

Presence

- SIX SENSES RESORT
- RESORT UNDER DEVELOPMENT
- SIX SENSES RESIDENCES
- **SIX SENSES RESIDENCES UNDER DEVELOPMENT**
- **EVASON RESORT**
- SIX SENSES SPA
- SPA UNDER DEVELOPMENT

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OUR VISION Helping people reconnect with themselves, others and the world around them

AN THINK

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SUSTAINABILITY and SUSTAINABILITY FUND

Mentionable initiatives,

- Plastic Free 2022 all properties
- **Energy Conservation Program** •
- Manta Trust Laamu, Maldives (Six Senses Marine Biologists - reporting for duty.)
- Dibba School Zighy Bay, Oman • (Let's train and support next generation leaders)
- Hornbill Conservation (Let's make nests for Hornbills)
- Organic Farms on all resorts • (Let's produce our own food)
- RO Water and Crystal Water Bottling Plants on all resorts (Let's bottle our own water, goodbye plastic water bottles)

Sustainability Fund supports local **Environmental and Community** Programs

- 0.5% of Revenue
- Soft Toy Sales
- 50% of Water Sales

properties



SIX SENSES SUSTAINABILITY | ASEAN EETW 2019

SUSTAINABILITY AT SIX SENSES

Sustainability is who we are and what we want to express to our guests, hosts, and the community around us in many ways.

We are here to guide you all the way.

- Sustainable Design Guidelines
- **Sustainable Operations Guidelines**
- **Sustainability** Manager
- **Sustainability** Fund & Partnerships
- **Trainings**



BUILT TO BLEND IN

Standards for Design and Construction guide a responsible approach for ecosystems and communities.

- Design that Reflects Local Culture
- Energy Efficiency in Lighting and Equipment
- Renewable Energy (Solar Heating, PV, Thermal and Electric Energy Storage, Deep Water Cooling..)
- Water Efficiency, Greywater Recycling, Rainwater Harvesting, Sewage Treatment Plants..
- Passive Architecture Techniques
- Building Management and Automation Systems
- Energy Modelling
- Ozone Protection (refrigerants compliant with IPCC).
- Efficient Glazing and Building Envelope Design Optimization.
- ... much more...

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PROJECT TEAM



Request for Proposal Design Architecture Consultation

Kitchen & Laundry

Interior Designer

Environmental Consultant

> Lighting Design

Civil

Engineers

Project Manager

Technology Design and Engineering Consultant 6

Green Building Consultant

Project Team

Architect

Landscape Architect Mechanical and Electrical Technical Due Diligence

TE / N/ I

MEP Design Consultancy

GREEN BUILDING CERTIFICATION

LEED Silver certification is Six Senses brand standard

- LEED hotels operate **30-40% more efficiently**
- Significant, long term, increase to profitability
- 3 Platinum, 3 Gold, 12 Silver projects in the pipeline.

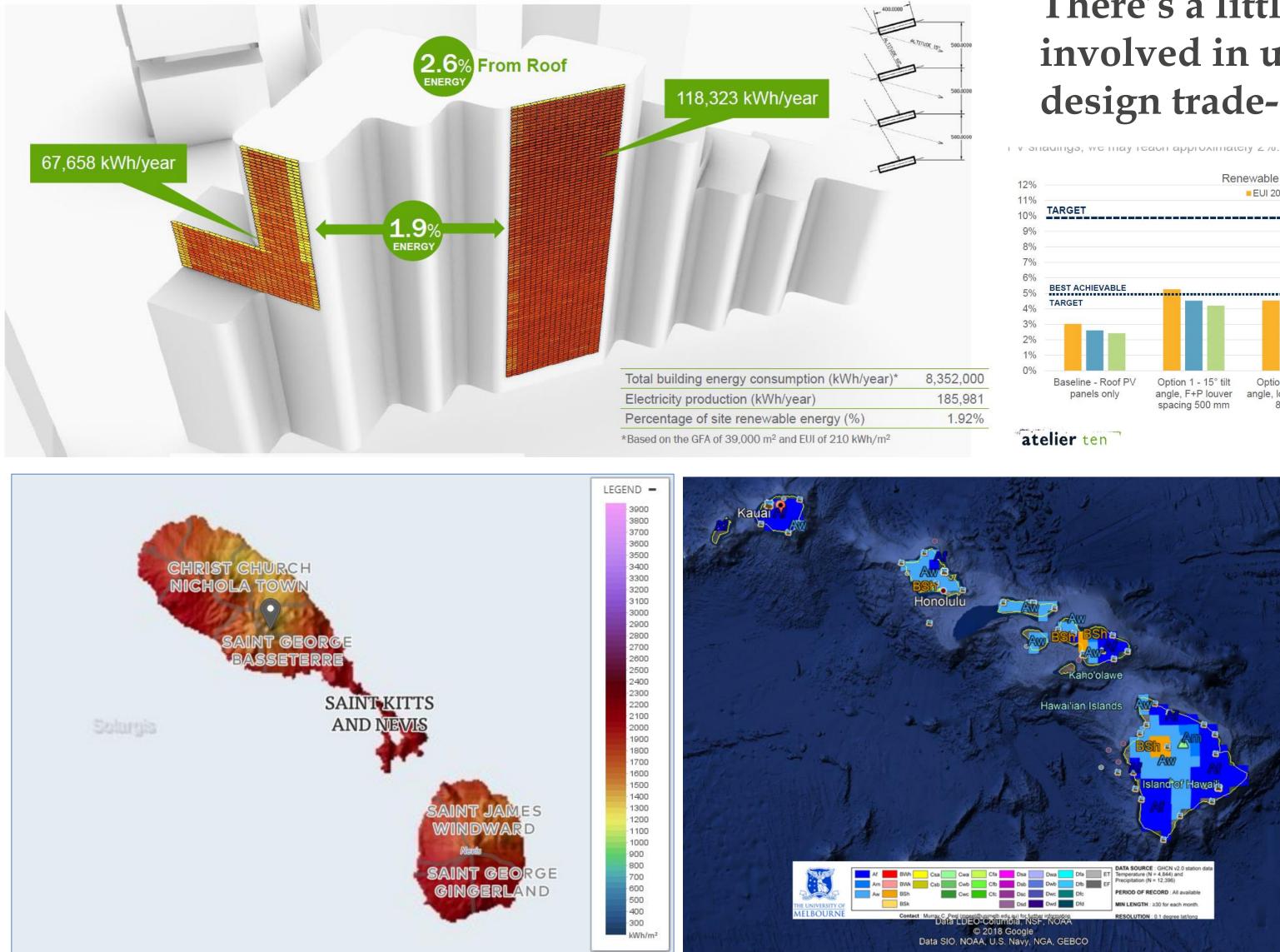


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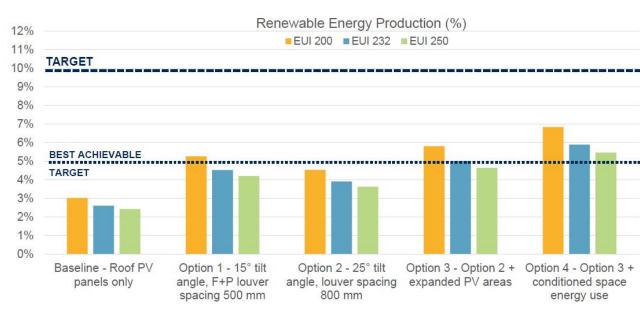
LEED NC silver certified

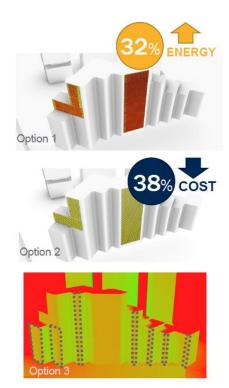




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There's a little bit of science involved in understanding design trade-offs...









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Let's use the Sun. It's free.

Six Senses Fiji

- Multiple Solar PV Arrays
- 400 MWh Tesla Battery Storage
- Targeting 100% Off-grid Solar Electricity

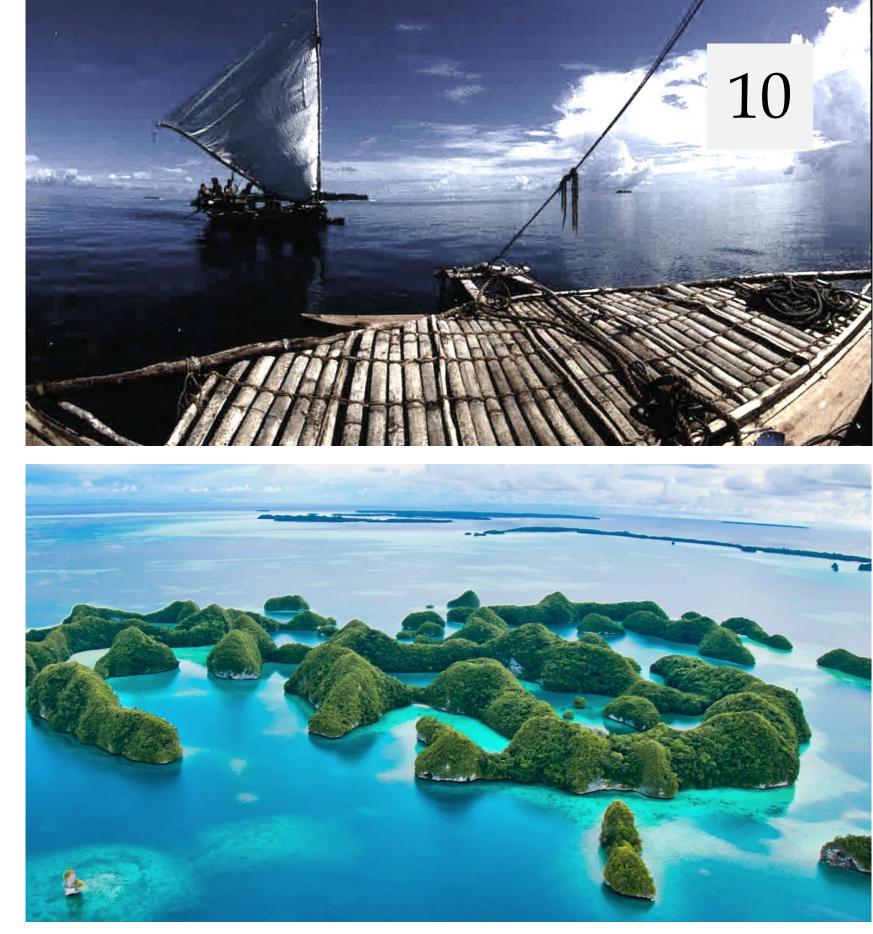








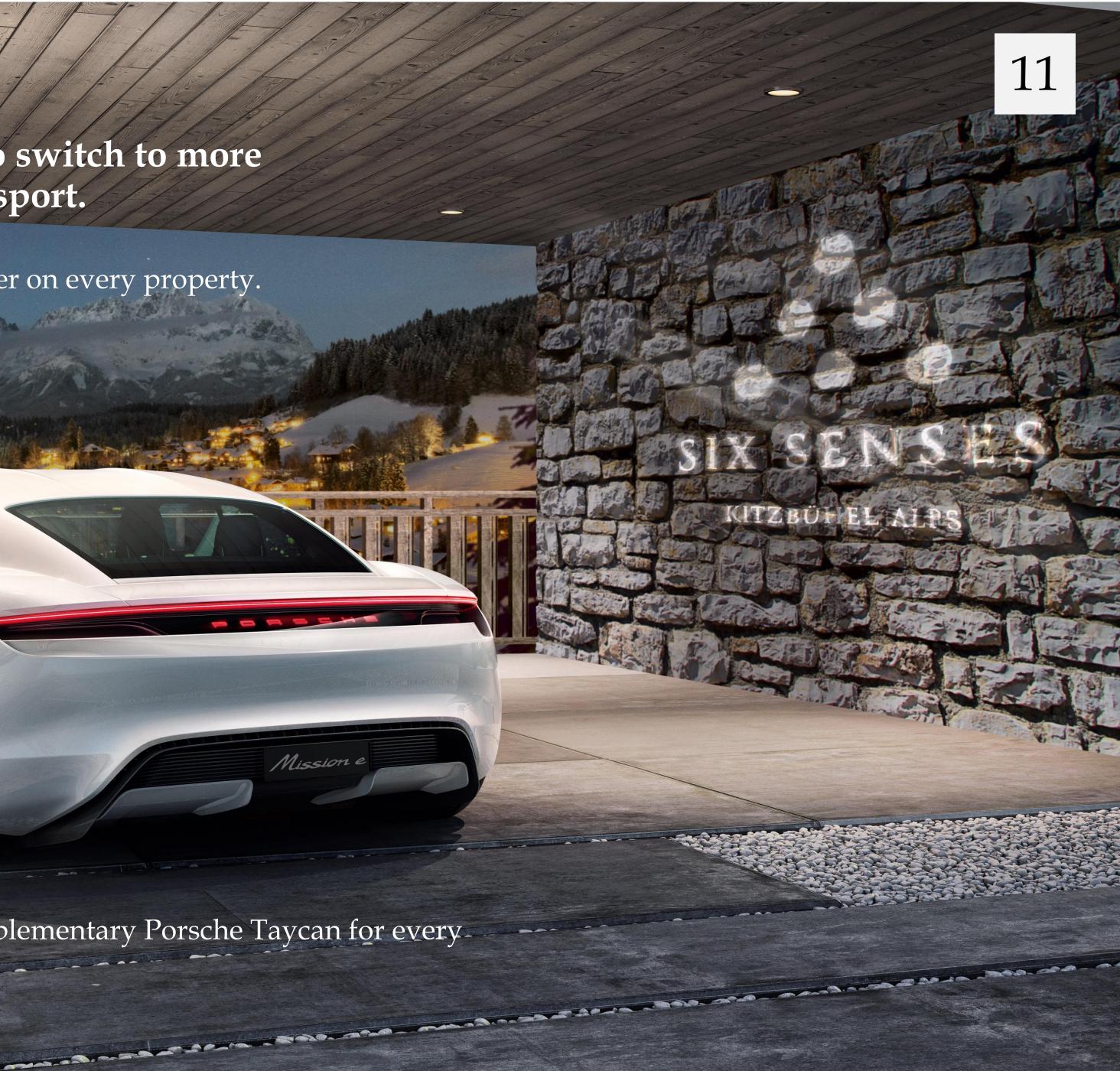




Let's encourage owners to switch to more sustainable forms of transport.

Six Senses Residences | EV charger on every property. Tesla | Porsche | Mercedes Benz

Six Senses Kitzbühel Alps | Complementary Porsche Taycan for every chalet purchase.



DESIGN | RENEWABLE ENERGY

Let's use the sea. It's free.

Six Senses Ibiza

Deep Water Cooling. Cooling System linked to the Balearic Sea.



SOLAR HEATING

Six Senses Ninh Van Bay

- Averaged 20,000 kWh/month in 2017
- Over \$20,000 USD savings in 2017
- Also Six Senses Con Dao villa units (top right)
- Plus other properties

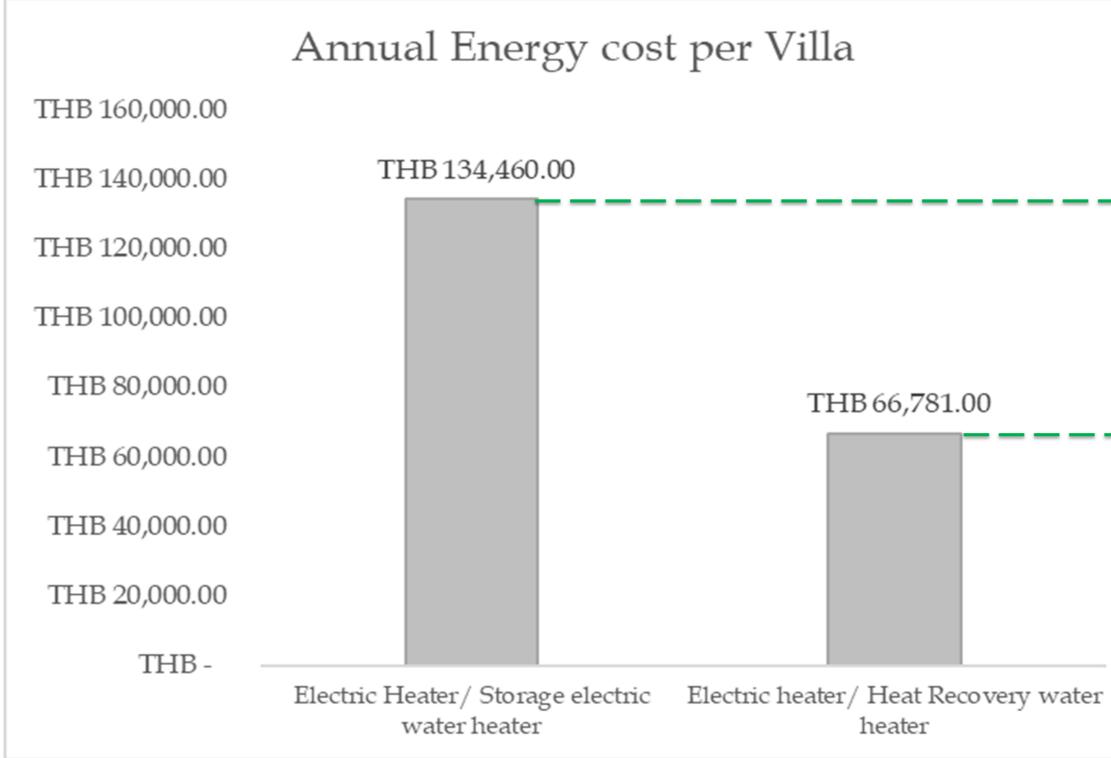
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ENERGY RECOVERY

Six Senses Samui

- Hot Water Heat Recovery approach results in significant energy savings.
- Technology: Air Source Heat Pump.





Annual Savings of THB 67,679 = **US\$ 2,060**

Let's use the cave... its good at cooling drinks.

Wine Cave | Six Senses Ninh Van Bay, Vietnam



WELLNESS WITH HEALTHY ROOMS

VOC's from Paints, Sealants, Adhesives, etc.

Ventilation from HVAC

This is just a sampling of the different aspects in which our indoor environments can have an impact on human health. We have the opportunity + responsibility to make that impact a positive one to go beyond "safety" to optimize human health.

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Let's drive it forward..

Energy Management Committees at all properties.

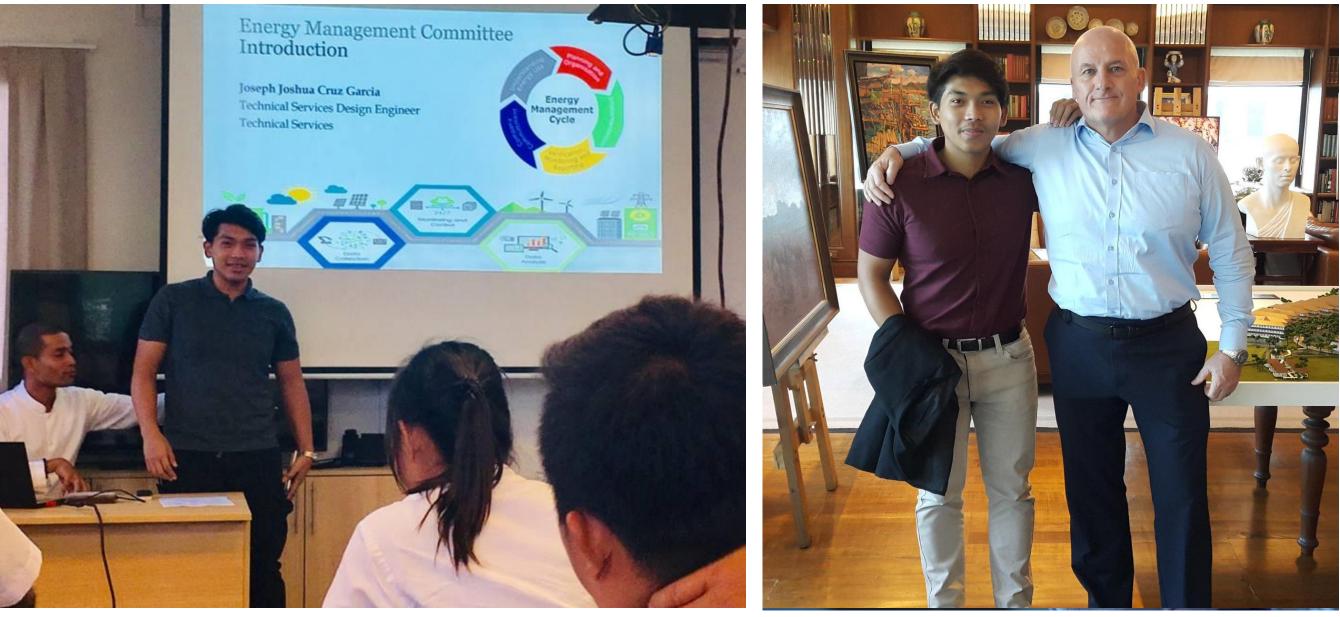
Corporate Policy on Energy Management in place.

Locally chaired and co-chaired by the Director of Engineer and the Sustainability Manager at every property.

Composed of departmental managers and supervisors from F&B, Kitchen, Laundry, Rooms, and other departments. Different gameplay, different teams, but one shared goal.

Targets tied to % Gross Operating Revenue (e.g. 5%).



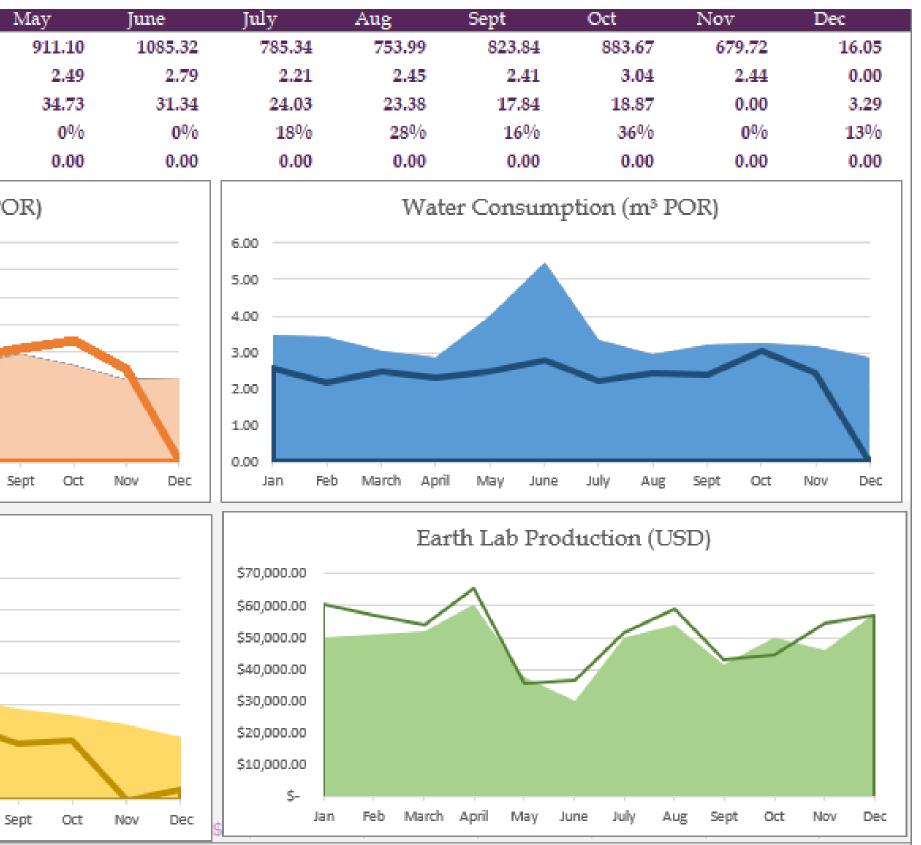




SUSTAINABILITY PERFORMANCE INDICATOR DATA

128 data points; group-level amalgamation

SPI 2018		Jan	Feb	March	April]
Key Indicators & Targets	Energy Consumption (kWh/RmNight)	701.09	607.58	819.30	624.14	
	Water Consumption (m³/RmNight)	2.56	2.18	2.48	2.31	
	Solid Waste (kg/RmNight)	23.19	19.43	18.32	21.27	
	Waste Diversion Rate (%)	11%	11%	19%	16%	
	CO2 Emissions, Scope 1&2 (metric tons/RN)	0.00	0.00	0.00	0.00	
			Energy	y Consump	tion (kWh	\mathbf{PC}
		1600.00				
		1400.00			<u></u>	
		1200.00				
		1000.00				
		800.00				
		600.00				
		200.00				
		0.00				
			Feb March Ap	xril May June	e July Aug	S
Key Indicators & Targets 2017			Waste (kg/RN)			
		70.00		`	0, ,	
		60.00				
		50.00				
		40.00				
	Energy Consumption (kWh/RmNight)	30.00				
	Water Consumption (m3/RmNight)	20.00				
	Solid and Liquid Waste (kg/RmNight)	10.00				
	Waste Diversion Rate (%)					
	Carbon Footprint - Resort (metric tons/RN)	Jan Fel	b March April	l May June	July Aug	Se
	Earth Lab Production (USD)			,	, 0	





DATA BENCHMARKING WITH CORNELL









Club Med ¹/₂

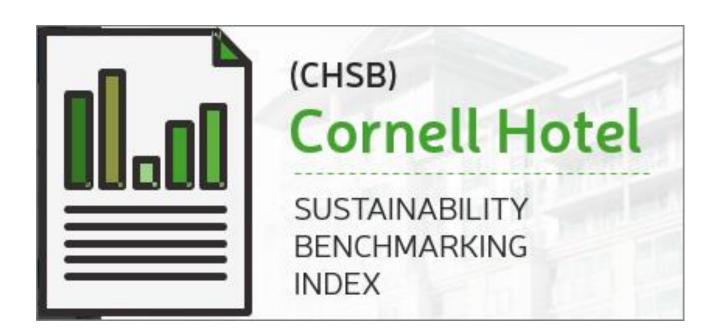






THE HOSGRONG AND SHANGHAI HOTELS, LIMITED 香港上海大酒店有限公司

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HOSPITALITY MANAGEMENT







MANDARIN ORIENTAL THE HOTEL GROUP







- Energy Consumption per Room Night •Water Consumption per Room Night • Energy generated by Solar Panels:
- (% of total Energy cor
- Recycled Waste Water:
- Total plastic water bottles Diver
- (i.e Glass water Bottle
- Organic Garden production
- Organic Eggs :
- Mushroom production :
- Total Number of COTs kille





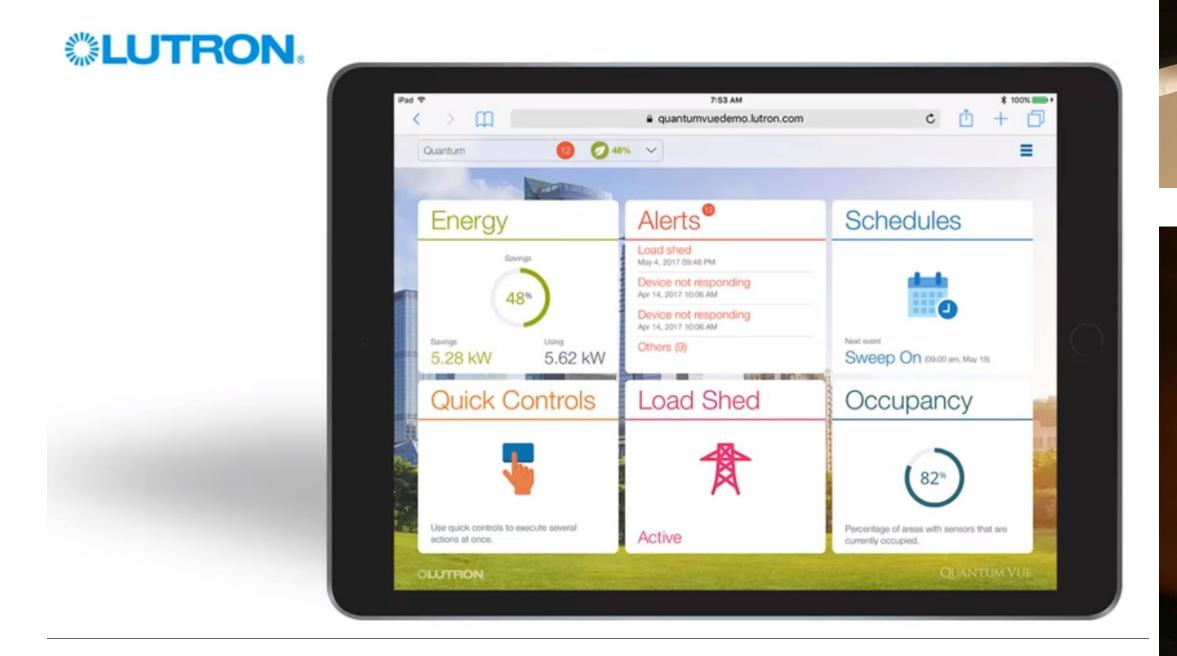


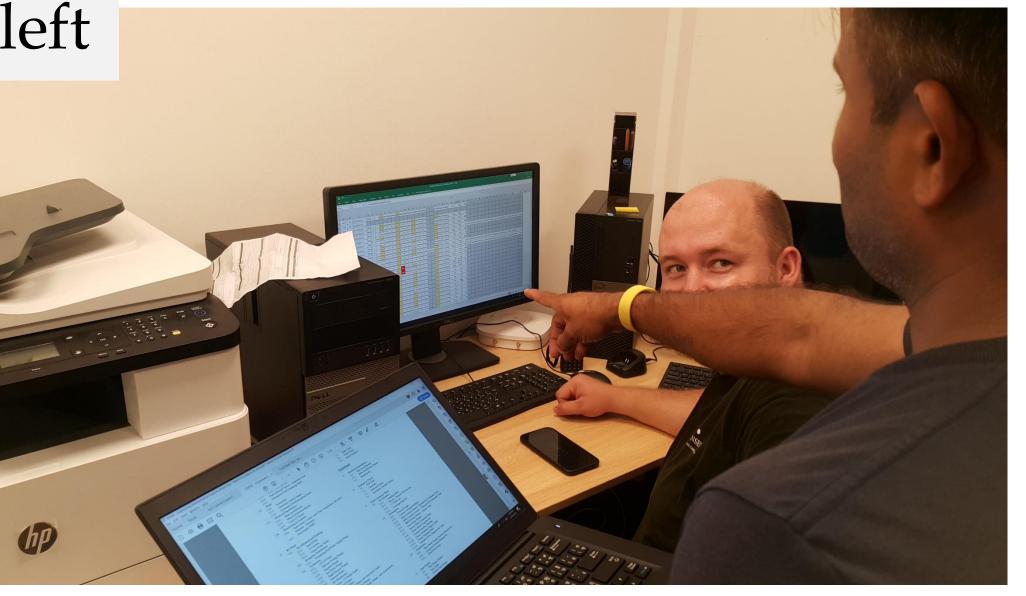


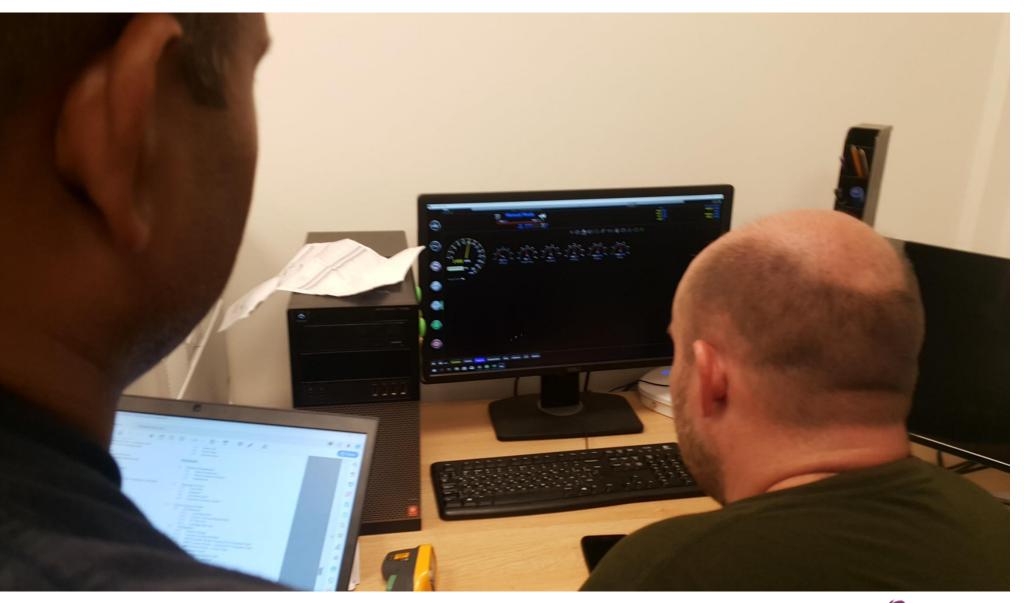
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Let's use AI (Artificial Intelligence) for an extra hand..

Building Management and Automation System















Here's what we saw..

- 1. Policy plays a role making ROI and Capitalized cost on RE projects more attractive.
- 2. Building, Environmental, and Energy Codes help make design and execution of works be more guided.
- 3. Third party Sustainability and Energy Efficiency certification such as LEED, BREEAM, Green Mark, Lotus etc. help design be more guided and ensures Sustainability Targets (certification targets) are being met. These parties review and advice on the over-all design direction and works.
 - In general, certification requirements are stringent on energy efficiency.. accounting to about 40-60% of the total requirements.

The time is always right to do what is right.

Martin Luther King

SIX SENSES HOTELS RESORTS SPAS

