



Horwath HTL
Hotel, Tourism and Leisure

In collaboration with



Asia Pacific Sustainability Trends 2022

Hotel / Tourism / Leisure

The Global Leader in Hospitality Consulting

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Introduction

Greenview and Horwath HTL are pleased to present the annual Asia Pacific Sustainability Trends 2022 report, which is published for the seventh consecutive year. This report presents results of the 2022 Horwath HTL Asia Pacific Hotel Industry survey.

For this year's report, a total of 2,586 hotels across 15 countries participated by contributing information about their uptake in sustainability practices as well as utility data from 2021 calendar year. The data is compared against a 2019 baseline to provide insight into the average changes in energy and water consumption and costs by country and service type pre and post pandemic.

Additionally, sustainability practices undertaken by hotels were also analyzed to understand implementation status at the country level.

Continuous spreading of awareness and scaling of solutions globally will enable further advancement in this region. We are proud to support the industry's effort to benchmark best practices in sustainability, with the results of this report contributing towards publicly available industry-wide initiatives for hoteliers to understand their properties' sustainability standing: the [Cornell Hotel Sustainability Benchmarking study](#), [Green Lodging Trends Report](#) and [Greenview Hotel Footprinting Tool](#).

We would like to acknowledge and thank the Honorary Advisory Board for the Horwath HTL annual hotel industry surveys and the supporting Country Hotel Associations for their participation and strong support.

Overview

According to a study by Skift Research, it is estimated that the global tourism industry has contributed about 11% of global greenhouse gas emissions in 2019 before the COVID-19 pandemic. A resurgence in the industry's contribution to global emissions is expected following post-pandemic recovery. The Net Zero Roadmap for Tourism, published by the World Travel & Tourism Council in 2021, predicts that global tourism emissions will continue to increase into the 2030s.

The urgency for climate action is clear as the United Nation's Intergovernmental Panel on Climate Change's deadline to reduce emissions by 45% by 2030 approaches. Although the industry is still far from reaching its goal, various stakeholders have been more aggressive in implementing initiatives to combat climate change. As of September 2023, around 830 businesses, organizations, and destinations have declared to support the global commitment to halve emissions by 2030 and reach Net Zero by 2050 in the Glasgow Declaration on Climate Action in Tourism, which was launched during COP26 in 2021.

Zooming into the hotel sector, which accounts for around 1% of global greenhouse gas emissions, hotels have also been actively taking action against climate change. Across the board, there is a steadily increasing trend for the number of hotels attaining green certification. National programs are also

There is a discernible uptick in the incentives for adopting sustainability, reflecting a growing industry emphasis on going green.

being developed to ensure consistency and credibility of certifications. Recent initiators include Singapore, where a national roadmap is set to see at least 60% of hotel room stock to achieve internationally-recognised hotel sustainability certification by 2025, and Turkiye, where certification for its 22,000 hotels is now mandatory under its sustainable tourism program.

There is a discernible uptick in the incentives for adopting sustainability, reflecting a growing industry emphasis on going green. Beyond emissions, travel buyers and intermediaries are increasingly demanding holistic sustainability information from hotels. The display of this information in the form of sustainability attributes and eco-certified labels at consumer point-of-sale are now prevalent, with Booking.com and Google playing significant roles. Other market catalysts pushing the envelope are doing so via green finance instruments that hotels can tap into, such as the International Finance Corporation's (IFC) Hotel Green Revitalization Program (HGRP) that incentivizes retrofit greening of SME hotels in more than 30 countries.

Some of the additional and improved questions in this year's survey are:

	Smart Irrigation System	Whether the property has a smart irrigation system and/or automatic sprinkler systems equipped with moisture sensors.
	Energy Efficiency	What percentage of the property's guestrooms have occupancy sensors.
	Building Re-commissioning	Whether the property has undertaken building re-commissioning in the past 3 years.

Delving into the Asia Pacific region, many hotels largely resumed operations in 2021, though some travel restrictions remained in place and the general sentiment on tourism has not recovered to pre-pandemic levels. Nevertheless, to understand the region's status on sustainability performance and to continuously track progress, we consolidated utility data from 2,586 hotels across 15 countries (2,072 full-service and 514 limited service hotels) for energy and water usage from the 2021 calendar year and asked hotels about their sustainability practices in the seventh edition of the Horwath HTL Asia Pacific Survey on Hotel Sustainability Trends. With each year, the data set, data quality, and uptake in best practices have improved and are likely to continue to become more robust.

Scalable and industry-accepted solutions are important for progress towards greater sustainability in the hotel industry, meriting the need to benchmark these sustainability practices. The report highlights some of the key best practices within the following categories based on adoption rates, namely common (75% and above), established (50%-74%), emerging (25%-49%) and innovative (less than 25%). Following the consolidation of energy and water usage data, we then calculated the greenhouse gas (carbon) emissions of the hotels using the energy data, producing the metrics according to the same methodology used in the [Cornell Hotel Sustainability Benchmarking Index](#).



Survey Accuracy

The benchmarking data presents, a baseline reference on the operational performance and prevalence of sustainability practices among hotels. Great emphasis is placed on presenting accurate benchmarks, and the derivation of results abide to the following fundamentals.

Cost and Usage Variance

Cost and usage metrics vary widely across properties and are determined by several factors, as some figures reported from utility invoices will include large facility components adjacent to but separate from the property's actual operations.

Likewise, data may be underreported or allocated disproportionately. We used several levels of validity testing to remove outliers and inaccurate data; however, we must acknowledge that certain outliers may always exist and be valid data under nuanced circumstances. Finally, the participating hotels from each country data may vary each year, and therefore, the comparisons do not represent like-for-like comparisons.

Requisite Sample Size

Each country's average benchmark figure will only be presented if the number of participating hotels is more than ten percent of the total respondents in the respective column group, or \geq five participating hotels overall. Anything less than ten percent/five respondents will be shown as "-".

Country	Full Service	Limited Service	Grand Total
Australia	86	13	99
China	1,340	262	1,602
India	56	23	79
Indonesia	108	72	180
Japan	82	20	102
Korea	20	16	36
Malaysia	77	11	88
Maldives	21	-	21
Philippines	20	18	38
Singapore	81	20	101
Thailand	127	44	171
Vietnam	42	12	54
Total	2065	513	2578

*Data received from Cambodia, Laos and Myanmar were not included due to lack of minimum sample size.



Key Findings

Evidently, COVID-19 had a significant impact on the hospitality industry due to travel restrictions, with many hotels ceasing or reducing capacity of operations. Consequently, the data from 2020 may not accurately reflect typical hotel operations, and drawing comparisons between that year's data and others may not yield a clear understanding of performance trends or changes. Hence, this report uses 2019 data as the baseline for comparison against the 2021 data. This is to provide a more accurate assessment of the trends in energy and water consumption, as well as adoption of sustainability best practices.

KEY FINDINGS

Energy consumption & cost

Looking at the general trend from 2019 onwards, energy consumption per square metre decreased significantly in 2020, which is attributed to travel restrictions due to COVID-19. As travel restrictions eased in 2021, it was seen to increase for the year. However, energy consumption per square metre in limited service hotels in Singapore, Malaysia, China and Vietnam continued to decrease in 2021, likely due to the erratic pandemic recovery period in these countries.

Regardless of the changes due to COVID-19, energy consumption is seen to be generally higher in Maldives, Korea and Singapore as the average consumption per square metre across 2019 to 2021 are 418kWh, 256kWh and 256 kWh respectively. Conversely, hotels in Thailand, Philippines and Malaysia seem to have lower energy consumption in general with an average of 147kWh, 174kWh and 160kWh respectively. The median energy usage in the region by country from 2019 to 2021 are detailed across all hotel segments (Figure 1), full service hotels (Figure 2), and limited service hotels (Figure 3).

Figure 1: Median Energy Usage PSM – All Hotels (kWh)

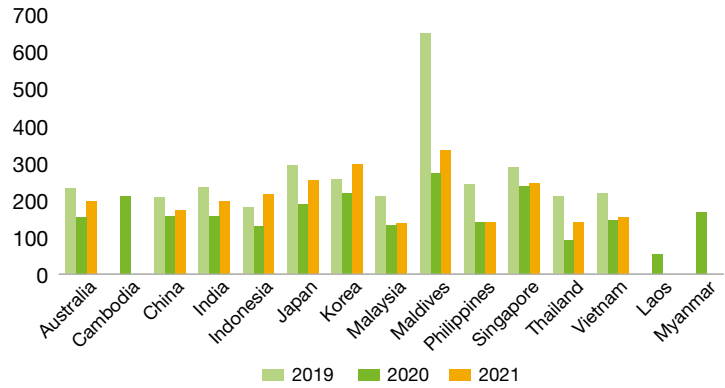


Figure 2: Median Energy Usage PSM – Full Service Hotels (kWh)

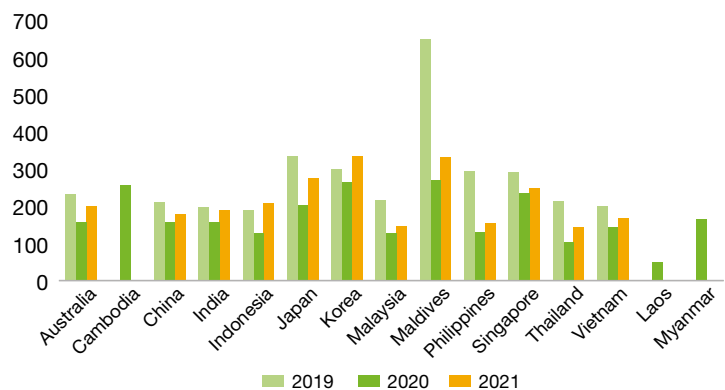
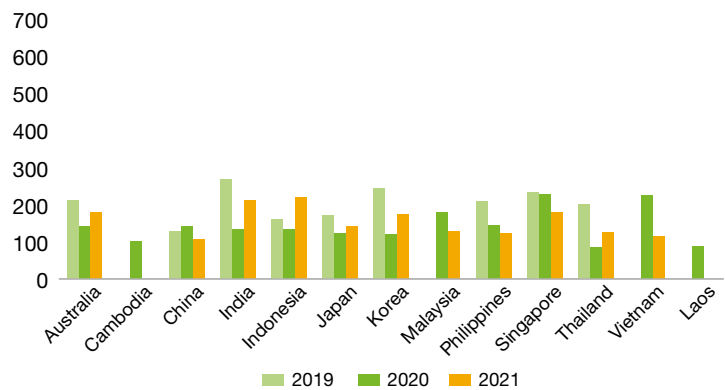


Figure 3: Median Energy Usage PSM – Limited Service Hotels (kWh)

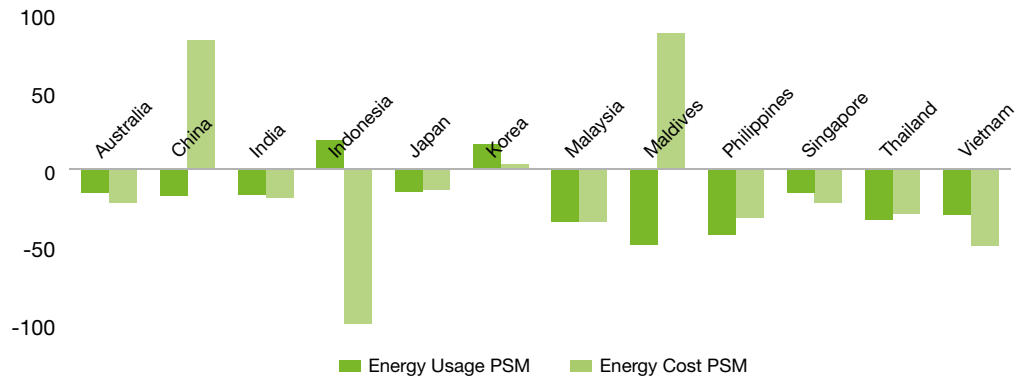


KEY FINDINGS

When comparing 2021 data against 2019, it can be seen that energy consumption decreased generally, with the exception of Indonesia and South Korea. In addition, cost of energy seems to follow the trend of energy consumption between 2019

and 2021, with the exception of China and Maldives where energy cost increased despite having a decrease in energy consumption, as well as Indonesia where energy cost decreased although energy consumption increased.

Figure 4: 2021 vs 2019 %Changed of Energy Usage PSM and Energy Cost PSM



KEY FINDINGS

Water consumption & cost

Throughout 2019 to 2021, water consumption per square meter was generally higher in Singapore, Maldives and Korea with averages of 2298L, 2127L and 2327L respectively. Meanwhile, Australia, India and China have lower average water consumption per square meter of 1244L, 1529L and 1586L respectively over the same period. The median water usage in the region by country from 2019 to 2021 are detailed across all hotel segments (Figure 5), full service hotels (Figure 6), and limited service hotels (Figure 7).

Figure 5: Median Water Usage PSM – All Hotels (Liters)

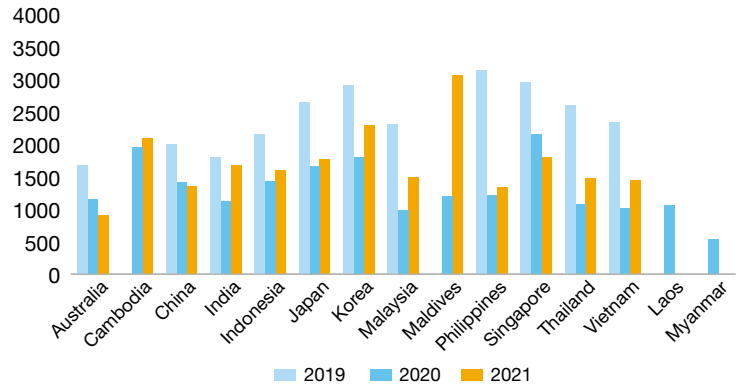


Figure 6: Median Water Usage PSM – Full Service Hotels (Liters)

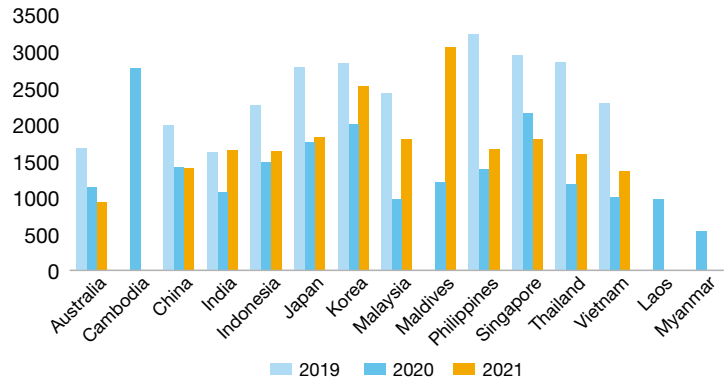
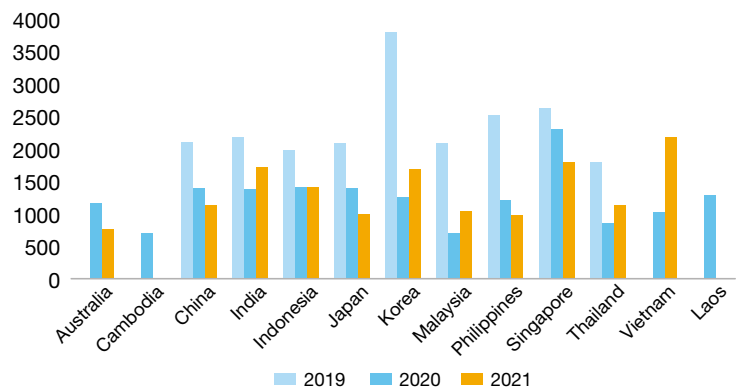


Figure 7: Median Water Usage PSM – Limited Service Hotels (Liters)

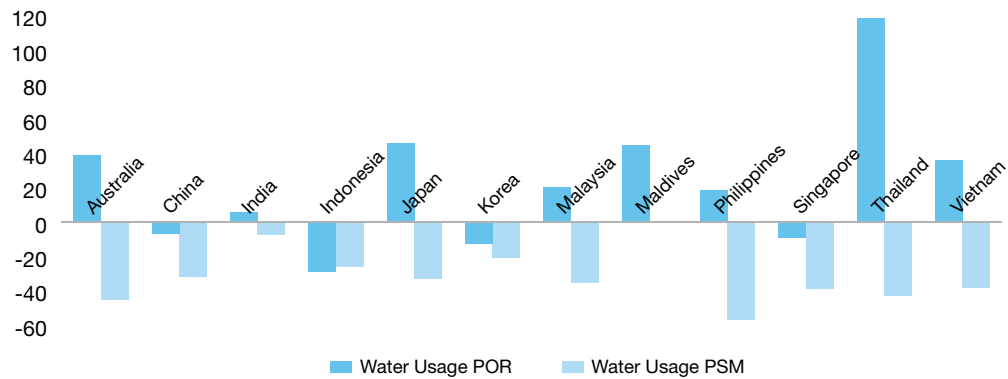


KEY FINDINGS

Water consumption per occupied room had a similar trend as energy per square meter where it increased from 2019 to 2020 and decreased in 2021. When comparing data between 2021 and 2019, there is a general increase in water consumption per occupied room across the years. In contrast, there is a decrease in water consumption per square meter using the same baseline comparison.

Water efficiency is better indicated by water consumption per square meter in this case, as the opposing trends are likely attributed to the continuous usage of water despite a reduction in occupancy rate. Regardless of operation capacity, water was being used regularly to flush and maintain water systems, as well as for cleaning and sanitation procedures to meet COVID-19 hygiene requirements.

Figure 8: 2021 vs 2019 %Change of Water Usage PSM vs Water Usage POR

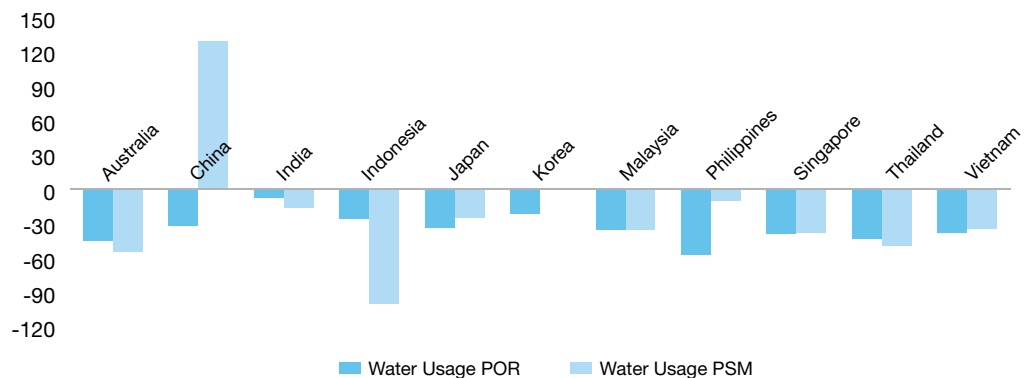


* %Change in Water Usage PSM for Maldives is excluded from the chart as data is insufficient.

In terms of water cost, the trend follows closely to that of water consumption per square meter. However, the magnitude of change might differ marginally, such

as for Indonesia and Philippines. One exception to this trend is China, where water cost increased significantly even though water consumption decreased.

Figure 9: %Baseline Change of Water Usage PSM vs Water Cost PSM



Best practices

Surveying best practices assesses the state of sustainability across the industry and encourages the innovation of green practices.

The **71 best practices** are spread over nine categories, namely:

- Management Systems
- Community Impact
- Health and Wellness
- Responsible Consumption
- Single-use Plastic Elimination
- Water Conservation
- Energy Management, and
- Climate Action

The degree to which they are practiced is depicted through classification determined by **adoption rates**:

- Common (75% and above)
- Established (50%-74%)
- Emerging (25%-49%)
- Innovative (less than 25%)

Comparison is done for adoption rates across best practices as well as countries. It is found that there are 13 best practices where the adoption rate in all countries was more than 50%, including using LED lights in at least 75% of their

lighting, water tracking and implementing strategies to eliminate single-use plastic. Energy tracking has the highest average adoption rate of 97.5% across the region while purchasing carbon offsets and Renewable Energy Certificates (REC) has among the lowest at 7.9%. Among all countries, Maldives has the highest number of best practices with more than 50% adoption rate while Malaysia has the least. Refer to Appendix A for the full list of best practices and their adoption rates for all countries.

In addition, survey results on the uptake of best practices are compared against data from the Green Lodging Trends Report (GLTR) 2022, which is a global benchmarking study on sustainability best practices in hotels from around the world. The adoption rates are categorized in four categories, which are innovative, emerging, established, and common. Some of the key best practices in each category are shown in the table below, together with a comparison between the regional APAC data from this report and global data from GLTR. The APAC region's performance for each best practice is indicated relative to global performance.

Maldives has the highest number of best practices with more than 50% adoption rate.



KEY FINDINGS

Best Practice	Category	APAC	Global	Relative Performance
Carbon Offset or REC Purchase	Innovative	7.90%	20.90%	Lagging
Renewable Energy Generation	Innovative	12.90%	22.70%	Lagging
Native/Drought Tolerant Landscaping	Emerging	38.10%	79.00%	Lagging
Food Waste Prevention Strategies	Emerging	45.70%	85.20%	Lagging
Sustainability Team Budget	Emerging	47.10%	59.20%	Lagging
Involve Guests to Support Sustainability Initiatives	Established	61.00%	78.70%	Lagging
Benchmark Energy Performance	Established	62.00%	91.10%	Lagging
Low or Zero VOC Paints	Established	67.70%	97.10%	Lagging
Vegan & Vegetarian Menu Options	Common	80.90%	34.50%	Ahead
Linen/Towel Reuse Program	Common	83.60%	95.40%	Lagging
Energy Tracking	Common	97.50%	60.80%	Ahead

According to the above table, the APAC region is lagging the global average in terms of uptake rate for the majority of the above best practices. This presents an opportunity for APAC hotels in the region to implement the above best practices

and stay ahead of sustainability trends. To visualise how the different countries in the APAC region compare with each other, the following charts show each country's adoption rates for the above mentioned best practices.

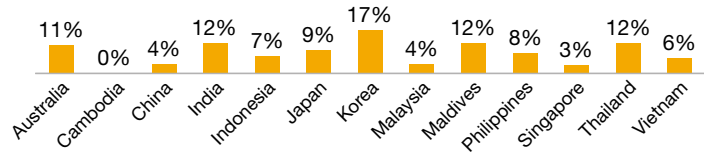
KEY FINDINGS

Innovative Best Practices

The APAC region sees a general lag in terms of purchasing and generating renewable energy, although other practices of energy tracking and energy performance benchmarking are more widely adopted.

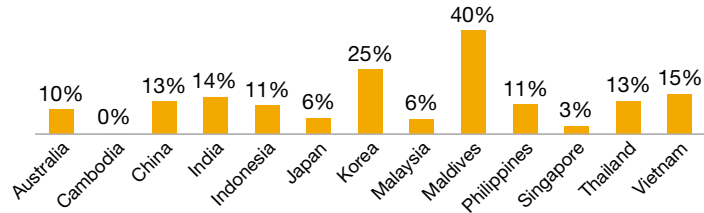
Carbon Offset or REC Purchase (8%)

Across the board, countries see adoption rates of less than 15% for carbon offset or purchase of Renewable Energy Certificates (REC). Performance in Korea is slightly ahead of the region with an uptake rate of more than 16%.



Onsite Renewable Energy Generation (13%)

Renewable energy generation is generally an innovative across countries in the region with participation rates ranging from 0% to 25%. One exception is Maldives, where generating renewable energy onsite is an emerging practice at 40% participation rate.



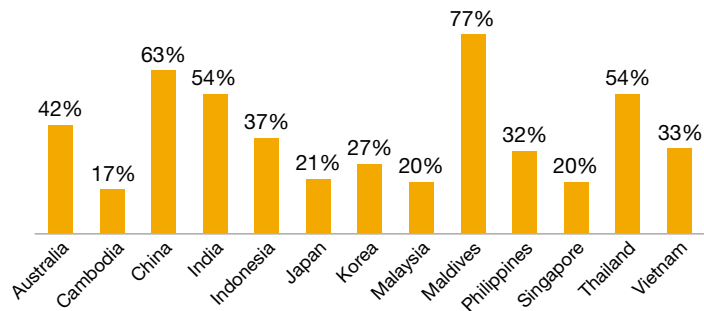
KEY FINDINGS

Emerging Best Practices

Planning and implementing food waste prevention strategies is important when combatting food waste. However, we see that for the majority of countries, only around half of all hotels have this fundamental step in place. We also see that the prevalence of allocated budgets for sustainability teams are tailing global averages, leaving opportunities at the table for effective sustainability teams at the property level.

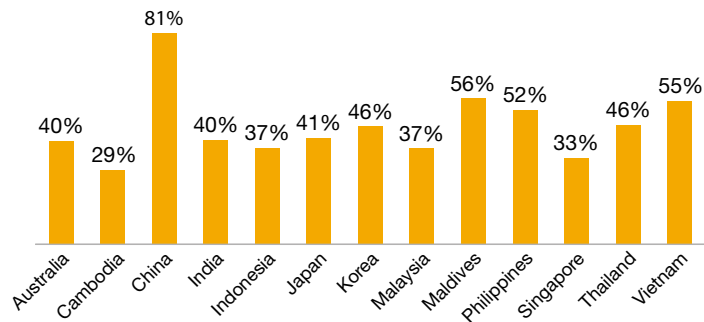
Native/Drought Tolerant Landscaping (38%)

The participation rate of implementing native/drought tolerant landscaping ranges widely from 17% to 77%, where Cambodia has the lowest participation rate while Maldives has the highest.



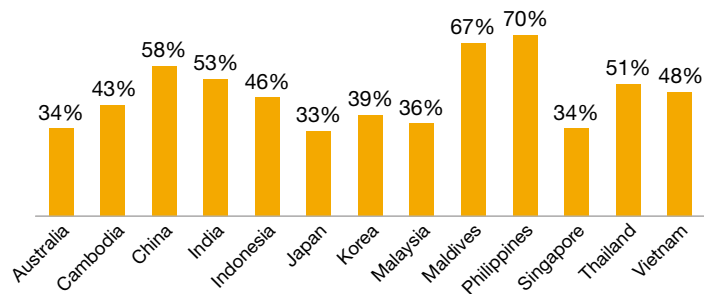
Food Waste Prevention Strategies (46%)

The uptake rate of implementing food waste prevention strategies generally ranges from 29% to 56%. However, China has a significantly higher uptake rate of more than 80%. This is possibly due to increasing compliance to the rollout of China's waste sorting policy which it aims to cover cities with by 2025, along with specific legislation such as the country's anti-food waste law adopted in 2021.



Sustainability Team Budget (47%)

Having a sustainability team budget is generally an emerging practice across the countries in the region, except for India, China, Maldives and Philippines where it is an established practice.



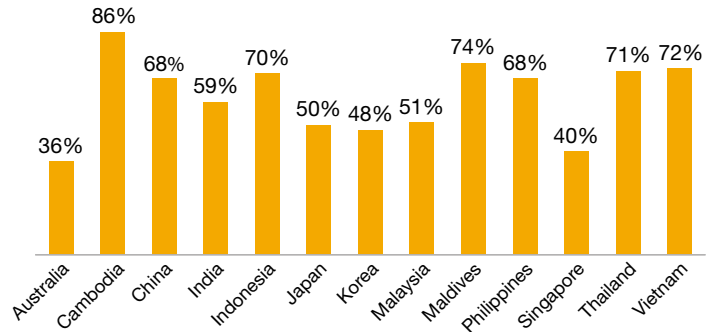
KEY FINDINGS

Established Best Practices

While adoption rates that exceed 50% is noteworthy, it is observed that the adoption rates of these practices lag behind global averages, where these practices are nearly universally embraced. For instance, achieving a ‘common’ status for guest involvement in sustainability initiatives should be capitalized in-line with industry norms, which is inherently oriented towards guest interactions.

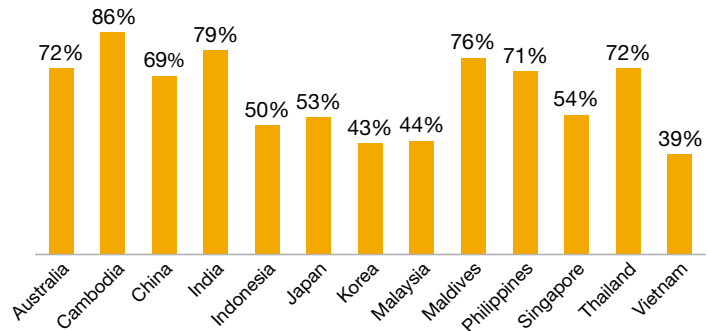
Involve Guests to Support Sustainability Initiatives (61%)

Generally, more than 1 in 2 hotels involve guests to support sustainability initiatives. The exceptions are Australia, Korea and Singapore where only around 36.3% to 48.5% of hotels do the same.



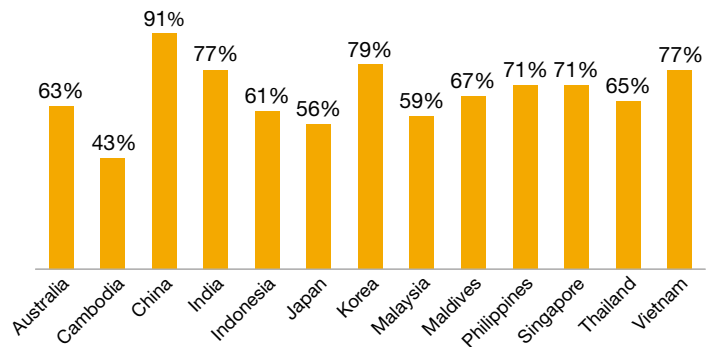
Benchmarking Energy Performance (62%)

More than half of the countries in the region have uptake rates above 70% for benchmarking energy performance, while uptake rates for the other half of the countries is around 1 in 2 hotels.



Low or Zero VOC Paints (68%)

All countries in the region have uptake rates of more than 50% for using low or zero VOC paints, except for Cambodia where it is only 43%.



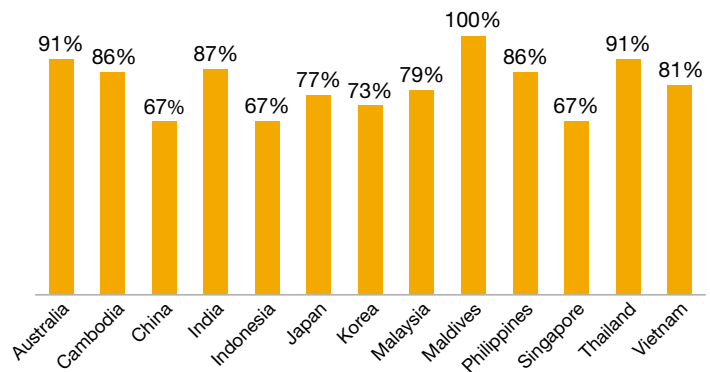
KEY FINDINGS

Common Best Practices

While lagging in several best practices, there are also some which are common across the region. In particular, uptake of vegetarian & vegan menu options is far ahead of the global average. This insight underscores a degree of integration of plant-based dining within APAC, highlighting the region as a leader in the global acceptance of this practice.

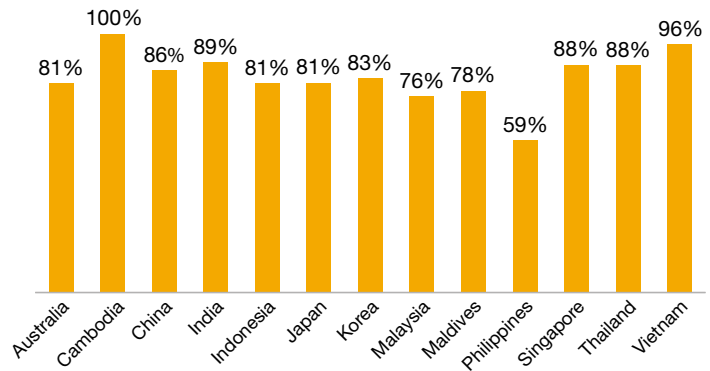
Vegetarian & Vegan Menu Options (81%)

The availability of vegetarian and vegan menu options is especially high in the APAC region, with all countries seeing an adoption rate of more than 65%. The global adoption rate is in stark contrast at 35%.



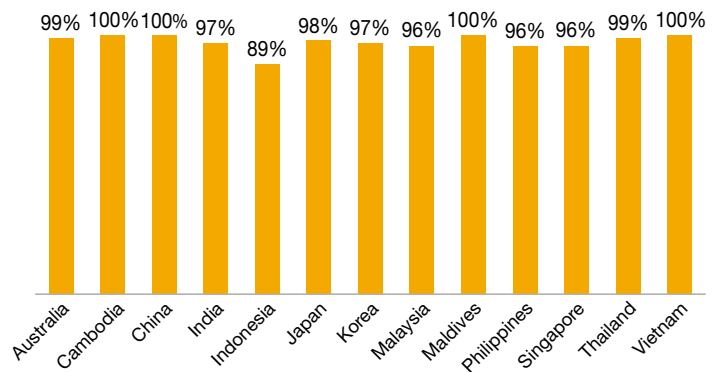
Linen/Towel Reuse Program (84%)

At least 3 out of 4 hotels in all countries implement programs to reuse towels and linens, with the exception of Philippines where only around 60% of hotels do the same.



Energy Tracking (98%)

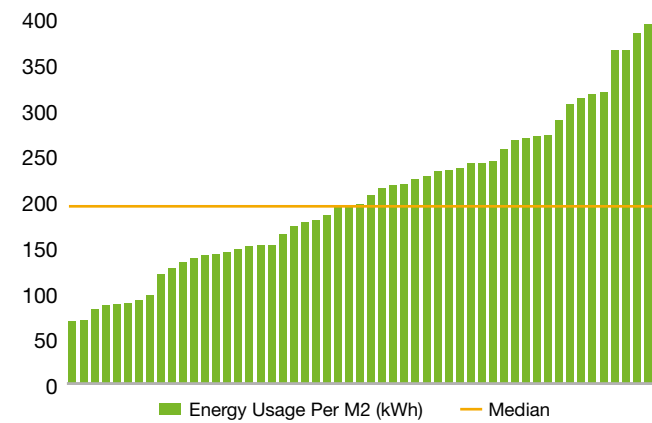
Tracking energy is a common practice for all countries in the region. Amongst the countries, Cambodia, Maldives and Vietnam is performing better than the others as they have 100% uptake rate of the best practice.



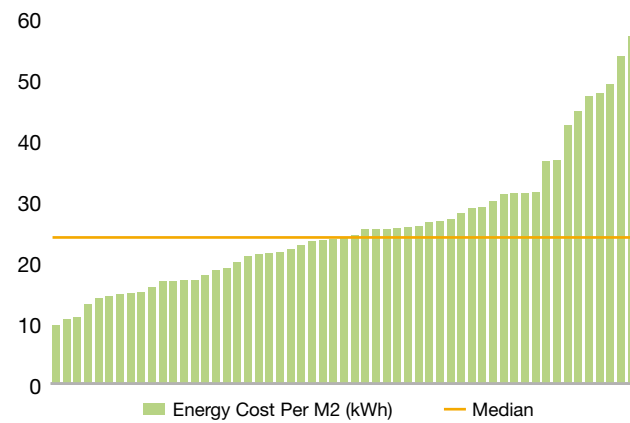


Australia

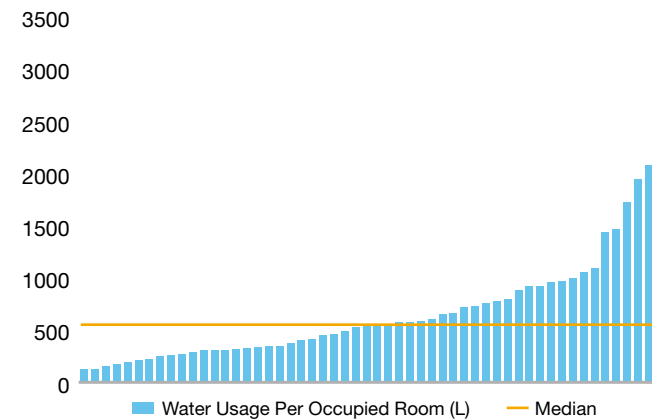
Energy Usage Per Square Metre (kWh)



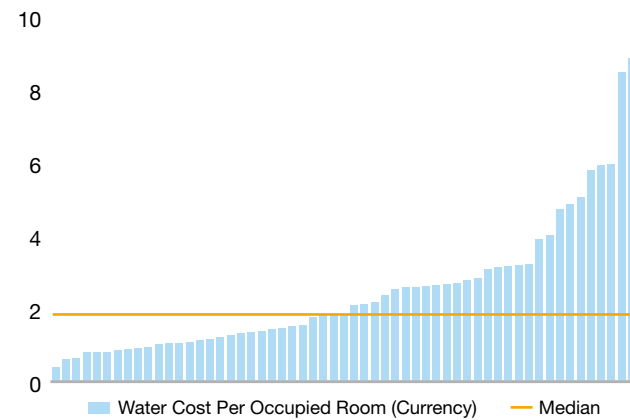
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Australia		Energy (KWh)				Water (L)				GHG (KgCO2e)	
		Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR
All	Count	53	64	55	73	45	54	45	57	53	64
	High	393	394	57	38	3,828	3,243	14	9	301	242
	Mean	204	117	26	13	1,132	680	4	2	108	62
	Q3	257	151	29	17	1,205	858	5	3	142	78
	Median	196	102	24	13	913	552	3	2	104	46
	Q1	142	58	17	8	695	311	2	1	69	31
	Low	68	26	10	3	159	123	1	0	7	5
Full Service	Count	46	57	48	63	40	48	40	51	46	57
	High	393	394	54	38	3,828	3,243	11	9	301	242
	Mean	205	124	25	14	1,143	723	4	3	109	65
	Q3	253	151	28	18	1,191	917	4	3	136	80
	Median	201	109	24	13	932	564	3	2	105	47
	Q1	145	61	18	9	711	335	2	1	75	33
	Low	68	26	11	3	244	124	1	0	7	5
Limited Service	Count	7	7	7	10	5	6	5	6	7	7
	High	312	105	57	24	2,625	604	14	3	165	72
	Mean	193	65	29	9	1,041	333	5	1	101	35
	Q3	254	85	37	11	1,388	383	7	1	146	49
	Median	179	67	29	8	757	299	2	1	97	34
	Q1	126	40	18	4	279	269	2	1	54	17
	Low	97	29	10	3	159	123	1	1	44	9
Airport	Count	6	7	5	6	5	6			5	6
	High	365	208	31	22	2,625	1,088			5	301
	Mean	264	87	27	9	1,551	493			2	135
	Q3	306	120	30	9	2,140	822			2	137
	Median	269	49	29	8	1,152	299			1	107
	Q1	248	43	25	4	1,080	188			1	93
	Low	120	29	22	3	757	124			0	58
Extended Stay	Count	5	5	6	6					5	5
	High	272	78	57	9						143
	Mean	152	61	27	6						89
	Q3	179	75	30	8						142
	Median	120	67	24	7						58
	Q1	97	49	16	4						58
	Low	91	36	10	3						44
Resort – Year Round	Count	5	6		6					5	6
	High	269	252		25						215
	Mean	180	137		15						113
	Q3	236	180		14						124
	Median	185	113		14						112
	Q1	144	86		14						108
	Low	68	63		8						7
Non-Resort	Count	43	53	45	61	41	49	41	53	43	53
	High	393	394	54	38	3,828	2,079	14	9	301	242
	Mean	212	121	25	14	1,170	642	4	2	110	64
	Q3	262	151	29	18	1,388	798	5	3	142	80
	Median	214	108	24	13	913	550	3	2	101	46
	Q1	149	52	18	8	695	313	2	1	75	32
	Low	70	26	11	3	244	124	1	0	15	5

AUSTRALIA

Australia		All		Full Service		Limited Service		Airport		Small Metro/Town		Extended Stay		Resort - Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	93	81%	83	82%	10	70%	8	88%	6	100%	8	88%	8	75%	77	81%
2	Reuse Program Opt Out	73	0%	65	0%	8	0%	6	0%	6	0%	8	0%	6	0%	59	0%
3	≥75% LED Lighting	93	80%	84	82%	9	56%	7	86%	6	67%	8	25%	8	63%	77	87%
4	Variable Frequency Drives	90	80%	80	85%	10	40%	6	50%	6	83%	8	38%	8	100%	74	82%
5	- Main Air Handling Units	73	88%	66	94%	7	29%			6	83%	7	29%	8	88%	58	95%
6	- Kitchen Hoods	72	53%	65	57%	7	14%			6	67%	7	43%	8	50%	57	54%
7	- Elevators	73	53%	66	58%	7	14%			6	67%	7	43%	8	63%	58	53%
8	- Water Pumps	73	71%	66	74%	7	43%			6	67%	7	43%	8	88%	58	72%
9	- Refrigeration Units	73	37%	66	41%	7	0%			6	50%	7	14%	8	38%	58	40%
10	- Other	65	40%	58	41%	7	29%			6	33%	7	29%	8	50%	50	40%
11	Renewable Energy Generation	94	10%	85	8%	9	22%	8	13%	6	17%	8	13%	8	13%	78	9%
12	- Solar Thermal	15	13%	10	20%	5	0%					7	0%			7	29%
13	- Solar PV	15	53%	10	60%	5	40%					7	14%			7	86%
14	- Wind Power	15	0%	10	0%	5	0%					7	0%			7	0%
15	- Geothermal	15	0%	10	0%	5	0%					7	0%			7	0%
16	- Hydroelectric	15	7%	10	10%	5	0%					7	0%			7	14%
17	- Cogeneration	15	7%	10	10%	5	0%					7	0%			7	14%
18	- Heat Pump	15	13%	10	20%	5	0%					7	0%			7	29%
19	- Other Renewable Energy	15	7%	10	10%	5	0%					7	0%			7	14%
20	Carbon Offset or REC Purchase	93	11%	84	10%	9	22%	8	13%	6	0%	8	13%	8	25%	77	9%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	89	11%	80	11%	9	11%	8	0%	6	33%	8	13%	8	13%	73	11%
22	≥75% Guestrooms Have Digital Thermostats	92	76%	84	81%	8	25%	7	57%	6	83%	8	13%	8	100%	76	80%
23	≥75% Guestrooms Have Occupancy Sensor	92	54%	83	59%	9	11%	8	25%	6	67%	8	0%	8	75%	76	58%
24	≥75% Bathroom Occupancy Sensors	92	32%	83	35%	9	0%	8	0%	6	50%	8	0%	8	75%	76	30%
25	≥75% Meeting Room Digital Thermostats	93	59%	84	64%	9	11%	8	63%	6	50%	8	13%	8	75%	77	62%
26	≥75% Meeting Room Occupancy Sensor	92	29%	83	33%	9	0%	8	13%	6	17%	8	0%	8	25%	76	33%
27	High Efficiency Boilers	92	63%	83	66%	9	33%	8	63%	6	83%	8	50%	8	50%	76	66%
28	High Efficiency Chillers	92	65%	83	69%	9	33%	8	63%	6	83%	8	38%	8	50%	76	70%
29	Energy Sub-metering	92	39%	83	40%	9	33%	8	25%	6	83%	8	50%	8	38%	76	38%
30	- Fitness Facility	39	38%	34	44%	5	0%			5	20%	7	0%			29	48%
31	- F&B Facilities	39	49%	34	53%	5	20%			5	60%	7	29%			29	52%
32	- Guestrooms	39	54%	34	53%	5	60%			5	80%	7	43%			29	52%
33	- Public Spaces	39	54%	34	59%	5	20%			5	60%	7	14%			29	59%
34	- Other	39	49%	34	56%	5	0%			5	40%	7	0%			29	55%
35	Energy Tracking	95	99%	86	100%	9	89%	8	100%	6	100%	8	88%	8	100%	79	100%
36	Benchmark Energy Performance	92	72%	83	76%	9	33%	8	88%	6	67%	8	38%	8	63%	76	76%
37	Energy Audit	91	58%	82	60%	9	44%	8	100%	6	67%	8	63%	7	71%	76	57%
38	Recover Waste Heat For Reuse	93	9%	84	10%	9	0%	8	0%	6	17%	8	0%	8	13%	77	9%
39	- Kitchen	16	13%	12	17%							7	0%			8	13%
40	- Laundry	16	13%	12	17%							7	0%			8	13%
41	- Guestrooms	16	13%	12	17%							7	0%			8	13%
42	- Generator	16	13%	12	17%							7	0%			8	25%
43	- Exhaust Air	16	25%	12	33%							7	0%			8	38%
44	- Gray Water	16	13%	12	17%							7	0%			8	13%
45	- Others	16	19%	12	25%							7	0%			8	25%

AUSTRALIA

Australia		All		Full Service		Limited Service		Airport		Small Metro/Town		Extended Stay		Resort - Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	93	27%	84	30%	9	0%	8	13%	6	50%	8	13%	8	13%	77	30%
47	Recycling Bins in Common Areas	94	62%	85	66%	9	22%	8	38%	6	100%	8	38%	8	63%	78	64%
48	Recycling Bins in Guestrooms	94	26%	85	24%	9	44%	8	25%	6	33%	8	50%	8	25%	78	23%
49	Bulk Shampoo Dispenser	94	33%	85	34%	9	22%	8	13%	6	50%	8	38%	8	25%	78	33%
50	Waste & Recyclables Tracking	94	59%	85	62%	9	22%	8	38%	6	50%	8	25%	8	50%	78	63%
51	Donate Leftover Bathroom Amenities	94	51%	85	54%	9	22%	8	25%	6	33%	8	38%	8	38%	78	54%
52	Food Waste Disposal	95	62%	86	66%	9	22%	8	63%	6	33%	8	25%	8	63%	79	66%
53	- Landfill/Incinerator	64	44%	58	47%	6	17%	6	83%			7	14%	5	40%	52	48%
54	- On-site Waste Digester Machine	64	23%	58	26%	6	0%	6	0%			7	0%	5	20%	52	27%
55	- On-site compost	64	14%	58	16%	6	0%	6	0%			7	0%	5	40%	52	13%
56	- Off-site Compost/Organic Waste Treatment Facility	64	36%	58	38%	6	17%	6	17%			7	14%	5	20%	52	40%
57	- Off-site Animal Feed	64	5%	58	3%	6	17%	6	0%			7	0%	5	0%	52	6%
58	- Others	64	6%	58	5%	6	17%	6	17%			7	0%	5	0%	52	8%
59	Waste Audit	92	52%	84	54%	8	38%	8	63%	6	33%	8	38%	8	50%	76	54%
60	Measure Food Waste Generated	91	34%	83	36%	8	13%	8	13%	6	33%	8	13%	8	63%	75	33%
61	Donate Excess Food	83	39%	75	40%	8	25%	8	13%	6	0%	8	13%	8	38%	67	42%
62	Excess Food Not Donated	51	2%	45	2%	6	0%	6	17%	6	0%	8	13%	5	0%	38	0%
63	Food Waste Prevention Strategies	88	40%	81	42%	7	14%	7	14%	6	17%	8	13%	8	25%	72	44%
64	- Training	52	50%	47	53%	5	20%					7	14%			42	55%
65	- Adjust Portion Size	52	58%	47	62%	5	20%					7	14%			42	64%
66	- Redesign Menu	52	54%	47	57%	5	20%					7	14%			42	57%
67	- Change Size of Serving Vessels	52	44%	47	47%	5	20%					7	14%			42	50%
68	- Others	52	21%	47	21%	5	20%					7	0%			42	26%
69	Water Filtration/Hydration Station	91	55%	83	58%	8	25%	7	57%	6	50%	8	38%	8	38%	75	59%
70	- Guestrooms	54	30%	49	31%	5	20%	5	20%			7	29%			44	25%
71	- Meeting Facilities	54	50%	49	53%	5	20%	5	40%			7	14%			44	55%
72	- F&B Facilities	54	72%	49	80%	5	0%	5	40%			7	14%			44	80%
73	- Fitness Facilities	54	70%	49	76%	5	20%	5	60%			7	29%			44	80%
74	Plan to Eliminate Single-use Plastics	91	75%	83	75%	8	75%	8	63%	6	67%	8	75%	8	88%	75	73%
75	- Guestrooms	52	58%	47	53%	5	100%					7	71%			42	55%
76	- F&B Facilities	52	60%	47	62%	5	40%					7	29%			42	64%
77	- Other Guest-facing Facilities	52	60%	47	57%	5	80%					7	57%			42	57%
78	- Back of House	52	52%	47	47%	5	100%					7	71%			42	50%
79	Eliminate Single-use Plastics	92	43%	84	45%	8	25%	8	25%	6	67%	8	38%	8	50%	76	43%
80	≥75% Automatic Sensors Touchless Faucets	93	10%	84	11%	9	0%	8	0%	6	33%	8	0%	8	25%	77	9%
81	≥75% Low-flow Toilets	93	81%	84	85%	9	44%	8	50%	6	67%	8	13%	8	88%	77	87%
82	≥75% Faucets with Low-flow Aerators	90	63%	81	65%	9	44%	8	63%	6	50%	8	13%	8	63%	74	69%
83	≥75% Low-flow Shower-head	93	80%	84	83%	9	44%	8	63%	6	83%	8	13%	8	88%	77	86%
84	Water Tracking	93	92%	84	94%	9	78%	8	88%	6	83%	8	50%	8	100%	77	96%
85	Reuse Gray-Water	93	8%	84	8%	9	0%	8	0%	6	33%	8	0%	8	25%	77	6%
86	Water Submetering	92	36%	83	39%	9	11%	8	38%	6	67%	8	25%	8	63%	76	34%
87	- Guestrooms	36	33%	31	39%	5	0%			5	60%	7	0%	5	20%	24	46%
88	- F&B Facilities	36	47%	31	52%	5	20%			5	60%	7	0%	5	60%	24	58%
89	- Fitness Facilities	36	33%	31	39%	5	0%			5	20%	7	0%	5	0%	24	50%
90	- Swimming Pool	36	64%	31	74%	5	0%			5	80%	7	14%	5	100%	24	71%
91	- Landscaping	36	47%	31	55%	5	0%			5	80%	7	14%	5	60%	24	54%
92	- Others	35	43%	30	50%	5	0%			5	40%	7	0%	5	80%	23	48%

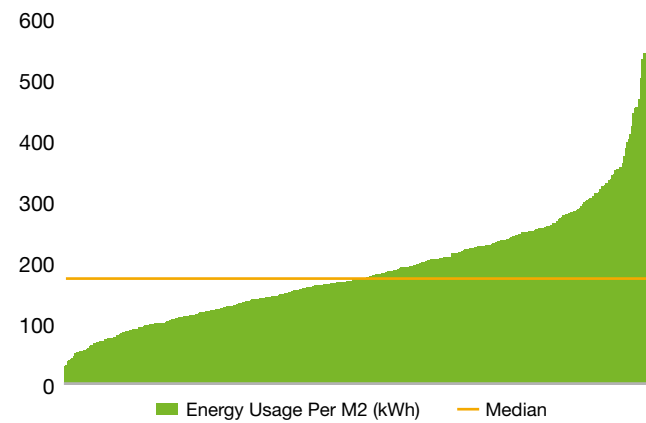
AUSTRALIA

Australia		All		Full Service		Limited Service		Airport		Small Metro/Town		Extended Stay		Resort - Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	92	42%	83	45%	9	22%	7	57%	6	50%	8	25%	8	50%	76	43%
94	Smart Irrigation System	89	21%	80	24%	9	0%	8	0%	6	33%	8	13%	8	63%	73	18%
95	Preventive Maintenance Plan	94	97%	85	98%	9	89%	8	100%	6	100%	8	100%	8	100%	78	96%
96	Sustainability Policy	92	74%	83	73%	9	78%	7	57%	6	83%	8	88%	8	75%	76	72%
97	Sustainability Efforts on Website	91	60%	82	61%	9	56%	7	86%	6	67%	8	75%	8	63%	75	59%
98	Sustainability Champion	92	63%	83	65%	9	44%	7	57%	6	83%	8	75%	8	63%	76	62%
99	Sustainability Team	91	47%	82	50%	9	22%	7	29%	6	83%	8	38%	8	63%	75	47%
100	Sustainability Team Budget	91	34%	82	35%	9	22%	7	29%	6	50%	8	50%	8	38%	75	32%
101	Staff Training on Sustainability	92	71%	83	73%	9	44%	7	57%	6	83%	8	63%	8	75%	76	71%
102	Employee Volunteering Opportunities During Work Hours	91	73%	82	74%	9	56%	7	57%	6	100%	8	75%	8	75%	75	72%
103	Staff Recognition	92	62%	83	64%	9	44%	7	71%	6	83%	8	63%	8	63%	76	62%
104	Staff Feedback Process	91	64%	82	66%	9	44%	7	57%	6	67%	8	75%	8	75%	75	61%
105	Green Certified Cleaning Products	92	51%	83	53%	9	33%	7	29%	6	67%	8	38%	8	75%	76	50%
106	Sustainability Initiatives Communication in Guestrooms	92	63%	83	63%	9	67%	7	71%	6	83%	8	100%	8	75%	76	58%
107	Involve Guests to Support Sustainability Initiatives	91	36%	82	39%	9	11%	7	29%	6	67%	8	38%	8	50%	75	35%
108	Reward Program for Sustainable Guests	91	19%	82	20%	9	11%	7	14%	6	33%	8	13%	8	13%	75	20%
109	≥75% Guest Asking About Carbon Offsetting	85	5%	78	5%	7	0%	7	0%	6	0%	8	0%	7	0%	70	6%
110	≥75% Guests Asking About Sustainability Initiatives	82	5%	75	5%	7	0%	7	0%	6	0%	8	0%	7	0%	67	6%
111	3rd-party Certification	90	32%	81	30%	9	56%	8	13%	6	17%	8	25%	7	29%	75	33%
112	Carbon Footprint Measured	90	44%	81	46%	9	33%	7	29%	6	50%	8	25%	8	63%	74	45%
113	Local Procurement Policy	91	71%	82	74%	9	44%	7	71%	6	83%	8	63%	8	88%	75	71%
114	Sustainability-specific Procurement Requirements	84	51%	76	53%	8	38%	7	43%	6	17%	8	50%	8	25%	68	54%
115	- Contractors	47	57%	41	59%	6	50%	5	40%			8	38%			37	62%
116	- Service Providers	47	57%	41	59%	6	50%	5	40%			8	38%			37	62%
117	- Suppliers	47	91%	41	98%	6	50%	5	60%			8	50%			37	100%
118	- Others	47	43%	41	44%	6	33%	5	20%			8	13%			37	49%
119	Green Roof	92	18%	83	20%	9	0%	8	0%	6	33%	8	25%	7	29%	77	17%
120	Beekeeping	90	8%	81	9%	9	0%	8	0%	6	0%	8	0%	8	0%	74	9%
121	Low or Zero VOC Paints	92	63%	83	66%	9	33%	8	63%	6	83%	8	50%	8	75%	76	63%
122	HVAC Filters Routinely Checked	92	96%	83	95%	9	100%	8	100%	6	100%	8	88%	8	100%	76	96%
123	Building Re-commissioning	90	42%	81	46%	9	11%	8	50%	6	33%	8	0%	7	43%	75	47%
124	Air Purification System	88	40%	79	39%	9	44%	8	13%	6	33%	8	38%	8	63%	72	38%
125	Vegan & Vegetarian Menu Options	91	91%	82	99%	9	22%	7	71%	6	83%	8	38%	8	100%	75	96%
126	Sustainable Seafood Purchasing Policy	90	66%	81	73%	9	0%	7	29%	6	67%	8	25%	8	88%	74	68%
127	≥75% Seafood Purchased Sustainably Certified	89	53%	81	57%	8	13%	7	14%	6	67%	8	13%	8	38%	73	59%
128	≥75% F&B Purchases Are Fair Trade Items	87	40%	79	44%	8	0%	7	0%	6	67%	8	13%	8	63%	71	41%
129	Evaluate Suppliers in Human Rights Areas	89	66%	80	66%	9	67%	7	86%	6	83%						

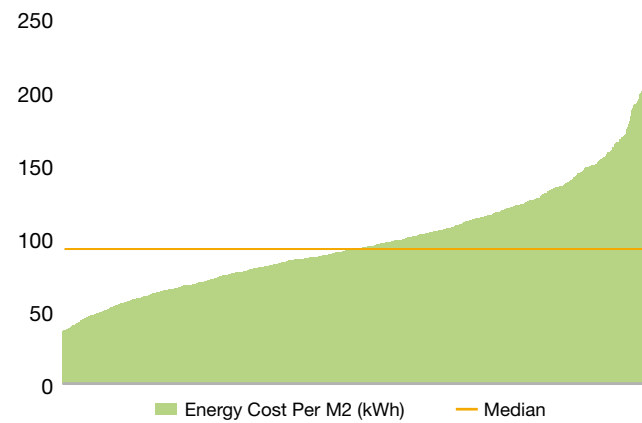


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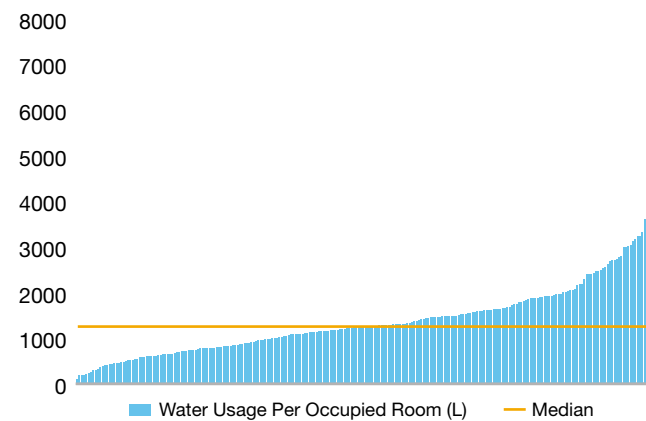
Energy Usage Per Square Metre (kWh)



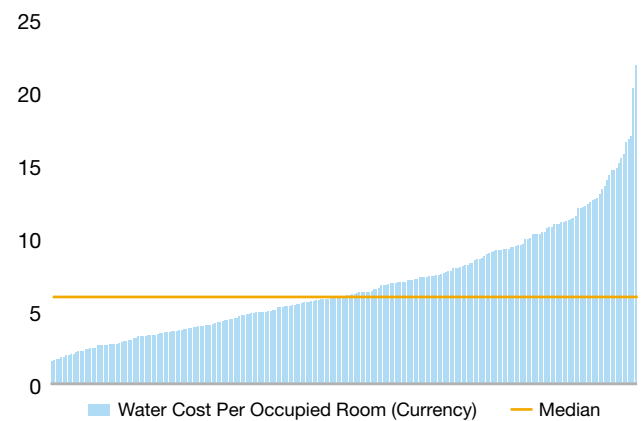
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



China		Energy (KWh)				Water (L)				GHG (KgCO2e)	
		Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR
All	Count	394	354	1,128	361	270	252	752	244	394	354
	High	600	520	217	221	8,353	6,319	23	22	212	235
	Mean	188	162	98	84	1,599	1,429	8	7	77	67
	Q3	236	207	118	104	1,962	1,736	11	9	95	86
	Median	172	146	92	74	1,354	1,257	8	6	71	60
	Q1	120	95	71	56	996	811	5	4	54	44
	Low	28	18	36	28	171	89	2	2	0	0
Full Service	Count	349	319	1,058	329	242	226	716	223	349	319
	High	600	520	217	221	8,353	6,319	23	22	212	235
	Mean	197	172	99	86	1,636	1,529	9	7	79	70
	Q3	242	222	119	106	1,989	1,859	11	9	96	87
	Median	179	152	93	76	1,401	1,299	8	6	75	62
	Q1	129	109	72	58	1,020	961	6	4	58	47
	Low	28	27	36	28	171	187	2	2	0	0
Limited Service	Count	45	35	70	32	28	26	36	21	45	35
	High	329	199	176	163	4,329	1,595	20	13	141	93
	Mean	122	75	83	61	1,279	561	7	4	58	37
	Q3	142	92	101	74	1,414	729	8	6	71	44
	Median	106	59	79	56	1,126	553	6	3	54	32
	Q1	64	40	59	39	679	322	4	3	35	21
	Low	37	18	37	29	395	89	2	2	16	11
Airport	Count	10	8	29	9	11	9	21	6	10	8
	High	249	102	194	186	3,261	1,852	14	17	188	45
	Mean	153	53	101	56	1,346	678	6	6	89	27
	Q3	188	64	119	50	2,131	835	8	5	107	31
	Median	132	43	95	43	1,015	642	6	4	84	22
	Q1	113	31	84	32	399	216	4	3	62	22
	Low	98	27	48	29	248	89	2	2	24	13
Small Metro/Town	Count			14				8			
	High			152				21			
	Mean			93				10			
	Q3			117				13			
	Median			88				9			
	Q1			71				6			
	Low			47				4			
Suburban	Count	15	12	55	11	14	12	40	12	15	12
	High	250	354	187	153	2,862	2,283	23	13	131	154
	Mean	141	120	92	69	1,141	899	7	5	67	53
	Q3	195	141	112	71	1,200	1,102	8	6	86	66
	Median	143	120	85	66	1,137	714	7	4	65	51
	Q1	82	49	67	55	720	499	4	3	51	25
	Low	51	34	40	35	585	178	2	2	16	13
Convention	Count	87	84	265	84	58	55	169	55	87	84
	High	454	433	207	177	2,873	2,735	22	15	168	181
	Mean	198	176	94	81	1,460	1,402	8	6	77	70
	Q3	228	221	115	95	1,768	1,580	10	7	91	81
	Median	192	153	90	71	1,338	1,298	7	6	75	63
	Q1	132	123	68	61	1,023	1,157	5	4	59	51
	Low	64	66	37	32	730	504	2	2	20	14
Extended Stay	Count	43	36	70	36	41	36	58	30	43	36
	High	502	391	201	187	3,395	2,174	20	13	188	120
	Mean	154	111	98	67	1,165	701	7	5	75	48
	Q3	185	144	122	86	1,422	733	9	6	90	62
	Median	138	87	93	58	1,099	613	7	3	67	40
	Q1	100	47	68	36	645	397	4	3	54	27
	Low	45	24	40	28	248	89	2	2	18	14
Resort - Year Round	Count	97	78	317	81	62	55	211	53	97	78
	High	600	454	213	221	8,353	6,319	23	22	185	216
	Mean	193	186	98	99	1,894	2,046	9	9	74	76
	Q3	252	246	120	125	2,275	2,987	12	11	95	101
	Median	178	189	90	93	1,572	1,617	8	7	70	75
	Q1	105	104	68	68	919	875	6	5	46	44
	Low	28	35	36	30	171	465	2	2	0	0
Non-Resort	Count	167	156	476	160	109	106	314	106	167	156
	High	542	520	217	203	4,905	3,600	23	17	212	235
	Mean	190	154	99	81	1,668	1,370	8	7	78	65
	Q3	236	188	120	94	2,051	1,714	10	9	96	74
	Median	167	139	95	72	1,470	1,270	8	6	74	57
	Q1	126	94	74	55	1,112	939	6	4	56	43
	Low	39	18	37	31	549	189	2	2	19	11

CHINA

China		All		Full Service		Limited Service		Airport		Small Metro/ Town		Suburban		Convention		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	1,314	86%	1,220	86%	94	76%	35	89%	15	80%	63	94%	308	88%	85	87%	392	86%	529	84%
2	Reuse Program Opt Out	983	0%	913	0%	70	0%	28	0%	11	0%	53	0%	236	0%	77	0%	291	0%	379	0%
3	≥75% LED Lighting	1,334	83%	1,240	85%	94	56%	37	65%	14	86%	63	73%	317	85%	88	51%	393	85%	536	86%
4	Variable Frequency Drives	1,333	0%	1,239	0%	94	3%	36	6%	12	0%	61	3%	314	0%	88	5%	389	0%	542	0%
5	- Main Air Handling Units	1,115	84%	1,055	85%	60	63%	33	82%	10	80%	56	77%	260	87%	85	69%	327	85%	443	84%
6	- Kitchen Hoods	1,094	51%	1,037	52%	57	33%	31	45%	10	80%	55	47%	256	47%	85	49%	319	54%	434	52%
7	- Elevators	1,114	85%	1,055	85%	59	76%	33	73%	10	90%	56	80%	259	88%	84	68%	327	84%	444	87%
8	- Water Pumps	1,122	87%	1,062	87%	60	77%	33	76%	10	90%	56	88%	262	87%	85	72%	330	91%	445	86%
9	- Refrigeration Units	1,117	78%	1,057	78%	60	68%	33	82%	10	60%	56	64%	260	81%	85	61%	327	81%	445	76%
10	- Other	1,018	41%	961	41%	57	33%	30	30%	10	20%	52	29%	243	40%	82	30%	292	45%	401	41%
11	Renewable Energy Generation	1,346	12%	1,251	13%	95	6%	36	11%	15	13%	62	18%	317	11%	88	10%	398	17%	543	10%
12	- Solar Thermal	206	43%	180	47%	26	15%	11	18%			17	41%	36	42%	47	11%	67	63%	56	48%
13	- Solar PV	206	13%	180	13%	26	12%	11	18%			17	12%	36	17%	47	9%	67	10%	56	16%
14	- Wind Power	206	2%	180	3%	26	0%	11	0%			17	0%	36	0%	47	0%	67	3%	56	5%
15	- Geothermal	206	2%	180	2%	26	4%	11	0%			17	0%	36	0%	47	0%	67	3%	56	5%
16	- Hydroelectric	206	0%	180	0%	26	0%	11	0%			17	0%	36	0%	47	0%	67	0%	56	0%
17	- Cogeneration	206	1%	180	1%	26	0%	11	0%			17	0%	36	0%	47	0%	67	0%	56	4%
18	- Heat Pump	206	46%	180	52%	26	8%	11	18%			17	47%	36	47%	47	11%	67	63%	56	55%
19	- Other Renewable Energy	206	15%	180	17%	26	4%	11	0%			17	12%	36	28%	47	2%	67	15%	56	18%
20	Carbon Offset or REC Purchase	1,346	4%	1,251	4%	95	3%	36	3%	15	0%	62	5%	317	3%	87	7%	399	5%	543	3%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	1,328	0%	1,234	0%	94	0%	36	3%	15	0%	61	0%	312	0%	87	1%	394	0%	535	0%
22	≥75% Guestrooms Have Digital Thermostats	1,339	78%	1,245	79%	94	56%	34	82%	15	53%	61	74%	314	78%	87	77%	397	78%	541	77%
23	≥75% Guestrooms Have Occupancy Sensor	1,329	52%	1,235	54%	94	24%	34	59%	15	33%	62	47%	315	51%	85	33%	394	58%	535	52%
24	≥75% Bathroom Occupancy Sensors	1,331	29%	1,239	29%	92	20%	34	18%	15	33%	62	27%	313	26%	86	27%	392	30%	540	30%
25	≥75% Meeting Room Digital Thermostats	1,343	70%	1,249	72%	94	50%	34	74%	15	53%	62	65%	316	67%	87	71%	398	72%	542	72%
26	≥75% Meeting Room Occupancy Sensor	1,333	38%	1,242	39%	91	30%	34	26%	15	27%	60	33%	313	36%	85	35%	397	40%	538	38%
27	High Efficiency Boilers	1,335	75%	1,243	76%	92	61%	34	79%	15	67%	62	74%	316	76%	87	67%	396	72%	536	77%
28	High Efficiency Chillers	1,325	0%	1,234	0%	91	1%	34	0%	15	0%	62	2%	313	0%	86	1%	392	0%	534	0%
29	Energy Sub-metering	1,345	0%	1,251	0%	94	0%	34	0%	15	0%	62	0%	317	0%	87	0%	400	0%	541	0%
30	- Fitness Facility	1,060	75%	993	77%	67	51%	26	65%	11	64%	50	64%	241	77%	81	63%	319	75%	419	76%
31	- F&B Facilities	1,059	94%	993	95%	66	76%	24	79%	11	91%	50	90%	241	94%	79	71%	320	97%	419	97%
32	- Guestrooms	1,059	89%	993	90%	66	76%	24	83%	11	100%	50	86%	241	86%	79	78%	320	92%	419	90%
33	- Public Spaces	1,060	81%	993	82%	67	66%	26	69%	11	100%	50	84%	241	77%	81	70%	319	90%	419	79%
34	- Other	1,060	75%	993	76%	67	66%	26	50%	11	82%	50	70%	241	79%	81	58%	319	79%	419	73%
35	Energy Tracking	1,352	100%	1,256	100%	96	98%	35	94%	15	100%	62	98%	316	100%	89	98%	402	100%	545	100%
36	Benchmark Energy Performance	1,344	69%	1,249	70%	95	57%	36	72%	15	47%	61	70%	316	73%	87	55%	398	68%	543	70%
37	Energy Audit	1,334	16%	1,241	16%	93	10%	36	11%	15	0%	62	19%	315	15%	87	14%	395	21%	537	13%
38	Recover Waste Heat For Reuse	1,338	37%	1,247	39%	91	16%	36	22%	15	33%	62	40%	316	39%	88	25%	396	41%	538	35%
39	- Kitchen	603	14%	566	14%	37	11%	17	0%	7	29%	32	13%	137	21%	61	2%	184	11%	221	15%
40	- Laundry	607	59%	570	62%	37	19%	17	24%	7	43%	33	48%	139	67%	61	18%	184	66%	223	60%
41	- Guestrooms	604	18%	567	18%	37	14%	17	6%	7	43%	32	22%	137	20%	61	10%	184	17%	222	18%
42	- Generator	604	9%	567	9%	37	8%	17	6%	7	29%	32	9%	137	12%	61	0%	184	10%	222	8%
43	- Exhaust Air	605	20%	568	20%	37	11%	17	6%	7	0%	32	9%	137	20%	61	5%	184	24%	223	19%
44	- Gray Water	604	16%	567	17%	37	5%	17	12%	7	14%	32	13%	137	14%	61	2%	184	22%	222	17%
45	- Others	606	24%	569	24%	37	19%	17	12%	7	43%	33	27%	138	26%	61	11%	183	27%	224	24%

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China		All		Full Service		Limited Service		Airport		Small Metro/Town		Suburban		Convention		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	1,326	46%	1,234	47%	92	27%	33	36%	15	67%	58	59%	314	47%	87	45%	389	57%	536	38%
47	Recycling Bins in Common Areas	1,305	75%	1,213	77%	92	58%	33	82%	15	67%	61	77%	299	75%	86	80%	393	79%	527	72%
48	Recycling Bins in Guestrooms	1,285	74%	1,194	75%	91	54%	33	64%	14	79%	61	77%	297	76%	86	77%	384	75%	518	71%
49	Bulk Shampoo Dispenser	1,288	63%	1,197	63%	91	63%	33	55%	15	67%	61	75%	294	66%	86	47%	386	64%	522	63%
50	Waste & Recyclables Tracking	1,252	58%	1,162	59%	90	34%	33	76%	15	33%	60	70%	287	58%	86	59%	376	59%	503	56%
51	Donate Leftover Bathroom Amenities	1,250	30%	1,161	30%	89	24%	32	34%	15	27%	58	41%	284	28%	84	33%	379	35%	503	26%
52	Food Waste Disposal	1,224	38%	1,136	40%	88	24%	31	32%	15	60%	61	44%	276	40%	84	32%	371	42%	493	36%
53	- Landfill/Incinerator	493	9%	456	8%	37	11%	17	0%	9	0%	31	19%	110	10%	58	3%	154	12%	171	6%
54	- On-site Waste Digester Machine	493	11%	456	11%	37	5%	17	6%	9	0%	31	19%	110	10%	58	10%	154	12%	171	11%
55	- On-site compost	493	4%	456	4%	37	0%	17	0%	9	0%	31	3%	110	5%	58	0%	154	6%	171	2%
56	- Off-site Compost/Organic Waste Treatment Facility	493	24%	456	25%	37	11%	17	6%	9	11%	31	23%	110	24%	58	12%	154	24%	171	29%
57	- Off-site Animal Feed	493	14%	456	14%	37	8%	17	6%	9	0%	31	19%	110	15%	58	3%	154	23%	171	9%
58	- Others	496	63%	459	64%	37	46%	17	47%	9	78%	31	48%	110	66%	58	26%	155	64%	173	71%
59	Waste Audit	1,243	7%	1,156	8%	87	6%	32	9%	15	0%	60	7%	285	6%	83	5%	375	9%	500	8%
60	Measure Food Waste Generated	1,230	47%	1,142	49%	88	20%	31	39%	15	20%	61	51%	282	46%	84	32%	365	53%	499	46%
61	Donate Excess Food	1,015	25%	950	27%	65	5%	29	17%	12	17%	49	27%	222	26%	71	17%	297	27%	425	25%
62	Excess Food Not Donated	706	0%	650	0%	56	0%	20	0%	10	0%	35	0%	146	0%	60	0%	205	0%	295	0%
63	Food Waste Prevention Strategies	1,213	81%	1,124	84%	89	53%	31	71%	15	80%	60	90%	278	85%	83	59%	365	83%	487	82%
64	- Training	1,015	88%	955	90%	60	63%	28	79%	11	82%	55	87%	242	91%	72	54%	306	90%	395	91%
65	- Adjust Portion Size	1,010	75%	948	77%	62	55%	30	63%	10	60%	52	65%	240	77%	74	50%	303	77%	393	78%
66	- Redesign Menu	1,016	85%	954	86%	62	66%	30	70%	10	90%	53	87%	240	87%	74	55%	305	85%	397	89%
67	- Change Size of Serving Vessels	1,013	76%	951	77%	62	63%	30	73%	10	80%	53	68%	240	80%	74	49%	307	76%	392	79%
68	- Others	999	56%	938	57%	61	44%	30	50%	10	80%	54	41%	240	53%	73	40%	299	60%	387	57%
69	Water Filtration/Hydration Station	1,287	67%	1,196	69%	91	41%	32	53%	15	53%	62	55%	303	65%	85	56%	380	69%	519	67%
70	- Guestrooms	878	59%	827	59%	51	47%	22	32%	8	88%	39	51%	198	59%	72	25%	262	69%	346	58%
71	- Meeting Facilities	880	66%	828	68%	52	33%	24	46%	8	100%	39	59%	198	69%	74	35%	262	74%	346	64%
72	- F&B Facilities	882	93%	830	95%	52	54%	24	71%	8	100%	39	79%	198	96%	74	43%	262	98%	348	97%
73	- Fitness Facilities	881	54%	829	56%	52	23%	24	33%	8	63%	39	44%	198	57%	74	22%	262	65%	347	52%
74	Plan to Eliminate Single-use Plastics	1,225	83%	1,137	84%	88	65%	31	81%	15	67%	60	87%	286	81%	82	78%	368	86%	489	82%
75	- Guestrooms	1,015	90%	955	91%	60	80%	28	89%	11	82%	55	95%	242	91%	72	82%	306	90%	395	91%
76	- F&B Facilities	1,010	76%	948	77%	62	63%	30	63%	10	60%	52	63%	240	77%	74	61%	303	77%	393	78%
77	- Other Guest-facing Facilities	1,016	86%	954	87%	62	74%	30	77%	10	90%	53	89%	240	87%	74	70%	305	85%	397	89%
78	- Back of House	1,013	77%	951	77%	62	66%	30	83%	10	80%	53	70%	240	80%	74	61%	307	76%	392	79%
79	Eliminate Single-use Plastics	1,249	69%	1,160	71%	89	42%	33	61%	15	60%	60	53%	287	70%	84	37%	377	72%	501	70%
80	≥75% Automatic Sensors Touchless Faucets	1,332	17%	1,240	18%	92	8%	36	14%	15	13%	61	15%	314	19%	88	22%	392	16%	538	16%
81	≥75% Low-flow Toilets	1,330	74%	1,238	75%	92	64%	36	75%	15	53%	61	74%	313	76%	88	76%	392	74%	537	73%
82	≥75% Faucets with Low-flow Aerators	1,315	53%	1,226	54%	89	30%	36	58%	13	31%	59	47%	308	49%	89	55%	387	56%	531	53%
83	≥75% Low-flow Shower-head	1,321	65%	1,230	66%	91	48%	36	69%	15	47%	61	66%	309	64%	88	64%	391	66%	533	65%
84	Water Tracking	1,335	99%	1,245	99%	90	98%	36	92%	13	92%	61	100%	314	99%	88	98%	393	99%	540	100%
85	Reuse Gray-Water	1,326	18%	1,235	19%	91	12%	35	11%	13	31%	61	16%	313	18%	88	10%	391	25%	534	16%
86	Water Submetering	1,320	77%	1,229	79%	91	58%	35	74%	14	71%	61	82%	312	74%	88	74%	389	78%	531	79%
87	- Guestrooms	975	81%	914	83%	61	54%	27	70%	8	100%	49	65%	221	84%	78	44%	288	88%	388	83%
88	- F&B Facilities	991	91%	930	92%	61	62%	26	73%	8	100%	51	82%	224	94%	79	44%	293	94%	395	95%
89	- Fitness Facilities	964	69%	906	72%	58	22%	26	42%	8	75%	48	50%	224	73%	75	33%	281	69%	384	72%
90	- Swimming Pool	976	79%	920	82%	56	25%	26	50%	8	75%	49	69%	222	79%	78	42%	289	87%	387	81%
91	- Landscaping	965	70%	908	72%	57	35%	25	56%	8	88%	50	54%	224	71%	75	36%	286	78%	380	68%
92	- Others	919	65%	861	66%	58	48%	25	52%	8	100%	45	47%	211	74%	74	28%	265	68%	369	64%

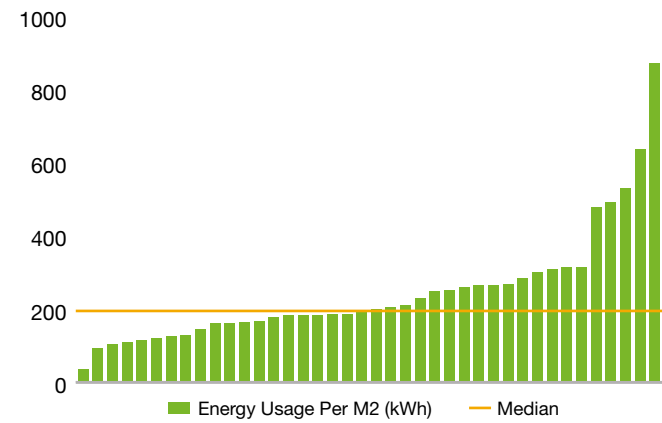
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China		All		Full Service		Limited Service		Airport		Small Metro/Town		Suburban		Convention		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	1,294	62%	1,203	65%	91	35%	34	71%	13	77%	56	68%	300	64%	86	43%	383	77%	525	54%
94	Smart Irrigation System	1,235	9%	1,151	10%	84	4%	31	6%	14	7%	55	11%	297	8%	82	5%	367	16%	489	6%
95	Preventive Maintenance Plan	1,335	98%	1,242	98%	93	91%	33	97%	15	80%	62	100%	316	98%	87	98%	394	97%	538	98%
96	Sustainability Policy	1,268	62%	1,182	63%	86	45%	31	52%	15	67%	60	58%	300	60%	83	59%	383	66%	502	60%
97	Sustainability Efforts on Website	1,237	41%	1,152	42%	85	20%	31	35%	15	33%	58	47%	292	38%	80	38%	374	46%	491	40%
98	Sustainability Champion	1,255	62%	1,169	63%	86	52%	31	77%	15	40%	60	60%	296	56%	82	63%	382	65%	495	64%
99	Sustainability Team	1,246	0%	1,162	0%	84	0%	31	0%	15	0%	59	0%	295	0%	82	0%	377	0%	492	0%
100	Sustainability Team Budget	1,237	58%	1,151	59%	86	43%	31	48%	14	57%	60	63%	290	54%	81	48%	372	65%	494	57%
101	Staff Training on Sustainability	1,262	82%	1,177	84%	85	66%	32	78%	15	80%	61	82%	295	82%	83	77%	381	84%	503	82%
102	Employee Volunteering Opportunities During Work Hours	1,251	67%	1,165	67%	86	63%	31	55%	15	73%	60	75%	295	65%	83	67%	374	71%	499	64%
103	Staff Recognition	1,248	66%	1,162	67%	86	58%	31	55%	15	87%	61	70%	294	67%	83	60%	374	69%	497	64%
104	Staff Feedback Process	1,240	78%	1,154	79%	86	58%	30	70%	15	80%	60	77%	292	74%	80	78%	372	82%	496	78%
105	Green Certified Cleaning Products	1,234	91%	1,147	92%	87	79%	31	84%	15	93%	60	93%	285	90%	83	87%	375	93%	491	91%
106	Sustainability Initiatives Communication in Guestrooms	1,245	82%	1,159	83%	86	70%	31	77%	15	80%	59	81%	287	80%	83	77%	379	84%	496	83%
107	Involve Guests to Support Sustainability Initiatives	1,235	68%	1,149	70%	86	45%	29	55%	15	60%	59	75%	286	62%	83	72%	372	73%	494	67%
108	Reward Program for Sustainable Guests	1,222	30%	1,136	31%	86	23%	30	23%	15	33%	58	28%	283	28%	82	26%	366	34%	491	29%
109	≥75% Guest Asking About Carbon Offsetting	1,097	10%	1,019	10%	78	3%	27	4%	14	0%	58	9%	264	12%	77	4%	335	13%	421	8%
110	≥75% Guests Asking About Sustainability Initiatives	1,068	9%	993	9%	75	3%	27	7%	13	0%	57	7%	253	9%	74	3%	328	12%	413	7%
111	3rd-party Certification	1,262	0%	1,175	0%	87	0%	32	0%	15	0%	58	0%	296	0%	83	0%	380	0%	503	0%
112	Carbon Footprint Measured	1,252	44%	1,166	45%	86	26%	31	29%	14	21%	58	52%	291	41%	83	37%	371	43%	507	47%
113	Local Procurement Policy	1,249	90%	1,162	91%	87	76%	32	91%	15	87%	60	90%	292	92%	84	83%	375	93%	498	87%
114	Sustainability-specific Procurement Requirements	1,076	62%	1,000	64%	76	41%	28	54%	12	58%	56	68%	257	62%	77	56%	323	66%	419	60%
115	- Contractors	697	82%	653	84%	44	50%	22	55%	7	71%	42	88%	162	83%	68	56%	214	88%	253	83%
116	- Service Providers	695	81%	652	84%	43	49%	20	60%	7	71%	42	86%	162	83%	66	53%	214	86%	253	84%
117	- Suppliers	695	85%	652	87%	43	60%	20	70%	7	86%	42	88%	162	89%	66	59%	214	86%	253	89%
118	- Others	695	56%	651	57%	44	45%	22	41%	7	71%	42	50%	162	64%	68	38%	213	56%	252	56%
119	Green Roof	1,278	0%	1,189	0%	89	0%	34	0%	15	0%	61	0%	303	0%	85	0%	379	0%	511	0%
120	Beekeeping	1,252	0%	1,166	0%	86	0%	33	0%	14	0%	58	0%	295	0%	85	0%	370	0%	502	0%
121	Low or Zero VOC Paints	1,293	91%	1,207	92%	86	80%	34	79%	15	93%	61	97%	309	89%	83	92%	384	94%	517	91%
122	HVAC Filters Routinely Checked	1,280	0%	1,194	0%	86	2%	33	0%	15	0%	60	3%	305	0%	85	2%	374	0%	516	0%
123	Building Re-commissioning	1,334	50%	1,240	50%	94	39%	36	36%	15	47%	62	42%	312	49%	86	45%	399	51%	537	50%
124	Air Purification System	1,249	83%	1,163	84%	86	66%	32	75%	14	86%	57	88%	297	81%	84	81%	363	84%	505	83%
125	Vegan & Vegetarian Menu Options	1,206	67%	1,121	69%	85	45%	31	58%	14	64%	58	57%	282	67%	82	54%	359	73%	483	66%
126	Sustainable Seafood Purchasing Policy	1,184	71%	1,100	74%	84	33%	30	63%	14	64%	58	62%	279	73%	81	53%	351	73%	473	72%
127	≥75% Seafood Purchased Sustainably Certified	1,150	48%	1,068	50%	82	18%	28	36%	14	43%	58	41%	267	52%	79	29%	345	49%	459	48%
128	≥75% F&B Purchases Are Fair Trade Items	1,162	58%	1,080	61%	82	22%	29	45%	14	50%	57	54%	269	57%	77	31%	349	62%	467	61%
129	Evaluate Suppliers in Human Rights Areas	1,189	0%	1,106	0%	83	0%	30	0%	14	0%	56	0%								

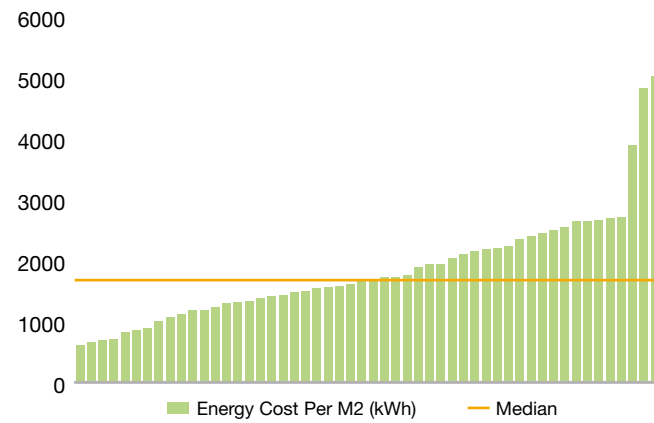


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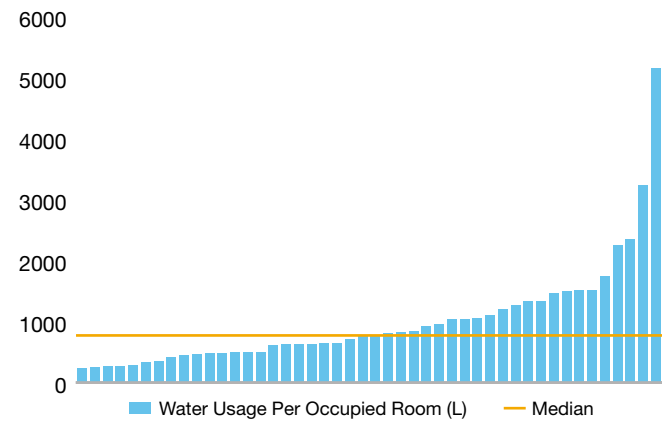
Energy Usage Per Square Metre (kWh)



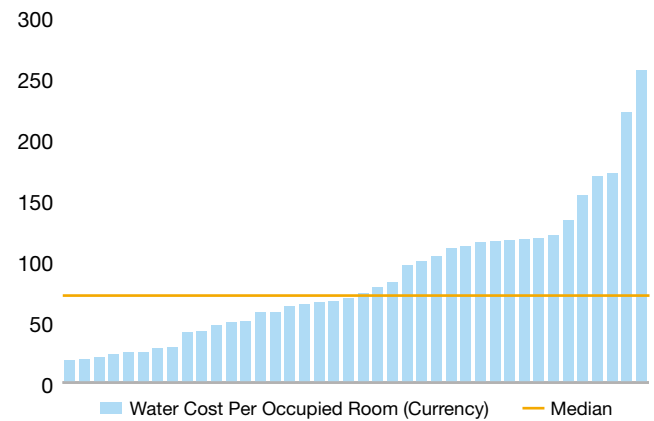
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



India	Energy (KWh)				Water (L)				GHG (KgCO2e)		
	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	
All	Count	40	46	52	65	44	46	41	40	40	46
	High	872	488	5,034	4,491	8,757	5,164	876	257	391	222
	Mean	247	138	1,847	1,217	2,011	1,011	181	86	132	80
	Q3	274	162	2,264	1,534	2,481	1,255	223	117	149	100
	Median	195	110	1,679	865	1,666	774	132	71	121	62
	Q1	161	74	1,280	631	884	493	49	46	99	41
	Low	35	41	606	422	202	237	6	18	20	24
Full Service	Count	31	35	39	46	30	32	29	27	31	35
	High	872	488	5,034	4,491	4,401	5,164	602	257	391	222
	Mean	255	154	1,905	1,351	1,762	1,241	151	94	134	88
	Q3	290	186	2,292	1,706	2,169	1,479	207	120	147	113
	Median	191	120	1,694	1,050	1,650	1,048	125	83	122	68
	Q1	153	86	1,348	712	915	637	49	53	82	53
	Low	35	51	606	502	202	237	6	18	20	24
Limited Service	Count	9	11	13	19	14	14	12	13	9	11
	High	301	170	2,693	2,277	8,757	928	876	117	161	103
	Mean	218	86	1,671	892	2,546	484	255	69	124	55
	Q3	265	106	2,198	1,218	2,786	610	285	110	148	72
	Median	211	73	1,553	743	1,718	461	168	63	118	47
	Q1	177	60	1,176	519	897	347	83	42	103	35
	Low	128	41	659	422	242	256	9	25	93	26
Airport	Count	7	7	10	10		5	5	5	7	7
	High	315	108	2,713	1,651		2,261	345	222	205	63
	Mean	254	77	1,959	902		792	240	92	141	46
	Q3	300	91	2,384	1,174		833	336	115	159	55
	Median	265	69	2,091	746		361	316	73	129	40
	Q1	209	61	1,753	589		271	128	25	116	39
	Low	184	58	822	522		237	73	24	104	35
Suburban	Count				5		5				
	High				1,422		1,336				
	Mean				1,102		653				
	Q3				1,288		708				
	Median				1,148		482				
	Q1				1,129		451				
Extended Stay	Count	6	6	7	9	6	5	6	7	6	6
	High	638	169	2,198	2,277	2,840	1,507	170	172	153	122
	Mean	255	129	1,392	1,409	1,270	717	94	84	107	80
	Q3	255	138	1,609	1,829	1,392	708	152	117	135	99
	Median	198	124	1,552	1,422	1,109	630	92	110	128	78
	Q1	136	121	1,084	1,148	847	451	36	25	74	63
Resort – Year Round	Count	9	12	8	13	9	9	6	6	9	12
	High	872	334	2,645	2,492	4,401	5,164	345	119	391	210
	Mean	238	154	1,719	1,267	2,103	1,724	157	59	124	89
	Q3	249	205	1,982	1,698	2,445	1,743	168	70	137	122
	Median	184	140	1,685	1,180	1,833	1,113	127	53	109	73
	Q1	126	76	1,345	845	988	781	115	34	64	48
Non-Resort	Count	25	28	35	41	27	30	28	26	25	28
	High	531	488	5,034	4,491	8,757	2,361	876	257	357	222
	Mean	248	133	1,981	1,164	2,094	793	200	88	141	76
	Q3	301	157	2,471	1,221	2,510	1,027	243	114	156	85
	Median	204	105	1,720	775	1,696	646	145	74	122	58
	Q1	167	62	1,301	540	958	476	64	52	103	39
Low	104	41	659	422	202	237	6	18	66	26	

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India		All		Full Service		Limited Service		Airport		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	75	89%	53	89%	22	91%	11	82%	5	100%	10	90%	14	93%	48	88%
2	Reuse Program Opt Out	63	0%	43	0%	20	0%	9	0%	5	0%	8	0%	12	0%	40	0%
3	≥75% LED Lighting	76	83%	54	81%	22	86%	11	82%	5	60%	11	73%	14	71%	48	88%
4	Variable Frequency Drives	77	78%	55	76%	22	82%	12	83%	5	100%	11	64%	14	79%	49	82%
5	- Main Air Handling Units	59	69%	43	74%	16	56%	10	30%	5	20%	8	50%	11	64%	38	74%
6	- Kitchen Hoods	59	42%	43	47%	16	31%	10	20%	5	0%	8	25%	11	73%	38	39%
7	- Elevators	60	88%	43	88%	17	88%	10	90%	5	100%	8	88%	11	82%	39	90%
8	- Water Pumps	60	88%	43	91%	17	82%	10	90%	5	60%	8	75%	11	100%	39	90%
9	- Refrigeration Units	60	50%	43	47%	17	59%	10	50%	5	20%	8	50%	11	36%	39	56%
10	- Other	59	49%	42	52%	17	41%	10	20%	5	40%	8	50%	10	20%	39	56%
11	Renewable Energy Generation	78	14%	55	15%	23	13%	11	9%	5	0%	11	27%	14	21%	50	10%
12	- Solar Thermal	16	25%	10	30%	6	17%					8	13%			5	20%
13	- Solar PV	16	44%	10	50%	6	33%					8	25%			5	60%
14	- Wind Power	16	13%	10	20%	6	0%					8	13%			5	20%
15	- Geothermal	16	6%	10	10%	6	0%					8	0%			5	0%
16	- Hydroelectric	16	6%	10	10%	6	0%					8	0%			5	0%
17	- Cogeneration	16	13%	10	20%	6	0%					8	0%			5	20%
18	- Heat Pump	16	13%	10	10%	6	17%					8	0%			5	20%
19	- Other Renewable Energy	16	6%	10	10%	6	0%					8	0%			5	0%
20	Carbon Offset or REC Purchase	77	12%	54	11%	23	13%	11	18%	5	0%	11	18%	14	21%	49	6%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	74	30%	52	37%	22	14%	10	30%	5	20%	10	70%	14	21%	47	23%
22	≥75% Guestrooms Have Digital Thermostats	76	91%	54	93%	22	86%	11	100%	5	20%	10	50%	14	86%	49	100%
23	≥75% Guestrooms Have Occupancy Sensor	76	54%	54	57%	22	45%	11	45%	5	20%	10	20%	14	57%	49	59%
24	≥75% Bathroom Occupancy Sensors	75	25%	54	30%	21	14%	11	9%	5	0%	10	30%	14	36%	48	23%
25	≥75% Meeting Room Digital Thermostats	76	63%	54	56%	22	82%	11	64%	5	20%	10	40%	14	64%	49	67%
26	≥75% Meeting Room Occupancy Sensor	74	26%	52	25%	22	27%	10	10%	5	0%	10	20%	13	38%	48	25%
27	High Efficiency Boilers	74	57%	54	54%	20	65%	11	55%	5	40%	10	60%	14	43%	47	62%
28	High Efficiency Chillers	73	75%	53	74%	20	80%	10	70%	5	100%	10	60%	14	86%	46	74%
29	Energy Sub-metering	75	71%	54	72%	21	67%	11	55%	5	40%	9	56%	14	71%	49	76%
30	- Fitness Facility	56	73%	41	80%	15	53%	6	83%			8	38%	10	90%	37	76%
31	- F&B Facilities	56	86%	41	85%	15	87%	6	100%			8	63%	10	100%	37	86%
32	- Guestrooms	56	86%	41	85%	15	87%	6	100%			8	50%	10	90%	37	92%
33	- Public Spaces	56	86%	41	88%	15	80%	6	100%			8	63%	10	80%	37	92%
34	- Other	56	75%	41	73%	15	80%	6	100%			8	38%	10	50%	37	89%
35	Energy Tracking	75	97%	52	98%	23	96%	11	100%			11	91%	12	100%	49	98%
36	Benchmark Energy Performance	76	79%	53	77%	23	83%	10	90%	5	60%	11	82%	14	79%	48	79%
37	Energy Audit	72	47%	51	49%	21	43%	10	50%	5	0%	10	40%	12	25%	47	53%
38	Recover Waste Heat For Reuse	74	27%	54	31%	20	15%	11	55%	5	0%	10	20%	14	36%	47	26%
39	- Kitchen	26	38%	19	37%	7	43%	6	67%			7	14%	5	60%	13	38%
40	- Laundry	26	54%	19	68%	7	14%	6	100%			7	29%	5	60%	13	62%
41	- Guestrooms	26	31%	19	37%	7	14%	6	50%			7	29%	5	40%	13	31%
42	- Generator	26	27%	19	26%	7	29%	6	50%			7	14%	5	60%	13	23%
43	- Exhaust Air	26	23%	19	21%	7	29%	6	50%			7	14%	5	40%	13	23%
44	- Gray Water	26	42%	19	42%	7	43%	6	67%			7	29%	5	40%	13	46%
45	- Others	26	23%	19	26%	7	14%	6	50%			7	29%	5	20%	13	23%

INDIA

India		All		Full Service		Limited Service		Airport		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	78	10%	55	9%	23	13%	11	9%	5	20%	11	9%	14	36%	50	4%
47	Recycling Bins in Common Areas	71	86%	52	88%	19	79%	11	91%	5	40%	10	70%	13	100%	45	87%
48	Recycling Bins in Guestrooms	69	75%	50	78%	19	68%	11	82%	5	40%	10	50%	11	100%	45	76%
49	Bulk Shampoo Dispenser	71	39%	52	35%	19	53%	11	27%	5	20%	10	50%	13	46%	45	36%
50	Waste & Recyclables Tracking	71	82%	52	87%	19	68%	11	82%	5	80%	10	80%	13	100%	45	78%
51	Donate Leftover Bathroom Amenities	70	39%	52	38%	18	39%	11	55%	5	40%	10	40%	13	38%	44	39%
52	Food Waste Disposal	69	70%	50	72%	19	63%	11	64%	5	80%	10	80%	12	75%	44	66%
53	- Landfill/Incinerator	50	32%	37	35%	13	23%	7	86%	5	0%	10	30%	9	22%	29	38%
54	- On-site Waste Digester Machine	50	42%	37	43%	13	38%	7	43%	5	20%	10	40%	9	56%	29	38%
55	- On-site compost	50	64%	37	68%	13	54%	7	86%	5	20%	10	40%	9	78%	29	66%
56	- Off-site Compost/Organic Waste Treatment Facility	50	56%	37	57%	13	54%	7	71%	5	40%	10	60%	9	56%	29	59%
57	- Off-site Animal Feed	50	28%	37	27%	13	31%	7	57%	5	20%	10	40%	9	22%	29	28%
58	- Others	50	28%	37	27%	13	31%	7	71%	5	0%	10	30%	9	22%	29	31%
59	Waste Audit	69	35%	51	37%	18	28%	11	27%	5	20%	10	30%	13	31%	43	37%
60	Measure Food Waste Generated	69	81%	50	82%	19	79%	11	82%	5	40%	10	70%	12	92%	44	82%
61	Donate Excess Food	63	29%	47	30%	16	25%	11	27%	5	20%	9	44%	11	18%	40	30%
62	Excess Food Not Donated	43	5%	32	0%	11	18%	9	0%			6	33%	7	0%	27	0%
63	Food Waste Prevention Strategies	62	40%	47	49%	15	13%	11	45%	5	20%	8	25%	11	55%	40	43%
64	- Training	39	67%	33	73%	6	33%	5	100%	5	40%	8	25%	8	63%	22	82%
65	- Adjust Portion Size	39	69%	33	76%	6	33%	5	100%	5	40%	8	25%	8	88%	22	77%
66	- Redesign Menu	39	64%	33	70%	6	33%	5	100%	5	40%	8	25%	8	75%	22	73%
67	- Change Size of Serving Vessels	39	64%	33	70%	6	33%	5	100%	5	20%	8	25%	8	63%	22	77%
68	- Others	39	46%	33	48%	6	33%	5	80%	5	40%	8	25%	8	38%	22	55%
69	Water Filtration/Hydration Station	65	60%	49	65%	16	44%	11	64%	5	60%	9	56%	11	73%	42	60%
70	- Guestrooms	43	77%	33	79%	10	70%	7	57%	5	60%	9	44%	8	75%	25	88%
71	- Meeting Facilities	43	77%	33	79%	10	70%	7	86%	5	60%	9	44%	8	88%	25	84%
72	- F&B Facilities	43	86%	33	91%	10	70%	7	86%	5	60%	9	56%	8	100%	25	92%
73	- Fitness Facilities	43	77%	33	79%	10	70%	7	86%	5	60%	9	56%	8	88%	25	80%
74	Plan to Eliminate Single-use Plastics	65	69%	49	76%	16	50%	11	73%	5	60%	9	56%	11	91%	42	67%
75	- Guestrooms	39	69%	33	76%	6	33%	5	100%	5	60%	8	38%	8	63%	22	82%
76	- F&B Facilities	39	72%	33	79%	6	33%	5	100%	5	60%	8	38%	8	88%	22	77%
77	- Other Guest-facing Facilities	39	67%	33	73%	6	33%	5	100%	5	60%	8	38%	8	75%	22	73%
78	- Back of House	39	67%	33	73%	6	33%	5	100%	5	40%	8	38%	8	63%	22	77%
79	Eliminate Single-use Plastics	67	54%	50	42%	17	88%	11	73%	5	40%	9	44%	12	50%	43	58%
80	≥75% Automatic Sensors Touchless Faucets	69	23%	51	24%	18	22%	10	20%	5	0%	9	11%	13	15%	44	27%
81	≥75% Low-flow Toilets	66	76%	48	81%	18	61%	10	90%	5	20%	9	44%	13	77%	41	85%
82	≥75% Faucets with Low-flow Aerators	67	75%	49	84%	18	50%	10	90%	5	40%	9	22%	13	77%	42	86%
83	≥75% Low-flow Shower-head	66	64%	48	71%	18	44%	10	90%	5	40%	9	22%	13	62%	41	71%
84	Water Tracking	67	96%	49	98%	18	89%	10	100%	5	80%	9	78%	13	100%	42	98%
85	Reuse Gray-Water	67	82%	49	88%	18	67%	10	100%	5	40%	9	56%	13	85%	42	88%
86	Water Submetering	66	50%	48	58%	18	28%	10	40%	5	40%	9	44%	13	62%	41	51%
87	- Guestrooms	40	63%	31	61%	9	67%	5	80%			8	50%	8	88%	24	58%
88	- F&B Facilities	40	55%	31	52%	9	67%	5	80%			8	63%	8	75%	24	46%
89	- Fitness Facilities	40	40%	31	35%	9	56%	5	80%			8	50%	8	63%	24	29%
90	- Swimming Pool	40	65%	31	65%	9	67%	5	80%			8	50%	8	88%	24	63%
91	- Landscaping	40	73%	31	74%	9	67%	5	80%			8	63%	8	88%	24	71%
92	- Others	40	55%	31	61%	9	33%	5	80%			8	38%	8	75%	24	54%

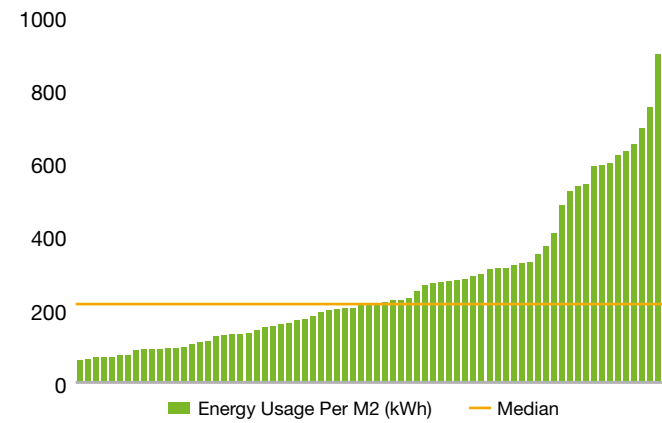
INDIA

India		All		Full Service		Limited Service		Airport		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	63	54%	46	57%	17	47%	9	89%	5	0%	8	25%	13	69%	39	56%
94	Smart Irrigation System	63	29%	45	29%	18	28%	9	22%	5	0%	9	33%	12	33%	39	28%
95	Preventive Maintenance Plan	70	93%	52	92%	18	94%	11	100%	5	80%	9	56%	13	92%	45	100%
96	Sustainability Policy	69	71%	51	67%	18	83%	11	73%	5	40%	9	67%	13	46%	44	80%
97	Sustainability Efforts on Website	69	55%	51	57%	18	50%	10	60%	5	40%	9	44%	13	38%	44	61%
98	Sustainability Champion	69	72%	51	69%	18	83%	10	80%	5	40%	9	67%	13	62%	44	82%
99	Sustainability Team	70	69%	52	69%	18	67%	11	73%	5	40%	9	67%	13	69%	45	73%
100	Sustainability Team Budget	70	53%	52	48%	18	67%	11	64%	5	20%	9	56%	13	38%	45	58%
101	Staff Training on Sustainability	69	81%	51	82%	18	78%	11	91%	5	60%	9	56%	13	77%	44	89%
102	Employee Volunteering Opportunities During Work Hours	70	80%	52	85%	18	67%	11	91%	5	60%	9	67%	13	69%	45	84%
103	Staff Recognition	69	62%	51	61%	18	67%	10	70%	5	40%	9	44%	13	54%	44	68%
104	Staff Feedback Process	70	69%	52	71%	18	61%	11	64%	5	40%	9	56%	13	54%	45	76%
105	Green Certified Cleaning Products	68	62%	51	63%	17	59%	10	90%	5	40%	9	44%	13	62%	43	63%
106	Sustainability Initiatives Communication in Guestrooms	69	70%	51	69%	18	72%	10	70%	5	40%	9	67%	13	85%	44	68%
107	Involve Guests to Support Sustainability Initiatives	69	59%	51	59%	18	61%	11	55%	5	40%	9	67%	12	42%	45	64%
108	Reward Program for Sustainable Guests	68	21%	50	20%	18	22%	10	20%	5	0%	9	22%	12	17%	44	20%
109	≥75% Guest Asking About Carbon Offsetting	66	23%	49	24%	17	18%	11	27%	5	0%	9	11%	13	31%	41	24%
110	≥75% Guests Asking About Sustainability Initiatives	64	20%	47	21%	17	18%	11	27%	5	0%	7	0%	12	17%	42	26%
111	3rd-party Certification	70	39%	52	38%	18	39%	11	36%	5	20%	9	56%	13	38%	45	36%
112	Carbon Footprint Measured	70	77%	52	77%	18	78%	11	100%	5	60%	9	44%	13	62%	45	89%
113	Local Procurement Policy	65	88%	48	90%	17	82%	11	82%	5	60%	8	63%	12	83%	42	93%
114	Sustainability-specific Procurement Requirements	63	48%	46	50%	17	41%	11	45%	5	20%	8	50%	10	40%	42	52%
115	- Contractors	34	85%	24	92%	10	70%	5	100%			8	50%			22	95%
116	- Service Providers	34	88%	24	96%	10	70%	5	100%			8	50%			22	100%
117	- Suppliers	34	88%	24	96%	10	70%	5	100%			8	50%			22	100%
118	- Others	34	68%	24	71%	10	60%	5	80%			8	50%			22	73%
119	Green Roof	69	29%	51	29%	18	28%	11	36%	5	40%	9	22%	13	31%	44	27%
120	Beekeeping	69	13%	51	12%	18	17%	11	9%	5	0%	9	11%	13	0%	44	18%
121	Low or Zero VOC Paints	69	77%	51	82%	18	61%	11	91%	5	60%	9	78%	13	85%	44	77%
122	HVAC Filters Routinely Checked	70	93%	52	92%	18	94%	11	100%	5	80%	9	67%	13	92%	45	98%
123	Building Re-commissioning	74	42%	52	46%	22	32%	10	70%	5	0%	11	45%	14	29%	46	46%
124	Air Purification System	69	64%	51	63%	18	67%	10	90%	5	40%	9	56%	12	58%	45	71%
125	Vegan & Vegetarian Menu Options	68	87%	51	86%	17	88%	11	100%	5	40%	9	44%	13	77%	43	98%
126	Sustainable Seafood Purchasing Policy	62	66%	45	67%	17	65%	11	82%	5	20%	9	44%	12	58%	38	76%
127	≥75% Seafood Purchased Sustainably Certified	61	46%	44	48%	17	41%	11	55%			9	22%	10	40%	39	56%
128	≥75% F&B Purchases Are Fair Trade Items	62	44%	45	42%	17	47%	11	55%	5	0%	9	11%	12	50%	38	50%
129	Evaluate Suppliers in Human Rights Areas	64	75%	47	77%	17	71%	11	91%	5	20%						

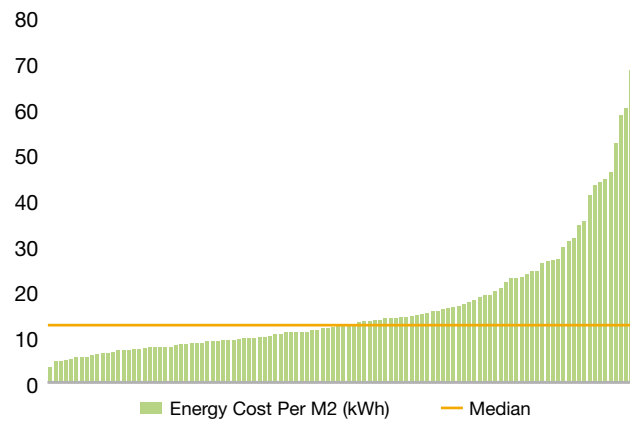


Indonesia

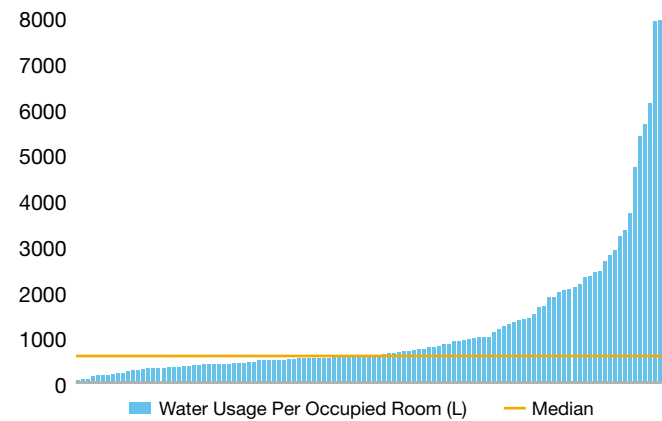
Energy Usage Per Square Metre (kWh)



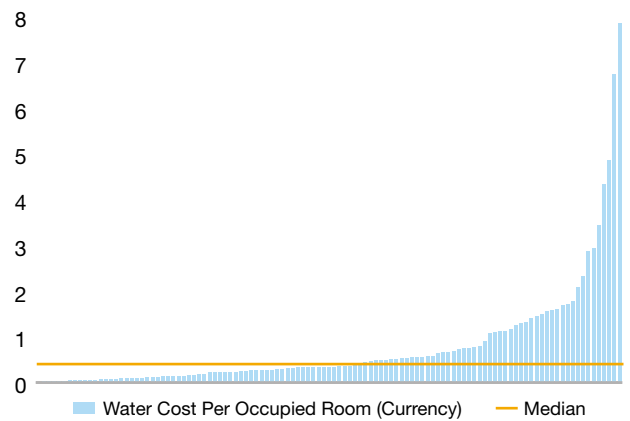
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Indonesia	Energy (KWh)				Water (L)				GHG (KgCO2e)		
	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	
All	Count	73	78	112	138	96	117	98	113	73	78
	High	899	609	68	50	10,165	7,931	13	8	470	442
	Mean	268	121	16	8	2,129	1,172	2	1	155	74
	Q3	321	133	19	11	2,702	1,327	2	1	187	87
	Median	214	68	12	5	1,591	581	1	0	118	45
	Q1	128	41	9	3	1,009	410	0	0	77	28
	Low	60	19	3	1	68	63	0	0	39	7
Full Service	Count	52	50	67	82	59	74	64	72	52	50
	High	899	609	68	50	10,165	7,931	13	8	470	442
	Mean	271	148	17	12	2,358	1,558	2	1	160	95
	Q3	316	220	20	15	2,962	2,022	2	1	205	135
	Median	209	96	13	9	1,634	952	1	1	119	59
	Q1	128	52	8	5	1,030	501	0	0	77	36
	Low	60	22	5	1	293	164	0	0	39	16
Limited Service	Count	21	28	45	56	37	43	34	41	21	28
	High	696	415	60	11	7,154	2,027	13	1	454	124
	Mean	261	74	15	4	1,764	509	1	0	145	37
	Q3	321	80	17	5	2,046	621	2	0	167	48
	Median	218	53	12	3	1,405	485	1	0	115	31
	Q1	150	33	9	2	974	343	0	0	96	19
	Low	89	19	3	1	68	63	0	0	67	7
Suburban	Count	23	19	36	41	26	27	30	30	23	19
	High	899	609	60	50	10,165	7,931	13	8	407	442
	Mean	311	206	15	13	2,734	2,186	2	1	155	111
	Q3	448	254	17	18	3,820	2,779	2	2	219	144
	Median	216	132	9	9	1,526	846	1	1	108	81
	Q1	130	90	8	4	1,141	472	0	0	73	55
	Low	69	19	5	1	68	168	0	0	49	13
Extended Stay	Count	7	6			5	7			7	6
	High	541	84			3,178	911			407	50
	Mean	174	58			1,386	489			124	40
	Q3	176	58			1,629	681			107	43
	Median	104	55			927	349			77	40
	Q1	81	52			766	315			62	37
	Low	60	43			432	168			44	31
Resort – Year Round	Count	21	14	26	31	20	22	23	25	21	14
	High	899	609	44	50	10,165	7,931	13	8	400	442
	Mean	323	217	14	16	3,276	2,916	2	2	150	131
	Q3	524	260	13	21	4,666	4,460	2	2	210	161
	Median	216	159	9	14	1,883	2,177	1	1	108	93
	Q1	111	111	7	5	1,343	1,041	0	0	69	62
	Low	69	46	5	1	1,019	446	0	0	49	35
Non-Resort	Count	45	58	83	104	69	86	73	86	45	58
	High	652	489	68	40	7,154	3,341	13	4	470	374
	Mean	257	105	18	6	1,877	791	2	1	163	64
	Q3	312	114	20	8	2,522	924	2	1	175	71
	Median	218	64	14	4	1,517	540	1	0	130	42
	Q1	142	37	9	3	954	402	0	0	102	24
	Low	64	19	3	1	68	63	0	0	39	7

INDONESIA

Indonesia		All		Full Service		Limited Service		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	161	81%	99	82%	62	81%	49	84%	11	91%	37	84%	111	79%
2	Reuse Program Opt Out	161	0%	99	0%	62	0%	49	0%	11	0%	37	0%	111	0%
3	≥75% LED Lighting	161	55%	99	57%	62	53%	49	45%	11	18%	37	51%	111	59%
4	Variable Frequency Drives	161	56%	99	60%	62	50%	49	61%	11	45%	37	65%	111	53%
5	- Main Air Handling Units	161	29%	99	33%	62	23%	49	31%	11	45%	37	30%	111	26%
6	- Kitchen Hoods	161	20%	99	25%	62	11%	49	18%	11	27%	37	22%	111	18%
7	- Elevators	161	45%	99	51%	62	37%	49	43%	11	45%	37	49%	111	44%
8	- Water Pumps	161	44%	99	48%	62	37%	49	47%	11	36%	37	57%	111	40%
9	- Refrigeration Units	161	30%	99	32%	62	27%	49	37%	11	36%	37	32%	111	28%
10	- Other	161	19%	99	22%	62	15%	49	22%	11	9%	37	22%	111	19%
11	Renewable Energy Generation	161	11%	99	17%	62	2%	49	14%	11	9%	37	19%	111	8%
12	- Solar Thermal	161	3%	99	5%	62	0%	49	8%	11	0%	37	11%	111	1%
13	- Solar PV	161	0%	99	0%	62	0%	49	0%	11	0%	37	0%	111	0%
14	- Wind Power	161	0%	99	0%	62	0%	49	0%	11	0%	37	0%	111	0%
15	- Geothermal	161	0%	99	0%	62	0%	49	0%	11	0%	37	0%	111	0%
16	- Hydroelectric	161	0%	99	0%	62	0%	49	0%	11	0%	37	0%	111	0%
17	- Cogeneration	161	0%	99	0%	62	0%	49	0%	11	0%	37	0%	111	0%
18	- Heat Pump	161	12%	99	17%	62	3%	49	14%	11	9%	37	19%	111	9%
19	- Other Renewable Energy	161	1%	99	1%	62	0%	49	2%	11	0%	37	3%	111	0%
20	Carbon Offset or REC Purchase	161	7%	99	6%	62	8%	49	8%	11	9%	37	5%	111	7%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	161	4%	99	5%	62	2%	49	4%	11	18%	37	3%	111	3%
22	≥75% Guestrooms Have Digital Thermostats	161	25%	99	23%	62	27%	49	18%	11	0%	37	19%	111	29%
23	≥75% Guestrooms Have Occupancy Sensor	161	52%	99	57%	62	45%	49	51%	11	0%	37	62%	111	54%
24	≥75% Bathroom Occupancy Sensors	161	18%	99	13%	62	26%	49	16%	11	0%	37	14%	111	22%
25	≥75% Meeting Room Digital Thermostats	161	48%	99	55%	62	39%	49	47%	11	9%	37	57%	111	50%
26	≥75% Meeting Room Occupancy Sensor	161	20%	99	19%	62	23%	49	14%	11	0%	37	14%	111	24%
27	High Efficiency Boilers	161	30%	99	35%	62	23%	49	37%	11	9%	37	38%	111	31%
28	High Efficiency Chillers	161	43%	99	54%	62	27%	49	53%	11	18%	37	54%	111	43%
29	Energy Sub-metering	161	41%	99	51%	62	26%	49	41%	11	91%	37	51%	111	32%
30	- Fitness Facility	161	12%	99	18%	62	3%	49	14%	11	36%	37	19%	111	8%
31	- F&B Facilities	161	32%	99	37%	62	24%	49	31%	11	64%	37	43%	111	25%
32	- Guestrooms	161	25%	99	32%	62	13%	49	27%	11	82%	37	35%	111	15%
33	- Public Spaces	161	24%	99	28%	62	18%	49	27%	11	55%	37	30%	111	19%
34	- Other	11	0%	9	0%					11	0%				
35	Energy Tracking	161	89%	99	90%	62	89%	49	94%	11	91%	37	92%	111	88%
36	Benchmark Energy Performance	161	50%	99	53%	62	45%	49	53%	11	27%	37	49%	111	52%
37	Energy Audit	161	33%	99	38%	62	24%	49	45%	11	9%	37	43%	111	32%
38	Recover Waste Heat For Reuse	161	10%	99	12%	62	6%	49	18%	11	0%	37	19%	111	8%
39	- Kitchen	161	4%	99	4%	62	5%	49	8%	11	0%	37	8%	111	4%
40	- Laundry	161	3%	99	3%	62	3%	49	4%	11	0%	37	3%	111	4%
41	- Guestrooms	161	4%	99	4%	62	3%	49	6%	11	0%	37	5%	111	4%
42	- Generator	161	4%	99	4%	62	3%	49	4%	11	0%	37	3%	111	5%
43	- Exhaust Air	161	4%	99	4%	62	5%	49	8%	11	0%	37	5%	111	5%
44	- Gray Water	161	6%	99	7%	62	3%	49	14%	11	0%	37	16%	111	3%
45	- Others	11	0%	9	0%					11	0%				

INDONESIA

Indonesia		All		Full Service		Limited Service		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	161	11%	99	17%	62	2%	49	12%	11	27%	37	16%	111	8%
47	Recycling Bins in Common Areas	161	48%	99	52%	62	44%	49	47%	11	91%	37	46%	111	45%
48	Recycling Bins in Guestrooms	161	32%	99	31%	62	32%	49	35%	11	55%	37	30%	111	31%
49	Bulk Shampoo Dispenser	161	62%	99	51%	62	81%	49	73%	11	27%	37	65%	111	66%
50	Waste & Recyclables Tracking	161	49%	99	56%	62	39%	49	49%	11	36%	37	62%	111	46%
51	Donate Leftover Bathroom Amenities	161	18%	99	22%	62	11%	49	24%	11	27%	37	30%	111	12%
52	Food Waste Disposal	161	60%	99	63%	62	56%	49	73%	11	18%	37	78%	111	59%
53	- Landfill/Incinerator	161	29%	99	30%	62	27%	49	37%	11	0%	37	38%	111	29%
54	- On-site Waste Digester Machine	161	5%	99	8%	62	0%	49	14%	11	0%	37	16%	111	2%
55	- On-site compost	161	12%	99	11%	62	13%	49	18%	11	0%	37	22%	111	9%
56	- Off-site Compost/Organic Waste Treatment Facility	161	20%	99	22%	62	18%	49	37%	11	0%	37	35%	111	18%
57	- Off-site Animal Feed	161	24%	99	24%	62	23%	49	29%	11	0%	37	32%	111	23%
58	- Others	161	18%	99	21%	62	13%	49	27%	11	0%	37	30%	111	16%
59	Waste Audit	161	65%	99	65%	62	65%	49	76%	11	36%	37	73%	111	64%
60	Measure Food Waste Generated	161	43%	99	51%	62	31%	49	57%	11	18%	37	57%	111	41%
61	Donate Excess Food	161	35%	99	39%	62	29%	49	47%	11	18%	37	49%	111	32%
62	Excess Food Not Donated	161	1%	99	1%	62	2%	49	0%	11	18%	37	0%	111	0%
63	Food Waste Prevention Strategies	161	37%	99	37%	62	37%	49	43%	11	9%	37	43%	111	37%
64	- Training	161	25%	99	28%	62	21%	49	33%	11	9%	37	32%	111	24%
65	- Adjust Portion Size	161	34%	99	31%	62	37%	49	37%	11	9%	37	35%	111	34%
66	- Redesign Menu	161	30%	99	28%	62	32%	49	33%	11	9%	37	27%	111	32%
67	- Change Size of Serving Vessels	161	27%	99	26%	62	29%	49	29%	11	0%	37	24%	111	30%
68	- Others	11	0%	9	0%					11	0%				
69	Water Filtration/Hydration Station	161	54%	99	57%	62	50%	49	57%	11	36%	37	46%	111	59%
70	- Guestrooms	161	40%	99	44%	62	34%	49	43%	11	36%	37	38%	111	41%
71	- Meeting Facilities	161	34%	99	35%	62	31%	49	35%	11	27%	37	27%	111	36%
72	- F&B Facilities	161	52%	99	56%	62	47%	49	57%	11	36%	37	49%	111	55%
73	- Fitness Facilities	161	25%	99	30%	62	18%	49	31%	11	27%	37	27%	111	24%
74	Plan to Eliminate Single-use Plastics	161	73%	99	75%	62	71%	49	76%	11	82%	37	76%	111	71%
75	- Guestrooms	161	70%	99	72%	62	68%	49	67%	11	73%	37	70%	111	69%
76	- F&B Facilities	161	63%	99	67%	62	56%	49	65%	11	64%	37	65%	111	61%
77	- Other Guest-facing Facilities	161	65%	99	68%	62	60%	49	67%	11	64%	37	70%	111	62%
78	- Back of House	161	66%	99	69%	62	61%	49	61%	11	64%	37	62%	111	67%
79	Eliminate Single-use Plastics	161	43%	99	49%	62	34%	49	55%	11	55%	37	62%	111	37%
80	≥75% Automatic Sensors Touchless Faucets	161	22%	99	23%	62	21%	49	16%	11	0%	37	14%	111	27%
81	≥75% Low-flow Toilets	161	56%	99	58%	62	53%	49	47%	11	0%	37	57%	111	60%
82	≥75% Faucets with Low-flow Aerators	161	47%	99	49%	62	42%	49	39%	11	18%	37	49%	111	48%
83	≥75% Low-flow Shower-head	161	52%	99	55%	62	47%	49	45%	11	9%	37	57%	111	53%
84	Water Tracking	161	87%	99	87%	62	87%	49	90%	11	91%	37	86%	111	86%
85	Reuse Gray-Water	161	30%	99	36%	62	19%	49	43%	11	18%	37	57%	111	22%
86	Water Submetering	161	45%	99	53%	62	34%	49	39%	11	82%	37	49%	111	41%
87	- Guestrooms	161	14%	99	21%	62	3%	49	14%	11	64%	37	19%	111	8%
88	- F&B Facilities	161	26%	99	30%	62	19%	49	20%	11	64%	37	24%	111	23%
89	- Fitness Facilities	161	17%	99	20%	62	13%	49	24%	11	45%	37	32%	111	9%
90	- Swimming Pool	161	25%	99	31%	62	15%	49	24%	11	45%	37	35%	111	19%
91	- Landscaping	161	22%	99	31%	62	8%	49	29%	11	27%	37	38%	111	17%
92	- Others	161	23%	99	30%	62	11%	49	22%	11	0%	37	30%	111	23%

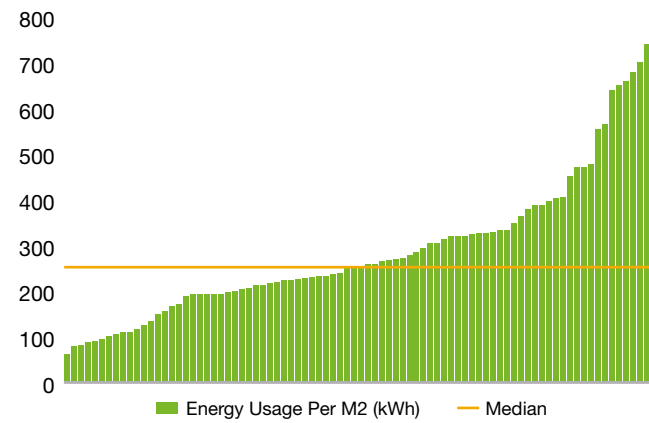
INDONESIA

Indonesia		All		Full Service		Limited Service		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	161	37%	99	42%	62	27%	49	49%	11	18%	37	57%	111	32%
94	Smart Irrigation System	161	12%	99	18%	62	3%	49	14%	11	18%	37	19%	111	10%
95	Preventive Maintenance Plan	161	91%	99	93%	62	87%	49	92%	11	91%	37	92%	111	90%
96	Sustainability Policy	161	70%	99	76%	62	61%	49	73%	11	73%	37	70%	111	70%
97	Sustainability Efforts on Website	161	55%	99	60%	62	48%	49	67%	11	27%	37	59%	111	57%
98	Sustainability Champion	161	55%	99	61%	62	45%	49	55%	11	9%	37	57%	111	59%
99	Sustainability Team	161	58%	99	62%	62	53%	49	57%	11	18%	37	51%	111	65%
100	Sustainability Team Budget	161	46%	99	51%	62	39%	49	53%	11	45%	37	57%	111	42%
101	Staff Training on Sustainability	161	74%	99	79%	62	66%	49	73%	11	82%	37	73%	111	73%
102	Employee Volunteering Opportunities During Work Hours	161	80%	99	81%	62	79%	49	88%	11	73%	37	84%	111	79%
103	Staff Recognition	161	60%	99	62%	62	58%	49	69%	11	64%	37	62%	111	59%
104	Staff Feedback Process	161	74%	99	76%	62	71%	49	69%	11	73%	37	68%	111	76%
105	Green Certified Cleaning Products	161	65%	99	68%	62	61%	49	78%	11	64%	37	70%	111	65%
106	Sustainability Initiatives Communication in Guestrooms	161	85%	99	83%	62	89%	49	82%	11	82%	37	81%	111	86%
107	Involve Guests to Support Sustainability Initiatives	161	70%	99	70%	62	69%	49	67%	11	64%	37	62%	111	72%
108	Reward Program for Sustainable Guests	161	24%	99	27%	62	19%	49	22%	11	27%	37	27%	111	23%
109	≥75% Guest Asking About Carbon Offsetting	161	2%	99	1%	62	3%	49	0%	11	0%	37	0%	111	3%
110	≥75% Guests Asking About Sustainability Initiatives	161	5%	99	5%	62	5%	49	6%	11	0%	37	8%	111	5%
111	3rd-party Certification	161	34%	99	36%	62	31%	49	47%	11	9%	37	38%	111	35%
112	Carbon Footprint Measured	161	39%	99	43%	62	31%	49	41%	11	27%	37	41%	111	39%
113	Local Procurement Policy	161	69%	99	73%	62	63%	49	76%	11	73%	37	81%	111	65%
114	Sustainability-specific Procurement Requirements	161	60%	99	66%	62	50%	49	78%	11	64%	37	73%	111	56%
115	- Contractors	161	52%	99	60%	62	40%	49	69%	11	55%	37	65%	111	49%
116	- Service Providers	161	53%	99	61%	62	42%	49	69%	11	73%	37	65%	111	49%
117	- Suppliers	161	53%	99	60%	62	42%	49	67%	11	64%	37	65%	111	49%
118	- Others	161	51%	99	58%	62	40%	49	65%	11	36%	37	65%	111	49%
119	Green Roof	161	39%	99	45%	62	29%	49	41%	11	27%	37	35%	111	41%
120	Beekeeping	161	2%	99	1%	62	5%	49	2%	11	0%	37	3%	111	3%
121	Low or Zero VOC Paints	161	61%	99	66%	62	55%	49	67%	11	73%	37	68%	111	58%
122	HVAC Filters Routinely Checked	161	78%	99	83%	62	71%	49	82%	11	82%	37	78%	111	77%
123	Building Re-commissioning	161	80%	99	80%	62	79%	49	84%	11	0%	37	86%	111	85%
124	Air Purification System	161	43%	99	47%	62	35%	49	41%	11	45%	37	43%	111	42%
125	Vegan & Vegetarian Menu Options	161	67%	99	76%	62	53%	49	73%	11	73%	37	78%	111	62%
126	Sustainable Seafood Purchasing Policy	161	50%	99	58%	62	39%	49	61%	11	27%	37	65%	111	47%
127	≥75% Seafood Purchased Sustainably Certified	161	20%	99	22%	62	16%	49	27%	11	9%	37	30%	111	18%
128	≥75% F&B Purchases Are Fair Trade Items	161	19%	99	21%	62	16%	49	27%	11	0%	37	30%	111	18%
129	Evaluate Suppliers in Human Rights Areas	161	39%	99	43%	62	31%	49	45%						

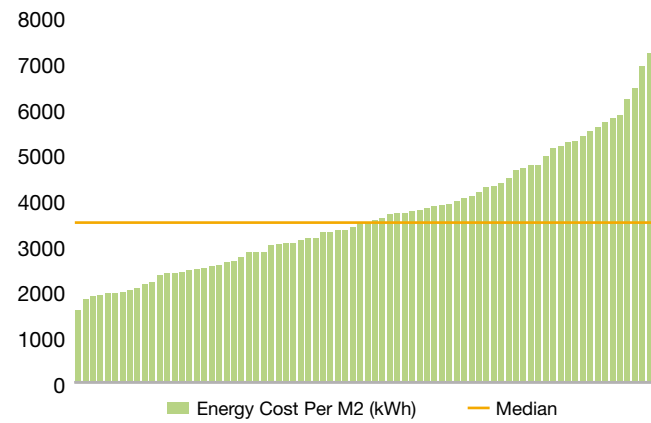


Japan

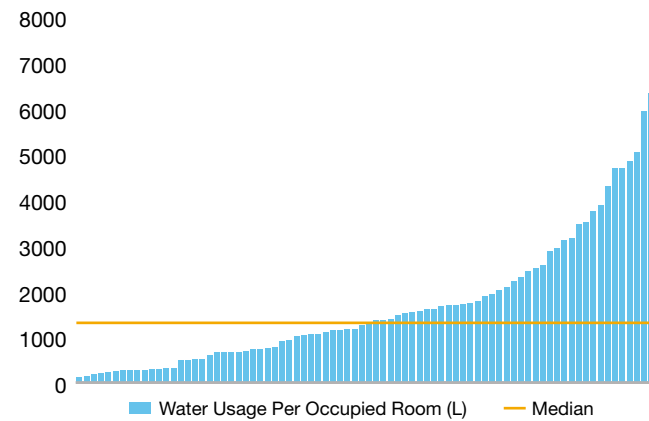
Energy Usage Per Square Metre (kWh)



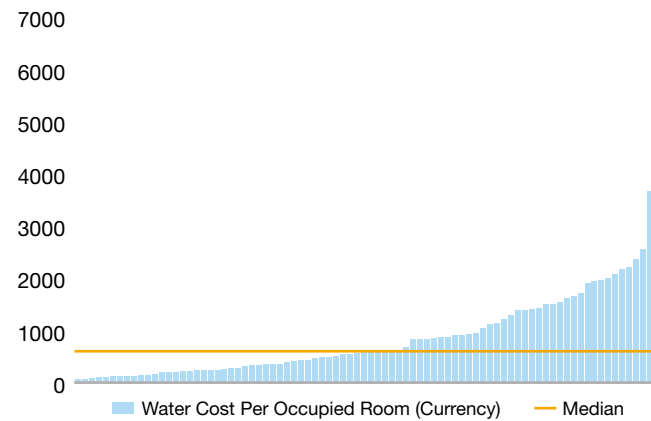
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Japan	Energy (KWh)				Water (L)				GHG (KgCO2e)		
	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	
All	Count	84	72	79	92	85	81	81	84	84	72
	High	740	666	7,701	25,352	6,940	7,393	2,473	6,020	208	247
	Mean	286	215	3,709	4,238	2,038	1,736	922	888	83	63
	Q3	333	303	4,548	5,792	2,530	2,221	1,229	1,316	96	89
	Median	252	192	3,496	3,154	1,760	1,309	803	599	79	55
	Q1	194	68	2,605	1,246	1,247	659	482	255	61	23
	Low	61	16	1,582	274	463	116	172	61	4	2
Full Service	Count	68	56	66	76	68	65	66	69	68	56
	High	740	666	7,701	25,352	5,875	7,393	2,473	6,020	208	247
	Mean	316	262	3,924	4,976	2,165	2,081	983	1,039	90	76
	Q3	380	353	4,733	5,997	2,678	2,576	1,283	1,429	98	95
	Median	275	239	3,731	3,732	1,818	1,610	840	839	81	67
	Q1	219	121	3,016	2,207	1,449	1,060	522	420	68	45
	Low	91	29	1,810	354	464	145	172	61	20	11
Limited Service	Count	16	16	13	16	17	16	15	15	16	16
	High	332	98	5,792	1,214	6,940	741	2,033	562	104	30
	Mean	158	48	2,616	735	1,532	331	656	194	52	16
	Q3	202	67	2,842	887	1,296	366	745	232	72	19
	Median	141	41	2,198	763	996	286	482	145	48	17
	Q1	93	35	1,944	543	788	247	364	114	31	12
	Low	61	16	1,582	274	463	116	202	72	4	2
Extended Stay	Count	11	12	9	11	13	12	12	11	11	12
	High	332	88	5,792	1,427	6,940	741	2,033	562	90	30
	Mean	145	49	2,934	932	1,731	470	711	269	51	18
	Q3	175	60	3,295	1,194	1,475	664	1,017	354	65	23
	Median	111	50	2,484	988	1,293	492	533	227	48	19
	Q1	90	34	2,021	689	986	274	396	138	33	13
	Low	61	16	1,810	385	463	116	196	101	25	6
Resort – Year Round	Count	23	17	22	27	25	26	21	23	23	17
	High	701	666	7,701	25,352	5,875	7,393	2,473	6,020	208	247
	Mean	350	332	4,140	7,174	2,493	3,329	1,172	1,556	106	107
	Q3	387	387	4,867	8,251	3,008	4,598	1,783	2,082	116	127
	Median	304	313	3,918	5,082	2,113	3,139	1,140	1,386	97	94
	Q1	230	202	3,119	3,672	1,824	1,771	516	764	81	74
	Low	106	75	1,890	354	928	1,034	360	61	49	29
Non-Resort	Count	48	42	47	52	45	42	46	48	48	42
	High	740	631	7,208	14,710	5,710	2,501	2,326	2,086	208	169
	Mean	292	219	3,693	3,532	1,903	1,148	871	705	81	59
	Q3	329	282	4,577	4,823	2,202	1,666	1,160	937	90	81
	Median	252	202	3,496	2,760	1,680	1,118	754	565	78	55
	Q1	211	92	2,649	1,268	1,118	541	482	311	65	27
	Low	82	33	1,582	344	464	145	172	82	4	2

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Japan		All		Full Service		Limited Service		Small Metro/Town		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	93	81%	75	83%	18	72%			13	85%	27	85%	51	76%
2	Reuse Program Opt Out	76	0%	63	0%	13	0%			13	0%	23	0%	38	0%
3	≥75% LED Lighting	97	61%	79	58%	18	72%			13	38%	29	76%	53	58%
4	Variable Frequency Drives	90	66%	73	74%	17	29%			13	15%	26	85%	49	69%
5	- Main Air Handling Units	66	76%	56	84%	10	30%			13	8%	22	100%	30	87%
6	- Kitchen Hoods	66	32%	56	34%	10	20%			13	0%	22	55%	30	30%
7	- Elevators	67	60%	57	65%	10	30%			13	0%	22	91%	31	61%
8	- Water Pumps	67	66%	57	74%	10	20%			13	0%	22	91%	31	74%
9	- Refrigeration Units	66	33%	56	39%	10	0%			13	0%	22	59%	30	27%
10	- Other	66	32%	56	38%	10	0%			13	0%	22	50%	30	33%
11	Renewable Energy Generation	99	6%	81	6%	18	6%	5	0%	13	8%	30	10%	54	4%
12	- Solar Thermal	18	0%	10	0%	8	0%			13	0%				
13	- Solar PV	18	11%	10	10%	8	13%			13	0%				
14	- Wind Power	18	6%	10	10%	8	0%			13	8%				
15	- Geothermal	18	0%	10	0%	8	0%			13	0%				
16	- Hydroelectric	18	0%	10	0%	8	0%			13	0%				
17	- Cogeneration	18	22%	10	40%	8	0%			13	8%				
18	- Heat Pump	18	0%	10	0%	8	0%			13	0%				
19	- Other Renewable Energy	18	0%	10	0%	8	0%			13	0%				
20	Carbon Offset or REC Purchase	99	9%	81	11%	18	0%	5	0%	13	0%	30	13%	54	9%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	99	10%	81	11%	18	6%	5	0%	13	0%	30	23%	54	6%
22	≥75% Guestrooms Have Digital Thermostats	99	58%	81	64%	18	28%	5	100%	13	0%	30	83%	54	59%
23	≥75% Guestrooms Have Occupancy Sensor	99	28%	81	31%	18	17%	5	60%	13	0%	30	47%	54	22%
24	≥75% Bathroom Occupancy Sensors	98	17%	80	19%	18	11%	5	40%	13	0%	30	27%	53	17%
25	≥75% Meeting Room Digital Thermostats	98	44%	80	51%	18	11%	5	60%	13	0%	30	63%	53	43%
26	≥75% Meeting Room Occupancy Sensor	98	9%	80	10%	18	6%	5	20%	13	0%	30	13%	53	9%
27	High Efficiency Boilers	98	52%	81	54%	17	41%	5	80%	13	31%	30	67%	53	49%
28	High Efficiency Chillers	97	41%	80	43%	17	35%	5	60%	13	23%	30	47%	52	44%
29	Energy Sub-metering	97	52%	80	54%	17	41%	5	40%	13	54%	30	53%	52	50%
30	- Fitness Facility	56	57%	46	70%	10	0%			13	8%	16	88%	26	65%
31	- F&B Facilities	56	75%	46	85%	10	30%			13	8%	16	94%	26	96%
32	- Guestrooms	56	64%	46	65%	10	60%			13	54%	16	69%	26	65%
33	- Public Spaces	56	61%	46	63%	10	50%			13	54%	16	81%	26	54%
34	- Other	56	55%	46	67%	10	0%			13	0%	16	81%	26	65%
35	Energy Tracking	99	98%	81	98%	18	100%	5	100%	13	100%	30	100%	54	96%
36	Benchmark Energy Performance	99	53%	81	57%	18	33%	5	100%	13	23%	30	73%	54	48%
37	Energy Audit	99	36%	81	43%	18	6%	5	20%	13	0%	30	47%	54	41%
38	Recover Waste Heat For Reuse	99	18%	81	22%	18	0%	5	20%	13	0%	30	23%	54	19%
39	- Kitchen	31	10%	24	13%	7	0%			13	0%	7	29%	10	10%
40	- Laundry	31	3%	24	4%	7	0%			13	0%	7	14%	10	0%
41	- Guestrooms	31	16%	24	21%	7	0%			13	0%	7	29%	10	30%
42	- Generator	31	16%	24	21%	7	0%			13	0%	7	43%	10	20%
43	- Exhaust Air	31	39%	24	50%	7	0%			13	0%	7	71%	10	70%
44	- Gray Water	31	6%	24	8%	7	0%			13	0%	7	29%	10	0%
45	- Others	31	29%	24	38%	7	0%			13	0%	7	43%	10	50%

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Japan		All		Full Service		Limited Service		Small Metro/Town		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	99	32%	81	37%	18	11%	5	40%	13	0%	30	53%	54	28%
47	Recycling Bins in Common Areas	100	77%	81	75%	19	84%	5	100%	13	77%	30	80%	55	76%
48	Recycling Bins in Guestrooms	97	35%	79	33%	18	44%	5	0%	13	62%	30	27%	52	35%
49	Bulk Shampoo Dispenser	99	52%	80	49%	19	63%	5	40%	13	15%	30	30%	54	70%
50	Waste & Recyclables Tracking	96	59%	78	63%	18	44%	5	60%	13	31%	30	73%	51	61%
51	Donate Leftover Bathroom Amenities	100	26%	81	30%	19	11%	5	40%	13	31%	30	40%	55	18%
52	Food Waste Disposal	95	58%	77	61%	18	44%			13	8%	28	64%	52	67%
53	- Landfill/Incinerator	67	55%	52	58%	15	47%			13	0%	18	67%	35	69%
54	- On-site Waste Digester Machine	67	12%	52	15%	15	0%			13	0%	18	6%	35	20%
55	- On-site compost	67	0%	52	0%	15	0%			13	0%	18	0%	35	0%
56	- Off-site Compost/Organic Waste Treatment Facility	67	25%	52	27%	15	20%			13	8%	18	39%	35	26%
57	- Off-site Animal Feed	67	21%	52	27%	15	0%			13	8%	18	28%	35	23%
58	- Others	67	10%	52	10%	15	13%			13	0%	18	6%	35	17%
59	Waste Audit	100	36%	81	38%	19	26%	5	40%	13	0%	30	43%	55	42%
60	Measure Food Waste Generated	97	58%	79	62%	18	39%	5	60%	13	8%	30	67%	52	67%
61	Donate Excess Food	92	22%	75	23%	17	18%	5	40%	13	0%	30	30%	48	23%
62	Excess Food Not Donated	68	1%	54	2%	14	0%			13	8%	21	0%	33	0%
63	Food Waste Prevention Strategies	97	41%	79	47%	18	17%	5	80%	13	8%	28	64%	54	37%
64	- Training	73	27%	60	30%	13	15%	5	40%	13	0%	23	39%	36	31%
65	- Adjust Portion Size	73	33%	60	38%	13	8%	5	40%	13	0%	23	61%	36	28%
66	- Redesign Menu	73	49%	60	57%	13	15%	5	40%	13	8%	23	70%	36	50%
67	- Change Size of Serving Vessels	73	30%	60	35%	13	8%	5	20%	13	0%	23	52%	36	25%
68	- Others	73	30%	60	32%	13	23%	5	60%	13	0%	23	48%	36	31%
69	Water Filtration/Hydration Station	97	26%	79	30%	18	6%	5	20%	13	8%	28	46%	54	20%
70	- Guestrooms	37	32%	29	41%	8	0%			13	15%	13	46%	11	36%
71	- Meeting Facilities	37	24%	29	31%	8	0%			13	8%	13	31%	11	36%
72	- F&B Facilities	37	38%	29	45%	8	13%			13	0%	13	38%	11	82%
73	- Fitness Facilities	37	54%	29	69%	8	0%			13	8%	13	77%	11	82%
74	Plan to Eliminate Single-use Plastics	99	78%	80	81%	19	63%	5	100%	13	62%	29	83%	55	80%
75	- Guestrooms	73	38%	60	37%	13	46%	5	40%	13	62%	23	39%	36	31%
76	- F&B Facilities	73	34%	60	40%	13	8%	5	40%	13	8%	23	61%	36	28%
77	- Other Guest-facing Facilities	73	51%	60	58%	13	15%	5	40%	13	15%	23	70%	36	50%
78	- Back of House	73	41%	60	42%	13	38%	5	20%	13	62%	23	52%	36	25%
79	Eliminate Single-use Plastics	99	40%	80	44%	19	26%	5	60%	13	31%	29	34%	55	45%
80	≥75% Automatic Sensors Touchless Faucets	97	8%	79	9%	18	6%			13	0%	29	10%	53	9%
81	≥75% Low-flow Toilets	96	33%	79	32%	17	41%	5	80%	13	0%	30	43%	52	37%
82	≥75% Faucets with Low-flow Aerators	98	26%	80	24%	18	33%	5	40%	13	0%	30	33%	53	26%
83	≥75% Low-flow Shower-head	98	47%	80	51%	18	28%	5	80%	13	0%	30	60%	53	53%
84	Water Tracking	98	95%	80	96%	18	89%	5	100%	13	92%	30	100%	53	94%
85	Reuse Gray-Water	98	24%	80	28%	18	11%	5	20%	13	0%	30	30%	53	28%
86	Water Submetering	98	57%	80	65%	18	22%	5	80%	13	23%	30	63%	53	62%
87	- Guestrooms	68	51%	58	57%	10	20%			13	23%	21	57%	33	58%
88	- F&B Facilities	69	71%	59	78%	10	30%			13	0%	21	81%	34	91%
89	- Fitness Facilities	66	44%	56	52%	10	0%			13	8%	21	57%	31	48%
90	- Swimming Pool	67	51%	57	60%	10	0%			13	0%	21	67%	32	59%
91	- Landscaping	66	23%	56	27%	10	0%			13	0%	21	43%	31	19%
92	- Others	68	37%	58	43%	10	0%			13	0%	21	57%	33	39%

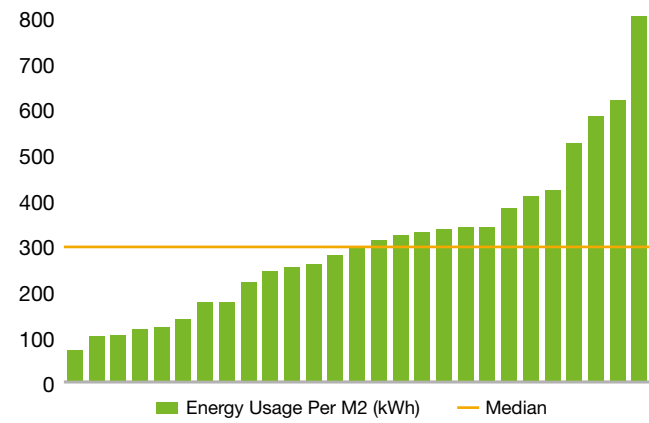
JAPAN

Japan		All		Full Service		Limited Service		Small Metro/Town		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	96	21%	79	23%	17	12%	5	40%	13	15%	29	28%	52	19%
94	Smart Irrigation System	91	12%	74	12%	17	12%	5	20%	13	15%	27	22%	49	6%
95	Preventive Maintenance Plan	98	96%	80	98%	18	89%	5	100%	13	77%	29	97%	54	100%
96	Sustainability Policy	98	58%	80	59%	18	56%	5	40%	13	54%	30	57%	53	62%
97	Sustainability Efforts on Website	98	47%	80	51%	18	28%	5	40%	13	38%	30	47%	53	51%
98	Sustainability Champion	97	66%	80	73%	17	35%	5	100%	13	46%	30	83%	52	62%
99	Sustainability Team	98	68%	80	75%	18	39%	5	80%	13	54%	30	73%	53	70%
100	Sustainability Team Budget	97	33%	79	35%	18	22%	5	60%	13	23%	30	47%	52	29%
101	Staff Training on Sustainability	98	52%	80	54%	18	44%	5	40%	13	54%	30	67%	53	43%
102	Employee Volunteering Opportunities During Work Hours	97	67%	79	72%	18	44%	5	100%	13	54%	30	83%	52	63%
103	Staff Recognition	98	37%	80	38%	18	33%	5	20%	13	69%	30	47%	53	25%
104	Staff Feedback Process	98	62%	80	64%	18	56%	5	100%	13	69%	30	63%	53	60%
105	Green Certified Cleaning Products	97	42%	80	41%	17	47%	5	60%	13	38%	30	57%	52	37%
106	Sustainability Initiatives Communication in Guestrooms	98	53%	80	53%	18	56%	5	60%	13	62%	30	47%	53	57%
107	Involve Guests to Support Sustainability Initiatives	98	50%	80	50%	18	50%	5	80%	13	69%	30	47%	53	49%
108	Reward Program for Sustainable Guests	98	23%	80	26%	18	11%	5	40%	13	31%	30	20%	53	23%
109	≥75% Guest Asking About Carbon Offsetting	97	8%	79	10%	18	0%	5	0%	13	0%	28	18%	54	6%
110	≥75% Guests Asking About Sustainability Initiatives	95	2%	77	3%	18	0%	5	0%	13	0%	28	4%	52	2%
111	3rd-party Certification	97	24%	79	25%	18	17%	5	20%	13	8%	29	28%	53	26%
112	Carbon Footprint Measured	99	56%	81	62%	18	28%	5	60%	13	15%	30	80%	54	54%
113	Local Procurement Policy	97	65%	79	68%	18	50%			13	31%	29	83%	53	62%
114	Sustainability-specific Procurement Requirements	95	31%	77	30%	18	33%			13	46%	28	39%	52	23%
115	- Contractors	36	39%	26	31%	10	60%			13	38%	11	45%	12	33%
116	- Service Providers	36	39%	26	38%	10	40%			13	46%	11	45%	12	25%
117	- Suppliers	36	72%	26	81%	10	50%			13	46%	11	91%	12	83%
118	- Others	36	36%	26	35%	10	40%			13	31%	11	45%	12	33%
119	Green Roof	99	27%	81	30%	18	17%	5	0%	13	8%	30	23%	54	35%
120	Beekeeping	99	0%	81	0%	18	0%	5	0%	13	0%	30	0%	54	0%
121	Low or Zero VOC Paints	98	56%	80	61%	18	33%			13	54%	29	59%	54	56%
122	HVAC Filters Routinely Checked	99	91%	81	93%	18	83%	5	100%	13	62%	30	100%	54	94%
123	Building Re-commissioning	98	34%	80	38%	18	17%	5	40%	13	0%	29	48%	54	33%
124	Air Purification System	98	93%	80	94%	18	89%	5	100%	13	92%	29	93%	54	93%
125	Vegan & Vegetarian Menu Options	96	77%	78	85%	18	44%	5	100%	13	8%	29	97%	52	87%
126	Sustainable Seafood Purchasing Policy	96	46%	78	49%	18	33%			13	0%	29	72%	52	44%
127	≥75% Seafood Purchased Sustainably Certified	93	10%	75	7%	18	22%			13	0%	28	4%	50	16%
128	≥75% F&B Purchases Are Fair Trade Items	92	11%	74	11%	18	11%			13	0%	27	4%	50	18%
129	Evaluate Suppliers in Human Rights Areas	96	42%	78	38%	18	56%								

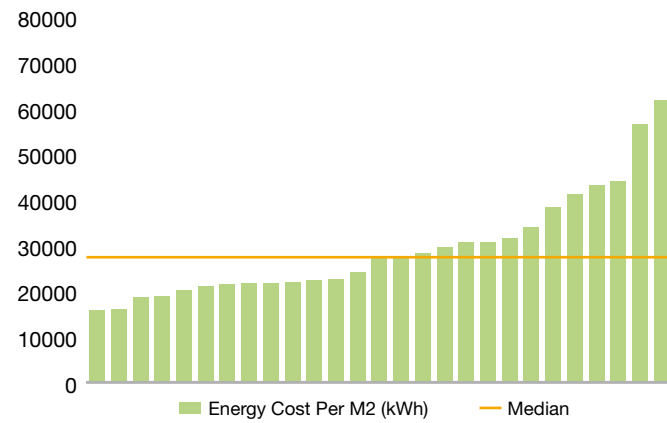


Korea

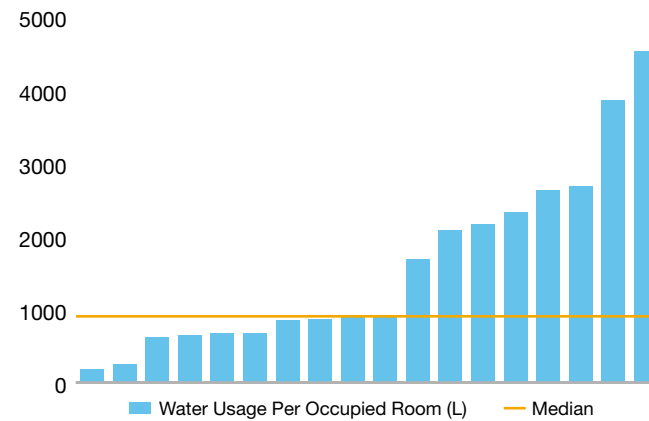
Energy Usage Per Square Metre (kWh)



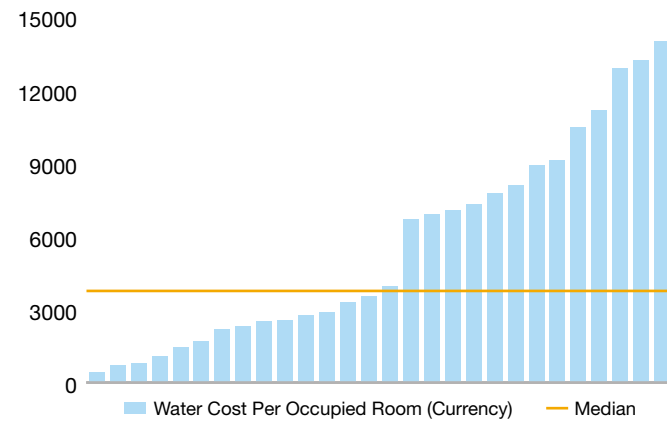
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Korea	Energy (KWh)				Water (L)				GHG (KgCO2e)		
	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	
All	Count	27	23	27	27	25	18	24	28	27	23
	High	800	525	61,812	55,955	9,521	4,534	16,854	14,038	260	185
	Mean	305	181	29,266	22,425	2,558	1,589	7,258	5,579	115	68
	Q3	360	261	32,672	33,222	2,847	2,291	8,978	8,315	137	101
	Median	296	135	27,349	15,888	2,292	905	6,530	3,763	103	48
	Q1	174	63	21,583	11,913	1,687	676	4,790	2,280	82	31
	Low	69	24	15,723	4,075	948	185	3,029	439	36	12
Full Service	Count	15	12	16	15	12	10	13	15	15	12
	High	800	525	61,812	55,955	9,521	4,534	16,854	14,038	260	185
	Mean	391	279	34,466	30,089	3,229	2,308	9,088	7,835	141	102
	Q3	470	362	41,642	35,610	2,992	2,675	10,172	9,817	164	127
	Median	334	261	30,066	30,048	2,520	2,248	8,562	7,791	136	101
	Q1	286	196	26,510	22,739	2,292	1,785	7,054	6,820	106	67
	Low	99	65	20,999	12,423	1,735	185	4,961	439	47	31
Limited Service	Count	12	11	11	12	13	8	11	13	12	11
	High	339	139	31,447	40,513	3,952	912	10,036	12,929	132	48
	Mean	196	73	21,702	12,845	1,939	690	5,094	2,977	81	31
	Q3	271	105	21,961	13,181	2,292	859	5,899	2,910	95	43
	Median	174	62	21,523	11,497	1,687	678	4,277	2,314	82	30
	Q1	119	40	18,778	9,430	1,216	641	3,332	1,468	60	21
	Low	69	24	15,723	4,075	948	253	3,029	728	36	12
Resort – Year Round	Count	7	5	8	6	5		5	5	7	5
	High	800	525	61,812	46,396	9,521		16,854	14,038	260	185
	Mean	419	283	37,028	30,333	4,563		12,254	10,901	155	107
	Q3	552	346	43,428	35,945	4,517		15,459	13,233	206	119
	Median	334	260	35,319	30,953	3,311		11,460	11,175	136	108
	Q1	299	221	27,981	24,408	2,886		8,934	9,126	116	93
	Low	99	65	20,999	13,858	2,582		8,562	6,931	47	31
Non-Resort	Count	17	14	16	16	16	11	16	17	17	14
	High	616	428	56,446	55,955	2,847	2,688	10,172	10,507	213	150
	Mean	278	175	26,579	20,879	1,958	1,255	5,905	4,441	104	65
	Q3	338	249	30,613	30,963	2,332	1,923	7,462	7,077	121	88
	Median	258	132	22,419	13,555	2,004	898	5,684	3,300	93	47
	Q1	174	67	21,271	11,539	1,650	678	4,588	2,314	84	33
	Low	69	25	16,110	6,416	948	253	3,029	796	36	13

KOREA

Korea		All		Full Service		Limited Service		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	36	83%	20	85%	16	81%	6	100%	8	88%	20	75%
2	Reuse Program Opt Out	30	0%	17	0%	13	0%	6	0%	7	0%	15	0%
3	≥75% LED Lighting	36	83%	20	80%	16	88%	6	50%	8	75%	20	100%
4	Variable Frequency Drives	36	69%	20	85%	16	50%	6	50%	8	75%	20	80%
5	- Main Air Handling Units	25	80%	17	82%	8	75%	5	20%	5	80%	15	100%
6	- Kitchen Hoods	25	68%	17	76%	8	50%	5	40%	5	60%	15	80%
7	- Elevators	25	84%	17	88%	8	75%	5	40%	5	100%	15	93%
8	- Water Pumps	25	80%	17	76%	8	88%	5	60%	5	80%	15	87%
9	- Refrigeration Units	25	68%	17	76%	8	50%	5	40%	5	80%	15	73%
10	- Other	25	52%	17	47%	8	63%	5	60%	5	40%	15	53%
11	Renewable Energy Generation	36	25%	20	15%	16	38%	6	50%	8	0%	20	30%
12	- Solar Thermal	12	33%	5	40%	7	29%	6	0%			6	67%
13	- Solar PV	12	25%	5	0%	7	43%	6	0%			6	50%
14	- Wind Power	12	8%	5	20%	7	0%	6	17%			6	0%
15	- Geothermal	12	8%	5	20%	7	0%	6	0%			6	17%
16	- Hydroelectric	12	0%	5	0%	7	0%	6	0%			6	0%
17	- Cogeneration	12	8%	5	20%	7	0%	6	0%			6	17%
18	- Heat Pump	12	17%	5	0%	7	29%	6	17%			6	17%
19	- Other Renewable Energy	12	8%	5	20%	7	0%	6	0%			6	17%
20	Carbon Offset or REC Purchase	36	17%	20	15%	16	19%	6	17%	8	0%	20	20%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	35	11%	19	11%	16	13%	5	40%	8	0%	20	10%
22	≥75% Guestrooms Have Digital Thermostats	36	83%	20	80%	16	88%	6	33%	8	88%	20	95%
23	≥75% Guestrooms Have Occupancy Sensor	34	62%	19	53%	15	73%	6	33%	8	50%	18	72%
24	≥75% Bathroom Occupancy Sensors	35	46%	20	50%	15	40%	6	33%	8	63%	19	42%
25	≥75% Meeting Room Digital Thermostats	36	67%	20	60%	16	75%	6	33%	8	50%	20	80%
26	≥75% Meeting Room Occupancy Sensor	35	29%	20	20%	15	40%	6	17%	8	13%	19	37%
27	High Efficiency Boilers	36	83%	20	90%	16	75%	6	50%	8	88%	20	90%
28	High Efficiency Chillers	36	89%	20	95%	16	81%	6	83%	8	88%	20	95%
29	Energy Sub-metering	36	56%	20	80%	16	25%	6	50%	8	75%	20	50%
30	- Fitness Facility	22	73%	16	81%	6	50%	5	40%	6	83%	10	80%
31	- F&B Facilities	22	86%	16	94%	6	67%	5	60%	6	100%	10	90%
32	- Guestrooms	22	68%	16	69%	6	67%	5	40%	6	67%	10	80%
33	- Public Spaces	22	68%	16	81%	6	33%	5	40%	6	100%	10	60%
34	- Other	21	67%	15	73%	6	50%	5	20%	5	100%	10	70%
35	Energy Tracking	36	97%	20	95%	16	100%	6	100%	8	88%	20	100%
36	Benchmark Energy Performance	35	43%	20	45%	15	40%	6	33%	8	50%	19	47%
37	Energy Audit	34	62%	20	70%	14	50%	6	50%	8	100%	18	56%
38	Recover Waste Heat For Reuse	35	14%	20	25%	15	0%	6	0%	8	13%	19	21%
39	- Kitchen	9	33%	7	43%								
40	- Laundry	9	33%	7	43%								
41	- Guestrooms	9	22%	7	29%								
42	- Generator	9	22%	7	29%								
43	- Exhaust Air	9	0%	7	0%								
44	- Gray Water	9	11%	7	14%								
45	- Others	9	22%	7	29%								

KOREA

Korea		All		Full Service		Limited Service		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	33	52%	18	78%	15	20%	6	17%	6	100%	19	53%
47	Recycling Bins in Common Areas	34	62%	19	58%	15	67%	6	67%	8	75%	19	58%
48	Recycling Bins in Guestrooms	33	39%	19	21%	14	64%	6	67%	8	0%	18	50%
49	Bulk Shampoo Dispenser	33	24%	19	16%	14	36%	6	17%	8	25%	18	22%
50	Waste & Recyclables Tracking	33	73%	19	79%	14	64%	6	67%	8	88%	18	72%
51	Donate Leftover Bathroom Amenities	33	39%	19	53%	14	21%	6	33%	8	50%	18	33%
52	Food Waste Disposal	33	61%	19	68%	14	50%	6	17%	8	88%	18	67%
53	- Landfill/Incinerator	24	29%	15	20%	9	44%	5	0%	7	43%	12	33%
54	- On-site Waste Digester Machine	24	8%	15	7%	9	11%	5	0%	7	14%	12	8%
55	- On-site compost	24	17%	15	20%	9	11%	5	0%	7	14%	12	25%
56	- Off-site Compost/Organic Waste Treatment Facility	24	54%	15	67%	9	33%	5	20%	7	71%	12	58%
57	- Off-site Animal Feed	24	17%	15	20%	9	11%	5	0%	7	43%	12	8%
58	- Others	23	22%	14	14%	9	33%	5	0%	6	33%	12	25%
59	Waste Audit	32	31%	18	22%	14	43%	6	0%	8	50%	17	35%
60	Measure Food Waste Generated	33	76%	19	84%	14	64%	6	33%	8	100%	18	83%
61	Donate Excess Food	32	6%	19	11%	13	0%	5	0%	8	13%	18	6%
62	Excess Food Not Donated	27	0%	14	0%	13	0%	5	0%	5	0%	16	0%
63	Food Waste Prevention Strategies	33	45%	19	47%	14	43%	6	17%	8	50%	18	56%
64	- Training	24	42%	14	36%	10	50%	5	20%	6	67%	13	38%
65	- Adjust Portion Size	24	50%	14	57%	10	40%	5	20%	6	67%	13	54%
66	- Redesign Menu	24	50%	14	50%	10	50%	5	20%	6	67%	13	54%
67	- Change Size of Serving Vessels	24	50%	14	57%	10	40%	5	20%	6	83%	13	46%
68	- Others	23	26%	13	31%	10	20%	5	0%	5	40%	13	31%
69	Water Filtration/Hydration Station	32	56%	19	53%	13	62%	6	33%	8	75%	17	53%
70	- Guestrooms	22	27%	13	38%	9	11%	5	20%	7	43%	9	22%
71	- Meeting Facilities	22	50%	13	62%	9	33%	5	0%	7	71%	9	56%
72	- F&B Facilities	22	77%	13	77%	9	78%	5	20%	7	86%	9	100%
73	- Fitness Facilities	21	52%	12	58%	9	44%	5	20%	6	67%	9	56%
74	Plan to Eliminate Single-use Plastics	33	76%	19	79%	14	71%	6	83%	8	75%	18	78%
75	- Guestrooms	24	54%	14	50%	10	60%	5	80%	6	67%	13	38%
76	- F&B Facilities	24	54%	14	64%	10	40%	5	40%	6	67%	13	54%
77	- Other Guest-facing Facilities	24	58%	14	57%	10	60%	5	60%	6	67%	13	54%
78	- Back of House	24	58%	14	71%	10	40%	5	60%	6	83%	13	46%
79	Eliminate Single-use Plastics	33	21%	19	16%	14	29%	6	17%	8	25%	18	22%
80	≥75% Automatic Sensors Touchless Faucets	33	15%	19	16%	14	14%	6	17%	8	13%	18	11%
81	≥75% Low-flow Toilets	33	52%	19	58%	14	43%	6	17%	8	38%	18	72%
82	≥75% Faucets with Low-flow Aerators	33	36%	19	37%	14	36%	6	17%	8	38%	18	44%
83	≥75% Low-flow Shower-head	33	45%	19	47%	14	43%	6	17%	8	50%	18	56%
84	Water Tracking	33	97%	19	100%	14	93%	6	83%	8	100%	18	100%
85	Reuse Gray-Water	33	27%	19	37%	14	14%	6	17%	8	50%	18	22%
86	Water Submetering	33	45%	19	63%	14	21%	6	33%	8	75%	18	39%
87	- Guestrooms	18	56%	13	69%	5	20%			6	83%	8	50%
88	- F&B Facilities	18	67%	13	85%	5	20%			6	83%	8	63%
89	- Fitness Facilities	18	44%	13	54%	5	20%			6	50%	8	50%
90	- Swimming Pool	18	44%	13	62%	5	0%			6	83%	8	25%
91	- Landscaping	18	61%	13	77%	5	20%			6	100%	8	50%
92	- Others	17	35%	12	50%	5	0%			5	60%	8	38%

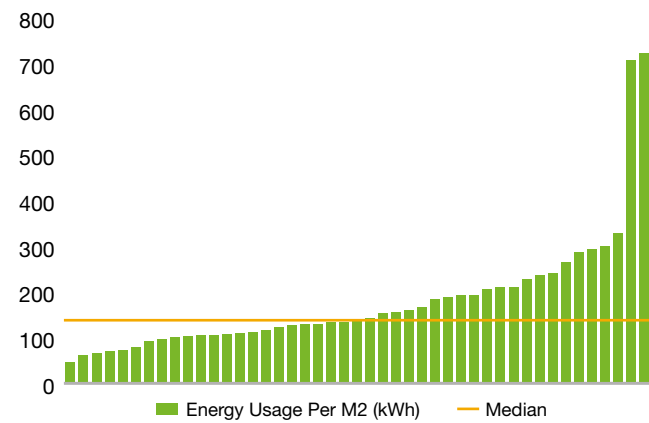
KOREA

Korea		All		Full Service		Limited Service		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	33	27%	19	21%	14	36%	6	33%	8	25%	18	28%
94	Smart Irrigation System	32	19%	19	21%	13	15%	6	33%	8	13%	17	18%
95	Preventive Maintenance Plan	34	91%	20	95%	14	86%	6	83%	8	100%	19	89%
96	Sustainability Policy	34	62%	20	80%	14	36%	6	67%	8	88%	19	53%
97	Sustainability Efforts on Website	33	42%	19	53%	14	29%	6	33%	8	63%	18	39%
98	Sustainability Champion	33	61%	19	74%	14	43%	6	50%	8	100%	18	50%
99	Sustainability Team	32	47%	18	61%	14	29%	6	17%	8	88%	17	41%
100	Sustainability Team Budget	33	39%	19	53%	14	21%	6	0%	8	63%	18	44%
101	Staff Training on Sustainability	33	76%	19	84%	14	64%	6	50%	8	100%	18	72%
102	Employee Volunteering Opportunities During Work Hours	33	76%	19	84%	14	64%	6	50%	8	100%	18	78%
103	Staff Recognition	33	67%	19	74%	14	57%	6	50%	8	88%	18	67%
104	Staff Feedback Process	33	73%	19	74%	14	71%	6	33%	8	88%	18	78%
105	Green Certified Cleaning Products	33	33%	19	42%	14	21%	6	33%	8	50%	18	28%
106	Sustainability Initiatives Communication in Guestrooms	33	67%	19	79%	14	50%	6	50%	8	75%	18	72%
107	Involve Guests to Support Sustainability Initiatives	33	48%	19	58%	14	36%	6	33%	8	50%	18	56%
108	Reward Program for Sustainable Guests	33	18%	19	26%	14	7%	6	17%	8	25%	18	17%
109	≥75% Guest Asking About Carbon Offsetting	31	10%	18	11%	13	8%	6	17%	7	0%	17	12%
110	≥75% Guests Asking About Sustainability Initiatives	29	7%	16	13%	13	0%	6	0%	7	14%	15	7%
111	3rd-party Certification	32	41%	19	42%	13	38%	6	17%	8	63%	17	41%
112	Carbon Footprint Measured	33	36%	19	37%	14	36%	6	17%	8	25%	18	50%
113	Local Procurement Policy	33	45%	19	58%	14	29%	6	50%	8	50%	18	44%
114	Sustainability-specific Procurement Requirements	28	25%	17	29%	11	18%	5	40%	7	14%	15	27%
115	- Contractors	9	78%	6	83%								
116	- Service Providers	9	78%	6	83%								
117	- Suppliers	9	67%	6	67%								
118	- Others	9	67%	6	67%								
119	Green Roof	33	30%	19	21%	14	43%	6	17%	8	0%	18	44%
120	Beekeeping	33	0%	19	0%	14	0%	6	0%	8	0%	18	0%
121	Low or Zero VOC Paints	33	79%	19	84%	14	71%	6	50%	8	88%	18	89%
122	HVAC Filters Routinely Checked	33	91%	19	95%	14	86%	6	67%	8	88%	18	100%
123	Building Re-commissioning	32	41%	18	50%	14	29%	6	0%	7	71%	17	47%
124	Air Purification System	32	72%	18	67%	14	79%	5	40%	8	75%	18	83%
125	Vegan & Vegetarian Menu Options	33	73%	19	84%	14	57%	6	17%	8	100%	18	83%
126	Sustainable Seafood Purchasing Policy	33	58%	19	84%	14	21%	6	17%	8	88%	18	61%
127	≥75% Seafood Purchased Sustainably Certified	33	30%	19	37%	14	21%	6	17%	8	38%	18	33%
128	≥75% F&B Purchases Are Fair Trade Items	30	37%	17	41%	13	31%	6	17%	6	33%	17	47%
129	Evaluate Suppliers in Human Rights Areas	33	42%	19	58%	14	21%						

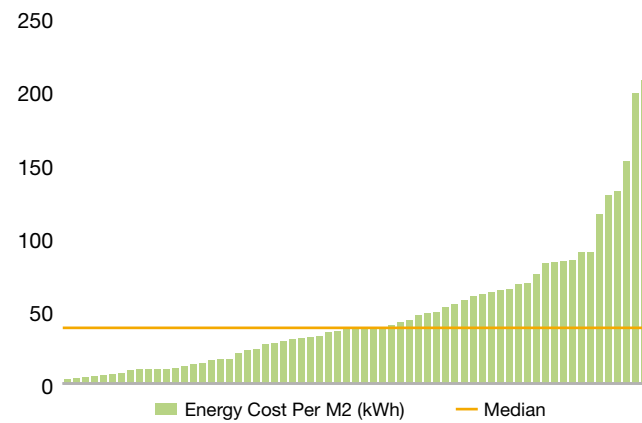


Malaysia

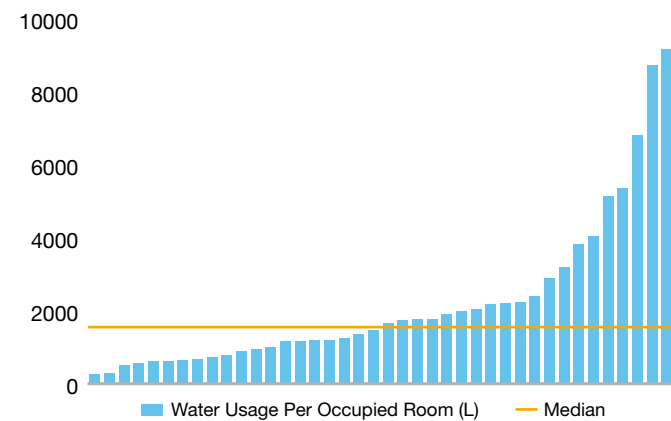
Energy Usage Per Square Metre (kWh)



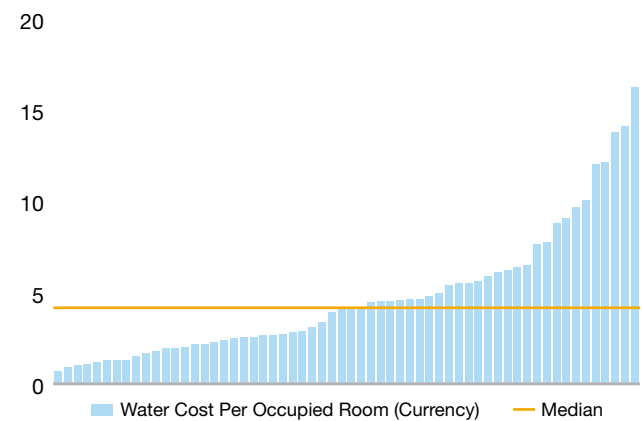
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Malaysia	Energy (KWh)				Water (L)				GHG (KgCO2e)		
	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	
All	Count	45	49	65	69	45	40	54	60	45	49
	High	722	663	207	299	10,412	9,167	15	16	444	437
	Mean	180	159	48	73	2,214	2,206	4	5	102	96
	Q3	210	206	64	91	2,397	2,275	5	6	124	126
	Median	138	121	38	47	1,491	1,552	3	4	86	71
	Q1	104	73	16	31	1,126	849	2	2	69	46
	Low	45	23	3	9	355	252	1	1	18	12
Full Service	Count	38	42	55	60	37	35	46	52	38	42
	High	722	663	207	299	10,412	9,167	15	16	444	437
	Mean	187	174	50	79	2,402	2,436	4	5	107	105
	Q3	209	224	66	95	2,550	2,649	5	6	126	132
	Median	148	143	38	55	1,796	1,753	3	4	91	84
	Q1	104	77	15	35	1,248	1,166	2	3	69	51
	Low	45	23	3	9	355	252	1	1	18	12
Limited Service	Count	7	7	10	9	8	5	8	8	7	7
	High	241	114	68	42	3,774	664	8	5	86	63
	Mean	145	73	38	28	1,348	593	3	2	75	43
	Q3	174	92	51	36	1,394	620	3	2	85	53
	Median	128	73	41	28	1,032	605	2	1	78	45
	Q1	113	50	26	23	791	566	1	1	74	33
	Low	69	37	7	11	579	509	1	1	45	25
Extended Stay	Count	8	10	11	11	8	6	9	11	8	10
	High	241	309	207	113	3,774	991	8	12	125	205
	Mean	143	126	71	43	1,296	708	3	4	78	75
	Q3	194	109	79	44	1,461	823	3	4	85	64
	Median	122	92	52	36	935	651	2	2	77	59
	Q1	101	79	38	31	689	584	2	2	67	48
	Low	65	37	10	11	476	509	1	1	43	25
Resort - Year Round	Count	14	15	23	26	15	13	19	21	14	15
	High	299	663	116	299	10,412	9,167	15	16	186	437
	Mean	156	223	34	93	3,255	4,361	4	7	90	139
	Q3	203	327	55	136	3,317	5,356	5	9	108	185
	Median	132	166	21	60	1,882	3,825	3	6	79	110
	Q1	102	93	11	37	1,425	2,039	2	5	58	59
	Low	45	25	4	9	433	1,648	1	1	18	12
Non-Resort	Count	23	24	31	32	22	21	26	28	23	24
	High	722	311	199	257	5,124	2,408	11	10	444	187
	Mean	208	134	50	67	1,839	1,299	3	3	117	78
	Q3	217	175	63	87	1,902	1,753	5	5	131	95
	Median	154	123	40	50	1,524	1,202	3	3	102	71
	Q1	120	71	26	30	1,185	767	2	2	73	45
	Low	61	23	3	9	355	252	1	1	40	15

MALAYSIA

Malaysia		All		Full Service		Limited Service		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	87	76%	76	75%	11	82%	5	80%	12	58%	32	81%	43	77%
2	Reuse Program Opt Out	66	0%	57	0%	9	0%			8	0%	26	0%	32	0%
3	≥75% LED Lighting	88	76%	77	81%	11	45%	5	100%	12	42%	32	78%	44	84%
4	Variable Frequency Drives	87	69%	76	70%	11	64%	5	60%	12	25%	31	68%	44	82%
5	- Main Air Handling Units	65	69%	55	75%	10	40%			8	13%	21	71%	36	81%
6	- Kitchen Hoods	65	58%	55	58%	10	60%			8	38%	21	62%	36	61%
7	- Elevators	64	67%	54	70%	10	50%			8	38%	20	80%	36	67%
8	- Water Pumps	65	72%	55	75%	10	60%			8	25%	21	90%	36	72%
9	- Refrigeration Units	65	46%	55	49%	10	30%			8	13%	21	67%	36	42%
10	- Other	62	44%	52	46%	10	30%			8	13%	20	60%	34	41%
11	Renewable Energy Generation	85	6%	74	7%	11	0%	5	0%	11	0%	30	3%	44	9%
12	- Solar Thermal	15	7%	11	9%					7	0%			7	14%
13	- Solar PV	15	20%	11	27%					7	0%			7	43%
14	- Wind Power	15	7%	11	9%					7	0%			7	14%
15	- Geothermal	15	7%	11	9%					7	0%			7	14%
16	- Hydroelectric	15	7%	11	9%					7	0%			7	14%
17	- Cogeneration	15	7%	11	9%					7	0%			7	14%
18	- Heat Pump	14	14%	10	20%					7	0%			6	33%
19	- Other Renewable Energy	15	20%	11	27%					7	0%			7	43%
20	Carbon Offset or REC Purchase	84	4%	74	4%	10	0%	5	0%	11	0%	30	0%	43	7%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	83	8%	72	10%	11	0%	5	0%	11	0%	30	17%	42	5%
22	≥75% Guestrooms Have Digital Thermostats	85	62%	74	62%	11	64%	5	40%	11	27%	30	63%	44	70%
23	≥75% Guestrooms Have Occupancy Sensor	82	33%	71	35%	11	18%	5	40%	11	0%	30	33%	41	41%
24	≥75% Bathroom Occupancy Sensors	82	20%	71	18%	11	27%	5	40%	11	0%	29	21%	42	24%
25	≥75% Meeting Room Digital Thermostats	83	60%	72	64%	11	36%	5	40%	11	27%	29	72%	43	60%
26	≥75% Meeting Room Occupancy Sensor	81	15%	70	16%	11	9%	5	0%	11	0%	28	18%	42	17%
27	High Efficiency Boilers	83	39%	72	42%	11	18%	5	20%	11	27%	29	38%	43	42%
28	High Efficiency Chillers	83	60%	72	61%	11	55%	5	60%	11	18%	29	69%	43	65%
29	Energy Sub-metering	85	51%	74	53%	11	36%	5	40%	11	27%	30	47%	44	59%
30	- Fitness Facility	49	27%	43	26%	6	33%			8	13%	14	29%	27	30%
31	- F&B Facilities	49	61%	43	65%	6	33%			8	13%	14	71%	27	70%
32	- Guestrooms	49	35%	43	35%	6	33%			8	13%	14	21%	27	48%
33	- Public Spaces	49	53%	43	53%	6	50%			8	13%	14	50%	27	67%
34	- Other	46	37%	40	40%	6	17%			8	13%	14	43%	24	42%
35	Energy Tracking	85	96%	74	96%	11	100%	5	100%	11	91%	30	97%	44	98%
36	Benchmark Energy Performance	84	44%	73	47%	11	27%	5	60%	11	36%	30	57%	43	37%
37	Energy Audit	83	34%	72	33%	11	36%	5	20%	11	36%	29	41%	43	28%
38	Recover Waste Heat For Reuse	83	8%	72	8%	11	9%	5	0%	11	0%	29	10%	43	9%
39	- Kitchen	14	29%	9	33%	5	20%			7	0%				
40	- Laundry	14	29%	9	44%	5	0%			7	0%				
41	- Guestrooms	14	36%	9	44%	5	20%			7	0%				
42	- Generator	14	29%	9	33%	5	20%			7	0%				
43	- Exhaust Air	14	29%	9	33%	5	20%			7	0%				
44	- Gray Water	14	21%	9	33%	5	0%			7	0%				
45	- Others	14	7%	9	11%	5	0%			7	0%				

MALAYSIA

Malaysia		All		Full Service		Limited Service		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	85	19%	75	21%	10	0%	5	20%	10	0%	32	28%	43	16%
47	Recycling Bins in Common Areas	83	71%	72	76%	11	36%	5	60%	11	55%	29	79%	43	70%
48	Recycling Bins in Guestrooms	81	15%	70	16%	11	9%			11	27%	27	11%	43	14%
49	Bulk Shampoo Dispenser	83	30%	72	28%	11	45%	5	20%	11	18%	29	28%	43	35%
50	Waste & Recyclables Tracking	79	44%	68	43%	11	55%			10	50%	27	41%	42	45%
51	Donate Leftover Bathroom Amenities	84	30%	73	27%	11	45%	5	60%	11	18%	29	28%	44	34%
52	Food Waste Disposal	76	41%	67	43%	9	22%			11	9%	27	41%	38	50%
53	- Landfill/Incinerator	38	45%	32	50%	6	17%			8	13%	11	64%	19	47%
54	- On-site Waste Digester Machine	38	11%	32	13%	6	0%			8	0%	11	18%	19	11%
55	- On-site compost	38	21%	32	19%	6	33%			8	0%	11	27%	19	26%
56	- Off-site Compost/Organic Waste Treatment Facility	38	16%	32	16%	6	17%			8	0%	11	18%	19	21%
57	- Off-site Animal Feed	38	11%	32	13%	6	0%			8	0%	11	9%	19	16%
58	- Others	37	11%	31	13%	6	0%			8	0%	11	9%	18	17%
59	Waste Audit	82	23%	71	25%	11	9%	5	0%	11	9%	29	31%	42	21%
60	Measure Food Waste Generated	81	42%	70	47%	11	9%			11	9%	27	52%	43	44%
61	Donate Excess Food	81	19%	71	20%	10	10%	5	40%	10	10%	29	17%	42	21%
62	Excess Food Not Donated	58	0%	52	0%	6	0%			9	0%	24	0%	25	0%
63	Food Waste Prevention Strategies	81	37%	70	37%	11	36%	5	60%	11	27%	28	43%	42	36%
64	- Training	53	42%	43	42%	10	40%			10	30%	19	26%	24	58%
65	- Adjust Portion Size	53	40%	43	44%	10	20%			10	30%	19	42%	24	42%
66	- Redesign Menu	53	47%	43	53%	10	20%			10	10%	19	58%	24	54%
67	- Change Size of Serving Vessels	53	43%	43	47%	10	30%			10	20%	19	58%	24	42%
68	- Others	50	24%	40	28%	10	10%			10	10%	19	32%	21	24%
69	Water Filtration/Hydration Station	81	62%	70	60%	11	73%	5	60%	11	82%	28	64%	42	55%
70	- Guestrooms	50	66%	41	68%	9	56%			10	80%	18	61%	22	64%
71	- Meeting Facilities	50	60%	41	61%	9	56%			10	50%	18	44%	22	77%
72	- F&B Facilities	50	80%	41	88%	9	44%			10	60%	18	78%	22	91%
73	- Fitness Facilities	50	62%	41	61%	9	67%			10	70%	18	61%	22	59%
74	Plan to Eliminate Single-use Plastics	79	59%	68	56%	11	82%	5	40%	11	82%	28	61%	40	53%
75	- Guestrooms	52	48%	42	45%	10	60%			10	70%	19	26%	23	57%
76	- F&B Facilities	52	46%	42	50%	10	30%			10	50%	19	42%	23	48%
77	- Other Guest-facing Facilities	52	52%	42	57%	10	30%			10	30%	19	58%	23	57%
78	- Back of House	52	52%	42	50%	10	60%			10	60%	19	58%	23	43%
79	Eliminate Single-use Plastics	79	41%	68	37%	11	64%	5	20%	10	70%	28	39%	41	34%
80	≥75% Automatic Sensors Touchless Faucets	81	14%	70	16%	11	0%	5	20%	11	0%	28	21%	42	12%
81	≥75% Low-flow Toilets	82	60%	71	62%	11	45%	5	60%	11	27%	28	57%	43	70%
82	≥75% Faucets with Low-flow Aerators	81	48%	70	47%	11	55%	5	20%	11	36%	28	39%	42	57%
83	≥75% Low-flow Shower-head	82	52%	71	52%	11	55%	5	20%	11	18%	28	54%	43	60%
84	Water Tracking	81	93%	70	93%	11	91%	5	100%	11	82%	28	86%	42	100%
85	Reuse Gray-Water	81	7%	70	9%	11	0%	5	0%	11	0%	28	14%	42	5%
86	Water Submetering	82	39%	71	39%	11	36%	5	40%	11	27%	28	43%	43	40%
87	- Guestrooms	37	32%	30	33%	7	29%			7	14%	13	38%	17	35%
88	- F&B Facilities	37	51%	30	63%	7	0%			7	0%	13	54%	17	71%
89	- Fitness Facilities	36	17%	29	21%	7	0%			7	0%	13	31%	16	13%
90	- Swimming Pool	37	49%	30	50%	7	43%			7	0%	13	54%	17	65%
91	- Landscaping	36	25%	29	24%	7	29%			7	0%	13	38%	16	25%
92	- Others	35	29%	28	36%	7	0%			7	0%	13	38%	15	33%

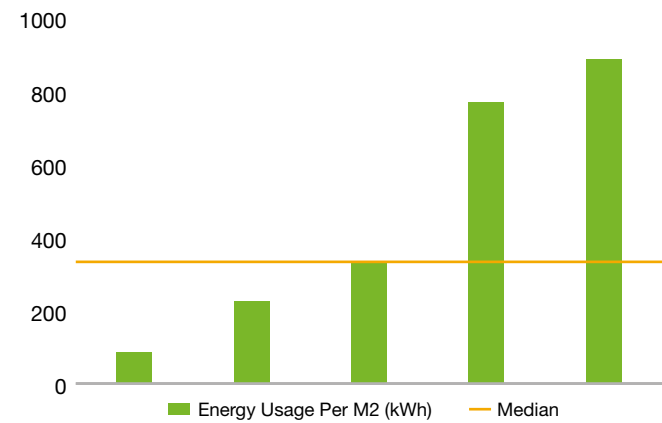
MALAYSIA

Malaysia		All		Full Service		Limited Service		Suburban		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	81	20%	70	20%	11	18%	5	60%	11	0%	28	32%	42	17%
94	Smart Irrigation System	78	9%	67	10%	11	0%	5	0%	11	0%	28	7%	39	13%
95	Preventive Maintenance Plan	82	96%	71	97%	11	91%	5	80%	11	82%	28	96%	43	100%
96	Sustainability Policy	79	73%	68	75%	11	64%	5	60%	11	45%	28	75%	40	80%
97	Sustainability Efforts on Website	77	45%	66	44%	11	55%	5	40%	11	18%	28	39%	38	58%
98	Sustainability Champion	79	53%	68	53%	11	55%	5	60%	11	27%	28	50%	40	63%
99	Sustainability Team	78	41%	67	43%	11	27%	5	20%	11	18%	28	46%	39	44%
100	Sustainability Team Budget	78	36%	67	37%	11	27%	5	60%	11	18%	28	39%	39	38%
101	Staff Training on Sustainability	79	68%	68	69%	11	64%	5	80%	11	27%	28	79%	40	73%
102	Employee Volunteering Opportunities During Work Hours	79	76%	68	76%	11	73%	5	80%	11	55%	28	89%	40	73%
103	Staff Recognition	79	39%	68	41%	11	27%	5	40%	11	18%	28	32%	40	50%
104	Staff Feedback Process	79	52%	68	54%	11	36%	5	60%	11	36%	28	57%	40	53%
105	Green Certified Cleaning Products	77	57%	66	58%	11	55%	5	40%	11	45%	26	42%	40	70%
106	Sustainability Initiatives Communication in Guestrooms	79	62%	68	62%	11	64%	5	60%	11	55%	28	57%	40	68%
107	Involve Guests to Support Sustainability Initiatives	77	51%	66	50%	11	55%	5	40%	11	45%	28	57%	38	47%
108	Reward Program for Sustainable Guests	78	17%	67	18%	11	9%	5	20%	11	18%	27	19%	40	15%
109	≥75% Guest Asking About Carbon Offsetting	74	3%	63	3%	11	0%	5	0%	11	0%	28	4%	35	3%
110	≥75% Guests Asking About Sustainability Initiatives	73	3%	62	3%	11	0%	5	0%	11	0%	28	4%	34	3%
111	3rd-party Certification	78	23%	67	25%	11	9%	5	20%	11	9%	28	25%	39	26%
112	Carbon Footprint Measured	77	26%	66	30%	11	0%	5	20%	11	9%	27	22%	39	33%
113	Local Procurement Policy	75	65%	64	72%	11	27%	5	60%	11	36%	28	75%	36	67%
114	Sustainability-specific Procurement Requirements	72	40%	61	46%	11	9%	5	40%	11	9%	28	50%	33	42%
115	- Contractors	36	67%	31	77%	5	0%			8	13%	14	93%	14	71%
116	- Service Providers	36	72%	31	81%	5	20%			8	13%	14	86%	14	93%
117	- Suppliers	36	81%	31	90%	5	20%			8	13%	14	100%	14	100%
118	- Others	36	50%	31	58%	5	0%			8	0%	14	79%	14	50%
119	Green Roof	78	23%	67	22%	11	27%	5	20%	11	36%	28	21%	39	21%
120	Beekeeping	77	3%	66	3%	11	0%	5	0%	11	0%	28	4%	38	3%
121	Low or Zero VOC Paints	81	59%	70	60%	11	55%	5	60%	11	45%	28	57%	42	64%
122	HVAC Filters Routinely Checked	82	93%	71	94%	11	82%	5	60%	11	82%	28	89%	43	98%
123	Building Re-commissioning	79	39%	68	43%	11	18%	5	60%	11	9%	27	41%	41	46%
124	Air Purification System	78	44%	67	42%	11	55%	5	20%	11	27%	28	39%	39	51%
125	Vegan & Vegetarian Menu Options	78	79%	67	84%	11	55%	5	60%	11	73%	28	86%	39	77%
126	Sustainable Seafood Purchasing Policy	75	51%	64	56%	11	18%	5	20%	11	18%	26	58%	38	55%
127	≥75% Seafood Purchased Sustainably Certified	74	32%	63	37%	11	9%	5	60%	11	0%	26	50%	37	30%
128	≥75% F&B Purchases Are Fair Trade Items	72	33%	61	38%	11	9%	5	40%	11	18%	28	46%	33	27%
129	Evaluate Suppliers in Human Rights Areas	77	42%	66	45%	11	18%	5	80%						

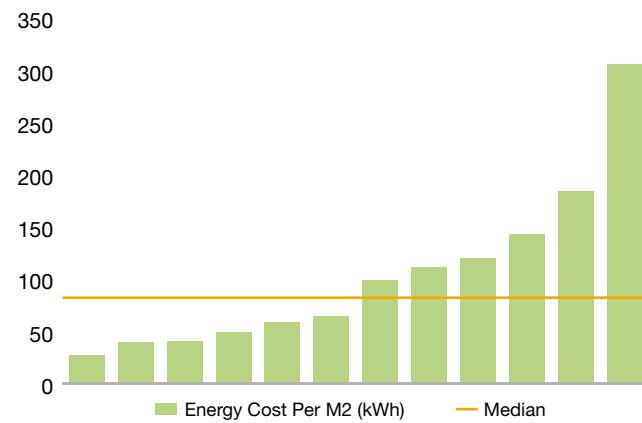
Maldives



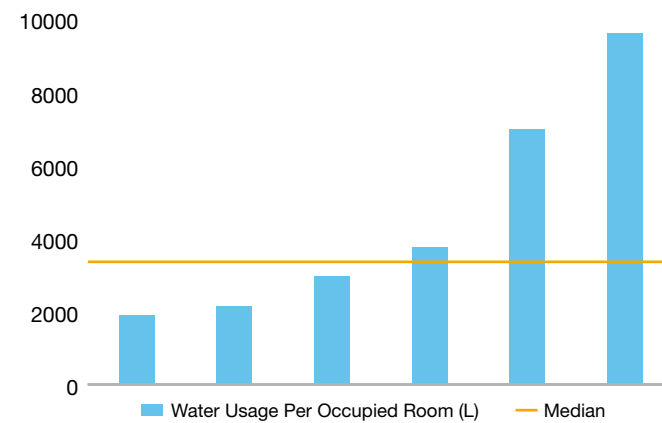
Energy Usage Per Square Metre (kWh)



Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Maldives	Energy (KWh)				Water (L)				GHG (KgCO2e)		
	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	
All	Count	5		12	17	6	6			5	
	High	888		306	266	9,072	9,617			262	
	Mean	461		104	95	4,015	4,565			148	
	Q3	769		126	127	5,673	6,185			249	
	Median	333		82	70	3,050	3,358			125	
	Q1	226		47	47	1,978	2,357			85	
	Low	86		27	13	751	1,908			18	
Full Service	Count	5		12	17	6	6			5	
	High	888		306	266	9,072	9,617			262	
	Mean	461		104	95	4,015	4,565			148	
	Q3	769		126	127	5,673	6,185			249	
	Median	333		82	70	3,050	3,358			125	
	Q1	226		47	47	1,978	2,357			85	
	Low	86		27	13	751	1,908			18	
Small Metro/Town	Count				7						
	High				266						
	Mean				109						
	Q3				155						
	Median				70						
	Q1				50						
	Low				13						
Resort – Year Round	Count	5		12	17	6	6			5	
	High	888		306	266	9,072	9,617			262	
	Mean	461		104	95	4,015	4,565			148	
	Q3	769		126	127	5,673	6,185			249	
	Median	333		82	70	3,050	3,358			125	
	Q1	226		47	47	1,978	2,357			85	
	Low	86		27	13	751	1,908			18	

MALDIVES

Maldives		All		Full Service		Small Metro/Town		Resort – Year Round	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	18	78%	18	78%	8	63%	18	78%
2	Reuse Program Opt Out	14	0%	14	0%	5	0%	14	0%
3	≥75% LED Lighting	20	90%	20	90%	9	89%	20	90%
4	Variable Frequency Drives	19	68%	19	68%	9	67%	19	68%
5	- Main Air Handling Units	12	50%	12	50%	6	50%	12	50%
6	- Kitchen Hoods	13	62%	13	62%	6	50%	13	62%
7	- Elevators	12	8%	12	8%	6	0%	12	8%
8	- Water Pumps	13	85%	13	85%	6	100%	13	85%
9	- Refrigeration Units	12	58%	12	58%	6	50%	12	58%
10	- Other	13	46%	13	46%	6	67%	13	46%
11	Renewable Energy Generation	20	40%	20	40%	9	33%	20	40%
12	- Solar Thermal	8	25%	8	25%			8	25%
13	- Solar PV	8	75%	8	75%			8	75%
14	- Wind Power	8	13%	8	13%			8	13%
15	- Geothermal	8	13%	8	13%			8	13%
16	- Hydroelectric	8	13%	8	13%			8	13%
17	- Cogeneration	8	13%	8	13%			8	13%
18	- Heat Pump	8	13%	8	13%			8	13%
19	- Other Renewable Energy	8	25%	8	25%			8	25%
20	Carbon Offset or REC Purchase	17	12%	17	12%	9	11%	17	12%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	17	6%	17	6%	8	0%	17	6%
22	≥75% Guestrooms Have Digital Thermostats	17	47%	17	47%	8	38%	17	47%
23	≥75% Guestrooms Have Occupancy Sensor	17	18%	17	18%	8	13%	17	18%
24	≥75% Bathroom Occupancy Sensors	17	0%	17	0%	8	0%	17	0%
25	≥75% Meeting Room Digital Thermostats	17	6%	17	6%	8	0%	17	6%
26	≥75% Meeting Room Occupancy Sensor	17	6%	17	6%	8	0%	17	6%
27	High Efficiency Boilers	17	59%	17	59%	8	50%	17	59%
28	High Efficiency Chillers	17	47%	17	47%	8	25%	17	47%
29	Energy Sub-metering	20	75%	20	75%	9	78%	20	75%
30	- Fitness Facility	15	73%	15	73%	7	57%	15	73%
31	- F&B Facilities	15	87%	15	87%	7	86%	15	87%
32	- Guestrooms	15	87%	15	87%	7	100%	15	87%
33	- Public Spaces	15	100%	15	100%	7	100%	15	100%
34	- Other	13	77%	13	77%	6	83%	13	77%
35	Energy Tracking	18	100%	18	100%	9	100%	18	100%
36	Benchmark Energy Performance	17	76%	17	76%	8	75%	17	76%
37	Energy Audit	17	59%	17	59%	8	63%	17	59%
38	Recover Waste Heat For Reuse	17	53%	17	53%	8	63%	17	53%
39	- Kitchen	9	22%	9	22%	5	20%	9	22%
40	- Laundry	9	44%	9	44%	5	40%	9	44%
41	- Guestrooms	9	44%	9	44%	5	60%	9	44%
42	- Generator	9	89%	9	89%	5	80%	9	89%
43	- Exhaust Air	9	0%	9	0%	5	0%	9	0%
44	- Gray Water	9	44%	9	44%	5	40%	9	44%
45	- Others	7	29%	7	29%			7	29%

MALDIVES

Maldives		All		Full Service		Small Metro/Town		Resort – Year Round	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	20	85%	20	85%	9	89%	20	85%
47	Recycling Bins in Common Areas	19	95%	19	95%	8	100%	19	95%
48	Recycling Bins in Guestrooms	19	63%	19	63%	8	38%	19	63%
49	Bulk Shampoo Dispenser	19	68%	19	68%	8	75%	19	68%
50	Waste & Recyclables Tracking	19	95%	19	95%	8	100%	19	95%
51	Donate Leftover Bathroom Amenities	18	28%	18	28%	8	25%	18	28%
52	Food Waste Disposal	19	95%	19	95%	8	88%	19	95%
53	- Landfill/Incinerator	18	39%	18	39%	7	43%	18	39%
54	- On-site Waste Digester Machine	18	33%	18	33%	7	43%	18	33%
55	- On-site compost	18	17%	18	17%	7	14%	18	17%
56	- Off-site Compost/Organic Waste Treatment Facility	18	39%	18	39%	7	29%	18	39%
57	- Off-site Animal Feed	18	28%	18	28%	7	29%	18	28%
58	- Others	16	56%	16	56%	6	50%	16	56%
59	Waste Audit	19	58%	19	58%	8	50%	19	58%
60	Measure Food Waste Generated	18	78%	18	78%	7	86%	18	78%
61	Donate Excess Food	15	20%	15	20%	6	17%	15	20%
62	Excess Food Not Donated	10	0%	10	0%			10	0%
63	Food Waste Prevention Strategies	16	56%	16	56%	7	71%	16	56%
64	- Training	10	70%	10	70%	5	60%	10	70%
65	- Adjust Portion Size	10	70%	10	70%	5	60%	10	70%
66	- Redesign Menu	10	70%	10	70%	5	80%	10	70%
67	- Change Size of Serving Vessels	10	50%	10	50%	5	40%	10	50%
68	- Others	10	50%	10	50%	5	60%	10	50%
69	Water Filtration/Hydration Station	17	65%	17	65%	8	50%	17	65%
70	- Guestrooms	11	36%	11	36%			11	36%
71	- Meeting Facilities	11	27%	11	27%			11	27%
72	- F&B Facilities	11	91%	11	91%			11	91%
73	- Fitness Facilities	11	45%	11	45%			11	45%
74	Plan to Eliminate Single-use Plastics	18	100%	18	100%	8	100%	18	100%
75	- Guestrooms	12	75%	12	75%	6	67%	12	75%
76	- F&B Facilities	12	75%	12	75%	6	67%	12	75%
77	- Other Guest-facing Facilities	12	75%	12	75%	6	83%	12	75%
78	- Back of House	12	58%	12	58%	6	50%	12	58%
79	Eliminate Single-use Plastics	17	59%	17	59%	8	63%	17	59%
80	≥75% Automatic Sensors Touchless Faucets	17	0%	17	0%	8	0%	17	0%
81	≥75% Low-flow Toilets	17	71%	17	71%	8	75%	17	71%
82	≥75% Faucets with Low-flow Aerators	17	65%	17	65%	8	63%	17	65%
83	≥75% Low-flow Shower-head	17	82%	17	82%	8	88%	17	82%
84	Water Tracking	17	100%	17	100%	8	100%	17	100%
85	Reuse Gray-Water	17	71%	17	71%	8	88%	17	71%
86	Water Submetering	17	82%	17	82%	8	75%	17	82%
87	- Guestrooms	15	93%	15	93%	6	83%	15	93%
88	- F&B Facilities	15	100%	15	100%	6	100%	15	100%
89	- Fitness Facilities	14	71%	14	71%	6	67%	14	71%
90	- Swimming Pool	15	87%	15	87%	6	100%	15	87%
91	- Landscaping	15	53%	15	53%	6	33%	15	53%
92	- Others	13	85%	13	85%	6	83%	13	85%

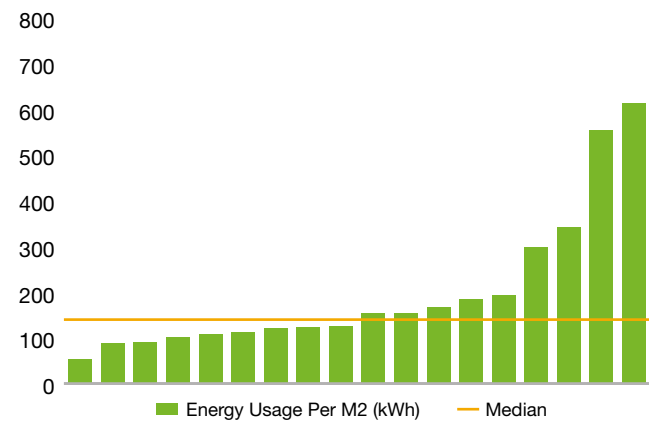
MALDIVES

Maldives		All		Full Service		Small Metro/Town		Resort – Year Round	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	17	76%	17	76%	8	75%	17	76%
94	Smart Irrigation System	16	25%	16	25%	8	38%	16	25%
95	Preventive Maintenance Plan	19	100%	19	100%	8	100%	19	100%
96	Sustainability Policy	19	79%	19	79%	8	88%	19	79%
97	Sustainability Efforts on Website	19	74%	19	74%	8	63%	19	74%
98	Sustainability Champion	19	84%	19	84%	8	63%	19	84%
99	Sustainability Team	19	84%	19	84%	8	63%	19	84%
100	Sustainability Team Budget	18	67%	18	67%	8	50%	18	67%
101	Staff Training on Sustainability	18	94%	18	94%	7	100%	18	94%
102	Employee Volunteering Opportunities During Work Hours	19	84%	19	84%	8	63%	19	84%
103	Staff Recognition	19	68%	19	68%	8	50%	19	68%
104	Staff Feedback Process	19	74%	19	74%	8	50%	19	74%
105	Green Certified Cleaning Products	19	74%	19	74%	8	63%	19	74%
106	Sustainability Initiatives Communication in Guestrooms	19	79%	19	79%	8	63%	19	79%
107	Involve Guests to Support Sustainability Initiatives	19	74%	19	74%	8	63%	19	74%
108	Reward Program for Sustainable Guests	19	21%	19	21%	8	0%	19	21%
109	≥75% Guest Asking About Carbon Offsetting	16	6%	16	6%	7	0%	16	6%
110	≥75% Guests Asking About Sustainability Initiatives	17	12%	17	12%	8	13%	17	12%
111	3rd-party Certification	18	56%	18	56%	8	50%	18	56%
112	Carbon Footprint Measured	18	39%	18	39%	8	50%	18	39%
113	Local Procurement Policy	18	89%	18	89%	8	75%	18	89%
114	Sustainability-specific Procurement Requirements	18	67%	18	67%	8	50%	18	67%
115	- Contractors	12	100%	12	100%			12	100%
116	- Service Providers	12	100%	12	100%			12	100%
117	- Suppliers	12	100%	12	100%			12	100%
118	- Others	12	75%	12	75%			12	75%
119	Green Roof	18	39%	18	39%	8	50%	18	39%
120	Beekeeping	17	6%	17	6%	8	0%	17	6%
121	Low or Zero VOC Paints	18	67%	18	67%	8	38%	18	67%
122	HVAC Filters Routinely Checked	17	100%	17	100%	8	100%	17	100%
123	Building Re-commissioning	17	53%	17	53%	8	63%	17	53%
124	Air Purification System	18	39%	18	39%	8	25%	18	39%
125	Vegan & Vegetarian Menu Options	17	100%	17	100%	8	100%	17	100%
126	Sustainable Seafood Purchasing Policy	18	89%	18	89%	8	88%	18	89%
127	≥75% Seafood Purchased Sustainably Certified	15	60%	15	60%	6	50%	15	60%
128	≥75% F&B Purchases Are Fair Trade Items	13	54%	13	54%	5	40%	13	54%
129	Evaluate Suppliers in Human Rights Areas	17	71%	17	71%	7	57%		

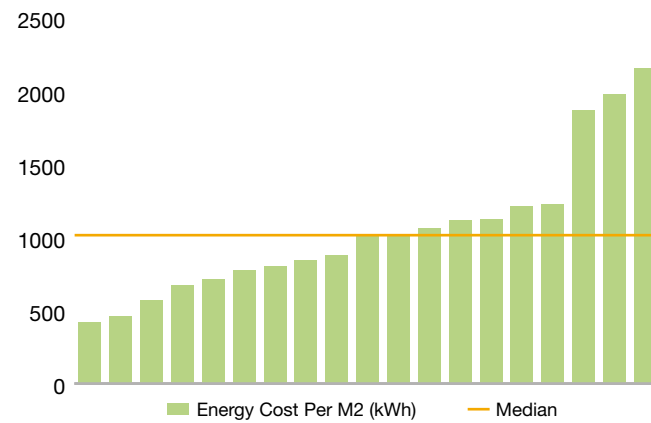


Philippines

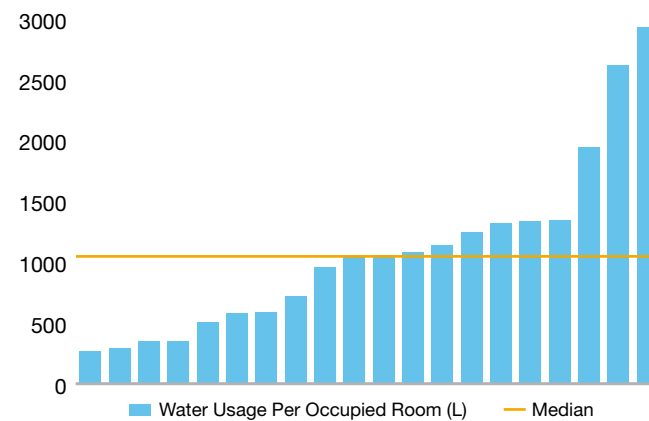
Energy Usage Per Square Metre (kWh)



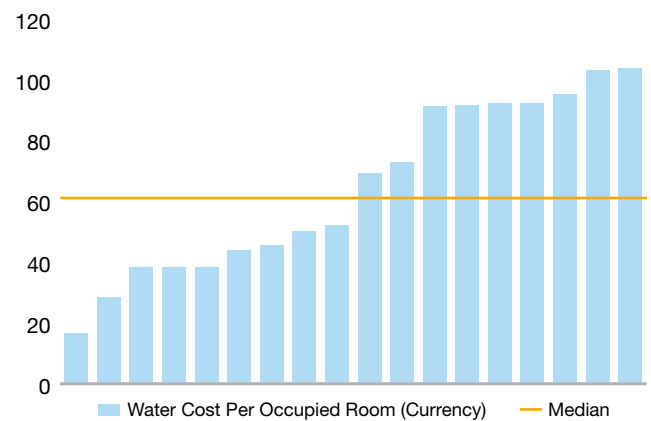
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Philippines		Energy (KWh)				Water (L)				GHG (KgCO2e)	
		Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR
All	Count	18	19	19	21	21	20	18	18	18	19
	High	614	426	2,160	1,001	4,789	2,929	277	104	374	264
	Mean	199	138	1,050	515	1,743	1,081	144	65	103	72
	Q3	192	181	1,169	741	2,191	1,323	196	92	114	80
	Median	140	83	1,015	451	1,337	1,046	132	61	81	53
	Q1	109	61	747	297	900	557	90	40	63	33
	Low	54	27	419	169	286	270	42	17	14	4
Full Service	Count	13	16	14	16	16	17	14	14	13	16
	High	614	426	2,160	1,001	4,789	2,929	277	104	177	264
	Mean	201	155	1,064	573	1,943	1,219	148	68	101	82
	Q3	194	212	1,189	790	2,596	1,332	205	92	118	85
	Median	154	110	1,017	525	1,664	1,082	149	71	95	58
	Q1	114	70	794	342	1,031	721	76	40	71	44
	Low	91	49	459	169	711	352	42	17	58	24
Limited Service	Count	5		5	5	5				5	
	High	554		1,982	628	2,189				374	
	Mean	195		1,009	330	1,103				108	
	Q3	154		1,125	408	1,173				69	
	Median	122		805	215	968				50	
	Q1	88		717	208	900				32	
Resort – Year Round	Count	5	5							5	5
	High	342	426							175	264
	Mean	161	237							93	145
	Q3	126	381							85	238
	Median	123	156							77	88
	Q1	114	124							70	84
Non-Resort	Count	11	12	14	16	14	14	12	13	11	12
	High	614	225	2,160	946	3,310	1,938	277	103	177	98
	Mean	186	95	1,161	485	1,758	877	144	61	81	45
	Q3	180	100	1,224	656	2,437	1,218	196	91	101	57
	Median	154	69	1,040	439	1,651	837	114	52	71	42
	Q1	99	56	816	316	1,000	520	85	38	55	30
Low	54	27	571	169	286	270	42	17	14	4	

PHILIPPINES

Philippines		All		Full Service		Limited Service		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	37	59%	20	85%	17	29%	5	80%	28	57%
2	Reuse Program Opt Out	21	0%	16	0%	5	0%			15	0%
3	≥75% LED Lighting	37	65%	20	95%	17	29%	5	100%	28	54%
4	Variable Frequency Drives	37	57%	20	90%	17	18%	5	100%	28	46%
5	- Main Air Handling Units	21	81%	18	78%			5	80%	13	77%
6	- Kitchen Hoods	19	37%	16	38%					12	42%
7	- Elevators	20	45%	17	41%					13	54%
8	- Water Pumps	21	71%	18	72%			5	100%	13	77%
9	- Refrigeration Units	20	20%	17	24%					13	31%
10	- Other	17	41%	14	43%					11	36%
11	Renewable Energy Generation	35	11%	20	5%	15	20%	5	0%	26	15%
12	- Solar Thermal				0%						
13	- Solar PV				0%						
14	- Wind Power				0%						
15	- Geothermal				0%						
16	- Hydroelectric				0%						
17	- Cogeneration				0%						
18	- Heat Pump				100%						
19	- Other Renewable Energy				0%						
20	Carbon Offset or REC Purchase	26	8%	20	10%	6	0%	5	20%	17	6%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	26	12%	20	15%	6	0%	5	20%	17	12%
22	≥75% Guestrooms Have Digital Thermostats	30	80%	20	80%	10	80%	5	100%	21	81%
23	≥75% Guestrooms Have Occupancy Sensor	27	41%	20	45%	7	29%	5	60%	18	39%
24	≥75% Bathroom Occupancy Sensors	24	38%	18	39%	6	33%	5	60%	16	38%
25	≥75% Meeting Room Digital Thermostats	28	46%	20	50%	8	38%	5	40%	19	53%
26	≥75% Meeting Room Occupancy Sensor	26	23%	20	30%	6	0%	5	40%	17	24%
27	High Efficiency Boilers	26	46%	20	50%	6	33%	5	80%	17	41%
28	High Efficiency Chillers	25	68%	19	68%	6	67%			17	65%
29	Energy Sub-metering	26	46%	20	55%	6	17%	5	20%	17	53%
30	- Fitness Facility	12	25%	11	27%					9	22%
31	- F&B Facilities	12	58%	11	55%					9	56%
32	- Guestrooms	12	67%	11	73%					9	78%
33	- Public Spaces	12	58%	11	55%					9	56%
34	- Other	11	73%	10	80%					9	78%
35	Energy Tracking	26	96%	20	100%	6	83%	5	100%	17	94%
36	Benchmark Energy Performance	34	71%	19	58%	15	87%			26	81%
37	Energy Audit	33	52%	18	28%	15	80%			25	56%
38	Recover Waste Heat For Reuse	35	17%	20	25%	15	7%	5	20%	26	19%
39	- Kitchen	6	33%	5	40%					5	40%
40	- Laundry	6	50%	5	40%					5	60%
41	- Guestrooms	6	50%	5	60%					5	60%
42	- Generator	6	33%	5	40%					5	40%
43	- Exhaust Air	6	33%	5	40%					5	40%
44	- Gray Water	6	17%	5	20%					5	0%
45	- Others	6	0%	5	0%					5	0%

PHILIPPINES

Philippines		All		Full Service		Limited Service		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	33	6%	20	10%	13	0%	5	20%	24	4%
47	Recycling Bins in Common Areas	32	88%	20	80%	12	100%	5	80%	23	96%
48	Recycling Bins in Guestrooms	32	38%	20	30%	12	50%	5	20%	23	39%
49	Bulk Shampoo Dispenser	32	44%	20	20%	12	83%	5	20%	23	43%
50	Waste & Recyclables Tracking	32	78%	20	75%	12	83%	5	80%	23	83%
51	Donate Leftover Bathroom Amenities	32	38%	20	50%	12	17%	5	60%	23	39%
52	Food Waste Disposal	29	66%	19	84%	10	30%			21	62%
53	- Landfill/Incinerator	19	79%	16	75%					13	77%
54	- On-site Waste Digester Machine	19	21%	16	19%					13	31%
55	- On-site compost	19	32%	16	31%					13	15%
56	- Off-site Compost/Organic Waste Treatment Facility	19	42%	16	44%					13	54%
57	- Off-site Animal Feed	19	32%	16	31%					13	15%
58	- Others	18	11%	15	7%					13	8%
59	Waste Audit	29	52%	18	44%	11	64%			22	55%
60	Measure Food Waste Generated	30	53%	19	63%	11	36%			22	50%
61	Donate Excess Food	27	22%	19	32%	8	0%			19	21%
62	Excess Food Not Donated	16	0%	12	0%					12	0%
63	Food Waste Prevention Strategies	27	52%	18	61%	9	33%			20	50%
64	- Training	17	88%	14	86%					13	85%
65	- Adjust Portion Size	17	94%	14	93%					13	92%
66	- Redesign Menu	17	88%	14	86%					13	92%
67	- Change Size of Serving Vessels	17	82%	14	86%					13	85%
68	- Others	16	63%	13	54%					13	69%
69	Water Filtration/Hydration Station	24	46%	18	61%	6	0%			17	35%
70	- Guestrooms	11	45%	11	45%					6	33%
71	- Meeting Facilities	11	64%	11	64%					6	67%
72	- F&B Facilities	11	91%	11	91%					6	100%
73	- Fitness Facilities	11	36%	11	36%					6	33%
74	Plan to Eliminate Single-use Plastics	26	85%	20	85%	6	83%	5	60%	17	94%
75	- Guestrooms	17	88%	14	86%					13	85%
76	- F&B Facilities	17	94%	14	93%					13	92%
77	- Other Guest-facing Facilities	17	88%	14	86%					13	92%
78	- Back of House	17	82%	14	86%					13	85%
79	Eliminate Single-use Plastics	25	24%	19	21%	6	33%			17	29%
80	≥75% Automatic Sensors Touchless Faucets	31	29%	20	15%	11	55%	5	20%	22	32%
81	≥75% Low-flow Toilets	31	74%	20	80%	11	64%	5	80%	22	73%
82	≥75% Faucets with Low-flow Aerators	30	77%	19	84%	11	64%	5	80%	21	71%
83	≥75% Low-flow Shower-head	26	77%	20	85%	6	50%	5	80%	17	71%
84	Water Tracking	29	86%	19	100%	10	60%	5	100%	20	80%
85	Reuse Gray-Water	30	13%	19	21%	11	0%	5	40%	21	10%
86	Water Submetering	29	52%	20	65%	9	22%	5	60%	20	50%
87	- Guestrooms	18	39%	16	38%			5	40%	11	36%
88	- F&B Facilities	18	61%	16	63%			5	60%	11	55%
89	- Fitness Facilities	18	22%	16	25%			5	40%	11	18%
90	- Swimming Pool	18	44%	16	50%			5	60%	11	45%
91	- Landscaping	18	22%	16	25%			5	60%	11	9%
92	- Others	18	33%	16	31%			5	20%	11	45%

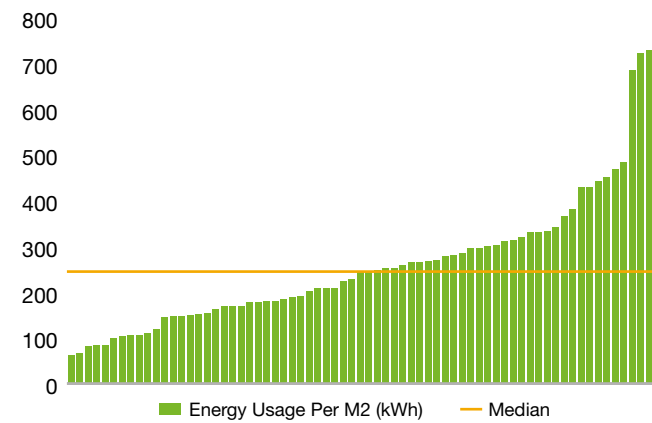
PHILIPPINES

Philippines		All		Full Service		Limited Service		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	28	32%	19	37%	9	22%	5	80%	19	26%
94	Smart Irrigation System	24	8%	18	11%	6	0%			16	13%
95	Preventive Maintenance Plan	30	100%	20	100%	10	100%	5	100%	21	100%
96	Sustainability Policy	30	87%	20	85%	10	90%	5	60%	21	95%
97	Sustainability Efforts on Website	29	62%	19	63%	10	60%			21	71%
98	Sustainability Champion	30	83%	20	80%	10	90%	5	60%	21	95%
99	Sustainability Team	30	70%	20	75%	10	60%	5	40%	21	81%
100	Sustainability Team Budget	27	70%	20	80%	7	43%	5	60%	18	78%
101	Staff Training on Sustainability	30	83%	20	85%	10	80%	5	60%	21	90%
102	Employee Volunteering Opportunities During Work Hours	30	90%	20	90%	10	90%	5	80%	21	95%
103	Staff Recognition	29	62%	20	70%	9	44%	5	60%	20	70%
104	Staff Feedback Process	30	60%	20	75%	10	30%	5	80%	21	57%
105	Green Certified Cleaning Products	28	79%	19	89%	9	56%			20	80%
106	Sustainability Initiatives Communication in Guestrooms	27	67%	19	79%	8	38%	5	60%	18	72%
107	Involve Guests to Support Sustainability Initiatives	28	68%	19	74%	9	56%	5	80%	19	74%
108	Reward Program for Sustainable Guests	28	18%	18	28%	10	0%			20	20%
109	≥75% Guest Asking About Carbon Offsetting	25	8%	16	13%	9	0%			20	0%
110	≥75% Guests Asking About Sustainability Initiatives	27	7%	18	11%	9	0%			20	0%
111	3rd-party Certification	25	36%	19	42%	6	17%	5	0%	17	47%
112	Carbon Footprint Measured	29	52%	20	55%	9	44%	5	60%	20	55%
113	Local Procurement Policy	26	100%	18	100%	8	100%			19	100%
114	Sustainability-specific Procurement Requirements	28	64%	19	84%	9	22%			20	60%
115	- Contractors	18	78%	16	75%					12	75%
116	- Service Providers	18	83%	16	81%					12	83%
117	- Suppliers	18	100%	16	100%					12	100%
118	- Others	18	61%	16	56%					12	75%
119	Green Roof	29	24%	20	30%	9	11%	5	20%	20	20%
120	Beekeeping	29	3%	20	5%	9	0%	5	0%	20	5%
121	Low or Zero VOC Paints	28	71%	20	85%	8	38%	5	100%	19	68%
122	HVAC Filters Routinely Checked	28	89%	20	95%	8	75%	5	80%	19	89%
123	Building Re-commissioning	23	35%	18	39%	5	20%			16	38%
124	Air Purification System	26	81%	19	89%	7	57%			18	83%
125	Vegan & Vegetarian Menu Options	28	86%	19	100%	9	56%			20	80%
126	Sustainable Seafood Purchasing Policy	27	56%	18	78%	9	11%			20	50%
127	≥75% Seafood Purchased Sustainably Certified	26	27%	17	35%	9	11%			20	30%
128	≥75% F&B Purchases Are Fair Trade Items	25	40%	17	53%	8	13%			19	42%
129	Evaluate Suppliers in Human Rights Areas	24	83%	17	94%	7	57%				

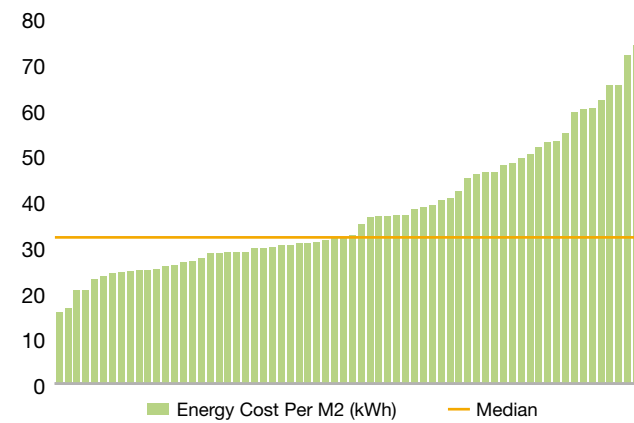


Singapore

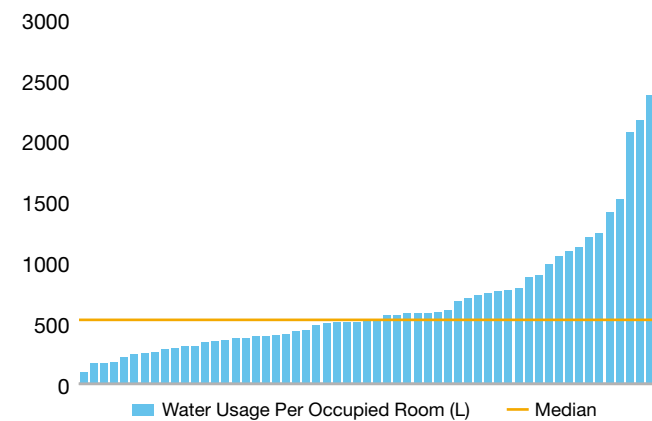
Energy Usage Per Square Metre (kWh)



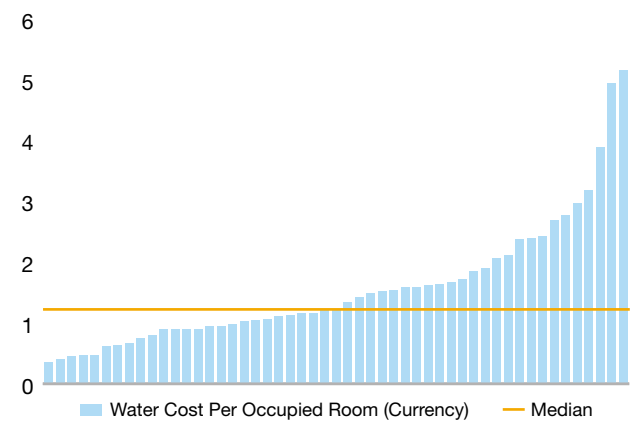
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Singapore		Energy (KWh)				Water (L)				GHG (KgCO2e)	
		Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR
All	Count	69	65	66	75	61	58	52	51	69	65
	High	731	554	74	33	4,828	2,825	12	5	219	199
	Mean	256	97	38	10	2,018	699	5	2	85	33
	Q3	313	100	46	12	2,808	781	7	2	103	34
	Median	245	55	32	8	1,794	524	5	1	81	21
	Q1	163	41	28	5	1,315	363	3	1	59	14
	Low	63	15	16	2	342	97	2	0	24	6
Full Service	Count	58	51	59	65	53	50	50	49	58	51
	High	731	554	74	33	4,828	2,825	12	5	219	199
	Mean	265	112	37	11	2,049	736	5	2	87	38
	Q3	314	138	47	12	2,871	848	7	2	103	43
	Median	250	69	32	8	1,794	562	5	1	87	24
	Q1	171	44	27	6	1,315	374	3	1	66	17
	Low	82	26	16	3	342	167	2	0	30	10
Limited Service	Count	11	14	7	10	8	8			11	14
	High	484	125	65	13	3,392	891			153	21
	Mean	207	43	40	6	1,812	472			69	13
	Q3	257	48	43	8	2,039	576			77	16
	Median	178	39	39	5	1,792	458			63	11
	Q1	126	27	31	4	1,380	324			49	9
	Low	63	15	29	2	685	97			24	6
Extended Stay	Count	14	17	8	15	14	14	7	10	14	17
	High	453	278	59	26	3,436	1,048	11	2	121	55
	Mean	203	83	40	10	1,761	564	6	1	71	25
	Q3	303	100	47	13	2,116	696	9	2	103	34
	Median	169	54	43	11	1,784	489	7	1	64	21
	Q1	90	47	31	4	1,049	403	3	1	35	14
	Low	63	20	16	3	342	220	2	0	24	8
Resort - Year Round	Count	5	5	5				5		5	5
	High	430	365	53				11		137	133
	Mean	324	225	34				5		98	70
	Q3	382	270	37				6		102	85
	Median	282	236	31				4		92	53
	Q1	279	160	26				3		84	43
Non-Resort	Count	50	42	52	55	42	39	39	37	50	42
	High	731	554	74	30	4,828	2,167	12	5	219	199
	Mean	264	86	37	9	2,045	645	5	2	87	31
	Q3	314	75	47	10	2,855	766	6	2	101	27
	Median	227	54	32	7	1,786	531	5	1	80	18
	Q1	171	37	27	5	1,315	308	3	1	64	13
	Low	82	15	16	2	603	97	2	0	30	6

SINGAPORE

Singapore		All		Full Service		Limited Service		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	94	88%	76	88%	18	89%	20	85%	6	100%	66	88%
2	Reuse Program Opt Out	81	0%	66	0%	15	0%	20	0%	6	0%	54	0%
3	≥75% LED Lighting	94	76%	77	81%	17	53%	20	25%	6	100%	66	89%
4	Variable Frequency Drives	93	74%	76	82%	17	41%	20	45%	5	100%	66	80%
5	- Main Air Handling Units	79	82%	66	89%	13	46%	20	30%	5	100%	52	100%
6	- Kitchen Hoods	79	53%	66	59%	13	23%	20	10%	5	80%	52	65%
7	- Elevators	79	67%	66	73%	13	38%	20	35%	5	80%	52	79%
8	- Water Pumps	79	66%	66	71%	13	38%	20	30%	5	100%	52	77%
9	- Refrigeration Units	78	42%	65	45%	13	31%	20	20%	5	60%	51	47%
10	- Other	74	30%	61	34%	13	8%	20	10%	5	40%	47	36%
11	Renewable Energy Generation	93	3%	76	4%	17	0%	20	0%	5	0%	66	5%
12	- Solar Thermal	20	5%	12	8%	8	0%	17	0%				
13	- Solar PV	20	15%	12	25%	8	0%	17	0%				
14	- Wind Power	20	0%	12	0%	8	0%	17	0%				
15	- Geothermal	20	0%	12	0%	8	0%	17	0%				
16	- Hydroelectric	20	0%	12	0%	8	0%	17	0%				
17	- Cogeneration	20	0%	12	0%	8	0%	17	0%				
18	- Heat Pump	20	5%	12	8%	8	0%	17	0%				
19	- Other Renewable Energy	20	0%	12	0%	8	0%	17	0%				
20	Carbon Offset or REC Purchase	94	3%	77	4%	17	0%	20	0%	5	0%	67	4%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	93	18%	77	21%	16	6%	20	10%	5	20%	66	21%
22	≥75% Guestrooms Have Digital Thermostats	93	70%	76	75%	17	47%	20	15%	5	60%	66	86%
23	≥75% Guestrooms Have Occupancy Sensor	92	33%	75	36%	17	18%	20	10%			66	39%
24	≥75% Bathroom Occupancy Sensors	91	23%	74	26%	17	12%	20	5%	5	20%	64	28%
25	≥75% Meeting Room Digital Thermostats	92	59%	75	63%	17	41%	20	10%	5	40%	65	74%
26	≥75% Meeting Room Occupancy Sensor	93	10%	76	12%	17	0%	20	0%	5	20%	66	12%
27	High Efficiency Boilers	92	35%	75	37%	17	24%	20	15%	5	40%	65	40%
28	High Efficiency Chillers	93	53%	76	58%	17	29%	20	20%	5	80%	66	61%
29	Energy Sub-metering	94	73%	77	74%	17	71%	20	80%	5	60%	67	73%
30	- Fitness Facility	71	48%	57	56%	14	14%	18	22%			49	55%
31	- F&B Facilities	71	77%	57	82%	14	57%	18	39%			49	90%
32	- Guestrooms	71	62%	57	61%	14	64%	18	72%			49	55%
33	- Public Spaces	71	66%	57	68%	14	57%	18	56%			49	69%
34	- Other	70	40%	57	44%	13	23%	18	0%			48	54%
35	Energy Tracking	94	96%	77	95%	17	100%	20	100%	5	100%	67	94%
36	Benchmark Energy Performance	94	54%	77	56%	17	47%	20	40%	5	80%	67	55%
37	Energy Audit	92	50%	75	56%	17	24%	20	20%	5	80%	65	57%
38	Recover Waste Heat For Reuse	92	15%	75	19%	17	0%	20	5%	5	20%	65	18%
39	- Kitchen	31	19%	23	26%	8	0%	18	0%			12	50%
40	- Laundry	31	13%	23	17%	8	0%	18	0%			12	25%
41	- Guestrooms	31	19%	23	26%	8	0%	18	0%			12	50%
42	- Generator	31	10%	23	13%	8	0%	18	0%			12	17%
43	- Exhaust Air	31	10%	23	13%	8	0%	18	0%			12	17%
44	- Gray Water	31	3%	23	4%	8	0%	18	0%			12	8%
45	- Others	31	13%	23	17%	8	0%	18	6%			12	25%

SINGAPORE

Singapore		All		Full Service		Limited Service		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	92	17%	75	21%	17	0%	20	10%	5	40%	65	18%
47	Recycling Bins in Common Areas	88	60%	73	66%	15	33%	20	55%	6	67%	60	62%
48	Recycling Bins in Guestrooms	87	21%	72	25%	15	0%	20	15%	6	33%	59	22%
49	Bulk Shampoo Dispenser	88	35%	73	33%	15	47%	20	30%	6	17%	60	38%
50	Waste & Recyclables Tracking	87	67%	72	74%	15	33%	20	25%	6	83%	59	78%
51	Donate Leftover Bathroom Amenities	88	24%	73	27%	15	7%	20	10%	6	50%	60	25%
52	Food Waste Disposal	86	48%	71	55%	15	13%	20	15%	6	33%	58	60%
53	- Landfill/Incinerator	56	39%	46	43%	10	20%	18	11%			35	51%
54	- On-site Waste Digester Machine	56	27%	46	33%	10	0%	18	6%			35	34%
55	- On-site compost	56	4%	46	4%	10	0%	18	0%			35	6%
56	- Off-site Compost/Organic Waste Treatment Facility	56	7%	46	9%	10	0%	18	0%			35	11%
57	- Off-site Animal Feed	56	0%	46	0%	10	0%	18	0%			35	0%
58	- Others	55	7%	46	9%	9	0%	18	0%			34	12%
59	Waste Audit	86	42%	71	46%	15	20%	19	16%	6	33%	59	53%
60	Measure Food Waste Generated	86	34%	71	39%	15	7%	20	5%	6	67%	58	41%
61	Donate Excess Food	84	11%	70	11%	14	7%	20	0%	6	33%	56	13%
62	Excess Food Not Donated	68	0%	57	0%	11	0%	19	0%			44	0%
63	Food Waste Prevention Strategies	87	33%	72	36%	15	20%	19	5%	6	17%	60	42%
64	- Training	57	39%	46	43%	11	18%	18	0%			35	57%
65	- Adjust Portion Size	57	46%	46	52%	11	18%	18	6%			35	63%
66	- Redesign Menu	57	40%	46	48%	11	9%	18	0%			35	57%
67	- Change Size of Serving Vessels	57	30%	46	35%	11	9%	18	6%			35	37%
68	- Others	57	19%	47	21%	10	10%	18	0%			35	29%
69	Water Filtration/Hydration Station	88	32%	73	33%	15	27%	20	25%	6	50%	60	32%
70	- Guestrooms	40	38%	29	48%	11	9%	17	24%			19	53%
71	- Meeting Facilities	40	30%	29	38%	11	9%	17	0%			19	53%
72	- F&B Facilities	40	45%	29	52%	11	27%	17	0%			19	74%
73	- Fitness Facilities	40	40%	29	45%	11	27%	17	12%			19	58%
74	Plan to Eliminate Single-use Plastics	88	58%	73	62%	15	40%	20	45%	6	83%	60	58%
75	- Guestrooms	57	49%	46	50%	11	45%	18	33%			35	57%
76	- F&B Facilities	57	51%	46	59%	11	18%	18	22%			35	63%
77	- Other Guest-facing Facilities	57	49%	46	54%	11	27%	18	28%			35	57%
78	- Back of House	57	42%	46	41%	11	45%	18	39%			35	40%
79	Eliminate Single-use Plastics	88	25%	73	26%	15	20%	20	15%	6	17%	60	28%
80	≥75% Automatic Sensors Touchless Faucets	92	20%	75	23%	17	6%	20	10%	5	20%	65	23%
81	≥75% Low-flow Toilets	91	53%	74	55%	17	41%	20	20%	5	60%	64	61%
82	≥75% Faucets with Low-flow Aerators	89	57%	72	63%	17	35%	20	20%	5	60%	62	69%
83	≥75% Low-flow Shower-head	91	52%	74	55%	17	35%	20	25%	5	80%	64	58%
84	Water Tracking	90	97%	74	97%	16	94%	20	95%	5	100%	63	97%
85	Reuse Gray-Water	91	2%	74	3%	17	0%	20	5%	5	0%	64	2%
86	Water Submetering	91	87%	74	91%	17	71%	20	70%	5	100%	64	91%
87	- Guestrooms	84	57%	70	56%	14	64%	20	55%	5	80%	58	55%
88	- F&B Facilities	84	82%	70	89%	14	50%	20	30%	5	100%	58	98%
89	- Fitness Facilities	84	31%	70	34%	14	14%	20	10%	5	80%	58	33%
90	- Swimming Pool	84	75%	70	86%	14	21%	20	35%	5	100%	58	86%
91	- Landscaping	84	56%	70	59%	14	43%	20	35%	5	80%	58	60%
92	- Others	82	37%	68	38%	14	29%	20	5%	5	40%	55	45%

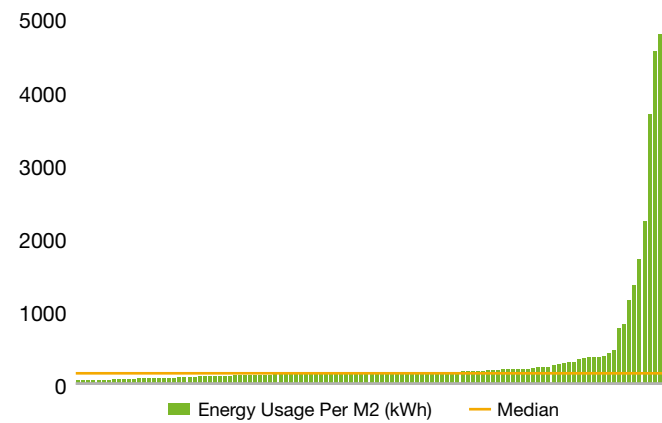
SINGAPORE

Singapore		All		Full Service		Limited Service		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	89	20%	72	22%	17	12%	20	20%	5	0%	62	23%
94	Smart Irrigation System	88	18%	73	19%	15	13%	20	5%	5	0%	61	25%
95	Preventive Maintenance Plan	89	97%	73	97%	16	94%	20	95%	5	100%	62	97%
96	Sustainability Policy	89	63%	73	67%	16	44%	20	40%	5	60%	62	71%
97	Sustainability Efforts on Website	90	51%	74	54%	16	38%	20	45%	5	80%	63	51%
98	Sustainability Champion	89	57%	73	63%	16	31%	20	35%	5	100%	62	63%
99	Sustainability Team	89	57%	73	64%	16	25%	20	35%	5	100%	62	61%
100	Sustainability Team Budget	90	34%	74	39%	16	13%	20	20%	5	60%	63	38%
101	Staff Training on Sustainability	88	58%	72	61%	16	44%	20	40%	5	80%	61	62%
102	Employee Volunteering Opportunities During Work Hours	89	66%	73	64%	16	75%	20	70%	5	60%	62	65%
103	Staff Recognition	87	38%	71	38%	16	38%	20	40%	5	60%	60	35%
104	Staff Feedback Process	89	60%	73	58%	16	69%	20	65%	5	60%	62	58%
105	Green Certified Cleaning Products	87	48%	71	48%	16	50%	20	35%	5	40%	60	53%
106	Sustainability Initiatives Communication in Guestrooms	87	66%	71	68%	16	56%	20	70%	5	100%	60	62%
107	Involve Guests to Support Sustainability Initiatives	88	40%	72	43%	16	25%	20	50%	5	60%	61	34%
108	Reward Program for Sustainable Guests	87	18%	71	18%	16	19%	20	20%	5	20%	60	18%
109	≥75% Guest Asking About Carbon Offsetting	82	9%	66	9%	16	6%	20	0%	5	0%	55	13%
110	≥75% Guests Asking About Sustainability Initiatives	78	8%	63	8%	15	7%	19	0%	5	0%	52	12%
111	3rd-party Certification	88	40%	72	43%	16	25%	20	20%	5	40%	61	48%
112	Carbon Footprint Measured	85	41%	69	46%	16	19%	20	10%	5	60%	58	48%
113	Local Procurement Policy	88	65%	72	68%	16	50%	20	50%	5	60%	61	69%
114	Sustainability-specific Procurement Requirements	84	48%	68	51%	16	31%	20	35%	5	20%	57	54%
115	- Contractors	51	59%	40	65%	11	36%	18	33%			31	74%
116	- Service Providers	51	65%	40	73%	11	36%	18	33%			31	81%
117	- Suppliers	51	78%	40	88%	11	45%	18	39%			31	100%
118	- Others	51	47%	40	50%	11	36%	18	28%			31	58%
119	Green Roof	89	34%	73	32%	16	44%	20	30%	5	0%	62	35%
120	Beekeeping	87	0%	71	0%	16	0%	20	0%	5	0%	60	0%
121	Low or Zero VOC Paints	93	71%	76	75%	17	53%	20	50%	5	60%	66	79%
122	HVAC Filters Routinely Checked	93	95%	76	99%	17	76%	20	80%	5	100%	66	98%
123	Building Re-commissioning	91	44%	74	49%	17	24%	20	10%	5	40%	64	56%
124	Air Purification System	84	57%	69	61%	15	40%	20	70%	5	80%	57	51%
125	Vegan & Vegetarian Menu Options	84	67%	69	75%	15	27%	20	15%	5	100%	57	81%
126	Sustainable Seafood Purchasing Policy	84	32%	69	36%	15	13%	20	0%	5	60%	57	42%
127	≥75% Seafood Purchased Sustainably Certified	81	17%	67	21%	14	0%	20	0%	5	20%	54	24%
128	≥75% F&B Purchases Are Fair Trade Items	80	21%	66	26%	14	0%	20	0%	5	40%	53	28%
129	Evaluate Suppliers in Human Rights Areas	84	40%	68	46%	16	19%						

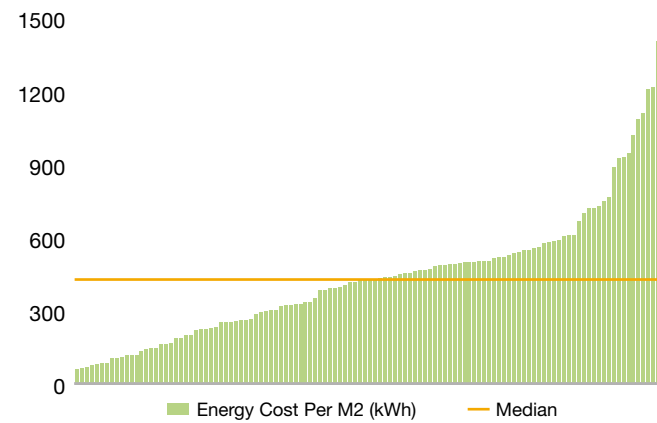


Thailand

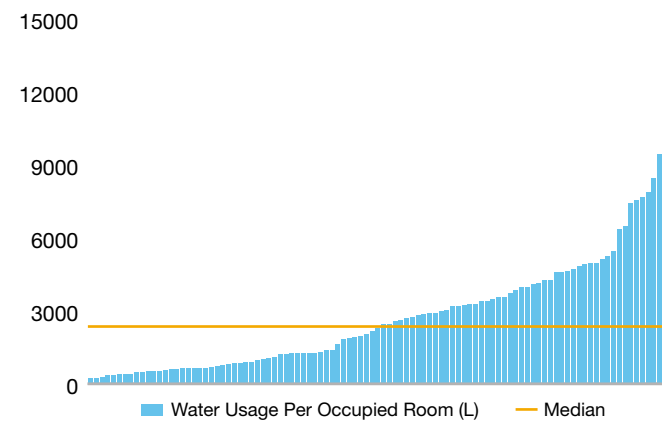
Energy Usage Per Square Metre (kWh)



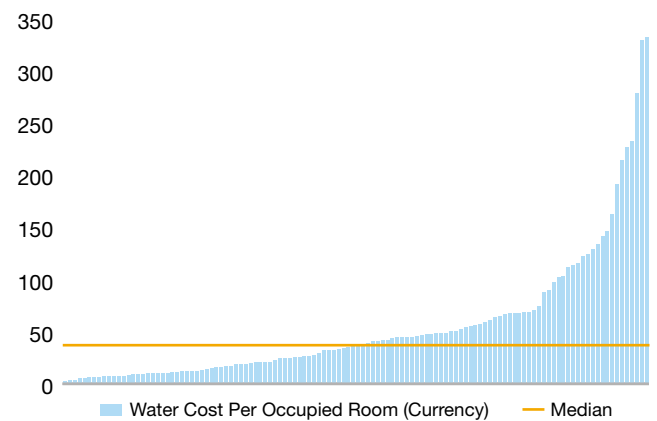
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Thailand		Energy (KWh)				Water (L)				GHG (KgCO2e)	
		Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR
All	Count	116	119	118	146	114	102	105	120	116	119
	High	4,782	1,313	1,404	3,803	11,521	13,610	163	331	2,116	604
	Mean	323	267	434	811	2,093	2,837	30	55	118	114
	Q3	201	302	534	1,021	2,640	3,975	38	65	80	131
	Median	141	161	427	540	1,472	2,351	22	37	61	67
	Q1	107	101	252	278	1,017	834	11	15	47	41
	Low	48	22	59	64	120	234	2	2	14	10
Full Service	Count	91	96	90	112	88	84	78	88	91	96
	High	4,782	1,313	1,404	3,803	11,521	13,610	163	331	2,116	604
	Mean	350	309	448	951	2,283	3,275	31	63	127	132
	Q3	209	354	548	1,100	2,711	4,322	38	68	87	146
	Median	144	194	445	644	1,587	2,870	24	45	62	81
	Q1	111	128	255	373	1,127	1,248	11	20	48	52
	Low	48	22	63	64	242	234	2	2	15	10
Limited Service	Count	25	23	28	34	26	18	27	32	25	23
	High	2,219	294	1,219	1,391	4,063	3,981	138	278	607	137
	Mean	226	91	389	352	1,450	793	27	34	83	40
	Q3	170	110	465	442	1,580	783	36	28	72	49
	Median	125	82	343	233	1,123	598	18	18	56	36
	Q1	106	51	211	162	842	418	10	9	47	23
	Low	54	27	59	67	120	243	4	6	14	10
Small Metro/Town	Count	15	17	18	21	17	12	16	13	15	17
	High	4,782	1,068	1,109	3,675	6,865	9,409	115	329	1,300	497
	Mean	498	352	418	984	2,618	3,958	41	99	164	154
	Q3	298	670	513	1,093	3,784	5,006	56	146	135	302
	Median	166	181	365	517	2,024	3,403	34	48	63	75
	Q1	85	113	189	312	1,321	2,886	19	41	37	50
	Low	52	22	59	64	440	516	9	5	24	10
Suburban	Count	7	7	6	8	8	5	7	8	7	7
	High	3,691	930	924	3,803	8,554	7,873	41	113	1,029	432
	Mean	637	246	550	1,545	3,440	2,761	18	38	196	112
	Q3	228	230	742	2,694	6,319	2,966	26	54	100	99
	Median	110	120	537	783	1,502	2,024	21	24	49	56
	Q1	70	85	307	420	1,197	599	5	10	33	38
	Low	63	43	261	138	827	343	3	8	28	19
Convention	Count		5	5	5	5		5	5		5
	High		402	611	1,380	3,109		81	74		166
	Mean		167	361	579	2,047		31	43		69
	Q3		213	493	721	3,096		26	48		91
	Median		93	392	362	1,649		24	44		40
	Q1		73	252	220	1,640		16	33		24
	Low		52	59	213	738		9	14		24
Extended Stay	Count	14	12	15	20	13	12	14	16	14	12
	High	380	981	1,219	3,373	4,063	7,424	138	115	165	450
	Mean	193	203	498	519	1,326	1,307	29	22	75	89
	Q3	253	186	596	474	1,286	1,234	27	25	84	70
	Median	164	124	333	303	1,120	685	19	14	61	57
	Q1	116	102	253	161	698	498	9	8	50	34
	Low	54	27	117	67	120	243	2	6	25	12
Resort - Year Round	Count	45	50	46	57	45	37	38	42	45	50
	High	4,782	1,068	1,109	3,803	8,554	13,610	163	329	2,116	497
	Mean	511	316	400	1,061	2,503	4,192	37	81	178	135
	Q3	232	421	520	1,296	3,579	5,228	49	110	108	168
	Median	154	182	329	626	1,750	3,396	27	48	61	76
	Q1	69	126	189	380	1,104	1,851	9	27	32	53
	Low	48	22	63	64	242	516	2	4	15	10
Non-Resort	Count	53	52	52	64	51	49	48	57	53	52
	High	1,703	1,313	1,404	3,414	11,521	7,672	91	331	479	604
	Mean	214	245	452	699	1,932	2,214	25	46	83	103
	Q3	164	294	519	1,016	1,818	3,389	31	57	73	128
	Median	138	153	438	590	1,418	1,970	21	35	61	67
	Q1	118	88	301	268	1,017	713	13	12	51	38
	Low	68	32	68	67	422	234	3	2	14	10

THAILAND

Thailand		All		Full Service		Limited Service		Small Metro/Town		Suburban		Convention		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	158	88%	118	89%	40	85%	25	92%	11	91%	6	100%	20	90%	64	88%	68	87%
2	Reuse Program Opt Out	133	0%	100	0%	33	0%	21	0%	10	0%	6	0%	20	0%	50	0%	57	0%
3	≥75% LED Lighting	160	83%	119	88%	41	66%	24	92%	10	90%	6	83%	20	40%	64	92%	70	86%
4	Variable Frequency Drives	161	71%	120	77%	41	56%	25	56%	10	40%	6	67%	20	55%	65	72%	70	76%
5	- Main Air Handling Units	118	70%	90	74%	28	57%	11	64%					18	44%	43	74%	53	75%
6	- Kitchen Hoods	119	45%	91	46%	28	43%	11	64%					18	22%	44	55%	53	45%
7	- Elevators	118	58%	90	58%	28	57%	11	27%					18	44%	43	58%	53	62%
8	- Water Pumps	119	76%	91	80%	28	64%	11	100%					18	28%	44	91%	53	81%
9	- Refrigeration Units	119	39%	91	37%	28	46%	11	45%					18	22%	44	50%	53	38%
10	- Other	113	42%	86	48%	27	22%	11	64%					18	11%	41	49%	50	44%
11	Renewable Energy Generation	156	13%	119	14%	37	8%	24	13%	10	30%			21	10%	65	14%	66	14%
12	- Solar Thermal	34	15%	22	23%	12	0%							16	6%	9	22%	9	22%
13	- Solar PV	34	18%	22	27%	12	0%							16	6%	9	44%	9	11%
14	- Wind Power	34	3%	22	5%	12	0%							16	6%	9	0%	9	0%
15	- Geothermal	34	3%	22	5%	12	0%							16	0%	9	0%	9	11%
16	- Hydroelectric	34	0%	22	0%	12	0%							16	0%	9	0%	9	0%
17	- Cogeneration	34	3%	22	0%	12	8%							16	0%	9	0%	9	11%
18	- Heat Pump	34	50%	22	68%	12	17%							16	13%	9	89%	9	78%
19	- Other Renewable Energy	34	6%	22	9%	12	0%							16	0%	9	22%	9	0%
20	Carbon Offset or REC Purchase	154	12%	117	15%	37	3%	23	17%	10	0%			21	5%	64	13%	65	14%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	151	11%	114	11%	37	8%	21	19%	10	20%			21	5%	62	13%	64	11%
22	≥75% Guestrooms Have Digital Thermostats	155	70%	118	75%	37	54%	23	74%	10	50%			21	33%	64	73%	66	77%
23	≥75% Guestrooms Have Occupancy Sensor	152	34%	115	35%	37	32%	23	30%	10	30%			21	24%	62	24%	65	46%
24	≥75% Bathroom Occupancy Sensors	152	16%	115	17%	37	16%	23	13%	10	10%			21	10%	62	13%	65	20%
25	≥75% Meeting Room Digital Thermostats	151	60%	114	64%	37	46%	22	55%	10	50%			21	19%	60	65%	66	67%
26	≥75% Meeting Room Occupancy Sensor	148	13%	111	16%	37	3%	21	14%	9	0%			21	5%	59	15%	64	14%
27	High Efficiency Boilers	153	39%	116	45%	37	19%	22	36%	10	30%			21	10%	62	45%	66	42%
28	High Efficiency Chillers	152	47%	115	48%	37	43%	22	32%	10	20%			21	19%	62	44%	65	58%
29	Energy Sub-metering	155	65%	118	69%	37	49%	24	50%	10	80%			21	76%	65	62%	65	65%
30	- Fitness Facility	101	50%	83	53%	18	39%	12	50%	8	38%			17	47%	40	50%	42	50%
31	- F&B Facilities	101	76%	83	78%	18	67%	12	92%	8	63%			17	76%	40	70%	42	81%
32	- Guestrooms	101	59%	83	57%	18	72%	12	58%	8	63%			17	76%	40	58%	42	52%
33	- Public Spaces	101	65%	83	65%	18	67%	12	75%	8	75%			17	59%	40	65%	42	67%
34	- Other	100	62%	82	70%	18	28%	12	67%	8	63%			17	6%	40	78%	41	68%
35	Energy Tracking	153	99%	116	98%	37	100%	22	95%	10	100%			21	100%	62	97%	66	100%
36	Benchmark Energy Performance	152	72%	115	71%	37	73%	23	65%	10	90%			21	71%	62	68%	65	74%
37	Energy Audit	148	67%	111	67%	37	68%	22	59%	10	90%			21	62%	59	69%	64	66%
38	Recover Waste Heat For Reuse	153	10%	116	14%	37	0%	23	13%	10	30%			21	0%	62	18%	66	8%
39	- Kitchen	32	28%	23	39%	9	0%							14	0%	11	64%	7	29%
40	- Laundry	32	19%	23	26%	9	0%							14	0%	11	36%	7	29%
41	- Guestrooms	32	19%	23	26%	9	0%							14	0%	11	36%	7	29%
42	- Generator	32	9%	23	13%	9	0%							14	0%	11	18%	7	14%
43	- Exhaust Air	32	28%	23	39%	9	0%							14	0%	11	55%	7	43%
44	- Gray Water	32	25%	23	35%	9	0%							14	0%	11	55%	7	29%
45	- Others	31	13%	22	18%	9	0%							14	0%	11	18%	6	33%

THAILAND

Thailand		All		Full Service		Limited Service		Small Metro/Town		Suburban		Convention		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	152	35%	116	41%	36	17%	22	23%	10	20%	5	40%	21	29%	61	43%	65	29%
47	Recycling Bins in Common Areas	154	77%	117	77%	37	78%	23	83%	10	70%	5	60%	21	81%	62	82%	66	73%
48	Recycling Bins in Guestrooms	146	18%	113	19%	33	15%	22	9%	9	0%	5	0%	19	32%	60	25%	62	10%
49	Bulk Shampoo Dispenser	150	55%	116	53%	34	59%	23	78%	10	90%	5	60%	20	20%	62	65%	63	56%
50	Waste & Recyclables Tracking	146	72%	112	75%	34	62%	23	70%	9	89%	5	80%	20	50%	60	70%	61	80%
51	Donate Leftover Bathroom Amenities	150	43%	115	49%	35	26%	22	50%	10	50%	5	60%	20	20%	60	45%	65	48%
52	Food Waste Disposal	141	69%	109	71%	32	63%	23	74%	9	89%	5	80%	19	47%	57	72%	60	72%
53	- Landfill/Incinerator	103	28%	80	30%	23	22%	17	35%	8	63%			15	7%	41	39%	43	26%
54	- On-site Waste Digester Machine	103	9%	80	11%	23	0%	17	12%	8	25%			15	0%	41	20%	43	2%
55	- On-site compost	103	18%	80	23%	23	4%	17	47%	8	25%			15	0%	41	39%	43	7%
56	- Off-site Compost/Organic Waste Treatment Facility	103	16%	80	19%	23	4%	17	24%	8	38%			15	13%	41	24%	43	7%
57	- Off-site Animal Feed	103	67%	80	73%	23	48%	17	65%	8	63%			15	13%	41	73%	43	77%
58	- Others	101	22%	78	24%	23	13%	17	29%	8	25%			15	0%	40	25%	42	26%
59	Waste Audit	152	57%	116	57%	36	56%	23	70%	10	70%	5	80%	21	43%	61	62%	65	54%
60	Measure Food Waste Generated	143	66%	110	70%	33	52%	23	61%	9	100%	5	100%	19	21%	59	69%	60	73%
61	Donate Excess Food	135	44%	104	47%	31	32%	20	35%	9	44%			18	11%	52	42%	61	51%
62	Excess Food Not Donated	68	1%	50	2%	18	0%	12	0%	5	0%			16	6%	26	0%	26	0%
63	Food Waste Prevention Strategies	141	46%	109	50%	32	34%	22	41%	8	50%	5	100%	19	26%	57	46%	60	48%
64	- Training	104	64%	79	72%	25	40%	17	59%	5	100%	5	80%	18	22%	38	76%	43	70%
65	- Adjust Portion Size	104	64%	79	70%	25	48%	17	65%	5	80%	5	100%	18	22%	38	71%	43	72%
66	- Redesign Menu	104	62%	79	71%	25	32%	17	53%	5	100%	5	60%	18	17%	38	71%	43	72%
67	- Change Size of Serving Vessels	104	55%	79	58%	25	44%	17	59%	5	80%	5	100%	18	17%	38	58%	43	63%
68	- Others	103	32%	78	38%	25	12%	17	29%	5	40%	5	80%	18	0%	37	35%	43	37%
69	Water Filtration/Hydration Station	145	51%	111	51%	34	50%	22	50%	9	56%	5	40%	20	45%	59	54%	61	51%
70	- Guestrooms	81	35%	58	43%	23	13%	11	73%	5	60%			16	19%	32	47%	31	26%
71	- Meeting Facilities	81	41%	58	48%	23	22%	11	45%	5	20%			16	19%	32	44%	31	45%
72	- F&B Facilities	81	86%	58	95%	23	65%	11	100%	5	100%			16	38%	32	97%	31	100%
73	- Fitness Facilities	81	46%	58	53%	23	26%	11	73%	5	20%			16	38%	32	56%	31	35%
74	Plan to Eliminate Single-use Plastics	143	87%	109	89%	34	82%	23	87%	8	100%	5	100%	19	74%	56	89%	63	89%
75	- Guestrooms	104	71%	79	75%	25	60%	17	59%	5	100%	5	80%	18	61%	37	76%	44	70%
76	- F&B Facilities	104	67%	79	71%	25	56%	17	65%	5	80%	5	100%	18	39%	37	70%	44	73%
77	- Other Guest-facing Facilities	104	68%	79	73%	25	52%	17	53%	5	100%	5	60%	18	56%	37	70%	44	73%
78	- Back of House	104	63%	79	62%	25	64%	17	59%	5	80%	5	100%	18	56%	37	59%	44	64%
79	Eliminate Single-use Plastics	150	57%	116	60%	34	47%	23	65%	10	70%	5	100%	19	26%	61	62%	65	58%
80	≥75% Automatic Sensors Touchless Faucets	152	11%	115	10%	37	16%	22	5%	10	20%	5	0%	21	10%	60	10%	66	14%
81	≥75% Low-flow Toilets	151	64%	114	68%	37	49%	21	71%	10	80%	5	60%	21	33%	59	71%	66	67%
82	≥75% Faucets with Low-flow Aerators	152	51%	115	54%	37	43%	21	62%	10	60%	5	20%	21	19%	60	62%	66	55%
83	≥75% Low-flow Shower-head	151	65%	114	68%	37	54%	21	57%	10	80%	5	40%	21	33%	59	73%	66	70%
84	Water Tracking	151	97%	115	97%	36	94%	22	100%	10	90%			21	90%	61	95%	66	100%
85	Reuse Gray-Water	152	38%	115	43%	37	19%	22	59%	10	50%			21	14%	61	64%	66	23%
86	Water Submetering	148	64%	112	70%	36	44%	19	63%	10	80%	5	80%	21	52%	58	71%	64	59%
87	- Guestrooms	100	49%	78	49%	22	50%	13	62%	9	56%			17	59%	41	59%	38	37%
88	- F&B Facilities	101	60%	79	62%	22	55%	13	69%	9	56%			17	53%	41	56%	39	67%
89	- Fitness Facilities	98	28%	76	34%	22	5%	13	38%	8	38%			17	24%	39	36%	38	21%
90	- Swimming Pool	101	74%	79	80%	22	55%	13	85%	9	89%			17	41%	41	85%	39	79%
91	- Landscaping	100	49%	78	54%	22	32%	13	54%	9	78%			17	29%	41	54%	38	55%
92	- Others	99	55%	77	62%	22	27%	13	46%	8	50%			17	6%	38	61%	40	68%

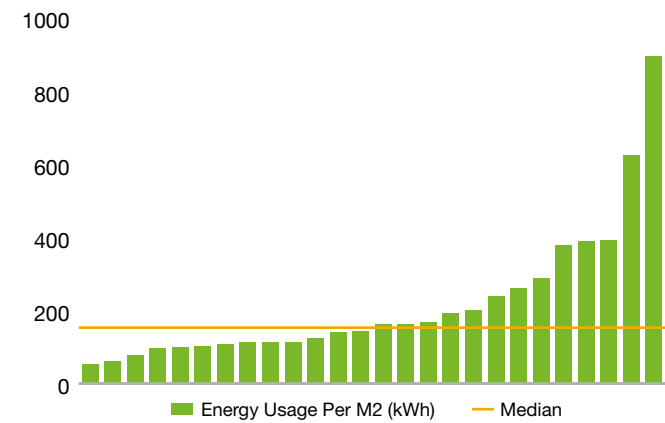
THAILAND

Thailand		All		Full Service		Limited Service		Small Metro/Town		Suburban		Convention		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	151	54%	114	59%	37	38%	22	68%	10	70%			20	20%	61	66%	66	53%
94	Smart Irrigation System	144	18%	108	19%	36	17%	18	17%	9	0%	5	40%	20	15%	55	18%	64	17%
95	Preventive Maintenance Plan	152	98%	115	98%	37	97%	23	91%	10	100%	5	100%	21	95%	62	98%	64	98%
96	Sustainability Policy	149	93%	112	94%	37	89%	22	100%	10	100%	5	100%	21	86%	60	95%	63	92%
97	Sustainability Efforts on Website	148	67%	112	69%	36	61%	22	82%	9	78%	5	80%	20	50%	59	75%	64	64%
98	Sustainability Champion	147	77%	112	80%	35	66%	22	86%	8	75%	5	100%	21	62%	59	83%	62	74%
99	Sustainability Team	148	77%	113	79%	35	71%	23	70%	8	63%	5	80%	20	70%	60	83%	63	73%
100	Sustainability Team Budget	147	51%	112	52%	35	49%	23	61%	8	50%	5	60%	20	35%	59	59%	63	48%
101	Staff Training on Sustainability	146	86%	112	88%	34	82%	22	82%	8	88%	5	100%	20	75%	59	88%	62	87%
102	Employee Volunteering Opportunities During Work Hours	146	84%	112	87%	34	74%	22	95%	8	88%	5	100%	20	75%	59	92%	62	77%
103	Staff Recognition	145	59%	111	60%	34	53%	21	57%	8	63%	5	60%	20	40%	58	76%	62	48%
104	Staff Feedback Process	147	80%	112	81%	35	77%	22	77%	8	63%	5	100%	20	70%	59	86%	63	76%
105	Green Certified Cleaning Products	146	73%	112	74%	34	68%	23	70%	8	75%	5	100%	20	50%	60	77%	61	74%
106	Sustainability Initiatives Communication in Guestrooms	145	78%	111	80%	34	71%	22	91%	8	75%	5	100%	20	70%	58	84%	62	73%
107	Involve Guests to Support Sustainability Initiatives	147	71%	112	72%	35	69%	23	91%	8	50%	5	100%	20	70%	59	78%	63	63%
108	Reward Program for Sustainable Guests	145	33%	112	33%	33	33%	23	30%	8	13%	5	20%	20	25%	59	36%	61	34%
109	≥75% Guest Asking About Carbon Offsetting	143	6%	109	6%	34	6%	22	5%	9	0%	5	0%	20	0%	57	7%	61	8%
110	≥75% Guests Asking About Sustainability Initiatives	138	9%	108	9%	30	7%	22	5%	8	0%	5	20%	19	0%	57	11%	57	9%
111	3rd-party Certification	149	59%	113	66%	36	36%	23	65%	8	63%	5	100%	20	30%	59	63%	65	62%
112	Carbon Footprint Measured	147	50%	112	51%	35	49%	22	45%	9	33%	5	100%	20	15%	59	53%	63	56%
113	Local Procurement Policy	152	88%	115	90%	37	78%	23	96%	10	80%	5	100%	21	71%	61	89%	65	91%
114	Sustainability-specific Procurement Requirements	146	71%	110	73%	36	67%	22	68%	9	89%	5	100%	20	60%	58	74%	63	70%
115	- Contractors	110	76%	81	80%	29	66%	15	80%	8	75%	5	100%	20	55%	41	83%	44	77%
116	- Service Providers	110	85%	81	89%	29	72%	15	87%	8	75%	5	100%	20	60%	41	93%	44	86%
117	- Suppliers	112	93%	83	96%	29	83%	15	100%	8	100%	5	100%	20	60%	43	100%	44	100%
118	- Others	110	51%	81	54%	29	41%	15	60%	8	50%	5	80%	20	25%	41	56%	44	55%
119	Green Roof	152	41%	115	41%	37	43%	23	35%	9	22%	5	100%	21	57%	61	31%	65	42%
120	Beekeeping	148	4%	114	4%	34	3%	23	4%	9	0%	5	20%	19	5%	61	3%	63	3%
121	Low or Zero VOC Paints	147	65%	111	69%	36	50%	22	64%	8	63%	5	80%	21	48%	57	72%	64	63%
122	HVAC Filters Routinely Checked	151	92%	114	95%	37	84%	23	91%	9	100%	5	100%	21	71%	60	95%	65	95%
123	Building Re-commissioning	150	53%	113	58%	37	38%	22	41%	10	60%			21	19%	60	63%	65	55%
124	Air Purification System	147	59%	112	63%	35	43%	22	45%	9	56%	5	60%	20	50%	59	64%	63	56%
125	Vegan & Vegetarian Menu Options	148	91%	113	96%	35	74%	22	100%	9	100%	5	100%	20	75%	59	97%	64	89%
126	Sustainable Seafood Purchasing Policy	146	63%	111	68%	35	49%	22	77%	9	56%	5	60%	20	20%	57	67%	64	73%
127	≥75% Seafood Purchased Sustainably Certified	145	32%	111	33%	34	29%	22	23%	8	25%	5	40%	20	5%	57	39%	63	35%
128	≥75% F&B Purchases Are Fair Trade Items	142	47%	107	51%	35	34%	21	52%	9	33%	5	20%	20	10%	54	52%	63	57%
129	Evaluate Suppliers in Human Rights Areas	148	67%	113	67%	35	66%	22	73%	9	89%								

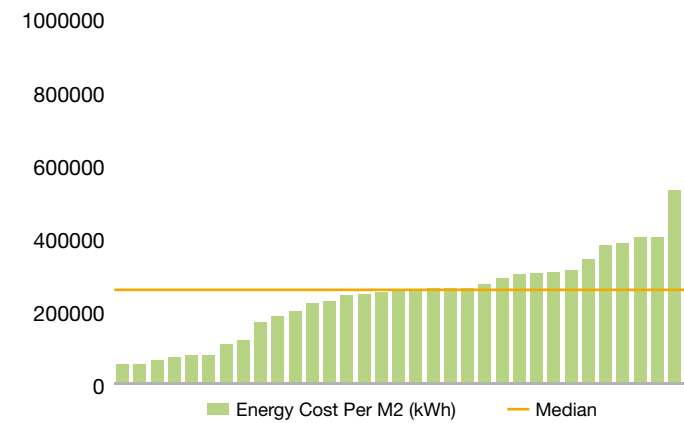


Vietnam

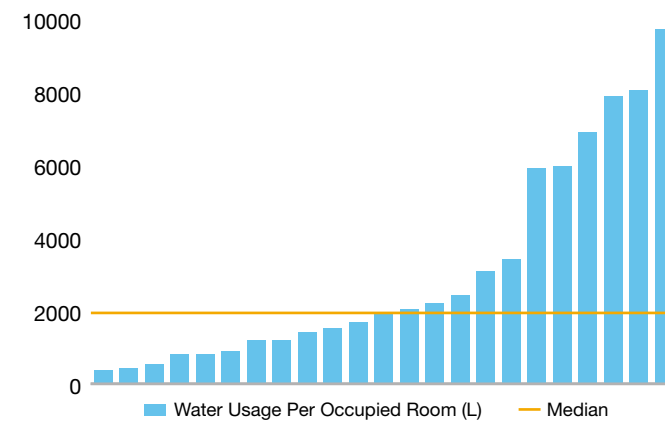
Energy Usage Per Square Metre (kWh)



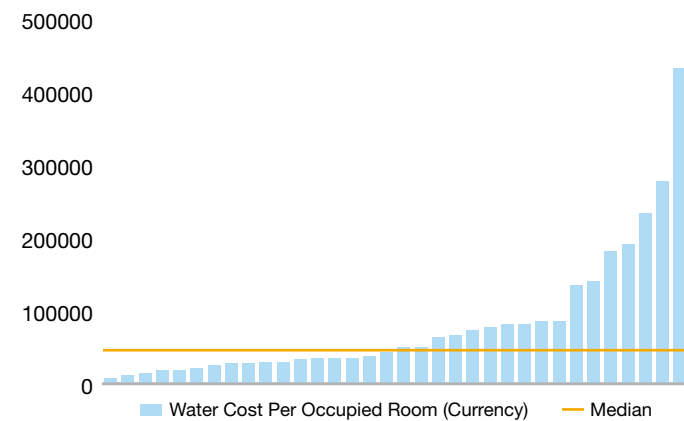
Energy Cost Per Square Metre (Currency)



Water Usage Per Occupied Room (Litres)



Water Cost Per Occupied Room (Currency)



Vietnam		Energy (KWh)				Water (L)				GHG (KgCO2e)	
		Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR	Cost PSM	Cost POR	Usage PSM	Usage POR
All	Count	26	26	34	45	27	23	30	34	26	26
	High	895	613	824,407	2,236,104	10,227	9,703	203,098	431,667	238	332
	Mean	220	194	255,805	572,586	2,393	3,054	47,502	80,962	108	106
	Q3	256	287	305,418	749,317	2,394	4,656	47,917	83,987	148	157
	Median	153	169	256,432	306,194	1,439	1,939	29,680	45,921	86	78
	Q1	110	86	171,421	177,175	923	1,039	13,957	28,467	68	50
	Low	54	22	52,211	33,995	440	362	5,253	7,976	32	13
Full Service	Count	17	19	25	35	19	18	23	27	17	19
	High	895	613	529,511	2,236,104	10,227	9,703	203,098	431,667	208	332
	Mean	245	241	242,421	681,838	2,187	3,437	45,860	94,461	111	130
	Q3	261	295	311,634	898,843	1,924	5,319	39,604	110,652	154	164
	Median	167	252	257,693	526,907	1,359	2,134	27,922	63,550	89	138
	Q1	113	145	117,754	243,132	923	1,436	13,029	34,163	71	74
	Low	54	74	52,211	33,995	440	524	5,253	11,578	35	44
Limited Service	Count	9	7	9	10	8	5	7	7	9	7
	High	393	89	824,407	564,587	7,424	5,897	118,154	80,917	238	55
	Mean	173	65	292,984	190,205	2,882	1,677	52,895	28,894	103	39
	Q3	164	83	298,727	185,592	4,193	902	77,552	29,990	90	51
	Median	114	80	255,170	167,135	2,174	811	34,535	21,310	74	44
	Q1	97	48	199,136	130,904	1,157	413	26,419	16,038	63	30
	Low	62	22	78,548	73,072	593	362	9,635	7,976	32	13
Small Metro/Town	Count				5	5	5				
	High				1,479,325	2,156	8,031				
	Mean				910,340	1,106	5,960				
	Q3				1,018,919	1,268	7,865				
	Median				777,232	804	5,954				
	Q1				749,317	709	5,897				
	Low				526,907	593	2,052				
Extended Stay	Count			7	9	5		5	5		
	High			824,407	564,587	4,656		118,154	80,917		
	Mean			295,851	199,246	2,663		63,466	34,492		
	Q3			320,007	181,904	4,038		89,032	37,243		
	Median			260,347	124,962	2,632		66,073	34,747		
	Q1			137,298	94,157	1,359		30,142	11,578		
	Low			71,590	48,035	630		13,929	7,976		
Resort – Year Round	Count	6	5	10	14	11	10	10	11	6	5
	High	895	613	529,511	1,887,423	10,227	9,703	203,098	232,858	188	332
	Mean	297	340	219,384	730,376	2,905	5,237	41,689	106,692	118	170
	Q3	276	384	270,422	976,087	3,225	7,617	36,114	160,576	172	182
	Median	221	295	251,820	699,025	1,737	5,925	13,085	77,336	130	165
	Q1	128	252	67,134	302,690	895	2,305	8,065	38,934	60	89
	Low	54	155	52,211	33,995	593	1,407	6,441	29,404	35	81
Non-Resort	Count	14	15	15	20	11	10	14	17	14	15
	High	626	305	401,502	2,236,104	7,424	3,416	171,734	431,667	227	199
	Mean	192	162	256,555	668,486	1,759	1,531	46,280	80,743	100	96
	Q3	166	270	304,535	716,040	1,587	2,147	35,849	80,884	90	154
	Median	143	116	255,170	469,634	1,314	1,185	28,570	49,398	83	72
	Q1	113	85	223,173	191,862	971	835	20,119	25,233	70	49
	Low	62	22	78,548	148,731	440	413	5,253	13,832	32	13

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Vietnam		All		Full Service		Limited Service		Small Metro/Town		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
1	Linen/Towel Reuse Program	52	96%	41	98%	11	91%	6	100%	9	100%	20	100%	21	95%
2	Reuse Program Opt Out	48	0%	39	0%	9	0%	6	0%	8	0%	20	0%	19	0%
3	≥75% LED Lighting	49	73%	38	76%	11	64%	5	100%	9	33%	19	84%	19	79%
4	Variable Frequency Drives	50	84%	39	85%	11	82%	6	83%	9	100%	19	68%	20	95%
5	- Main Air Handling Units	42	79%	33	85%	9	56%	5	80%	9	56%	13	85%	19	84%
6	- Kitchen Hoods	42	62%	33	64%	9	56%	5	60%	9	56%	13	77%	19	53%
7	- Elevators	42	76%	33	79%	9	67%	5	60%	9	67%	13	85%	19	74%
8	- Water Pumps	42	86%	33	88%	9	78%	5	80%	9	56%	13	92%	19	95%
9	- Refrigeration Units	42	60%	33	61%	9	56%	5	60%	9	56%	13	77%	19	47%
10	- Other	41	63%	32	66%	9	56%	5	80%	9	56%	13	85%	18	50%
11	Renewable Energy Generation	52	15%	40	18%	12	8%	6	17%	9	11%	19	26%	22	9%
12	- Solar Thermal	14	21%	9	33%	5	0%			7	0%	5	40%		
13	- Solar PV	14	0%	9	0%	5	0%			7	0%	5	0%		
14	- Wind Power	14	0%	9	0%	5	0%			7	0%	5	0%		
15	- Geothermal	14	0%	9	0%	5	0%			7	0%	5	0%		
16	- Hydroelectric	14	0%	9	0%	5	0%			7	0%	5	0%		
17	- Cogeneration	14	7%	9	0%	5	20%			7	14%	5	0%		
18	- Heat Pump	14	36%	9	56%	5	0%			7	0%	5	80%		
19	- Other Renewable Energy	14	0%	9	0%	5	0%			7	0%	5	0%		
20	Carbon Offset or REC Purchase	51	6%	39	5%	12	8%	6	0%	9	0%	18	6%	22	9%
21	RECs, Green Tariffs, Feed-In Tariffs or PPA	49	27%	38	24%	11	36%	6	33%	9	22%	18	33%	21	19%
22	≥75% Guestrooms Have Digital Thermostats	51	75%	39	82%	12	50%	6	83%	9	22%	18	83%	22	86%
23	≥75% Guestrooms Have Occupancy Sensor	51	33%	39	38%	12	17%	6	67%	9	0%	18	44%	22	41%
24	≥75% Bathroom Occupancy Sensors	50	12%	39	15%	11	0%	6	67%	9	11%	18	22%	21	5%
25	≥75% Meeting Room Digital Thermostats	50	56%	39	64%	11	27%	6	33%	9	22%	18	50%	21	71%
26	≥75% Meeting Room Occupancy Sensor	49	20%	38	21%	11	18%	6	33%	9	0%	18	22%	21	29%
27	High Efficiency Boilers	50	56%	39	59%	11	45%	6	100%	9	33%	18	67%	21	52%
28	High Efficiency Chillers	50	72%	39	74%	11	64%	6	100%	9	44%	18	83%	21	71%
29	Energy Sub-metering	51	73%	39	72%	12	75%	6	67%	9	89%	18	83%	22	55%
30	- Fitness Facility	38	26%	28	29%	10	20%			9	11%	15	40%	12	17%
31	- F&B Facilities	38	68%	28	82%	10	30%			9	44%	15	80%	12	67%
32	- Guestrooms	38	71%	28	79%	10	50%			9	78%	15	87%	12	50%
33	- Public Spaces	38	61%	28	64%	10	50%			9	33%	15	80%	12	58%
34	- Other	38	55%	28	61%	10	40%			9	22%	15	53%	12	83%
35	Energy Tracking	51	100%	39	100%	12	100%	6	100%	9	100%	18	100%	22	100%
36	Benchmark Energy Performance	49	39%	38	37%	11	45%	6	17%	9	22%	17	47%	21	38%
37	Energy Audit	50	60%	39	64%	11	45%	6	50%	9	44%	18	61%	21	67%
38	Recover Waste Heat For Reuse	50	16%	39	18%	11	9%	6	17%	9	11%	18	17%	21	14%
39	- Kitchen	15	20%	9	22%	6	17%			8	13%				
40	- Laundry	15	47%	9	67%	6	17%			8	13%				
41	- Guestrooms	15	27%	9	44%	6	0%			8	13%				
42	- Generator	15	13%	9	22%	6	0%			8	13%				
43	- Exhaust Air	15	27%	9	44%	6	0%			8	13%				
44	- Gray Water	15	7%	9	11%	6	0%			8	0%				
45	- Others	15	13%	9	22%	6	0%			8	13%				

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Vietnam		All		Full Service		Limited Service		Small Metro/Town		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
46	Electric Vehicle Charging Station	51	29%	40	35%	11	9%	6	50%	9	22%	19	63%	21	5%
47	Recycling Bins in Common Areas	49	63%	39	69%	10	40%	6	83%	9	44%	18	67%	20	70%
48	Recycling Bins in Guestrooms	48	40%	39	49%	9	0%	6	67%	9	11%	18	50%	19	42%
49	Bulk Shampoo Dispenser	50	46%	40	50%	10	30%	6	50%	9	33%	19	74%	20	25%
50	Waste & Recyclables Tracking	47	70%	38	71%	9	67%	6	100%	9	56%	18	78%	19	74%
51	Donate Leftover Bathroom Amenities	49	53%	39	59%	10	30%	6	50%	9	22%	19	63%	20	60%
52	Food Waste Disposal	45	42%	38	39%	7	57%	5	60%	8	38%	17	41%	19	42%
53	- Landfill/Incinerator	24	29%	17	35%	7	14%			8	25%	7	0%	8	50%
54	- On-site Waste Digester Machine	24	4%	17	6%	7	0%			8	0%	7	14%	8	0%
55	- On-site compost	24	21%	17	29%	7	0%			8	13%	7	43%	8	0%
56	- Off-site Compost/Organic Waste Treatment Facility	24	33%	17	47%	7	0%			8	13%	7	71%	8	25%
57	- Off-site Animal Feed	24	25%	17	29%	7	14%			8	0%	7	57%	8	25%
58	- Others	24	25%	17	29%	7	14%			8	0%	7	43%	8	25%
59	Waste Audit	49	49%	39	49%	10	50%	6	33%	8	50%	19	42%	20	55%
60	Measure Food Waste Generated	46	63%	37	65%	9	56%	6	67%	8	38%	18	72%	18	61%
61	Donate Excess Food	45	40%	35	49%	10	10%	6	67%	8	0%	16	75%	20	30%
62	Excess Food Not Donated	28	7%	20	0%	8	25%			8	25%	6	0%	14	0%
63	Food Waste Prevention Strategies	47	55%	37	54%	10	60%	6	67%	8	25%	18	67%	20	60%
64	- Training	41	71%	32	75%	9	56%	5	80%	8	13%	16	88%	17	82%
65	- Adjust Portion Size	41	61%	32	59%	9	67%	5	40%	8	25%	16	69%	17	71%
66	- Redesign Menu	41	51%	32	50%	9	56%	5	40%	8	13%	16	56%	17	65%
67	- Change Size of Serving Vessels	41	54%	32	53%	9	56%	5	40%	8	13%	16	63%	17	65%
68	- Others	41	37%	32	41%	9	22%	5	40%	8	0%	16	44%	17	47%
69	Water Filtration/Hydration Station	48	42%	38	45%	10	30%	6	17%	9	22%	18	44%	20	50%
70	- Guestrooms	25	56%	18	67%	7	29%			7	29%	8	50%	10	80%
71	- Meeting Facilities	25	52%	18	61%	7	29%			7	14%	8	50%	10	80%
72	- F&B Facilities	25	68%	18	83%	7	29%			7	14%	8	75%	10	100%
73	- Fitness Facilities	25	52%	18	67%	7	14%			7	0%	8	63%	10	80%
74	Plan to Eliminate Single-use Plastics	47	79%	37	84%	10	60%	6	67%	8	63%	18	83%	20	85%
75	- Guestrooms	41	78%	32	78%	9	78%	5	80%	8	50%	16	88%	17	82%
76	- F&B Facilities	41	63%	32	63%	9	67%	5	40%	8	38%	16	69%	17	71%
77	- Other Guest-facing Facilities	41	59%	32	53%	9	78%	5	40%	8	50%	16	56%	17	65%
78	- Back of House	41	61%	32	56%	9	78%	5	40%	8	50%	16	63%	17	65%
79	Eliminate Single-use Plastics	49	55%	39	59%	10	40%	6	67%	9	33%	18	61%	20	65%
80	≥75% Automatic Sensors Touchless Faucets	48	8%	37	8%	11	9%	6	0%	9	0%	18	11%	20	5%
81	≥75% Low-flow Toilets	49	57%	38	66%	11	27%	6	50%	9	11%	18	61%	21	71%
82	≥75% Faucets with Low-flow Aerators	47	45%	37	51%	10	20%	6	50%	9	0%	17	47%	20	60%
83	≥75% Low-flow Shower-head	48	46%	37	51%	11	27%	6	50%	9	11%	17	47%	21	57%
84	Water Tracking	48	100%	37	100%	11	100%	6	100%	9	100%	17	100%	21	100%
85	Reuse Gray-Water	48	19%	37	24%	11	0%	6	50%	9	0%	17	47%	21	5%
86	Water Submetering	46	72%	36	69%	10	80%	5	80%	9	78%	16	81%	20	60%
87	- Guestrooms	35	69%	26	73%	9	56%	5	80%	8	75%	14	71%	12	58%
88	- F&B Facilities	35	74%	26	81%	9	56%	5	60%	8	75%	14	79%	12	67%
89	- Fitness Facilities	35	43%	26	50%	9	22%	5	40%	8	25%	14	50%	12	50%
90	- Swimming Pool	35	71%	26	85%	9	33%	5	60%	8	63%	14	86%	12	67%
91	- Landscaping	35	60%	26	69%	9	33%	5	40%	8	63%	14	71%	12	50%
92	- Others	34	59%	25	68%	9	33%			8	13%	13	62%	12	92%

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Vietnam		All		Full Service		Limited Service		Small Metro/Town		Extended Stay		Resort – Year Round		Non-Resort	
		Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes	Count	Yes
93	Native/Drought Tolerant Landscaping	46	33%	36	36%	10	20%	6	67%	9	11%	16	63%	20	20%
94	Smart Irrigation System	45	13%	36	14%	9	11%	6	50%	9	11%	16	25%	20	5%
95	Preventive Maintenance Plan	49	96%	38	95%	11	100%	6	100%	9	89%	18	94%	21	100%
96	Sustainability Policy	47	79%	37	78%	10	80%	6	100%	9	67%	17	100%	20	65%
97	Sustainability Efforts on Website	46	48%	36	50%	10	40%	6	83%	8	38%	18	61%	19	42%
98	Sustainability Champion	47	70%	37	76%	10	50%	6	83%	9	56%	17	88%	20	60%
99	Sustainability Team	47	62%	37	65%	10	50%	6	67%	8	50%	18	72%	20	55%
100	Sustainability Team Budget	46	48%	36	50%	10	40%	6	50%	8	38%	18	67%	19	37%
101	Staff Training on Sustainability	48	81%	38	82%	10	80%	6	100%	9	89%	18	94%	20	65%
102	Employee Volunteering Opportunities During Work Hours	45	89%	35	86%	10	100%	6	100%	8	88%	17	94%	19	84%
103	Staff Recognition	48	50%	38	47%	10	60%	6	33%	9	67%	18	50%	20	40%
104	Staff Feedback Process	46	63%	36	61%	10	70%	6	33%	8	50%	18	61%	19	68%
105	Green Certified Cleaning Products	47	66%	37	62%	10	80%	6	67%	9	89%	18	67%	19	53%
106	Sustainability Initiatives Communication in Guestrooms	47	72%	37	73%	10	70%	6	83%	9	78%	18	89%	19	53%
107	Involve Guests to Support Sustainability Initiatives	46	72%	36	69%	10	80%	6	83%	8	88%	18	72%	19	63%
108	Reward Program for Sustainable Guests	47	28%	37	27%	10	30%	6	17%	9	44%	18	28%	19	21%
109	≥75% Guest Asking About Carbon Offsetting	47	9%	37	8%	10	10%	6	17%	9	0%	18	11%	19	5%
110	≥75% Guests Asking About Sustainability Initiatives	45	9%	35	9%	10	10%	6	0%	8	0%	17	6%	19	11%
111	3rd-party Certification	48	38%	38	42%	10	20%	6	50%	9	44%	18	56%	20	20%
112	Carbon Footprint Measured	48	38%	38	32%	10	60%	6	50%	9	33%	18	33%	20	40%
113	Local Procurement Policy	47	74%	37	84%	10	40%	6	67%	9	56%	18	83%	19	74%
114	Sustainability-specific Procurement Requirements	46	57%	37	59%	9	44%	5	40%	9	56%	17	71%	19	47%
115	- Contractors	30	77%	23	83%	7	57%			9	44%	12	92%	9	89%
116	- Service Providers	30	80%	23	87%	7	57%			9	44%	12	100%	9	89%
117	- Suppliers	30	83%	23	91%	7	57%			9	56%	12	100%	9	89%
118	- Others	30	60%	23	65%	7	43%			9	22%	12	83%	9	67%
119	Green Roof	48	50%	38	53%	10	40%	6	67%	9	33%	18	67%	20	45%
120	Beekeeping	48	10%	38	11%	10	10%	6	17%	9	0%	18	17%	20	5%
121	Low or Zero VOC Paints	48	77%	38	76%	10	80%	6	83%	9	78%	18	78%	20	75%
122	HVAC Filters Routinely Checked	48	96%	38	95%	10	100%	6	83%	9	100%	18	94%	20	95%
123	Building Re-commissioning	50	56%	38	66%	12	25%	6	83%	9	22%	18	72%	22	59%
124	Air Purification System	47	62%	37	59%	10	70%	6	67%	9	67%	18	56%	19	63%
125	Vegan & Vegetarian Menu Options	47	81%	37	86%	10	60%	6	83%	9	56%	18	94%	19	84%
126	Sustainable Seafood Purchasing Policy	46	57%	36	61%	10	40%	6	100%	9	22%	18	72%	18	61%
127	≥75% Seafood Purchased Sustainably Certified	46	30%	36	28%	10	40%	6	50%	9	11%	18	44%	18	22%
128	≥75% F&B Purchases Are Fair Trade Items	45	29%	35	29%	10	30%	6	67%	9	0%	18	44%	17	29%
129	Evaluate Suppliers in Human Rights Areas	47	49%	37	51%	10	40%	6	50%						



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