0,067	0,018	0,021		
Jun.	0,076	0,013	0,017		
Jul.	0,046	0,014	0,015		
Aug.	0,049	0,010	0,019		
Sep.	0,053	0,012	0,019		
Oct.	0,076	0,014	0,022		
Nov.	0,054	0,018	0,015		
Dec.	0,070	0,011	0,025		
Average	0,059	0,014	0,018		

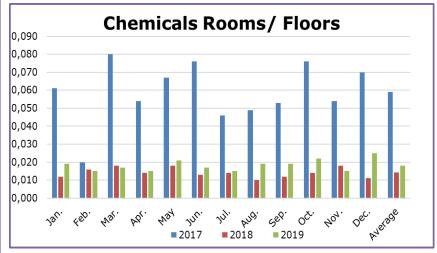


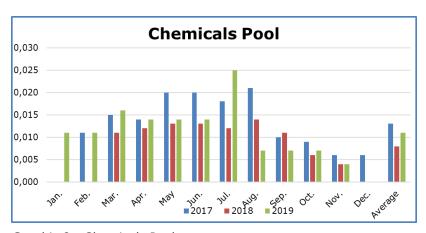
Table 12 - Chemicals Room/Floors

Graphic 7 - Chemicals Rooms / Floors

Chemicals used in swimming pools

Chemicals Pool							
Month	Month 2017 2018 2019						
Jan.	0,000	0,000	0,011				
Feb.	0,011	0,000	0,011				
Mar.	0,015	0,011	0,016				
Apr.	0,014	0,012	0,014				
May	0,020	0,013	0,014				
Jun.	0,020	0,013	0,014				
Jul.	0,018	0,012	0,025				
Aug.	0,021	0,014	0,007				
Sep.	0,010	0,011	0,007				
Oct.	0,009	0,006	0,007				
Nov.	0,006	0,004	0,004				
Dec.	0,006	0,000	0,000				
Average	0,013	0,008	0,011				

Table 13 - Chemicals Pool



Graphic 8 - Chemicals Pool

Kitchen Consumables

Kitchen Consumables						
Mouth	2017	2018	2019			
Jan.	0,000	0,006	0,005			
Feb.	0,005	0,006	0,016			
Mar.	0,001	0,000	0,005			
Apr.	0,003	0,013	0,013			
May	0,001	0,006	0,018			
Jun.	0,001	0,012	0,004			
Jul.	0,001	0,012	0,013			
Aug.	0,002	0,012	0,001			
Sep.	0,003	0,005	0,010			
Oct.	0,001	0,001	0,003			
Nov.	0,005	0,024	0,012			
Dec.	0,002	0,022	0,016			
Average	0,002	0,010	0,010			

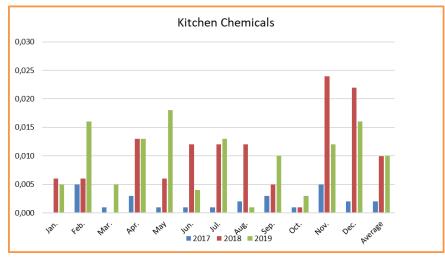
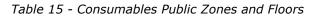


Table 14 - Kitchen Consumables

Graphic 9 - Kitchen Consumables

Supplies used in public areas

Consumables Public Zones and Floors							
Mouth	2017	2018	2019				
Jan.	0,041	0,046	0,053				
Feb	0,042	0,054	0,054				
Mar	0,060	0,046	0,065				
Apr	0,044	0,050	0,044				
May	0,042	0,051	0,065				
Jun.	0,056	0,053	0,047				
Jul.	0,056	0,053	0,047				
Aug	0,039	0,054	0,049				
Sep	0,045	0,051	0,052				
Oct	0,042	0,062	0,059				
Nov	0,053	0,041	0,040				
Dec	0,048	0,042	0,054				
Avarage	0,047	0,050	0,053				





Graphic 10 - Kitchen Consumables



Graphic 11 - Laundry Clothes

The hotel is aware that the excessive or improper use of chemicals, in general, may have negative impacts on human health and the environment, since this can cause pollution and contamination to the surrounding environment.

We contacted our suppliers this year to ask if the products they use/provide contain any chemical agents shown on the programme list. All answered that they did not use any products with these components.

The following suppliers were consulted:

- Truly Nolen Pest Control
- RJP (supplier of sanitation and cleaning products)

In addition, those who use sanitation and cleaning products in their daily tasks were instructed on the proper use of chemicals in different areas of the hotel to ensure that they are used correctly and only when needed, thereby reducing their overall use and environmental impact.

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Chapter II Employee training



Figure 2 - Diploma Distribuicion to HouseKepping staff



Figure 3 - Diploma Distribuicion to bar staff

Chapter III

Employee and customer engagement

In February, tree-planting events were held on Pico do Areeiro, which was attended by 15 guests and 4 staff members from the Royal Savoy and Savoy Gardens hotels. In all, around 1,000 plants from 10 species native and endemic to Madeira were planted: Laurels (*Laurus novocanariensis*), Dyer's Greenwood (*Teline maderensis*), Pride of Madeira (*Echium candicans*), Honey Spurge (*Euphorbia mellifera*), Marguerite daisies (*Argyranthemum pinnatifidum*) and Carrot Trees (*Monizia edulis*) were put in and mulched with wood chips to await the night's fog and drizzle.

"The hotel professionals, in addition to the tremendous commitment they showed while planting, had the opportunity to learn in the field about the importance of recovering the central mountain range's biodiversity for the sustainable future of Madeira's tourism. The tourists, almost all British aficionados of gardening, quickly grasped the monitors' teachings, and planted with great enthusiasm".



Figure 4 - Clients who participate on reforestation

These initiatives prove that a good number of guests are open to them, and see them not only as a different way of participating in the reforestation efforts

in Madeira's mountains, but also as a way to connect and interact with the environment and local communities.

Equally, the group says it fully subscribes to the comments of the association's blog: "After working for four hours in temperatures between 3° and 5°C, relative humidity constantly at around 100%, almost non-stop fog and a north-east wind between 30 and 40 kilometres per hour, there's nothing better than a hearty wheat soup and hot herbal infusion to aid digestion and return refreshed to downtown Funchal, where the sun was still shining. When we said goodbye, we were certain we had won over more friends to our cause."



Figure 5 - Reforestation Iniciative

In another initiative, the hotel took part in the reforestation days for indigenous and endemic species on the highest part of Madeira - the Environmental Education Camp at Cabeço da Lenha - as part of the 'reforestation and learning' programme.

This is an environmental programme for reforestation and raising awareness about the importance of our forests.

Employee engagement in social projects

In 2019, a solidarity campaign was carried out for the collection of goods, with the contribution of all hotel employees.

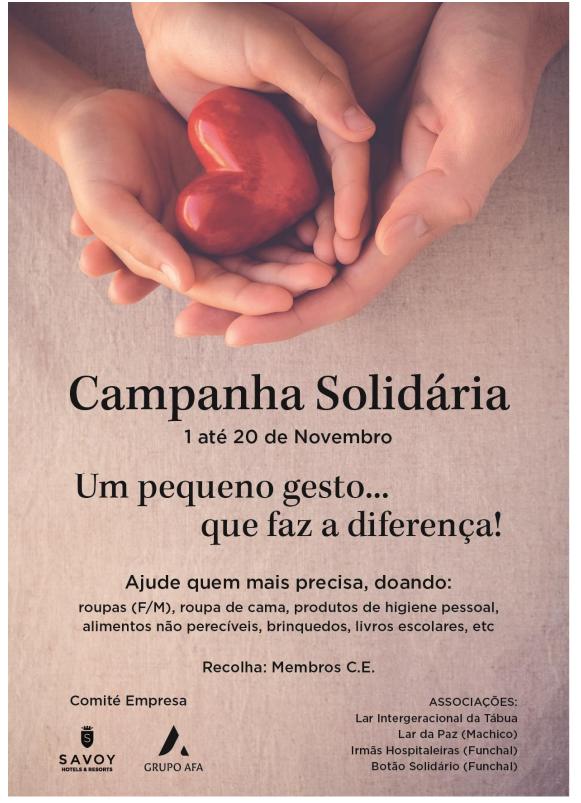


Figure 6 - Solidary campaign



Figure 7 - Solidarity Button

The "Solidarity Button" Social Shop is a social response project whose main goal is to meet the needs of the neediest families by collecting goods like, food, clothing, footwear, toys, among others in the Municipality of Funchal.

The "Royal Savoy Family", in an action of collaboration and goodwill with the needlest, managed to raise a large amount of goods, which was delivered to this social project.

Chapter IV Interactions with the local community and projects involving management policy and partnerships



Figure 8 - Caps Delivery



Figure 9 - Official Partnership



Figure 10 - Prize of Caps Association



Figure 11- Quercus

Quercus and the Madeira Disabled Association are community-based groups with whom we have associated ourselves as partners in order to work with the local community.

Regarding donations, gifts in kind were given to the following institutions in 2018:

Centro de reabilitação Pedagógica da Sagrada Família/ Irmãs Hospitaleiras

Centro da mãe.

Acreditar

Liga Portuguesa contra o Cancro

Associação de Deficientes da Madeira

Donations in kind included bed linen, bath towels, swimming towels, robes and glasses.



Figure 12- Centro da Mãe

The donations offered by our guests, at the symbolic value of 1 euro per stay, were delivered to Psychological, Social and Vocational Rehabilitation Associations for the Disabled.

Chapter V

Our awards



Figure 13 - Green Key 2018



Figure 15 - Travel Life Gold



Figure 14 - Green Key 2019



Figure 16 - Travel Life Certification



Figure 18 - AHP Hotel Members



Figure 17 - Diploma Gold Certification of Madeira Government

The ostentation of an environmental award is the confirmation of good practices of environmental concerns and sustainable development.

Conclusion: The purpose of the report is to improve the sustainable control of our organization.