

Towards Corporate Sustainability 2014



The unique story of
Siloso Beach Resort

Siloso Beach Resort Sustainability Report 2014

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Review:

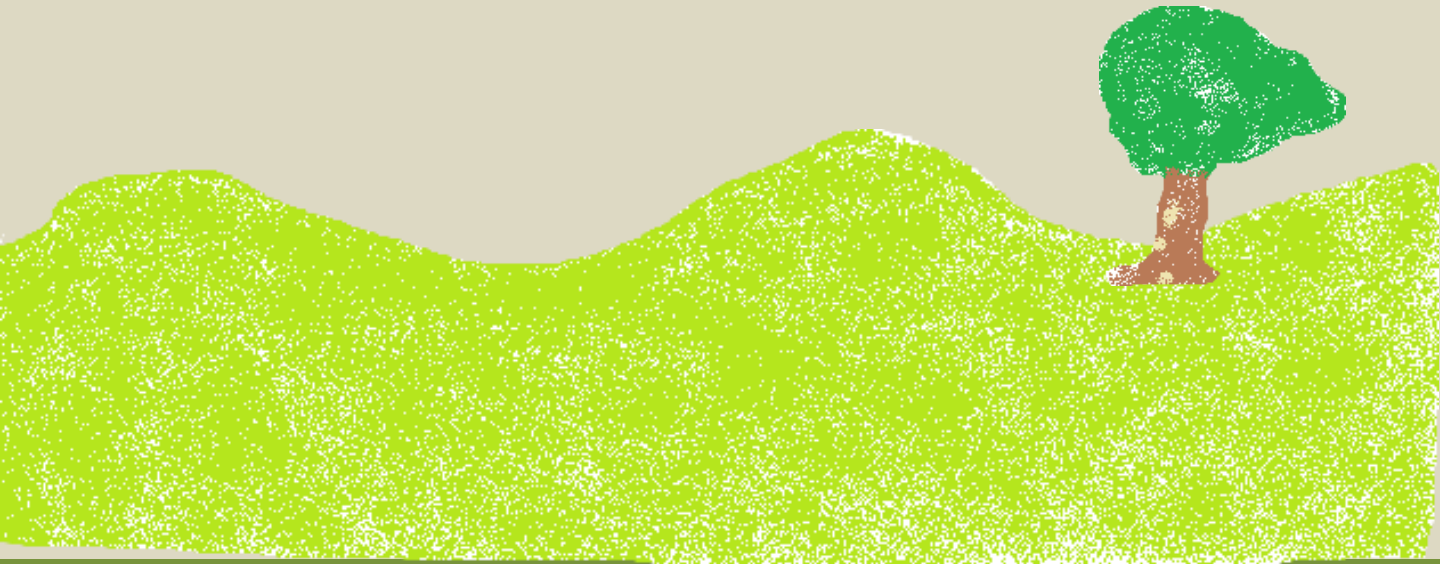
Internal Review:
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Committee
24th Oct 2014

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October 2015**



Siloso Beach Resort Sustainability Report 2014

This report follows the latest
ISO 26000 guidelines on Social
responsibility as well as the
GRI 3.1





PRESIDENT'S AWARD
FOR THE ENVIRONMENT

PRESIDENT'S AWARD FOR THE ENVIRONMENT



This award is conferred on

SILOSO BEACH RESORT

for being an outstanding example of a corporate entity which places environmental sustainability at the core of its business and operating philosophy.

Your significant and exemplary efforts will serve as an inspiration for others to follow.

Tony Tan Keng Yam
President of the Republic of Singapore

24 September 2013

PRESIDENT'S AWARD FOR THE ENVIRONMENT



SILOSO BEACH RESORT

.....

Siloso Beach Resort is a true exemplary of a corporate entity which places environmental sustainability as a core tenet of its operating philosophy and uses it to drive every business decision.

Siloso Beach Resort was conceived and designed with environmental preservation in mind. Built as an eco resort at the onset, Siloso Beach Resort was conceptualized in 2003 with the flora and fauna, and all natural habitats in its surrounding area preserved. Unconventional construction techniques were used to build over 200 hotel rooms while preserving over 200 fully grown trees and planting another 450 trees post construction. At the resort, the trees are literally integrated with the building structure.

Beyond preserving the flora coverage and biodiversity, the resort was constructed in a way that maximises natural lighting through an open concept that also allows freedom in movement of birds and insects through the resort premises. It enhances natural cooling by featuring an all natural spring water landscape pool. The resort also makes use of a very significant amount of re-used materials in the built structure, and taps on rainwater harvesting and purification extensively.

The resort has embarked on other green initiatives such as the growing of a roof top garden. Vegetables are produced organically at the garden using a composting system that is managed on site. Part of the produce from the garden is served at the resort's restaurant which prioritises purchase of food from local and regional food sources to reduce carbon footprint.

Siloso Beach Resort has also been running a very active corporate social responsibility (CSR) programme which speaks of a high level of commitment to outreach on sustainable initiatives. Some of the CSR programmes include the "biodiversity.sg" website which it developed and promoted in collaboration with various organisations including Conservation International, Singapore Environment Council, World Wide Fund for Nature, and the National University of Singapore; and providing complimentary specialised eco-tours to resort guests, schools, and walk-in visitors.

A leader amongst corporate entities, Siloso Beach Resort truly deserves to be the first 'hotel' to be awarded the President's Award for the Environment 2013.

Content Highlight

We are transparent in reporting:
We report on the great, the good, the bad...and hopefully we do not think we have any ugly

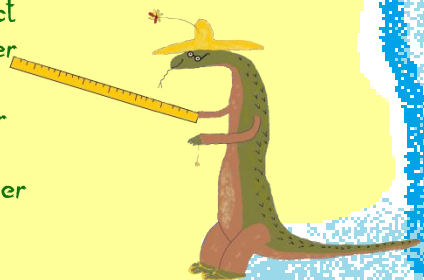


Squirzy: "Prof Monitor, this report is sooooo looong zzz Why we didn't produce a shorter report for impatient readers like me??"

This is **NOT** a "conventional" sustainability report. At SBR we do nothing in an ordinary way. Our business model is most unusual...

This report is however **a story of SBR** which **includes** a **full sustainability reporting** according to the **GRI 3.1 guidelines**

Prof Monitor: "Yes, Squirzy that is a very good point. Actually a shorter report is always better. The decision to extend the report relies on the fact that this is not only a sustainability report but rather a statement of the story of **SBR** since its conception which includes a detailed analysis of our strong sustainability commitments. The length of the report does not reflect a lack of planning but rather that we have a lot to share with our stakeholders into one single report"



Siloso Beach Resort Sustainability Report 2014

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This report provides content according to GRI 3.1 Guidelines, but also a range of case studies on best sustainability practices.



SBR's Villa Wing





UN Global Compact

As of **1st February 2012**, SBR is proud to be a member of the United Nation Global Compact.

About the United Nations Global Compact

The United Nations Global Compact is a call to companies everywhere to voluntarily align their operations and strategies with ten universally accepted principles in the areas of human rights, labour, environment and anti-corruption, and to take actions in support of UN goals, including the Millennium Development Goals. Endorsed by chief executives, the UN Global Compact is a leadership platform for the development, implementation, and disclosure of responsible corporate policies and practices. Launched in 2000, it is the largest corporate responsibility initiative in the world – with over 8,000 signatories based in more than 135 countries.

For more information: www.unglobalcompact.org.

The UN Global Compact asks companies to embrace, support and enact, within their sphere of influence, a set of core values in the areas of human rights, labour standards, the environment and anti-corruption.

Engaging in the Global Compact and implementing the principles will help SBR to:

- *improve organizational integration of environmental, social and governance issues. address the company's expanded business opportunities and risks;*
- *improve operational efficiencies;*
- *access the experiences and good practices of peers;*
- *acquire practical know-how;*
- *attract, motivate and retain employees;*
- *increase trust in the company and renew its license to operate;*
- *improve corporate reputation and brand image;*
- *engage in a proactive and constructive dialogue with civil society and other stakeholders;*
- *strengthen stakeholder relations, both globally and locally;*
- *establish better links with the United Nations;*
- *take a leadership role on critical issues & network with other organizations;*
- *respond to financial market expectations and improve access to capital.*

Global Compact 10 Principles

Categories	Global compact 10 principles
Human rights	<ul style="list-style-type: none">• Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and• Principle 2: make sure that they are not complicit in human rights abuses
Labour	<ul style="list-style-type: none">• Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;• Principle 4: the elimination of all forms of forced and compulsory labour;• Principle 5: the effective abolition of child labour; and• Principle 6: the elimination of discrimination in respect of employment and occupation.
Environment	<ul style="list-style-type: none">• Principle 7: Businesses should support a precautionary approach to environmental challenges;• Principle 8: undertake initiatives to promote greater environmental responsibility; and• Principle 9: encourage the development and diffusion of environmentally friendly technologies
Anti-corruption	<ul style="list-style-type: none">• Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery

SBR fully supports and follows the 10 principles of the UN Global Compact



In 2012 SBR submitted its first sustainability report which was granted an A level rating from the GRI. This year we have updated our report to include latest developments and performance indicators. All elements of the previous report have been maintained to continue to comply with GRI 3.1 A level standards

GRI Application Level Check from 2012 Sustainability Report:



Statement GRI Application Level Check

GRI hereby states that **Siloso Beach Resort, Sentosa** has presented its report “Siloso Beach Resort Sustainability Report 2012” to GRI’s Report Services which have concluded that the report fulfills the requirement of Application Level A.

GRI Application Levels communicate the extent to which the content of the G3.1 Guidelines has been used in the submitted sustainability reporting. The Check confirms that the required set and number of disclosures for that Application Level have been addressed in the reporting and that the GRI Content Index demonstrates a valid representation of the required disclosures, as described in the GRI G3.1 Guidelines.

Application Levels do not provide an opinion on the sustainability performance of the reporter nor the quality of the information in the report.

Amsterdam, 22 October 2012

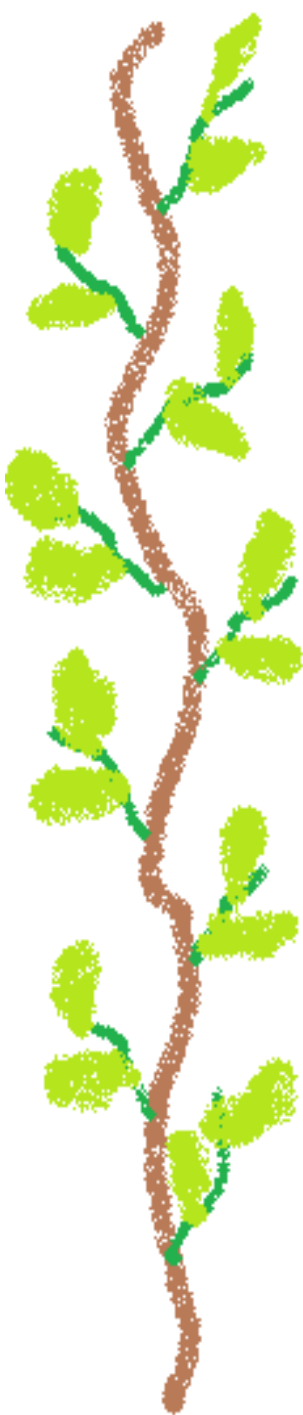


Nelmara Arbex
Deputy Chief Executive
Global Reporting Initiative



The Global Reporting Initiative (GRI) is a network-based organization that has pioneered the development of the world’s most widely used sustainability reporting framework and is committed to its continuous improvement and application worldwide. The GRI Guidelines set out the principles and indicators that organizations can use to measure and report their economic, environmental, and social performance.
www.globalreporting.org

Disclaimer: Where the relevant sustainability reporting includes external links, including to audio visual material, this statement only concerns material submitted to GRI at the time of the Check on 28 July 2012. GRI explicitly excludes the statement being applied to any later changes to such material.





Welcome to our Eco-Resort!



Siloso Beach Resort is an **Eco Resort** on the island of Sentosa in Singapore



Managing Director Statement 2014



Siloso Beach Resort
Blending Life and Leisure with Nature

The year 2013-2014 has been another happening one for Siloso Beach Resort. We have made great progress in our journey towards sustainability through the reinforcement of existing initiatives such as our strong as ever eco tour (over 7500 attendees reached, exceeding our targets) and the development of new ones such as joining the global Plastic Disclosure Project.

Our continuous push for environmental and social efforts has been further recognized through a number of remarkable awards and recognitions of which the National Parks Community in Bloom Platinum Award and Enabling Employers Award – In Recognition. These awards further motivate us to continue on our current sustainable development path and offer unique opportunities to raise awareness on the need for businesses to adopt a more sustainable path.

It is clear that SBR fully adheres to the commitments, initiatives and principles of the UN Global Compact and that we will unconditionally continue to do so in the years ahead.

SBR has taken a number of practical actions to implement the Global Compact principles:

Human rights: We have always been following the UN Global Compact ten principles including on human rights. SBR has never had any infringement of these principles and we intend to keep it this way. Going beyond just adhering to these principles we actually have put into place a range of practices that help to raise awareness on stronger human rights policies especially with regards to social employment and supporting a range of social causes such as disaster relief efforts or various social groups.

Labour: We have reinforced and implemented a number of measures which make us a more responsible employer. Some initiatives include new work life balance programs for the staff, continuing our efforts to employ people with disabilities (In 2014 our employment of PWD remains strong with 14% of our workforce that would fall under this category), improvement of facilities and systems for staff usage and comfort.

Environment: As always our commitment to environmental causes remains strong. While we have continued with existing strong measures and programs we also have developed new initiatives. Some include classes on herbology and green living for hotel guests, development of our rooftop garden, investment (again) in a new component of our chiller systems making it even more energy efficient, supporting a range of environmental causes and events. SBR will put more emphasis on the benefits of energy saving through passive design rather than technology (for instance, by showcasing our roof top garden as a case study).

Anti-corruption: SBR has never had any case of corruption. We have put in place all the proper measures to avoid such including regular third party external audits and transparency in financial information through reporting initiatives. One of the major upgrades in the upcoming year will be to expand on the service offerings.

We have reached most of our targets set in our previous report (refer to annex) and have set ourselves new targets for the year ahead that will be even more challenging.

We are proud to see a continuous improvement from our last report which showcases that our initiatives are not short-term efforts, but have been constantly developing and growing.

I look forward to reporting on our progress next year and our continuous support to the UN Global Compact.

Kelvin Ng
Managing Director
Siloso Beach Resort



Introduction

Our journey towards sustainability

At Siloso Beach Resort (SBR), we like to see ourselves as a very special hotel when it comes to sustainability and environmental values and I would like to highlight what I mean by this:

Our vision of a sustainable business

Even before SBR was conceived more than 9 years ago, it was decided that it would become an eco-hotel. This hotel would not only adopt unique sustainable features in its design, but also act as a showcase of best sustainable practices to all our stakeholders.

Coming from a construction background, I have noticed first hand over the years the level of very significant impacts that this sector has on our environment. It was our vision that perhaps the construction of a hotel, which showcases how things can be done differently while still remaining a viable business model, could play a significant role in progressing towards a less impactful industry sector.

Since this vision was first conceptualized, we have gone a long way and are still growing strong into what has become our journey towards sustainability.

The construction phase

This journey did not start without major obstacles. At the time of construction, our vision of a sustainable hotel was seen as very unusual by many of our contractors and stakeholders and it took determination and passion to proceed in making it a reality, the way we wanted it to be.

Perhaps one of our strongest and most unusual determinations was **to preserve all the existing trees** on site. The location on a forested part of Sentosa and on a hill side was did not prove easy. In order to preserve these trees we had to apply **most unusual construction techniques**. These measures have allowed us to construct a 200 room hotel while **preserving over 200 fully grown trees and planting another 450 trees** post construction. At SBR the trees are literally integrated within the building's structures.



Siloso Beach Resort

Blending Life and Leisure with Nature

Going beyond preserving the vegetal coverage and its inhabiting biodiversity, the buildings were constructed in a way that:

- *Maximise natural lighting through an open concept;*
- *Maximize natural cooling through efficient design as well as the implementation of unique features such as what remains (to the best of our knowledge) the longest self-maintained roof top garden in Singapore;*
- *Making use of a very significant amount of re-used materials in the built structure;*
- *Making use of the natural shape of the terrain (for instance our landscape swimming pool has been placed on top of an existing maintenance road).*
- *Rainwater harvesting and purification passive features;*

At SBR we believe that real sustainability can only come from **good initial design** to minimize environmental impacts and maximise energy efficiency through passive means. This is what we are actively trying to promote.

Post-construction

Following the success of the construction phase, it quickly became apparent that much more could be achieved than just growing the business without further consideration for the environment. On the contrary we had to take advantage of this unique position to continue on our path of sustainability through retrofitting and Cleantech investments.

As such, numerous initiatives and investments have gone into further reducing the environmental impacts post-construction. To site a few:

Water minimization through numerous water saving features including an elaborate water treatment system. This system makes use of an underground **natural spring reservoir** which was discovered during construction (all the water for gardening and other applications such as the pool is not making use of any precious tap water but instead uses a natural resource that we have the chance of having on site);

Energy use minimization through smart appliances (best in class energy efficient lighting solution) but most notably through the early investment in a third generation heat exchange...

At SBR we have an holistic, progressive and continuous approach to sustainability

Introduction

Our journey towards sustainability



Siloso Beach Resort

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..system which was one of the first to be installed in Singapore;

•**Waste management:** through various practices but also through investments such as our food waste decomposer (one of the first to be tested in Singapore) as well as through our active recycling program.

Management and outreach

The next logical step in our journey towards becoming a more sustainable business model was to relook into our management to **incorporate sustainable practices at all level of operations**. This was already implemented since the beginning but we went into a great deal of effort to revamp our policies, staff training and outreach policies to push the concept of sustainability even further and making sure that it is well integrated and communicated throughout the organization, not just as guidelines, but more like **a corporate culture**.

CSR

CSR was the most visible change in our outreach initiative. The level of commitment to outreach on sustainable initiatives through our CSR programs is truly an achievement. SBR has since been running very successful outreach programs.

Some of our most visible outreach platforms to date include the **Biodiversity.sg platform** (www.biodiversity.sg) as well as our very successful **Eco Tours** which we use to communicate our practices to various stakeholders (to date more than 7000 people from sectors as diverse as schools, universities, corporations, government agencies...have undertaken our eco tours).

We regularly outreach on global environmental issues through our contribution to various media platforms including www.eco-business.com (one of Asia pacific's largest environmental business communities). We are regularly featured in press releases as well as articles and blogs on sustainability best practices not just in Singapore but increasingly on an international level.

Donations

We regularly donate to various environment or social related causes should it be in the form of sponsorship of events,

direct donations or providing facilities.

We have donated to various environmental and social causes including a **single donation for the amount of half a million dollars** to the **National University of Singapore** for the purpose of raising funds to bring real dinosaurs to Singapore.

Special projects and R&D

SBR has embarked on a range of very special projects that many might see as very unusual in a hotel environment. Some of these projects include:

-Roof top gardening: where **we produce our own vegetables organically** using an experimental worm composting system that we manage on site. Part of the production goes back to our F&B department.

-The display of **real dinosaur bones on site** in order to promote the upcoming Singapore Natural History Museum and outreach on conservation issues.

-**Numerous** environmental outreach messages onsite through various means such as mascots, display panels, in house environmental TV channels and more, which we use to promote awareness on the most pressing global and local environmental issues such as Global Climate Change, pollution, biodiversity losses, water conservation...

Our credentials as a small business promoting sustainability practices:

SBR is the winner/recipient of several awards of which:

- Singapore President's Award for the Environment*
- ASEAN Business Award for CSR*
- Singapore Environment Achievement Awards (Top achiever 2010);*
- The Singapore Sustainability Award*
- Singapore Sepcial Mention CSR Award*
- The first hotel in South East Asia to be certified as an Eco Hotel from TUV Rheinland (international certification body);*
- The first hotel in Singapore to be certified under the Singapore Environment Council Eco hotel certification Scheme (we served as the model to develop this scheme);*
- One of the first hotels in Singapore to join The UN Global Compact;*
- And numerous very unique environmental related programs,*



Introduction

Our journey towards sustainability

Commitment

At SBR we are convinced that **corporate sustainability is the only way forward** and we will continue on our journey towards continuous improvement in this direction. We believe that a single small business like ourselves can play a role by not just adopting such practices to our own business but, in our opinion even more importantly, to remain active in sharing these practices by **outreaching to society** and possibly inspiring many others to adopt a similar development path.

Perhaps our most driving conviction behind all of this is that as a hotel we are indeed in a position to influence and possibly educate people from all kinds of origins, nationalities, business sectors and interests, on a range of pressing environmental issues. The feeling that we are actually doing this is one of our greatest achievements.

I hope that the above very brief highlights give you an overview of what we are trying to do for the environment and sustainability in general even though we are just a small business, and that the following report could inspire many other businesses to embark on this journey of sustainability with us.

Sincerely,

Mr Kelvin Ng,
Managing Director, Siloso Beach Resort



Pic: Our latest eco pond



Siloso Beach Resort

Blending Life and Leisure with Nature



SBR's waterfall

*"At Siloso Beach Resort, Sustainability is not just a practice, it is **a core component** of our management which drives every decision that we make"*



SBR's Central Court & pool by night

Vision: The Resort aims to set the environmental benchmark to allow our guests and the community to experience a quality eco friendly environment that will encourage them to adopt environmental initiatives

Mission: The Resort will continuously strive to reduce its ecological impact by adopting best practices and applying appropriate new technologies

Values: At the resort we believe that:

- Our commitment to the environment begins with our employees, stakeholders, customers and community. It requires both enormous dedication and real ingenuity and is a long term process;

- Each one of us needs to change our critical behaviors and be environmentally conscious on a daily basis;

- Community and customers are essential to our long term success and we need their involvement and support to build a successful and sustainable environment program;

- We need a complete and holistic approach in tackling environmental challenges;

- Our plans, strategies, people and processes must be built on the foundations of continuous improvement.

- Providing quality services and accommodation to our customers

The story of Siloso Beach Resort

This sustainability report, **the second** of the series, is set to mark a new era at Siloso Beach Resort. Siloso Beach Resort (SBR) is a **very unique hotel in many ways** and this report intends to highlight the reasons why.

Following the implementation of numerous sustainable initiatives, best practices and policies, it became apparent that the next step for SBR to embark on would be to produce a sustainability report that would provide **a highlight of the journey into a single document.**

SBR is proud to be one of the very few hotels which was **purposely built, from its conception, to be an Eco Hotel** and to apply best sustainable practices throughout all its operations. The commitment of SBR to be a reference in the sustainability field is strongly present in daily operations.

This report tells the Story behind the mind-set that has led to what SBR is today, the different stages of development and the unprecedented commitment of its management to set the benchmark of a new era of sustainable business models in the leisure industry and to continually pursue in this direction.

Realisation of a rapidly changing world

One of the main drivers behind SBR adopting a sustainable business model is the realisation and acceptance by its management that we live in a fast changing world in which environmental issues are high on the agenda and in which businesses have an important role to play in helping limit its impacts on the environment. Global concerns such as climate change, pollution, biodiversity losses, fresh water depletion and more, are of great concern to current and future generations and something needs to be done.

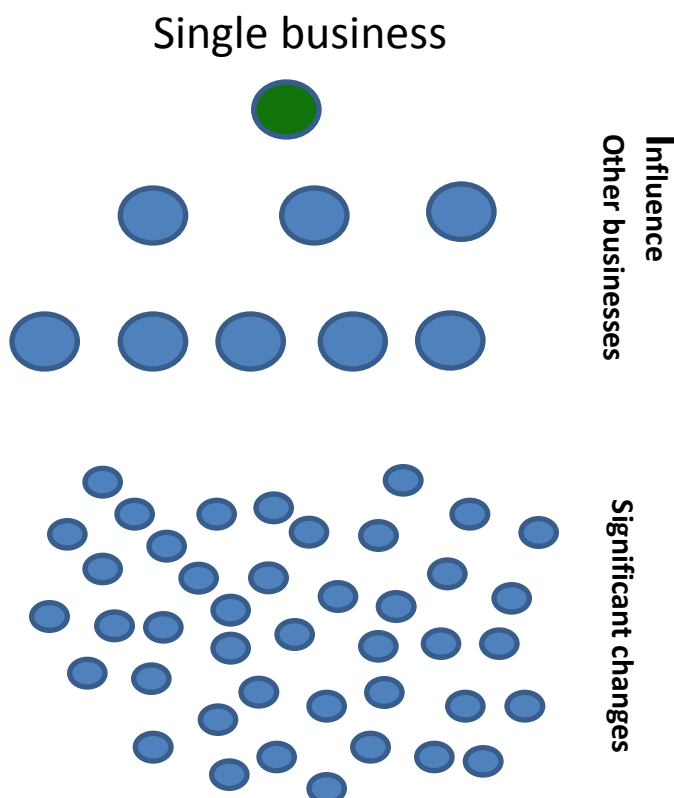
SBR believes that it can play its part by reducing environmental impacts on its premises through the adoption of sustainable practices at all levels of operations but also by sharing its opinions and initiatives with society through its CSR programs. It is apparent that while one single organisation can only make small and often insignificant differences on a national or even global scale through its daily operations, it can have very significant impacts on a larger scale by influencing various stakeholders and



Siloso Beach Resort
Blending Life and Leisure with Nature

It is precisely this potential to make a real change by **influencing the numerous guests** who transit through the facilities that has pushed SBR in this direction. The hotel industry is one that has the most potential to influence many people, yet it is also one of the sectors that has made little progress in this field.

One single business adopting and showcasing sustainable practices can influence many others to adopt a similar development path:



Constructing an eco-resort from the very start

SBR's view is that in this type of business (built environment/hospitality) integrating sustainable practices from the very beginning (and in particular the construction phase) is key as there is only so much that can be achieved in reducing environmental impacts post-construction. If a developer is in a position to implement sustainable thoughts from the very beginning, then it should be done at this stage.



At Siloso Beach Resort (SBR) the concept of sustainability is not new, in fact even before the hotel was built more than **nine** years ago, it was decided that SBR would adopt a sustainable business model. At this stage three key decisions were made which were considered highly unusual at the time:

Our 3 guiding principles:

- 1) *The natural terrain would be preserved;*
- 2) *The trees would be preserved;*
- 3) *The resort would have minimum covered area.*

Since then the concept of sustainability has been well established and remains a core component of the business model with strong initiatives at all levels of operations:



Unique Environmental attributes: with features such as truly innovative environmentally friendly construction techniques; the longest self-sustained rooftop garden in Singapore; the only 100% spring water landscape swimming pool in Singapore; and numerous other unique environmental practices and initiatives in a hotel environment.

Socially responsible: with features such as SBR Eco Tours; regular sponsorship of numerous sustainability events; and its latest CSR program: The Biodiversity.sg website, SBR continuously gives back to society and actively promotes the concept of sustainability.



Siloso Beach Resort

Blending Life and Leisure with Nature

Economically viable: with average high hotel occupancy, SBR is not only a sustainable hotel but an economically viable business as well that will continue to use its facilities as a showcase of sustainable practices and a test-bed of environmentally friendly technologies.

Siloso Beach Resort, Sentosa, is **a recognised and certified eco-hotel** from TUV-Rheinland and the Singapore Environment Council (certified from 2010/2011). Additionally SBR is the winner of several awards.

Our philosophy

*“Making money? Our life, besides making money, is also about happiness, enjoyment, health, and continuity. **This is our company philosophy..**”*

..How can businesses continue into the future if they cannot anticipate the world environmental problems?

It is for the simple fact that consumer awareness will lead to less profitability in the long run for those who do not practice sustainability.”

Mr Ng Swee Hwa

Chairman/Owner of Siloso Beach Resort



Case study :

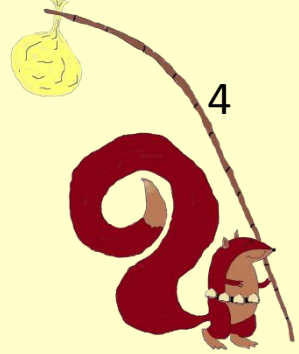
SBR's Pendulum of Sustainability™



Siloso Beach Resort

Blending Life and Leisure with Nature

1 Squirzy: "Prof Monitor, I drew this pendulum and it made me think of what you told me about sustainability. That it is all about balance and timing. Can you explain me in simple terms again using my pendulum, pleaaaaase?"



Squirzy: "Indeed, and when the pendulum oscillates from one end to another all three positions are given the same attention. But what happens if it is stuck in one of these positions??"

5

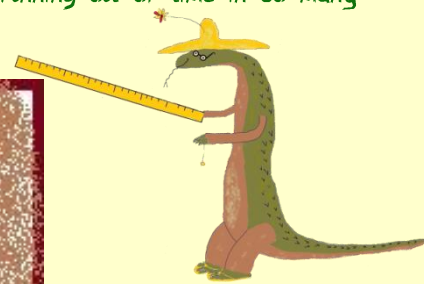
S Prof Monitor: "if the pendulum would be stuck on the social position, the environment and finance would not be given any consideration. The mechanisms is out of balance. It is without saying that the clock will stop: the business will collapse and very fast"

F Squirzy: "and let me finish, I think I know this one Prof Monitor: if the pendulum is just stuck in the finance position (which is the easiest position for it to be without movement/effort and probably the reason why most companies adopt this lazy model) then the business will do well in the short term but like with the other positions and without a movement driven by equilibrium the clock is doomed to stop, the business is unsustainable and will eventually collapse!"

7

2

Prof Monitor: "You just had a great idea Squirzy. Yes indeed, sustainability is actually a simple concept yet it is largely misunderstood. Your are right to associate a pendulum with the concept because indeed it is all about balance and timing. Balance in a sense that in order to be sustainable an organisation has to find an equilibrium between environmental, financial and social aspects. And timing in a sense that it requires long term planning but also to highlight that we are running out of time in so many ways!"



3

Prof Monitor: "imagine for a second that the pendulum represents the universe of sustainability symbolized by three positions: finance, Environment and social. Each representing an extreme of momentum. If the pendulum would be stuck on any of these, the clock would not work! Indeed, without a balancing momentum the charging mechanisms would not work and the clock would eventually stop in a short while. Well the clock symbolizes the business. Unsustainable practices cannot be sustained in time"

6

E Prof Monitor: "If the pendulum would be stuck on Environment, the finance and social aspects would not be given any consideration. The mechanisms is out of balance. It is without saying that the clock would also stop"



Deck near reception

SBR environmental statement:

*“SBR is committed to provide a memorable leisure experience while adopting and showcasing environmental and sustainability best practices. Our model is to **first protect** nature, then to reduce, reuse and recycle”*

SBR's open air concept is reflected in its design throughout the resort...only 28% is actually covered area

SBR's Waterfall

**Siloso Beach Resort***Blending Life and Leisure with Nature*

In addition to being an enjoyment for our guests, our waterfall is also part of an innovative swimming pool treatment system

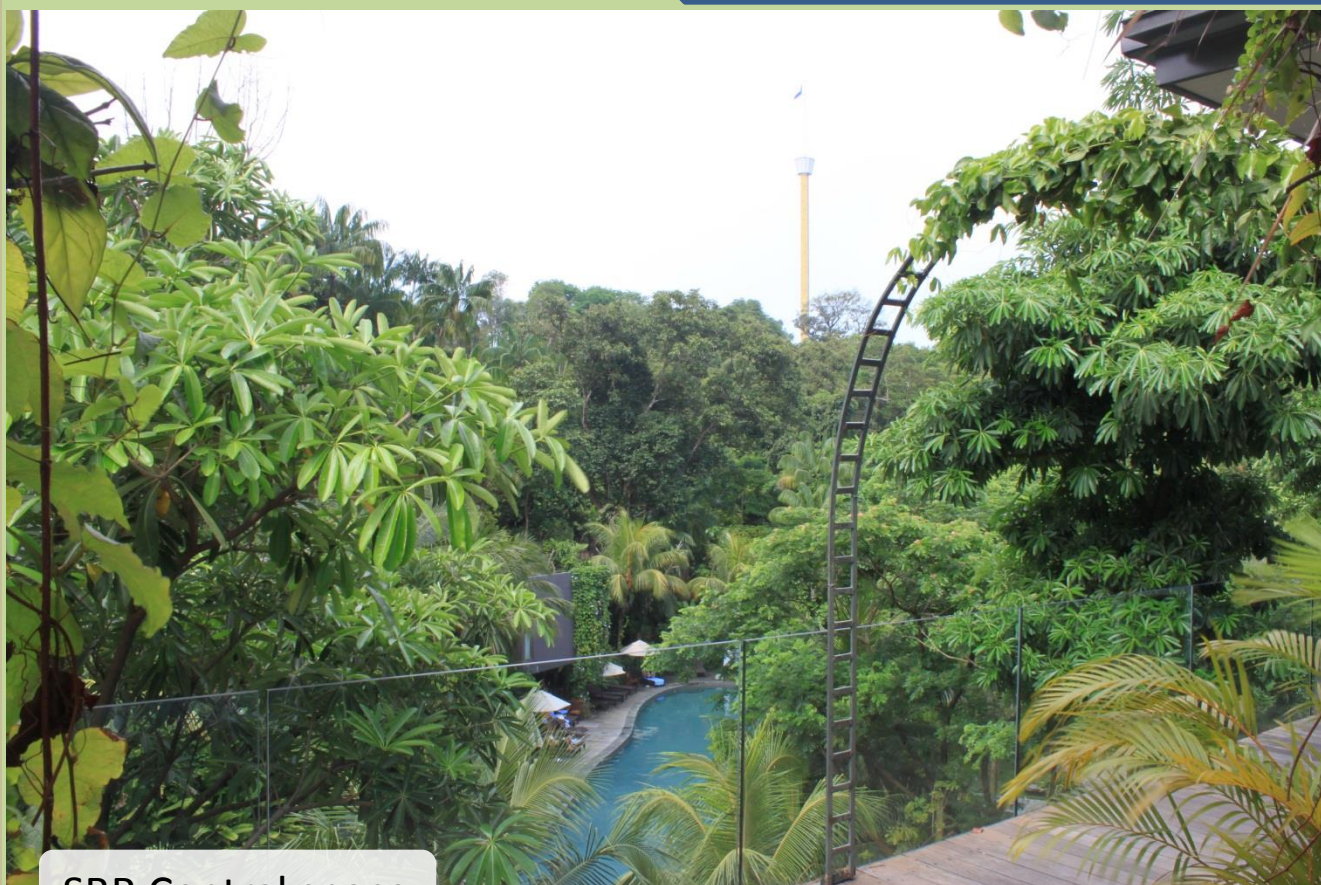


A jungle resort



Siloso Beach Resort

Blending Life and Leisure with Nature



SBR Central space



At SBR, the vegetal coverage is so dense that most of our buildings & structures appear **hidden in the vegetation**



1.2 Description of key impacts, risks, and opportunities

As a hotel business, Siloso Beach Resort acknowledges the fact that its operations have impacts on the surrounding environment and sustainability in general.

Key **environmental impacts** are of various sorts, the below points highlight the major ones:

SBR key impacts

•**Use of natural resources:** Concrete products (sand, limestone...), steel and other metals, wood products, living resources (F&B)...

•**Atmospheric Emissions:** Mostly from energy consumption which in Singapore originates from the combustion of natural gas. Other emissions are from activities such as transportation, gardening and other maintenance activities.

•**Land disturbance:** Construction activities have required some disturbance to the original landscape (despite the tremendous and unique efforts that have been made to limit the impacts).

•**Noise disturbance:** During construction and hotel operations

•**Water consumption:** Consumption of tap water from the network

•**Water contamination:** Rejects of contaminated water from operations to drains

•**Wastes :** Various wastes (organic & non-organic)

•**Biodiversity:** As a forested terrain, SBR activities have an impact on biodiversity (despite tremendous and unique efforts made to reduce the impacts).



Many of these impacts (not all) are regulated under Singapore law (e.g. noise, water contamination...). SBR is proud to meet **and in most instances exceed these legal requirements.**

Main processes in place to address performance and/or relevant changes

In order to address performance, SBR has a **sustainability committee** in place. The committee meets at least twice a year to assess the progress made and benchmark against standards and targets. Under the guidance of the committee, annual targets are set to address key sustainability issues. **Key performance indicators** are also put into place by the committee to monitor and **track changes and progress over time.**

During these meetings, issues regarding performance and potential changes are addressed which often leads to strategic planning and setting targets and objectives.



SBR sustainability committee regularly addresses performances and applies changes as needed

Approach to prioritizing these challenges and opportunities

SBR considers all the above impacts to be important but it also acknowledges that some have higher impacts than others and therefore should be given different reduction priorities.

SBR acknowledges the fact that its activities, as a business, have impacts on the surrounding environment and that it can work towards reducing these impacts



The beginning:

Picture: Mr Ng (owner) and contractor entering the forest site of what will become Siloso Beach Resort (2003)

“When we first saw the site it was very apparent to us that if we were going to build an eco-hotel here the terrain and its trees will have to be preserved to a great extent. We took this as a challenge not an obstacle ; this is precisely why we chose this site” Mr Ng

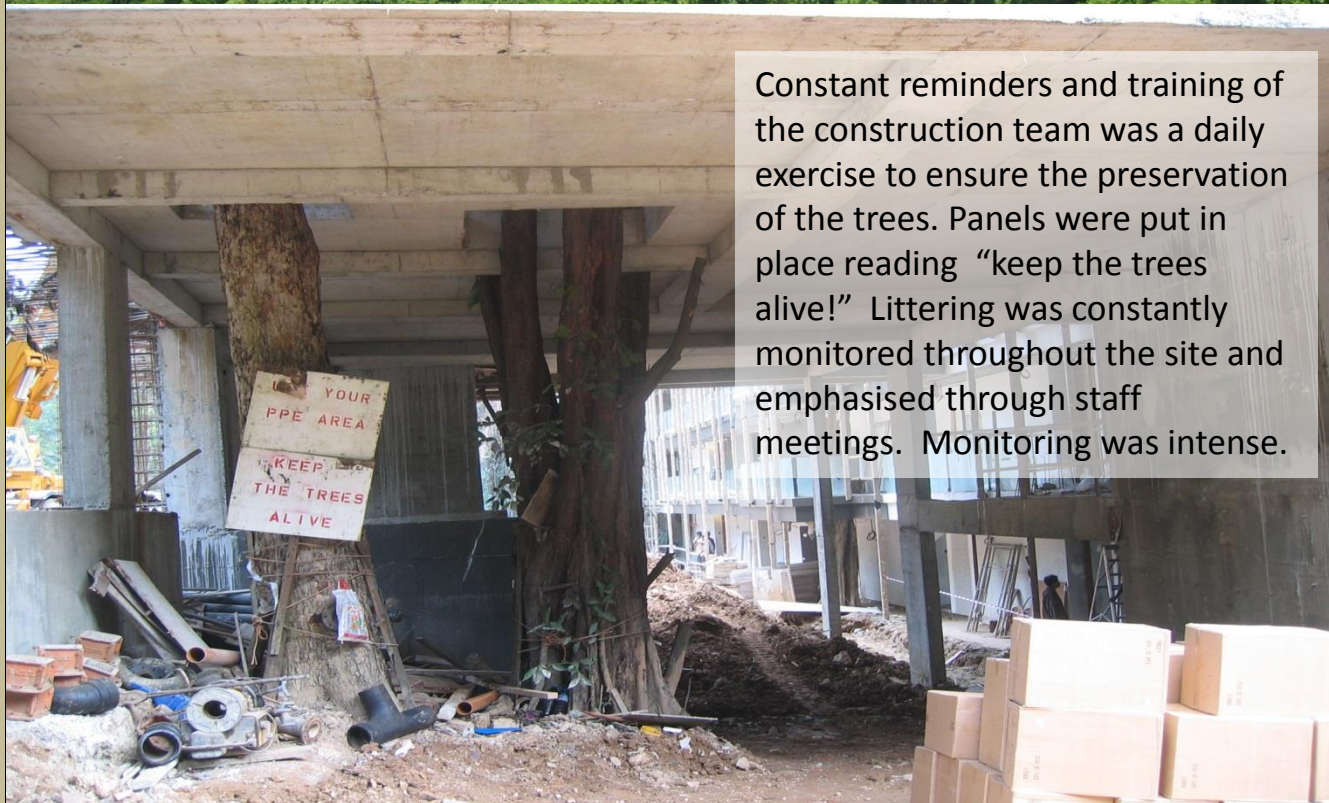
Constructing the resort



Siloso Beach Resort
Blending Life and Leisure with Nature



Building the resort inside a rainforest was a major challenge



Constant reminders and training of the construction team was a daily exercise to ensure the preservation of the trees. Panels were put in place reading “keep the trees alive!” Littering was constantly monitored throughout the site and emphasised through staff meetings. Monitoring was intense.

Constructing the resort

**Siloso Beach Resort***Blending Life and Leisure with Nature*

In order not to damage the trees roots, a special technique known as micro bore piling had to be used (vibrations were greatly reduced by doing so)



Constructing within a rainforest surrounded by trees also meant to use smaller machineries so as to navigate within the terrain to limit damage to the surrounding. Heavy machineries could not be used.



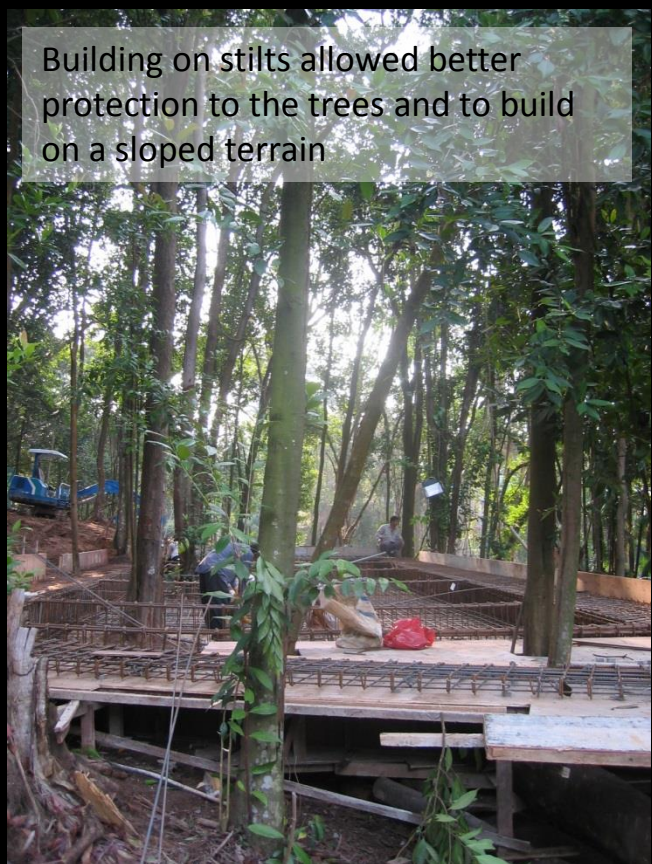
Constructing the resort



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Building on stilts allowed better protection to the trees and to build on a sloped terrain



Environmental Impacts

•**Use of natural resources: (high priority)** As a hotel the usage of natural resources is high. There are however a multitude of ways in which these impacts can be reduced.

•**Atmospheric Emissions: (high priority)** SBR acknowledges the seriousness of climate change and believes that it can play its role by significantly reducing its emissions and showcasing these efforts.

•**Land disturbance: (high priority)** Because SBR has been built on a pristine forested environment, preserving the terrain has always been of high importance.

•**Noise: (low priority)** SBR operates at below legal noise level. Noise has never been an issue within the hotel facilities. SBR however closely monitors its noise levels to ensure that there is no disturbance to its guests and wildlife.

•**Water consumption: (high priority)** SBR continuously pushes to reduce its tap water usage. However, due to the unique location of the resort above a natural water source and numerous water saving measures in place, tap water consumption is already very low for a hotel of its size.

•**Wastes: (high priority)** SBR already has many programs in place to reduce its wastes, often by reusing whatever waste can be utilised in other ways. SBR actively practices the 3R's.

•**Biodiversity: (high priority)** Because SBR has been built on a pristine forested terrain, preserving the biodiversity on site has always been of high importance.

•**Energy use: (high priority)** SBR is continuously trying new ways to reduce its energy usage through the adoption of new practices and technologies.



Siloso Beach Resort

Blending Life and Leisure with Nature

Key conclusions about progress in addressing these topics and related performance in the reporting period

•**Use of natural resources:** Numerous progress have been made to reduce the usage of natural resources of all sorts. Current achievements are judged satisfactory and SBR will continue to pursue its natural resources minimization strategy with targets for continuous improvements.

•**Atmospheric Emissions:** Numerous initiatives have been taken to reduce energy consumption. There is still a lot that can be achieved at SBR in terms of reducing emissions. SBR has identified this aspect as one of its priorities for the coming years.

•**Land disturbance:** Tremendous efforts have been put in place since the very beginning of construction work. Land disturbance reduction efforts have been very successful. SBR will continue to push for limited impacts in this field.

•**Noise:** Noise levels have never been an issue within the premises. SBR will continue to push for limited impacts in this field.

•**Water consumption:** Initiatives undertaken at SBR since its conception have resulted in very low water consumption. Water saving has been evident. SBR will continue to push for limited impacts in this field.

•**Water contamination:** SBR does not have rejects of hazardous substances in significant amounts. Water contamination at SBR is judged insignificant to date .

•**Wastes:** Since its conception, SBR has implemented numerous programs to reduce its wastes. Initiatives have resulted in very minimal waste being generated including from the F&B department. SBR will continue to push for limited impacts in this field.

•**Biodiversity:** Since its construction phase, SBR has taken extreme measures to preserve the biodiversity on site. This aspect has been very successful and exemplary. SBR will continue to push for limited impacts in this field.

•**Energy use:** Great achievements have already taken place at SBR to reduce energy usage and the hotel will continue to push for improvements.

Our Villa Wing



Siloso Beach Resort
Blending Life and Leisure with Nature



SBR Villa Wing



A truly unique retreat surrounded by nature...

Case study :

The “War Room”: our arguments for sustainability



Siloso Beach Resort

Blending Life and Leisure with Nature

2

Prof Monitor: “It’s ok Squirzy, we can play a role game if you want in which you would pretend to be the opposition, that is a company or individual that does not believe in sustainability, and I could be the one defending SBR’s point of view. Sounds fun, alright lets get started.”



3 Argument 1 “I heard this one so many times: Business is just about money, why do you even bother wasting your money on environment or social initiatives?”

4 Argument 1 “We believe that a business only focusing on finance cannot sustain in the long term. In other words we believe that we have greater chances to still be around in 20 years while you may well be out of business because of unsustainable practices”



5 Argument 2 “social or environment enterprises are things that our government is taking care of. Are you trying to play the role of the government?”

7 Argument 3 “It is too expensive to adopt sustainability practices, I rather spend money on other things like expanding the business”

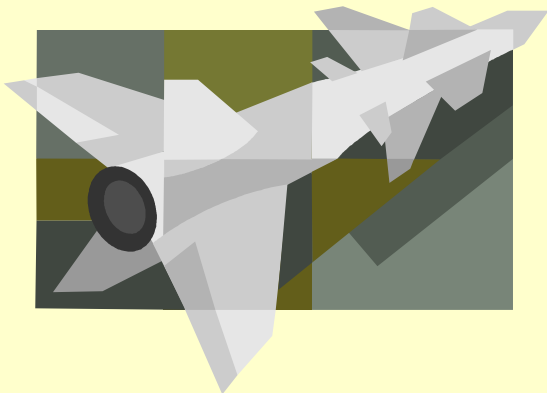
6 Argument 2 “no, not at all. We simply believe that Businesses can play a significant role as a responsible Corporate citizen in doing their part to support society and limit impacts on the environment. Governments are doing their part but a lot more is required. Furthermore, businesses can be very influential in inspiring many other businesses and individual to do similar things which in time may well influence governments in their policies”

9 Argument 4 “No one cares about what you are doing except you. Businesses are just focused on their own activities and that’s all”

8 Argument 3 “we don’t think so. There is of course an initial cost to adopt good sustainability but in the medium to long term the efforts will pay back in some way, either in financial returns through a healthy business and improved corporate image or simply in very significant savings achieved through investments in new technologies which are more energy/water/waste efficient. Keep in mind that it is foreseen that there can only be more and more taxes going against companies which do not practice sustainability. If you don’t pay the price now, believe me you will pay back some day anyway in one form or another”

10

Argument 4 “We believe on the contrary that businesses are becoming more and more aware of the sustainability trend and that it is becoming very present in how businesses like to operate including world leading companies. More and more companies are interested to know what their stakeholders including potential business partners are doing with regards to sustainability. More and more companies close their doors to other companies which do not share nor report on what they do as a responsible and sustainable business. The growing trend of sustainability reporting is a clear sign that businesses mindset is about to change”



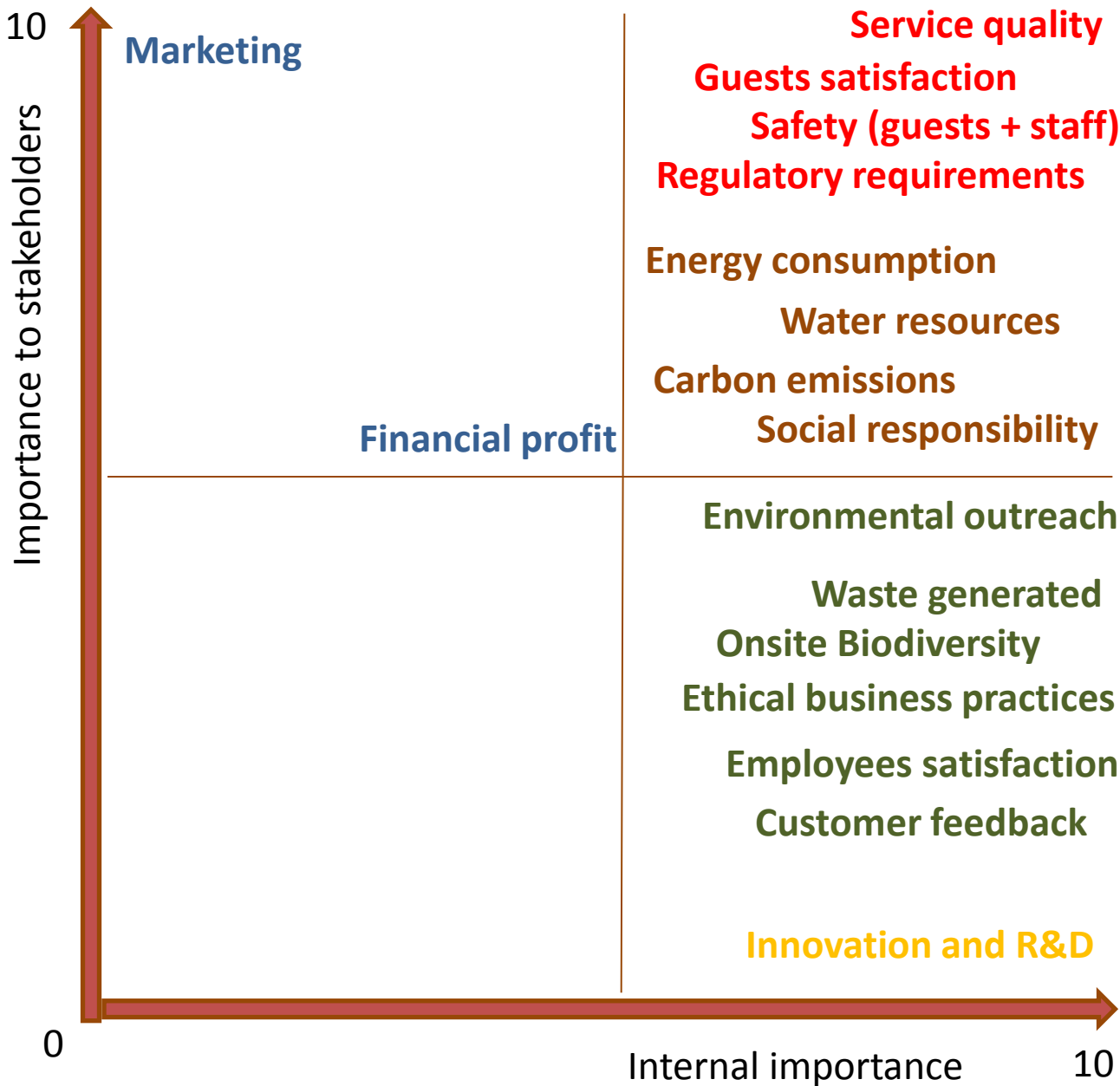
In summary: Be sustainable...or else...!!!

Assessing Materiality

Elements of primary importance:

Of course as a business, our priorities are **not only** towards the environment. The below highlights a bigger picture of our priorities:

- Through various surveys and internal discussions the below profile of materiality for the organization emerged. While **all aspects listed below are important to SBR and its stakeholders**, we can within this shortlist assign areas of importance based on the compilation of both SBR’s as well as stakeholders preferences.
- First it is not surprising that as a hotel, **guest satisfaction** and **safety** rank high.
- It is probably surprising to most people that SBR does not see marketing or financial profit **as its top priority**.
Marketing: SBR always had a soft marketing policy and relies mostly on a word of mouth approach to marketing rather than actively promoting its services. Financial profit: SBR has always been more of a social enterprise rather than a for profit business. It is important for SBR that its business is self-sustaining and from a financial point of view the hotel has been doing reasonably well since it started business which can be seen as a good example that a business applying sustainability practices can also do well financially.





Description of the most important risks and opportunities for the organization arising from sustainability trends;

SBR is conscious that many sustainability trends both local and international are a risk to the business but SBR tends to see them as opportunities. The below points highlight what SBR has identified as major risks to its operations both in the short and long term and the opportunities that they create.

Risks	Opportunities
Climate change related risks: -Sea level rise (as a beach resort, SBR is very concerned about this trend) . -Increase of occurrence of vector borne diseases (e.g. Dengue). As SBR’s facilities are on a densely vegetated terrain, increase of mosquito occurrence is a concern. -Rise in ambient temperatures (and therefore rise in energy needs) . -Implementation of more severe government tax on aspects such as emissions, water consumption in response to mounting environmental pressures.	-Opportunity for Investment in Cleantech in anticipation of rising energy costs. -Opportunity for partnerships with various stakeholders in raising awareness on these topics.
Global financial instabilities: World financial instability. As a business significantly dependant on foreign tourists, financial crises have a direct impact on SBR’s operations.	-Opportunities to secure business sustainability by diversifying the business -Opportunities to invest in cleaner technologies and anticipate for future pollution taxes
Local pollution	



Prioritization of key sustainability topics as risks and opportunities;

SBR addresses sustainability topics in a very holistic way. Its approach is not just focused on local issues but also on international sustainability aspects.

SBR has identified the following aspects as priorities:

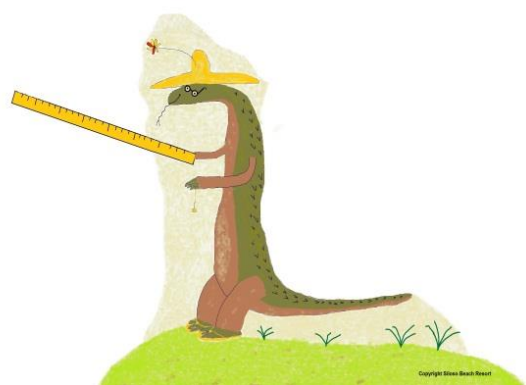
- Global Climate Change;*
- Global Biodiversity Loss;*
- Global depletion of fresh water resources;*
- Operations Financial growth.*

SBR believes that it can play its role in all of the above to various extents (mostly by raising awareness on the issues), however it also believes it can be more effective by focusing on particular aspects. For this reason, **biodiversity issues** have been chosen as SBR’s primary focus point.

Tables summarizing: Targets, performance against targets, and lessons learned for the current reporting period;

SBR is very target oriented. The following sections highlight these targets

Prof Monitor “At SBR we set up regular targets because we believe that it is important to have a focus point to aim for in both the short and long term. By setting up yearly targets we are able to achieve greater results than if we were to try to do everything at the same time (a bit like what Squirzy does!). On the other hand by also setting up longer term targets we can track where we are going in the future and adjust our yearly targets accordingly”



Targets



SBR is very target oriented, every year old targets are reviewed and new ones are set. SBR has in fact been setting itself targets since its conception and has an excellent track record of meeting the targets that it fixes itself.

Below is a list of our latest targets which have been set over the years. Most of these targets have been achieved.

A list of targets set for years prior to the reporting period are available in annex

Targets for the 2014 – 2015 reporting period:

Component	Target	Comment
Marketing	Significant rebranding of the hotel main website to give a new look and image reflecting an eco-concept	In progress
Financial profit	To continue on a recovery path from a financial slowdown in 2012	In progress
Guests satisfaction	To continue to improve guest satisfaction through improvements in both services and infrastructure upgrades	In progress
Service quality	To start providing weekly training to F&B and front office staff on service quality	In progress
Safety	To maintain current Bizsafe level 3 certification	In progress
Regulatory requirements	To maintain compliancy with all regulatory requirements	In progress
Energy Consumption	To reduce energy consumption further through an upgrade of the main chiller system	In progress
Water resources	To continue all water management initiative and aim for further reduction (if possible)	In progress
Carbon emissions	To develop the now implemented carbon offset partnership with Nexus	In progress

Targets



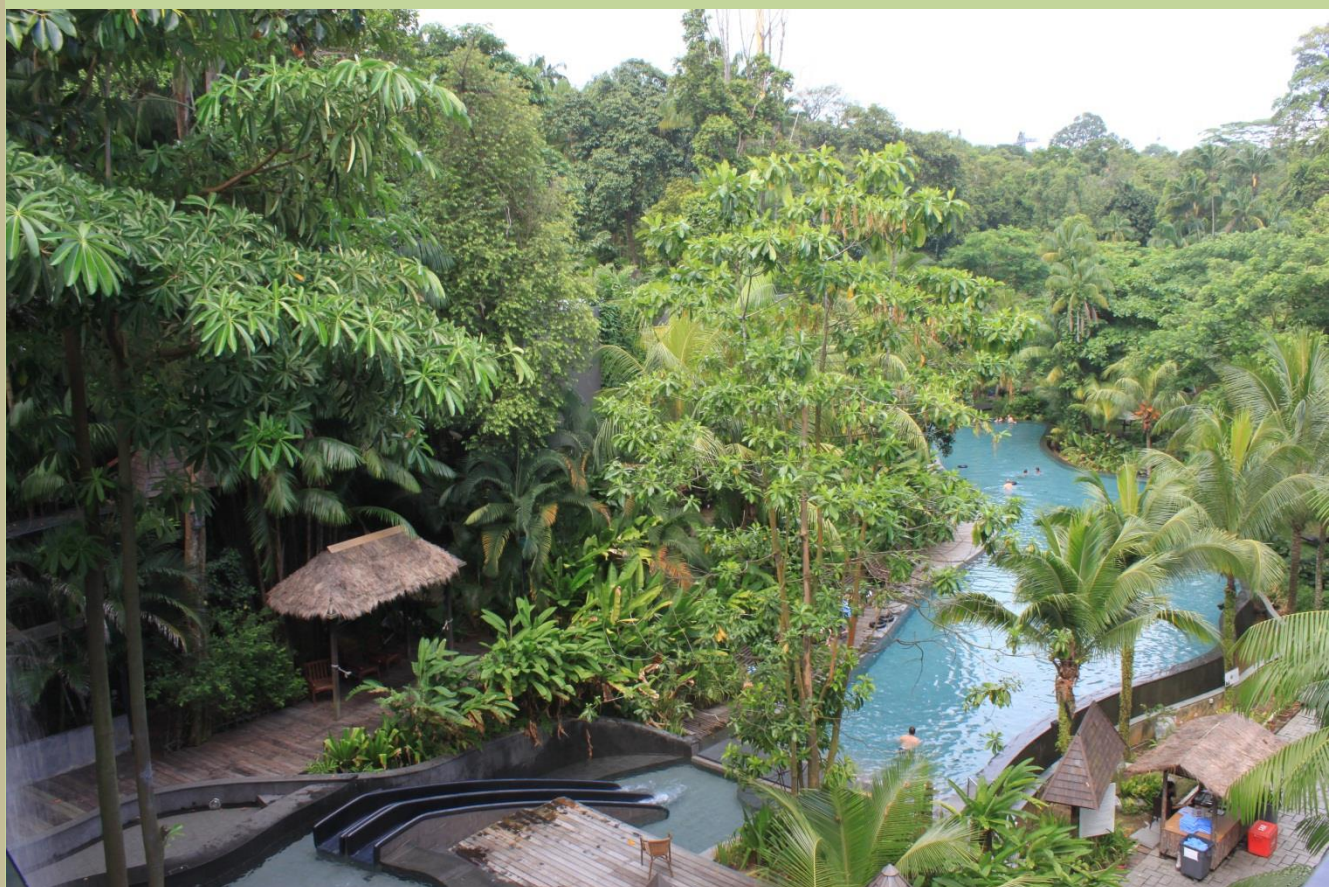
Targets for the 2014 – 2015 reporting period (continued):

Component	Target	Comment
Employees satisfaction	To continue ongoing employee welfare programs and develop new ones	In progress
Customer feedback	To expand the current customer feedback mechanisms	In progress
Innovation and R&D	To continue ongoing R&D partnerships and possibly develop new ones	In progress
Social responsibility	To continue all CSR programs and possibly develop new ones	In progress
Environmental outreach	To continue the outreach through our different media and regular updates through updates press releases	In progress
Waste generated	To continue current waste management initiative. To further develop SBR's plastic disclosure as part of the plastic disclosure project	In progress
Onsite biodiversity	To continue all initiatives and possibly develop new ones	In progress
Ethical business practices	To continue with current beliefs and practices	In progress

Our swimming pool is one of a kind



Siloso Beach Resort
Blending Life and Leisure with Nature



Our swimming pool is **the heart** of our resort

Targets for the next reporting period and mid-term objectives and goals (i.e., 3-5 years) related to key risks and opportunities.

Category	Targets
Natural resources	Reduce the use of natural resources by another 3% (relative to previous reporting period)
Atmospheric emissions	Reduce carbon emissions by 3% (relative to previous reporting period)
Land disturbance	Continue to increase vegetal coverage by 3% through roof top gardening and use of other existing surfaces
Noise	Keep noise levels at current
Water consumption	Reduce tap water consumption by 3% (relative to previous reporting period)
Water contamination	Further improve the treatment of waste water from the resort before being discharged (e.g. further improve grease trap treatments)
Wastes	Reduce waste by another 3% (relative to previous reporting period)
Biodiversity	Continue to increase biodiversity by providing new habitats for species
Energy use	Further improve energy efficiency through Cleantech. Reduce by 3%

Mid term objectives and goals

Global Climate Change:

- Objective: SBR takes the risks posed by climate change very seriously and will continue to develop by integrating elements which will both reduce its carbon emissions and provide adaptive advantages to a changing environment.
- Goal: In the medium term SBR intends to become a carbon neutral hotel by offsetting its emissions.



Global Biodiversity Loss:

- Objective: Preservation of biodiversity remains a key aspect of how SBR operates. SBR is committed to preserve a rich biodiversity on its premises and to actively promote global biodiversity conservation through outreach programs.
- Goal: SBR will continue in its efforts to preserve and increase habitats on its premises in order to host a variety of species. This includes the preservation of existing trees and ponds and their associated species.



Operations financial growth:

- Objective: SBR takes the concept of sustainability in an holistic way which encompasses not only environmental and social issues but also financial sustainability and economic growth. SBR intends to continue its business in an environmentally and socially sustainable way while remaining financially viable.
- Goal: SBR intends to continue to grow the business and achieve long term financial growth.

Depletion of fresh water resources:

- Objective: At SBR the water management is already very good and tap water consumption very low for an hotel of its size. SBR will however continue to intensify efforts to even push the water saving initiatives further by both improving on water efficiency and by maintaining the health of its spring water reservoir.
- Goal: Invest in Cleantech to better control water consumption in guest rooms (where most of the current tap water consumption occurs).

Reducing by 3% may not seem much but because our waste, water and energy usage is already very low it is actually a challenge



Governance mechanisms in place to specifically manage these risks and opportunities, and identification of other related risks and opportunities.

Governance mechanisms:

SBR believes that the approach is to integrate ways to manage these risks within the long term plan of the organisation rather than to ignore them. **A long and slow adaptation is a better path than a sudden and unplanned change.**

The risks identified as significant are taken into consideration during sustainability committee meetings and minimisation targets are set to address these risks.

Previously set **targets and goals** are then reassessed during the next meetings and a new set of targets and management decisions are taken to best address these risks.

Other related risks and opportunities

In addition to the primary risks and opportunities identified, SBR has also highlighted other elements

Risk	Opportunities
Safety at work (HSE)	To take appropriate measures to ensure a first class safety environment for its staff
Guests safety	To ensure that the place is safe for the guests
Development of new hotels in Singapore	To make the business even more competitive especially by focusing on our eco concept
New government rules on foreign hires	To put more emphasis in developing a local work force
Increase guests expectations	To put further emphasis in improving quality of services and facilities
Humidity related issues in hotel facilities	To redesign aspects of the resort in order to cope better with such issues
Potential Burglary issues	To further improve safety onsite through greater surveillance and monitoring

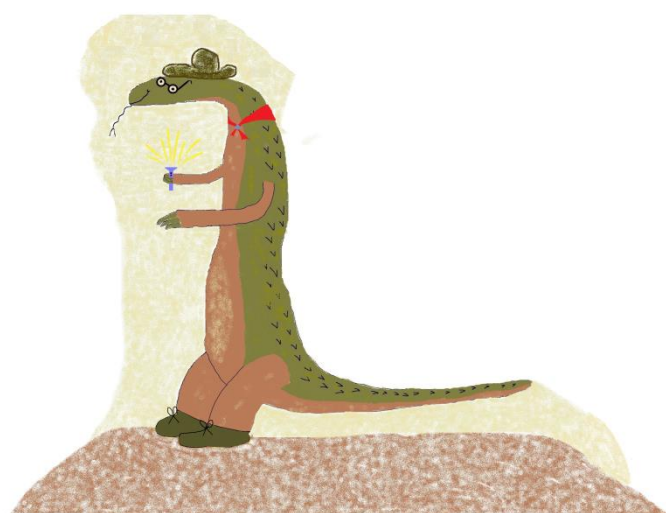


Siloso Beach Resort

Blending Life and Leisure with Nature



Prof Monitor: "At SBR risk management is a constant process which is governed by the Sustainability committee. Constant adjustments and reviews allow a sustained growth"





Our open concept corridors

SBR's Open Concept

Many places at SBR adopt an open concept, should it be for the corridors, the café area, the gym and other public spaces. This concept allows amongst other benefits to have a feeling of being surrounded by greenery

REPORT PROFILE

2.1 Name of the organization

Siloso Beach Resort Pte Ltd.

The name of the resort simply reflects the location name: Indeed, SBR is adjacent to Siloso Beach on Sentosa Island.

2.2 Primary brands, products, and/or services.

Siloso Beach Resort services are in the leisure industry which include:

- Providing hotel rooms for stay; Facilities: e.g. swimming pool, waterfall, water slides, children playground, in-house TV channels, exhibits of various type on site (mostly biodiversity)
- Food and beverage: SBR has a single restaurant café in which breakfast and daily meals are served.

Company logo:

Siloso Beach Resort
SENTOSA

SBR brands its services under Siloso Beach Resort

SBR is directly involved in providing these services and does not outsource for aspects directly related to main business stream. As a family owned and operated business, unlike most other hotels, SBR does not outsource the management.

Contractors are involved from time to time for aspects such as:

- Consultancy
- Architecture
- Legal affairs

Hotel services information:

It is a love and passion for the environment and nature that will act as an impetus for us to begin to care unconditionally for the waning ozone layer, depleting forests and out-of-control pollutants.

**Siloso Beach Resort**

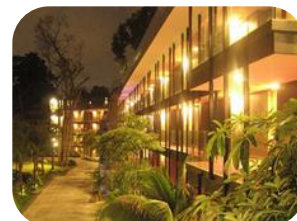
Blending Life and Leisure with Nature

Using less plastic, energy-saving light bulbs and a smart heat-exchange system can only do so much, so, throughout the Resort, we assimilate nature with comfort recluse, greenery with cutting-edge technology in a bid to have our guests come to appreciate nature's infinite value.

At Siloso Beach Resort, the only Eco resort residing on the beautiful island of Sentosa, guests can enjoy the only natural spring water landscape pool in Singapore, complete with a waterfall feature, while relaxing amongst the balmy shades of flora to the soothing sounds of cascading waters. There are rooftop garden suites complete with rooftop bath, one of a kind in Singapore.

Sitting at the heart of Singapore's hippest beach - Siloso Beach in Sentosa, the resort's strategic location and lush foliage within its surroundings, guests find themselves faced with a strewn of choices. Bay-windows looking out to white sandy beach rooms, a walk away to the beach, various entertainment outlets and activity booths located along the beach's stretch, offers both scenic and convenient leisure.

The resort provides an experience of an ideal getaway, for honeymooners and lovers in the mood for a romantic getaway or holidaymakers in search of tranquility on an island beachfront.



Nestled within its lush foliage surrounding, Siloso Beach Resort hosts a range of rooms to fit the needs of the various guests, from romantic getaways for couples to retreats for holidaymakers.

With the main foyer of rooms facing beachfronts, guest rooms are provided a natural backdrop of the sea landscape while decking the inner courtyard sprawls a 95m long natural spring water landscape pool with a waterfall feature, providing a relaxing atmosphere.

Every room is fitted with amenities to ensure that your stay is both enjoyable and comfortable.



Central roof top , along suite wing

SBR's extensive roof top space

One of the main roof top at SBR is used for a variety of purposes going from a plant nursery to a roof top vegetable farm to open air Jacuzzis to a flexible event space used for special occasions.



One of the villas, living room

Luxury villas with a very special touch

While offering 12 luxury high end villas to its guests, the most unusual aspect of these villas is that most of them have several live trees passing straight through the living space. This feature was done as one of the extraordinary efforts to preserve the existing trees on site. It also provides a very special atmosphere to the rooms.

Eco Alfresco Café Dining



Our dining experience caters to more than just an experience, care is taken in minimising carbon footprint while guests enjoy their meals.

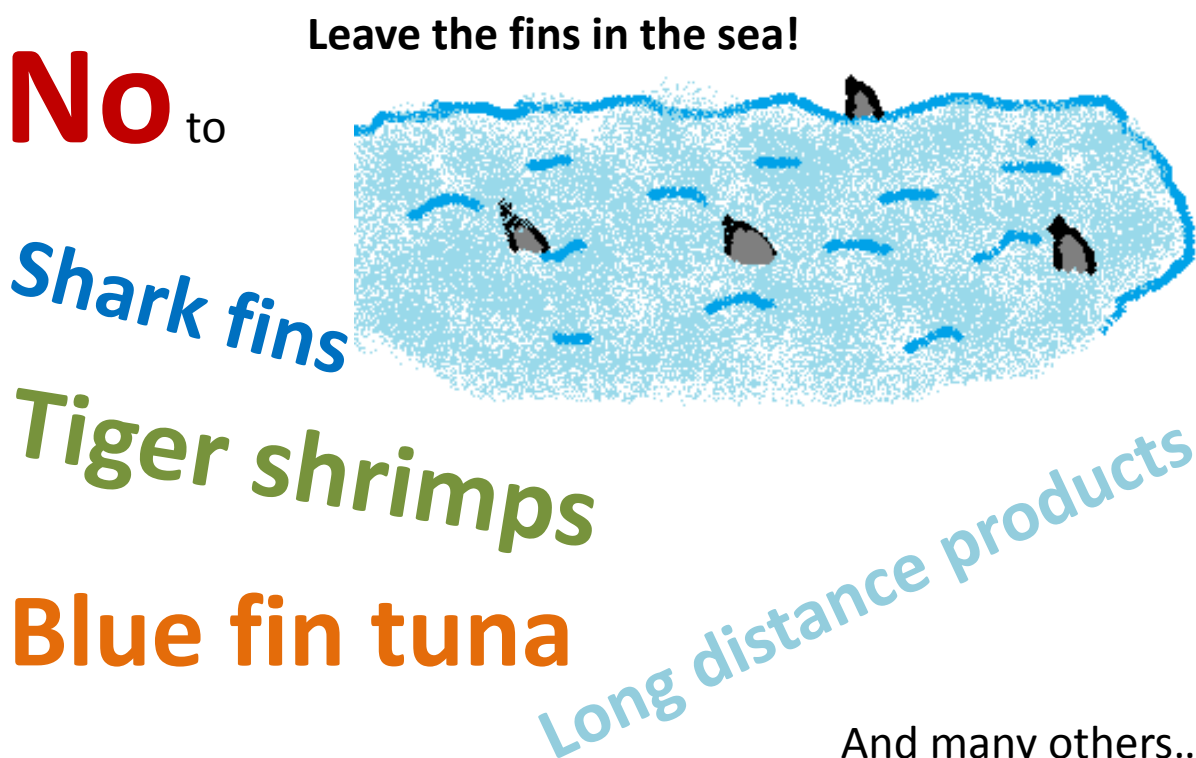
Dishes are prepared with **homegrown herbs** within the resort's own garden, from mints to basil and many more spices of a variety. Savour some of our all-time favourites such as fish and chips or try out the grilled fish platter for healthier choices.

Our green conscious café

Every ingredients used in the menu are ensured with care to minimise carbon foot print, this includes purchasing ingredient primarily from local sources first and when unavailable purchases will then be made from the next nearest source possible including countries such as Vietnam and Malaysia.

Event decors are prepared fully using home grown leafs and flowers as decor, this in turn leads to minimum or no usage of tablecloths. Through a food disposal system, use of garbage bags are also minimised.

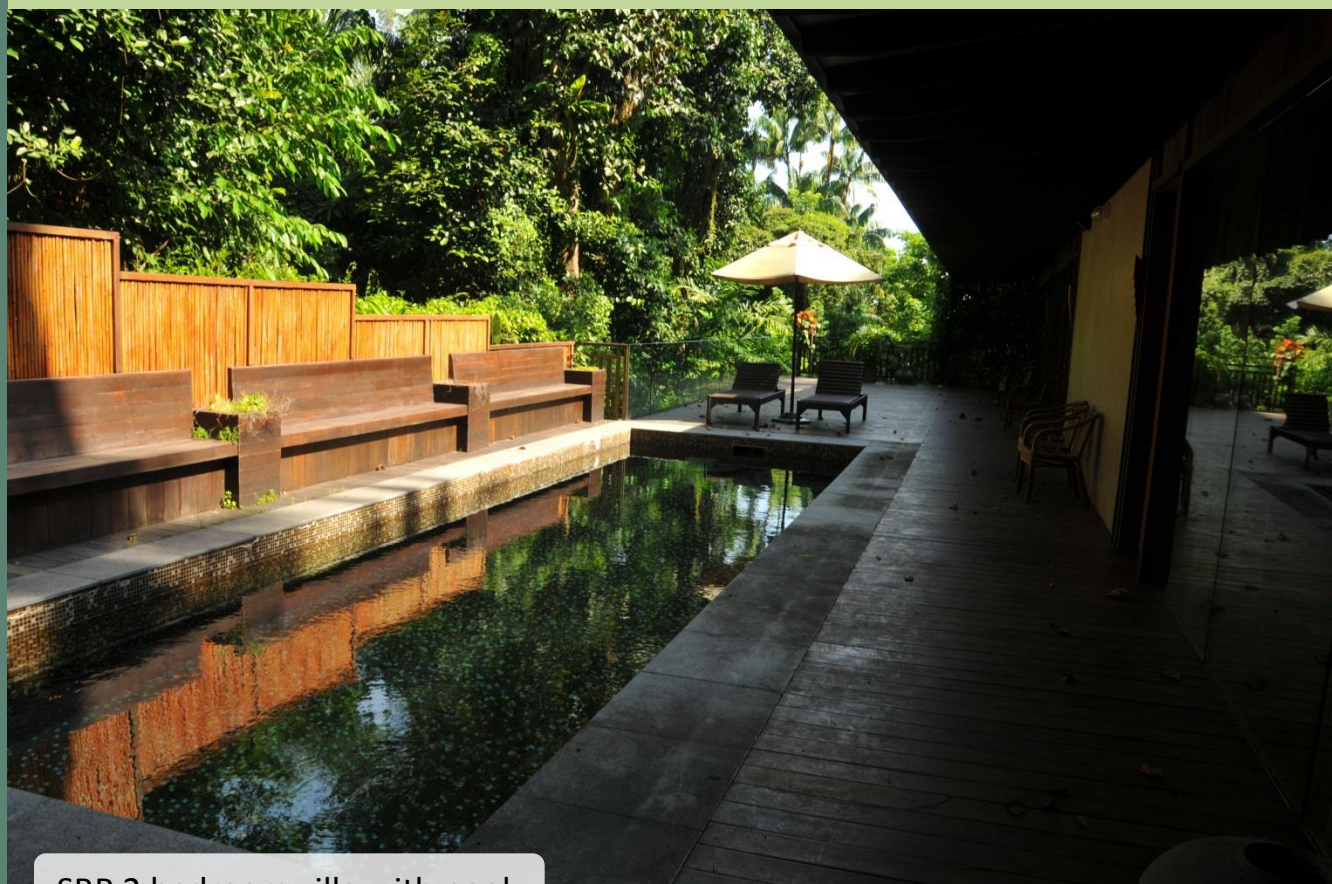
While appreciating the nature around the vicinity, we hope to share the finer details to the dining experience with our valued diners. From embracing what nature has to offer around us and aspire to continuously bring that experience to the plate.



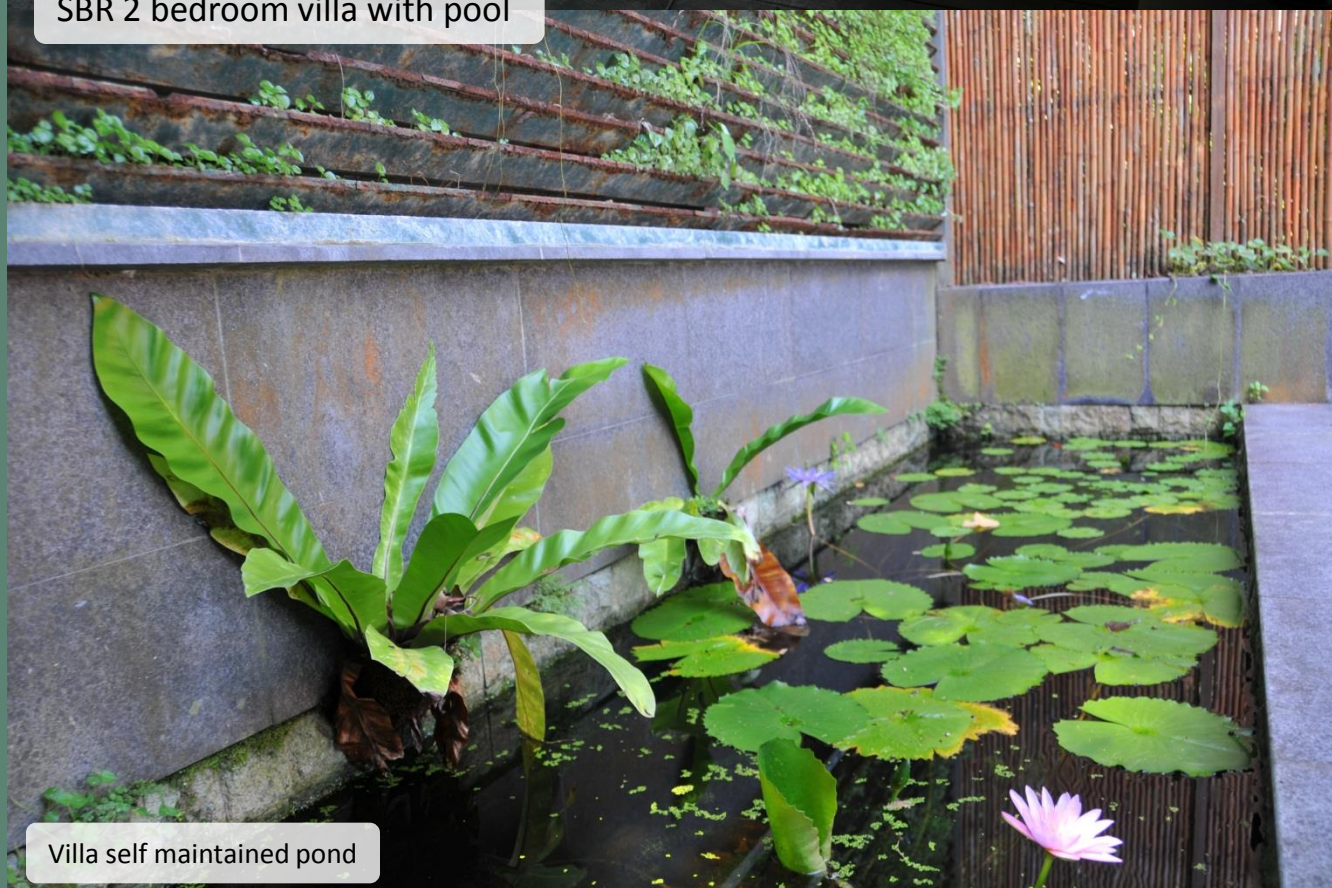
Our villas offer a unique retreat and peaceful atmosphere



Siloso Beach Resort
Blending Life and Leisure with Nature



SBR 2 bedroom villa with pool



Villa self maintained pond



SBR's restaurant (like the rest of our resort) has put into place very special policies when it comes to sustainability issues:



1 Minimize Waste

At SBR's café, much of the food waste is either reused or recycled.

Organic waste: Suitable organic waste is recycled through worm composting or aquaculture.

Non organic waste: Whatever can be reused or recycled is. The staff is well trained to segregate various types of wastes (plastics, metals, glass, paper..).



4 Energy saving environment

- Our café is an open air concept. As such we make very significant savings on energy by maximizing natural cooling and the use of fans.

- In the kitchen we use a very energy efficient water heater system.

- We have strong energy saving management guidelines in place for the F&B department with measures such as the closing of the kitchen during night time to only provide heated meals.

- We have installed a balanced wave technology on various appliances such as fridges which significantly reduce heat loss and improve efficiency.

**Our Eco Café
Concept is unique**



2 Mostly purchase local food

For our café we mostly purchase products within the South East Asia region. The reason for doing this is mostly to reduce the carbon footprint resulting from the transports of goods.

3 Use the café area to display strong environmental messages



Our café displays numerous messages related to environmental issues. These include:

- Our biodiversity exhibit which displays pictures of wildlife taken throughout the resort and associated conservation messages.

- Our eco huts (5 in the café area): each hut displays extensive information on a specific topic: climate change, pollution, water, biodiversity, corporate sustainability.

5 Environmentally responsible menu



One of our most unusual practices is that we only offer sustainable choices of food on our menu

By this we mean that we follow the World Wide Fund for nature guidelines for sustainable seafood. As such you will not find items such as shark fins, blue fin tuna, tiger prawns on our menu...

We also look into other sources (meat) with a similar consciousness

Also most notable is that part of our food is actually produced/grown within our resort. Indeed we grow our own organic vegetables and spices on our rooftop. 100% of the spices used in the kitchen are from our site and about 20% of vegetables.

2.3 Operational structure of the organization

Siloso Beach Resort is a family owned hotel. Its only site and operations are on Sentosa island. SBR does not have any other operating companies, subsidiaries or joint ventures. SBR has a unique yet simple corporate structure formed of a general management core and dependant departments.

Main Divisions	Description
Front office	Takes care of first contact with guests (registration, check out...) and general inquiries
Housekeeping	Daily rooms and facilities cleaning
Maintenance	Electrical/mechanical maintenance
F&B	Food and beverages services
Security	Resort security and observation
Reservations	Handling of all reservation matters
Sustainability	Environment/society/financial sustainability
Accounts	Handling all accounting matters
Human Resources	Handling all employees related matters
Quality services	Quality of services monitoring and actions
Gardening	All gardening matters (gardening is an important department at SBR considering the extent of vegetal coverage)

The corporate structure at SBR is unique because:

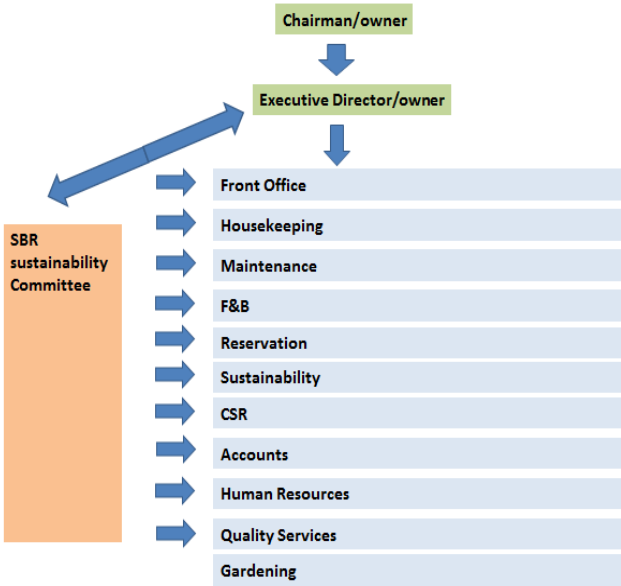
- It is a family owned and managed business;
- Corporate sustainability is an integral part of the overall management

“Prof Monitor, I was wondering: is it common for a hotel to give such an important role to a sustainability committee in the decision making process?”

“No, Squirzy. I actually think it is quite a unique concept. In my opinion it is necessary that such a committee filters all decisions that the management has to make to ensure that sustainability is always taken into consideration”



Company structural diagram:



As this diagram highlights, the sustainability committee plays a very important role at SBR as it serves as a filter to most decisions taken regarding the company’s operations. The presence of this structure ensures that sustainability is not just a practice but rather an integral part of the business structure.

2.4 Location of organization’s headquarters

Location: SBR operates from a single site in Sentosa. Sentosa is a small island off the southern coast of Singapore. It is considered part of Singapore and is easily accessible through various types of transportation.

Registered address: Singapore, 51 Imbiah Walk Sentosa Singapore 099538

2.5 Number of countries where the organization operates, and names of countries with either major operations or that are specifically relevant to the sustainability issues covered in the report.

Number of countries where the organization operates: just 1

Despite that SBR only operates in Singapore, the sustainability initiatives that it adopts are relevant in any country and due to the international nature of the guests staying at the facilities (from over 50 countries). SBR hopes to outreach on sustainability issues and the role that the hotel industry can play.

Country	Reason of importance
Europe	Europe has taken a lead over many South East Asian countries on the sustainability agenda. SBR has great pride in sharing its initiatives with European guests as a lot can be gained in learning from best overseas practices within the European union
North America	Same as above
South East Asian countries	Being countries close to home, SBR believes that it can influence local SEA guests to apply similar changes within their own countries
All other countries	SBR believes that there is a win-win situation in interacting with guests from any countries both through learning foreign best sustainability practices and influencing foreigners to apply SBR practices in their own countries.

One of the driving forces for adopting a sustainable business model lies in the fact that **as a hotel environment, numerous people from various countries and background transit** through the facilities. This also means that there is a great potential to **passively educate** the guests on a range of sustainable best practices while spending a good time at the resort. As a socially responsible corporate citizen, SBR believes it can play its part in educating the society at large.

SBR sees itself as **a local operation with an international outreach.**

2.6 Nature of ownership and legal form

Siloso Beach Resort is a privately owned and managed hotel.

Chairman/Owner: Mr Ng Swee Hwa
Managing Director: Mr Kelvin Ng



Siloso Beach Resort
Blending Life and Leisure with Nature

People from all around the world transit through SBR which makes it a prime sustainability awareness hub



The fact that SBR is a privately owned and managed hotel plays an important role in the unique sustainable initiatives which have taken place at the resort since its creation.

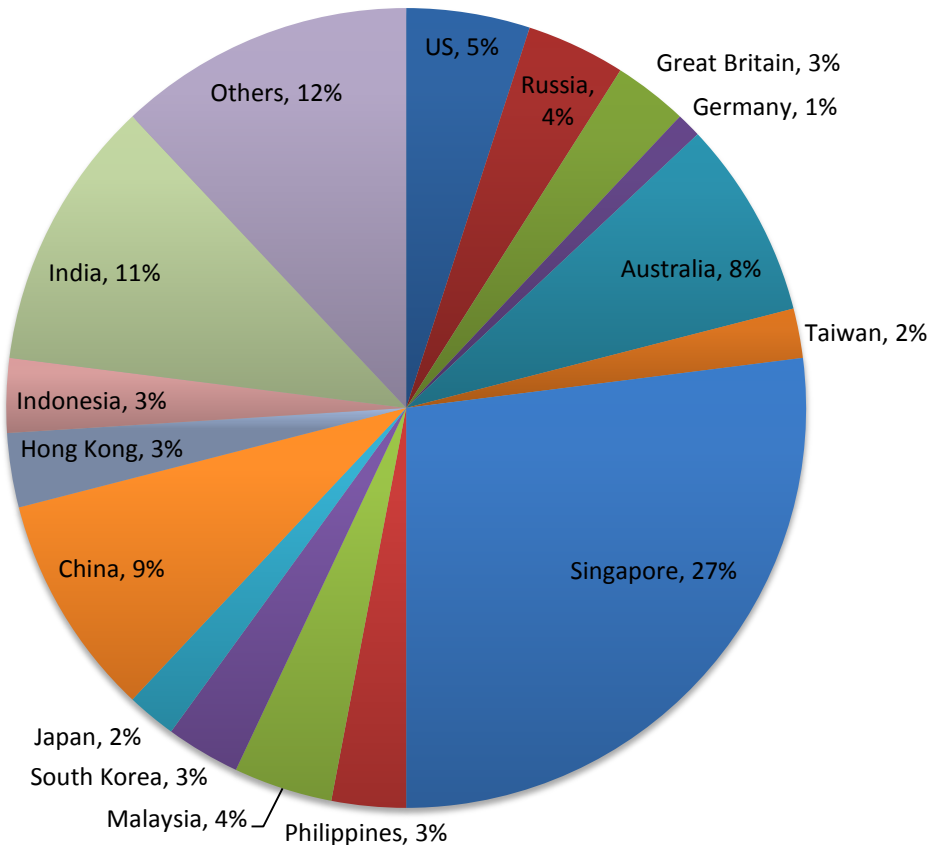
Indeed, most hotels around the world are not managed by the owners themselves, which usually employ management companies to do so. However, because the management of an eco-hotel is very unique and requires passion and attention to details in order to achieve minimization of impacts at all levels, the owners at SBR have chosen to manage the hotel themselves.

Limitation factor: Additionally, many hotels are part of bigger chains and the management is often located overseas. Even if local managers have strong commitments to make a change by adopting a sustainable business model, decisions are often out of their hands which makes procedures much more complicated.



2.7 Markets served (including geographic breakdown, sectors served, and types of customers/ beneficiaries)

Proportion (%) of guests origin from for 2013



SBR accommodates guests from **all around the world**.

As a hotel business, anyone willing to stay at SBR is welcomed to do so and SBR does not apply any discrimination of any kind on the origin of its guests.

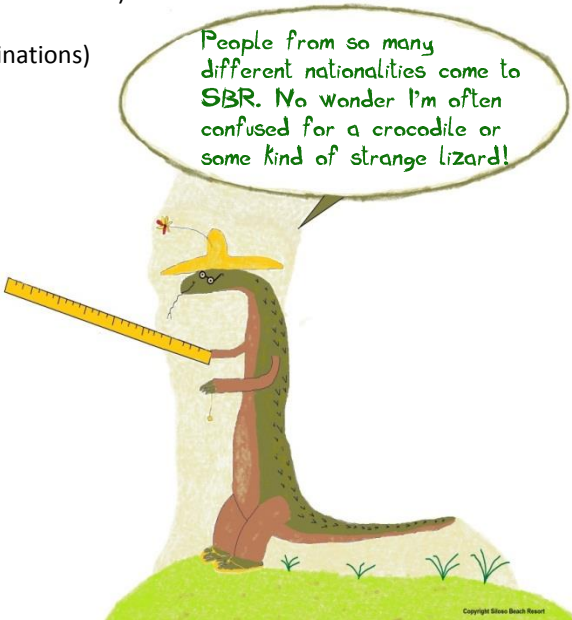
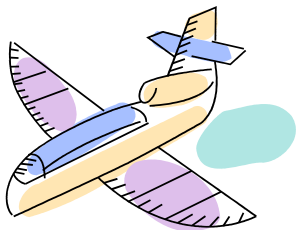
Sector served: SBR serves clients from all types of sectors (no discriminations)

Types of customers: SBR serves all types of customers (no discriminations)

Business and markets:

SBR categorises its market into 3 categories:

- National:** Singapore
- Local:** South East Asia
- International:** the rest of the world

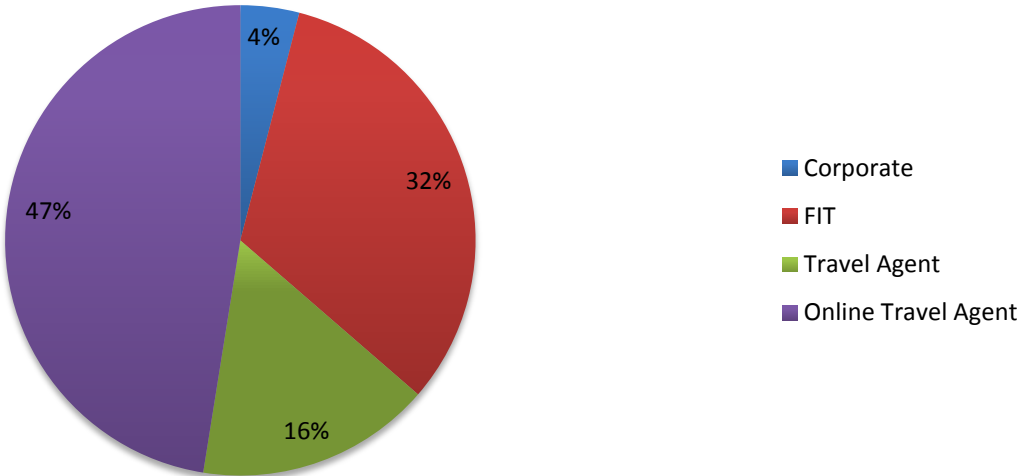


Reservation modes



At SBR , the guests bookings originate from four main forms:

Proportion of Reservation Type (%) from 2013



SBR has had to date **a soft marketing campaign policy**. Indeed, marketing outreach has never been very aggressive at SBR in a sense that the hotel has relied a lot on **word of mouth awareness** of its facilities and services rather than active promotion through brochures and other means.



Word of mouth awareness is a preferred marketing mean at SBR

For a long time, SBR has remained a “hidden secret”. Many locals who have come to the resort have been surprised that they did not hear about the place before through advertising.

One of the reasons behind this lies in the philosophical concepts behind SBR that **self awareness** is always favored over active and often excessive marketing. It appears to SBR that letting the guests judge for themselves and communicating on what they have experienced to others is a more sincere way of spreading the word on the resort.

It is only in recent years that awareness on the resort has spread including through its unique environmental and sustainability initiatives which have attracted a lot of visibility and public interest both in Singapore and beyond.

SBR has a soft marketing policy because we believe that awareness of our resort through word of mouth is a more sincere approach...

2.8 Scale of the reporting organization

2010: audited
2011: unaudited
2012: unaudited
2013: unaudited

Number of employees: SBR is a reasonably scaled hotel with **a staff of 50-100**.

Number of operations: **1 single operation** on Sentosa

Net revenue:

- 2010:** 11,009,265.00
- 2011:** 13,005,658.00
- 2012:** 11,615,059.00
- 2013:** 11,234,395.00

Total capitalization:

- 2010:** 7,892,356.00
- 2011:** 10,795,185.00
- 2012:** 10,089,480.00
- 2013:** 6,561,821.00

Quantity of services provided:

3 main services:
Room accommodation, meetings/events facilities, and food and beverage.

Sub-categories:
Breakfast, Café, laundry, room charges, room services, romantic packages, tel/fax, internet access, Shuttle services, pool bar, Spa.

Beneficial ownership:

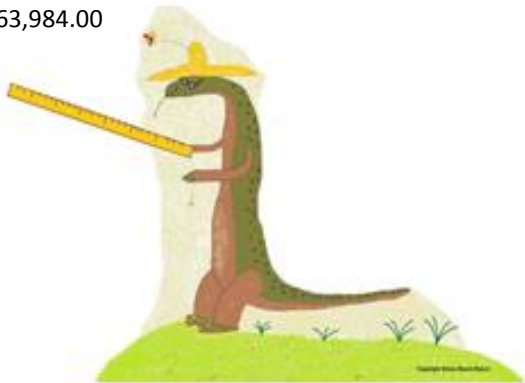
- Ng Swee Hua
- Ng Yu Teck



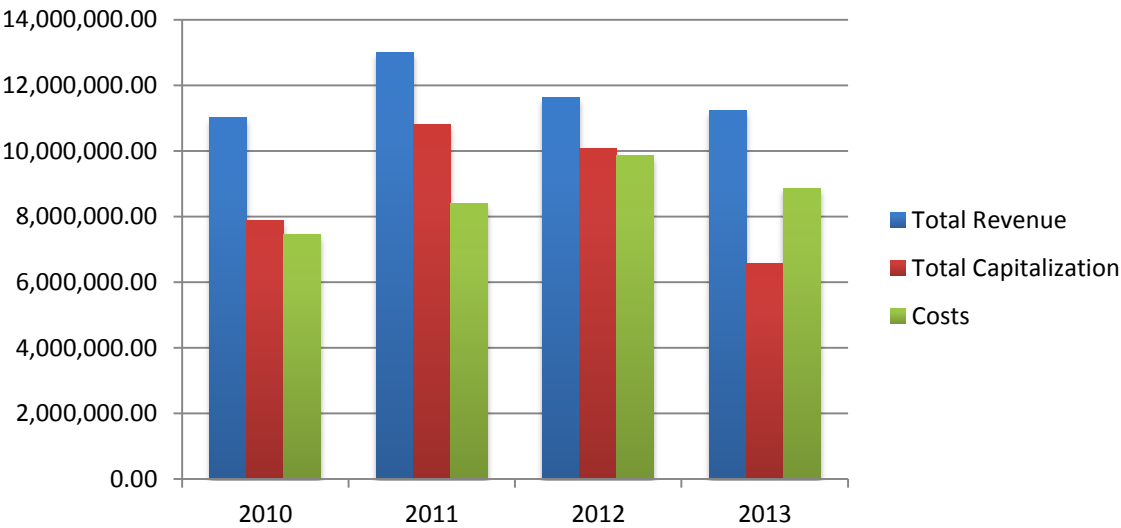
Sales/revenues by region: 100% from Sentosa site in Singapore

Costs: (Cost is exclusive of depreciation)

- 2010:** 7,444,218.00
- 2011:** 8,387,625.00
- 2012:** 9,853,503.00
- 2013:** 8,863,984.00



Prof Monitor: “SBR has succeeded in demonstrating that adopting a sustainable business model can also lead to a viable financial growth. Still too often, most businesses today only look into the short term financial profits of the organization even if this means to take little consideration for the environment. In SBR’s view, such development models cannot sustain in the long term”

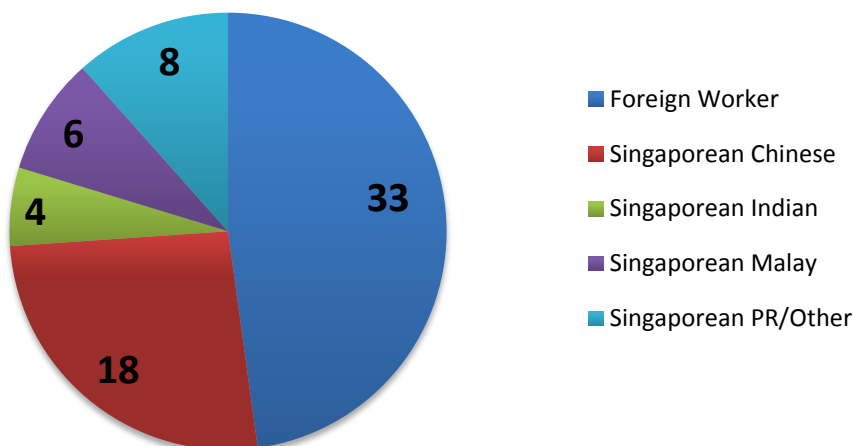




Employees breakdown

Cultural diversity and origin is one of the **strengths** of SBR. This is reflected in the staff which comprises a multitude of cultural backgrounds.

Employee Minority Groups *



*Singaporean includes Singapore Citizens and Permanent Residents

Squirzy: "They have forgotten to include Prof monitor and myself in the breakdown!! We are locals of course but long time migrants. My roots actually originate in the Americas whereas Prof Monitors' species can be found throughout South East Asia."



SBR takes a lot of pride in diversifying it's workforce. A diversification of the origin of its workforce means diversity in cultures and languages, but also brings an international atmosphere to the resort.



2.9 Significant changes during the reporting period regarding size, structure, or ownership

There have not been any changes in the capital structure since the start of operations.

Development phases: There have been two main phases of development of the facilities:

- *Principal hotel wing (standard rooms, deluxe rooms and roof top suites)*
- *Villas wing*

Renovation work:

Main guest rooms: SBR is currently in a renovation phase which is ongoing and being conducted in several phases through the various room types.

Villa wing: SBR is currently modifying its villas to accommodate more family oriented guests.

General works: Small upgrades (e.g. new staircases/corridors, new floor mats...) are taking place throughout the resort.

Ongoing renovation is under way!!



Siloso Beach Resort

Blending Life and Leisure with Nature

2.10 Awards received in the reporting period

Siloso Beach Resort is the **recipient of various prestigious awards and certifications** which it has received in recognition of efforts to reduce its impact on the environment, foster a company-wide culture of environmental awareness, and give back to society and nature through educational tours and CSR projects.



These awards and certifications are an important way to communicate to the stakeholders the sincerity of the commitment to preserving the environment. Through these achievements, we hope to set the environmental benchmark higher for the tourism industry in Singapore and South East Asia.

Below is a summary of SBR's latest awards:

Landscape Excellence Assessment Framework 2013



Landscape Excellence Assessment Framework (LEAF) is a voluntary certification scheme by National Parks Board (NParks) that seeks to encourage property developers to focus on landscape enhancement as an integral part of development and marketing. Provide recognition for excellent efforts by developers in greenery provision, protection of trees, and encouragement of biodiversity.

Below is a summary of SBR's latest awards:

Singapore President's Award for the Environment 2013



The President's Award for the Environment (PAE)

The President's Award for the Environment is the highest environmental accolade for individuals, organisations and companies that have made significant contributions towards environmental and water resource sustainability in Singapore. It recognises and honors the sustained environment- and water-related contributions by environmental champions from the People, Public and Private (3P) sectors.

Beyond that, this prestigious award also aims to inspire more individuals, organisations and companies to step forward and join the effort to tackle our environmental challenges.



Siloso Beach Resort received the President's Award for the Environment from President Tony Tan Keng Yam on 24 September 2013, at the Singapore Environment and Water Awards Ceremony 2013.



Siloso Beach Resort
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Community In Bloom 2014 – Platinum Band



Community In Bloom is a program by the National Parks Board to promote community gardening.

Our Eco-Resort achieved this recognition due to various green and community activities, including preservation of biodiversity, earthworm composting, and promoting sustainable growing methods to schools and the community.



Enabling Employer Awards 2014 – In Recognition

The Enabling Employers Awards gives recognition to organisations that have hired people with disabilities and have made efforts to integrate them with their workforce. About 14% of SBR's staff are persons with disabilities.



Previous Year's Awards

•ASEAN Business Award (CSR Category, 2012)



The resort was recognized for its social and environmental programs as a “Most Admired ASEAN Enterprise” under the Corporate Social Responsibility award category for SMEs (Small-Medium Enterprises). The award recognizes admired ASEAN businesses in four areas: growth, employment, innovation and CSR. This award is unique because unlike previous awards received by the resort, this was regional and those applying for the award came from the various ASEAN countries. The criteria for the award was also heavily focused on not just the environmental impact, but also contributions to the community and society.

•Singapore Sustainability Award (top achiever 2011)



In 2011, a total of 68 companies submitted for the Singapore Sustainability Awards, with 9 winners chosen among the various categories, with **SBR being the only Top Honour Winner in its category.**

Although SBR has achieved other awards, this one is the first to take all 3 aspects of sustainability into equal consideration: economic, social, and environmental.

In the last 4 years, SBR has been awarded important awards & certifications for its sustainability efforts...



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• Singapore Environment Achievement Awards (top achiever 2010)



THE SINGAPORE
ENVIRONMENTAL
ACHIEVEMENT
AWARDS 2010
Top Achiever

The criterion for the SEAA focus on assessing the leadership displayed by the company, the real environmental improvement made as well as the ability of an organisation to establish procedures, train staff and innovate in order to achieve breakthroughs in environmental performance.

Siloso Beach Resort achieved recognition for its commitment to sustainability and ecological preservation and was awarded the SEAA Top Achiever Award for 2010. **Since the SEAA was started in 1997, this is the first time that the award has been given to a hotel.**

•First Eco-certified hotel in South East Asia from TUV Rheinland



TUV Rheinland performed a certification audit at Siloso Beach Resort with the objective to determine, whether the implemented environmental management system meets the requirements for obtaining the TUV Rheinland's “Eco-Hotel” certification program. The certification requirements also encompassed ISO 14000 criteria for an environmental management system.

•Special mention from Singapore CSR Compact

At the 1st Singapore Compact CSR Awards, held during the international Singapore Compact CSR Summit, SBR received the Special mention Award for our strong commitment to the environment and corporate social responsibility. The award and summit are organized by the Singapore Compact for CSR, which “functions as a national society in furthering the CSR movement in Singapore”.

Report Parameters

REPORT PROFILE

3.1 Reporting period

This report covers information for the **period of 2013 (1 Jan 2013 to 31 Dec 2013)**

However, many of the data collected covers a longer time period, often since the very conception of the hotel more than 9 years ago. It is important in order to capture the level of achievements at SBR that the report portrays not only some data for the last two years but also puts this into context of the greater picture since the construction days.

One can only appreciate the efforts and achievements in the pursuit of sustainability when gaining an understanding of the history of this sustainability journey at SBR.

It is a **journey** that SBR has embarked on, not punctual achievements. SBR prefers the term of journey as **becoming a more sustainable company is something that requires constant efforts and adjustments.**

3.2 Date of most recent previous report

This sustainability report is SBR's **Third**, previous report was published on 25 Oct 2012.

3.3 Reporting cycle

SBR sustainability reports will be **re-edited** to include up to date information **on a yearly basis.**

3.4 Contact point for questions regarding the report or its contents.

Primary contacts regarding this report:

Report lead and principal author:

Sylvain Richer de Forges, Director of sustainability
sylvain@silosobeachresort.com

Managing Director: Kelvin Ng
kelvin@silosobeachresort.com

CSR Manager: Karl Fischer
csr@silosobeachresort.com

Additional contacts: This report was approved and voted by SBR sustainability committee.



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SBR sustainability committee comprises executives and managers of various departments and meets at least two times a year to review achievements, assess progress and set new targets for continuous improvement in our sustainability journey.

SBR Environmental committee members:

Designation of sustainability committee members

Managing Director
 Director of sustainability
 CSR Manager
 F&B Manager
 Housekeeping Manager
 Front Office Manager
 Sales & Reservations Manager
 Finance Manager
 HR Manager

REPORT SCOPE AND BOUNDARY

3.5 Process for defining report content

This report is written using the **GRI 3.1 guidelines.**

Materiality: This report covers all indicators highlighted in GRI 3.1 guidelines. SBR wishes through this report to be fully transparent in reporting the information which SBR is willing to publicly share in the hope that it may inspire other organisations in the hospitality field or others.

Focus area: As an eco-resort, the **environment** topic is important to us and therefore we have chosen to give it a particular attention. **The Story of SBR is unique** especially with regards to the initiatives which have been taken to preserve the environment on site and to spread awareness on environmental issues.

However, as we adopt an integrated sustainable business concept we also take into consideration economic and social aspects which are also reported.

Stakeholders: This report is **targeted at all our stakeholders.** A list of stakeholders is given in *section 4.14*

Our unique “jungle feel”



Siloso Beach Resort

Blending Life and Leisure with Nature

One of our villa wing paths



Many areas of our resort offer
a **natural immersive environment**



3.6 Boundary of the report

As a single site operated business, boundaries of the report are clearly defined:

The Report covers **single operations of Siloso Beach Resort** in Sentosa Island.

3.7 Specific limitations on the scope or boundary of the report

This report intends to cover all areas of environment, social and economic aspects of the organisation and to report on all key indicators according to the guidelines of GRI 3.1. There are **no specific limitations**.

3.8 Basis for reporting on joint ventures, subsidiaries, leased facilities, outsourced operations, and other entities that can significantly affect comparability from period to period and/or between organizations.

SBR is **not involved** in joint ventures nor does it have any other subsidiaries.

Outsource operations are mentioned throughout the report and are considered part of our sustainability efforts (i.e. Siloso Beach Resort is selective with regards to its outsourced operation/contactors with a consideration for sustainability practices).

3.9 Data measurement techniques and the bases of calculations, including assumptions and techniques underlying estimations applied to the compilation of the Indicators and other information in the report.

The data is collected and reported according to the guidelines of the GRI indicator protocol

•**Collection:** Data for key reporting indicators are collected by various departments on a regular basis. Each department managers have been assign to supervise the data collection efforts according to strict guidelines given to them by the management and in line with GRI.

•**Compilation:** Most of the data is compiled monthly through department inputs and then summarized on an annual basis to observe annual trends.

3.10 Explanation of the effect of any re-statements of information provided in earlier reports, and the reasons for such re-statement

This is SBR's **Third** sustainability report. There are **no re-statements**.

3.11 Significant changes from previous reporting periods in the scope, boundary, or measurement methods applied in the report.

This is the **Second** sustainability report. There are **no changes** from previous reporting periods.

GRI CONTENT INDEX

3.12 Table identifying the location of the Standard Disclosures in the report

Category/sections	Location
Strategy and Analysis 1.1-1.2	P 11-36
Organizational Profile 2.1-2.10	P 38-52
Report Parameters 3.1-3.13	P 53-56
Governance, commitments and engagements 4.1-4.17	P 58-83
Disclosure of Management Approach, per category	Refer to GRI Content Index P 153-158
Core performance indicators	Refer to GRI Content Index P 153-158
Any GRI Additional Indicators that were included	Refer to GRI Content Index P 153-158
Any GRI supplement indicators included in the report	Refer to GRI Content Index P 153-158

ASSURANCE

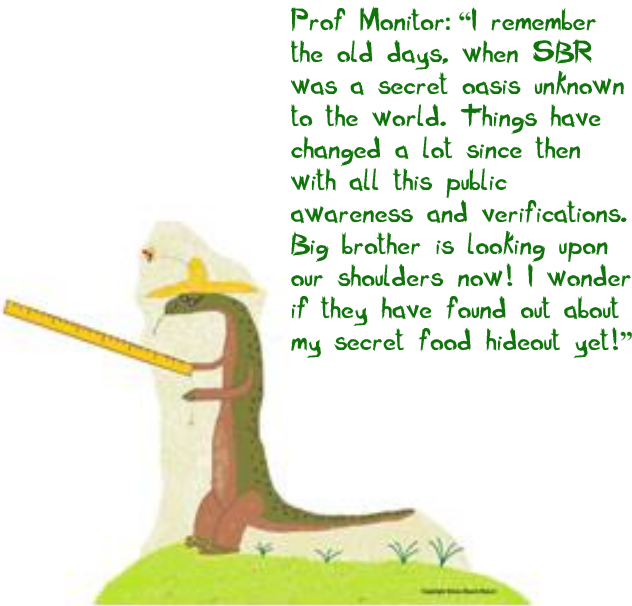
3.13 Policy and current practice with regard to seeking external assurance for the report.

The validity of the information provided in this report is subject to stringent review both internally and externally.

•**Internally:** This report has been reviewed by our sustainability committee. Data collection from various departments follows company guidelines and internal quality control procedures.

•**Externally:** SBR sustainability statements are publicly available and have been subjected to review by a number of stakeholders including awards and certifications provided by third party organisations: As part of the **process of obtaining our numerous awards and certifications** (e.g Singapore Environment Achievement Award, Singapore Sustainability Award, Singapore Compact Merit Award for CSR, Eco Hotel certifications from TUV Rheinland and the Singapore Environment Council), the **statements** provided in this report have been **extensively reviewed**, analyzed and verified by these parties in much more depth than just a simple third party verification assessment (e.g.: water/energy audits).

Through the detailed internal and external verifications, SBR is confident of the accuracy of the information hereby provided in this report



The below table provides a list of **some** third party verifications (there are many others):

Verifying Third Party	Aspect verified	Documental evidence
Singapore Environment Council	Environmental achievements	Certificate: Singapore Environment Achievement Awards (Top achiever -2010)
Singapore Business Federation	Sustainability achievements (social, Environment and economical)	Certificate: Singapore Sustainability Award (Top honour – 2011)
TUV SUD	Risk assessment: "bizSAFE level 3 certified"	Certificate of Audit by TUV SUD
Government accredited auditor	Financial statements	Audit report
Singapore Environment Council	Green initiatives and operations	Certificate: SEC Eco Hotel certification (2011 -2012)
TUV Rheinland	Green initiatives and operations	Certified eco hotel (first to be certified in South East Asia (2009 – 2012)



Case study : the fear of a sustainable path

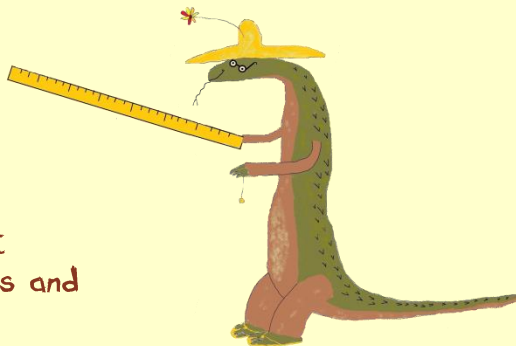


Siloso Beach Resort

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2

Prof Monitor: "Yes, Squirzy, you are right. Many see sustainability as a very difficult path and would rather choose the easier way of continuing business as usual. I believe that this is not true for several reasons."



3

Squirzy: "Is it because it is expensive or simply because it requires too much extra efforts and allocation of resources?"

4

Prof Monitor: "It is definitely not a cost issue, many aspects of sustainability rather save money than cost anything. It is more a problem of a fear of change in practices, drifting away from business as usual and shifting the mindset of corporations."

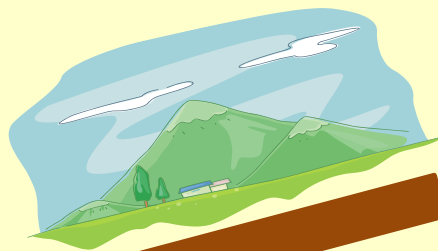
5

Prof Monitor: "My philosophy is quite simple. See sustainability as a climbing exercise. If you look at it for the first time and aim to become a sustainable company straight away it will seem like an unachievable goal such as climbing a very high mountain without any prior training or experience. But if you adopt a progressive approach and choose to start by climbing a hill then you will put yourself on the right path of achieving this goal overtime step by step."

Corporate sustainability is like...climbing!?

..It is easier to start by climbing a hill!

You do not climb to the top of a high mountain straight away..



Sustainability is a JOURNEY not an achievement

You do not become a sustainable business straight away..

..It is easier to adopt a progressive approach progressing step by step towards this goal.

Climbing

Corporate sustainability

GOVERNANCE

4.1 Governance structure of the organization

Senior Management:

Siloso Beach Resort is a family owned and operated business. Senior management (responsible for executive decisions) comprises of **family members**:

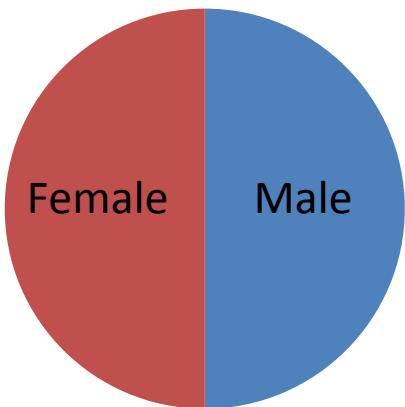
- Mr Ng Swee Hwa: Chairman/Owner
- Mr Kelvin Ng: Managing Director/Owner
- Ms Felicia Ng: Sales and Reservations Manager

As a small family run organization, the number of company executives is limited and comprises of a majority of male representatives. Ratio 2:1

Senior advising group is comprised of a **sustainability committee**. Decisions of the committee have influence on family members decisions.

The sustainability committee, responsible for analysing key executive decisions in the organisation however has a breakdown of male/females. Below is the ratio.

The **sustainability committee** is comprised of 10 members of which 5 male and 5 female:



A detailed composition of the sustainability committee is given at **section 3.4**



4.2 Chair of the highest governance body

The chairman, Mr Ng Swee Hwa, is also an executive officer in the organisation.

Highest authority in the organisation is by the owner himself which is also an executive officer in the organisation.

The reason for this arrangement is that SBR was built from the very beginning with direct guidance from the owner to make SBR a very unique hotel with a strong commitment to sustainability and environmental preservation.

As outsourcing an environmentally conscious management is proven very difficult and rare to find, It was crucial in order to pursue in achieving this goal that the owner and family members remained actively involved in the management of SBR.

4.3 Unitary board structure

SBR is a family owned and managed resort hotel. **SBR does not have a unitary board structure.**

4.4 Mechanisms for shareholders and employees to provide recommendations or direction to the highest governance body

Shareholders engagement:

SBR has various mechanisms in place to collect feedbacks from its stakeholders which includes service providers, suppliers and hotel guests.

Hotel guests are able to provide feedback through various means which includes :

- pre established feedback forms** available in every room and which are then collected by the staff during room cleaning;
- by approaching one of the staff** directly who will then report to their department managers;
- through websites**: The resort’s website provides various sections especially designed to collect feedbacks as well as through third party sites such as Tripadvisor which allows travelers to comment on their stay. SBR regularly scans these sites in order to collect feedback and take corrective action if necessary.



Employees feedbacks:

SBR has a well-established process for collecting feedbacks from its employees. In order to do this, regular meetings are organized at two levels:

Intra-department meetings: Managers of the different departments meet with their respective staffs to collect feedback. Feedback is then transmitted to the sustainability committee

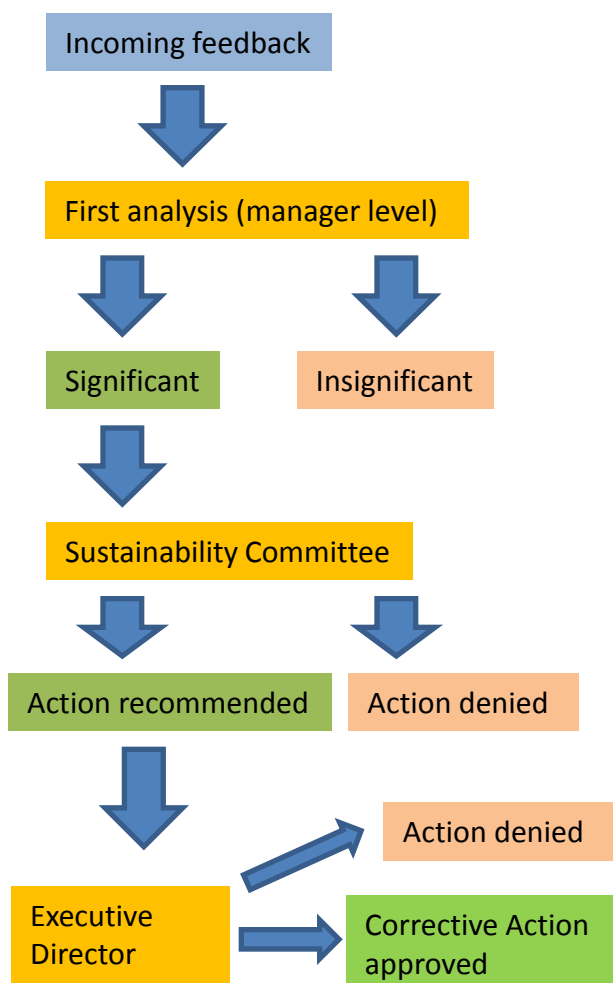
Inter-department meetings: These meetings involve departments managers with general management. Several committees have been established for this purpose:

- SBR sustainability committee
- SBR safety and risk management committee
- SBR Annual review committee



SBR has open policies with regards to collecting feedbacks from its employees

General feedback collection mechanism



SBR Feedback collection box

A **feedback collection box** is another mechanisms for employees to provide feedback anonymously should they not wish to interact with the management directly.

Every feedback is taken seriously and analyzed by the management which will then decide of an appropriate action

Prof Monitor: "Every feedback received at SBR is taken into consideration. Feedbacks which are judged significant and suggest corrective actions are analyzed carefully through an established mechanism. The sustainability committee ensures that decisions made are in the long term sustainability interest of the organization"





4.5 Linkage between compensation for members of the highest governance body, senior managers, and executives

Every employee of the company is subject to employees rules and regulations which include employees rights. These rules are highlighted in the employment contract and agreed between the employee and the employer at the time of employment.

These include (but are not limited to):

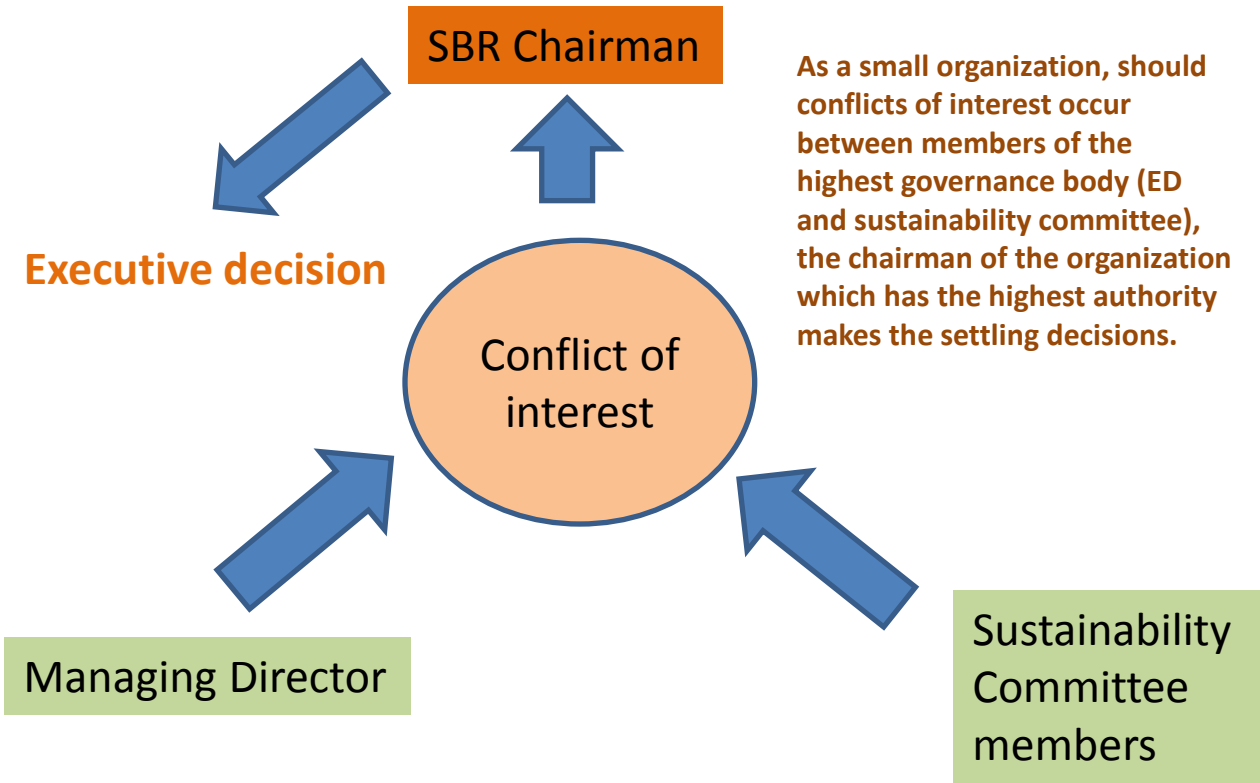
- Number of paid leave and holidays
- Fixed salary and bonuses options
- Compensation:** SBR has flexible compensation options for various levels of management which are customized based on experience and qualifications.
- Departure arrangements:** These are the same for all employees and are subject to one month notice. Other departure arrangements may occur and arrangements are made on a case to case basis.

4.6 Processes in place for the highest governance body to ensure conflicts of interest are avoided.

Linkage between compensations

Level	Compensation
Highest governance	Highest governance is the owner of the company. Compensation is not fixed but proportional to company profit as per shareholders stakes
Manager	- Higher base pay than executive and - More annual leave entitlement - Performance bonuses
Executive	- Monthly pay package - Two annual leaves entitled - Performance bonuses
Others Rank and File	- Monthly pay package - Allowance - Performance bonuses
Part timers	- Hourly rated - Allowance

As part of our compensation all full time employees benefit from healthcare options

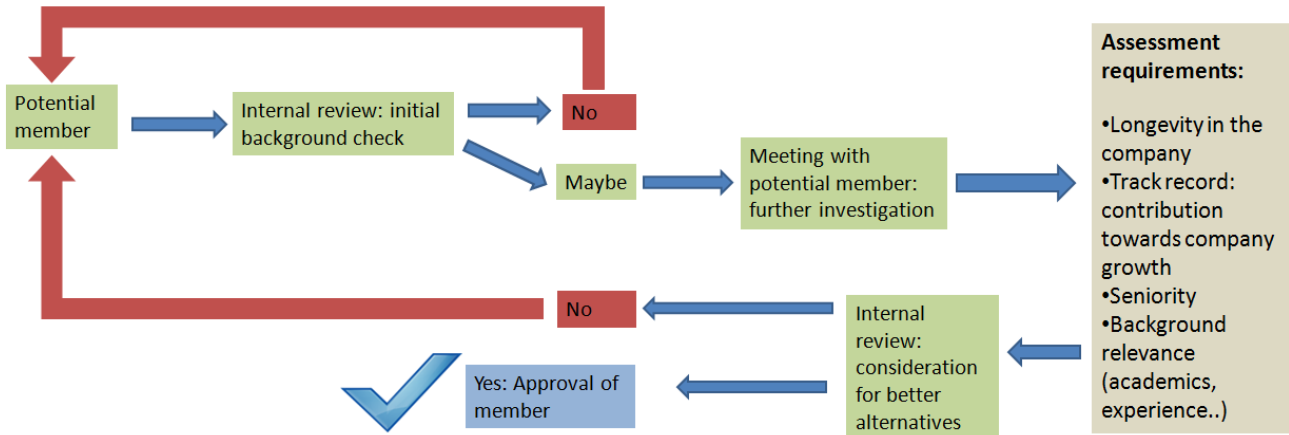




4.7 Process for determining the composition, qualifications, and expertise of the members of the highest governance body and its committees, including any consideration of gender and other indicators of diversity.

SBR has a process in place in order to assign members of its various governance boards: Governance boards are comprised of advisory committees of which:

- The sustainability committee
- The risk management committee
- The general review committee



New committee members are appointed for **a period of 2 years** after which their relevance on the board is reassessed.

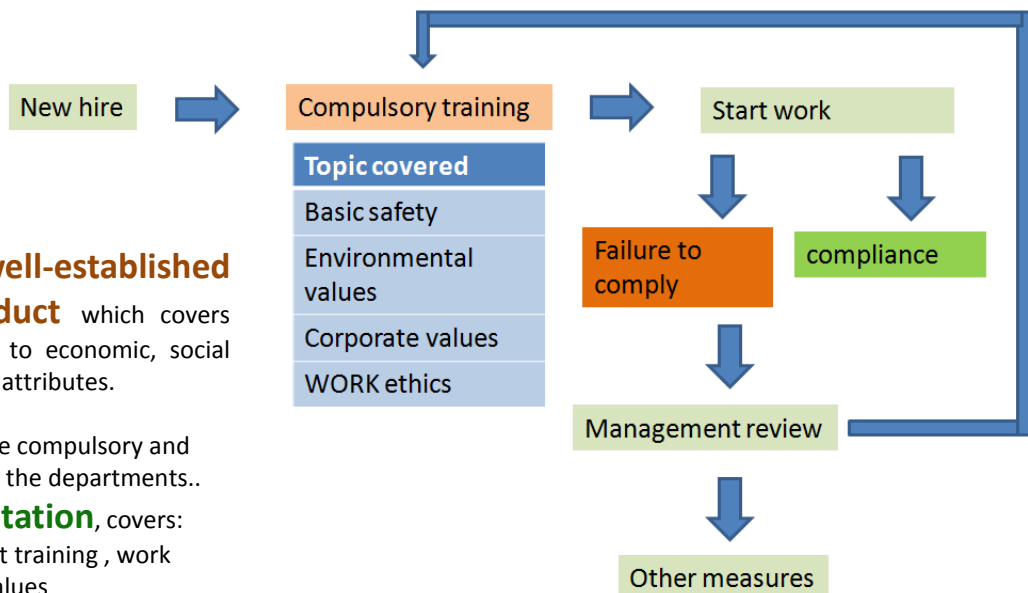
Diversity: **SBR does not conduct discrimination of gender** when appointing new members. Efforts are made to aim towards an equilibrium between number of man and women in the committees.

4.8 Internally developed statements of mission, values, codes of conduct, and principles relevant to economic, environmental, and social performance and the status of their implementation.

SBR has **a well-established code of conduct** which covers principles relevant to economic, social and environmental attributes.

These guidelines are compulsory and applied throughout the departments..

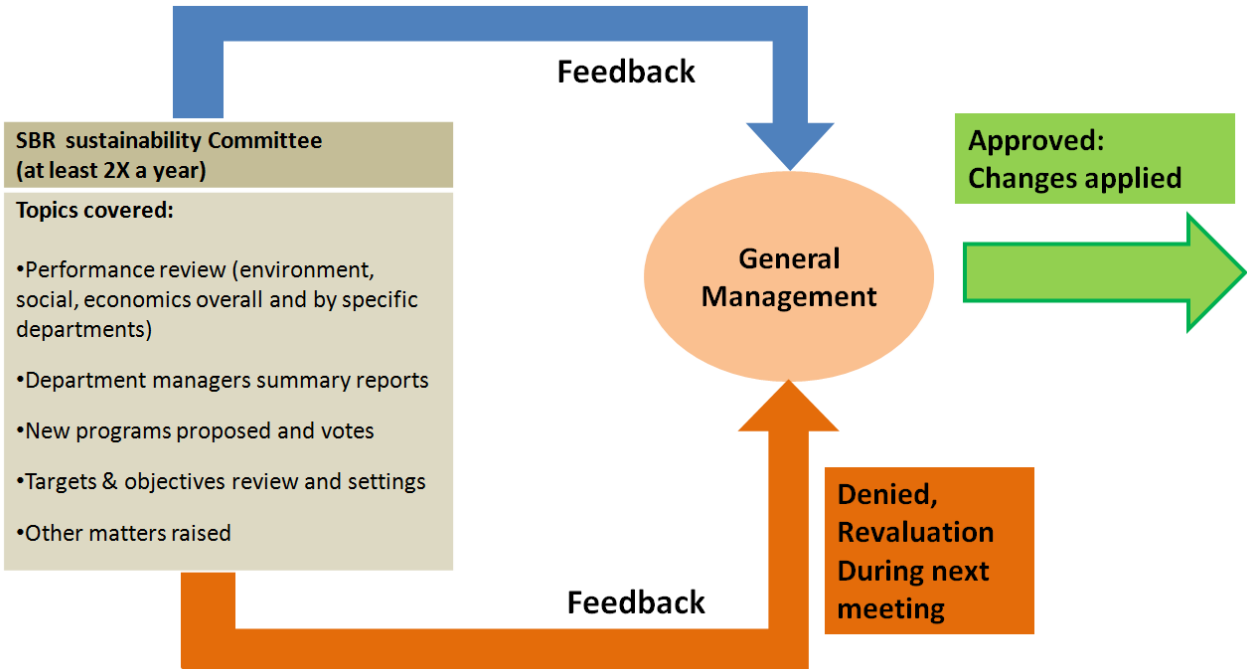
General orientation, covers: safety, environment training, work ethics, corporate values





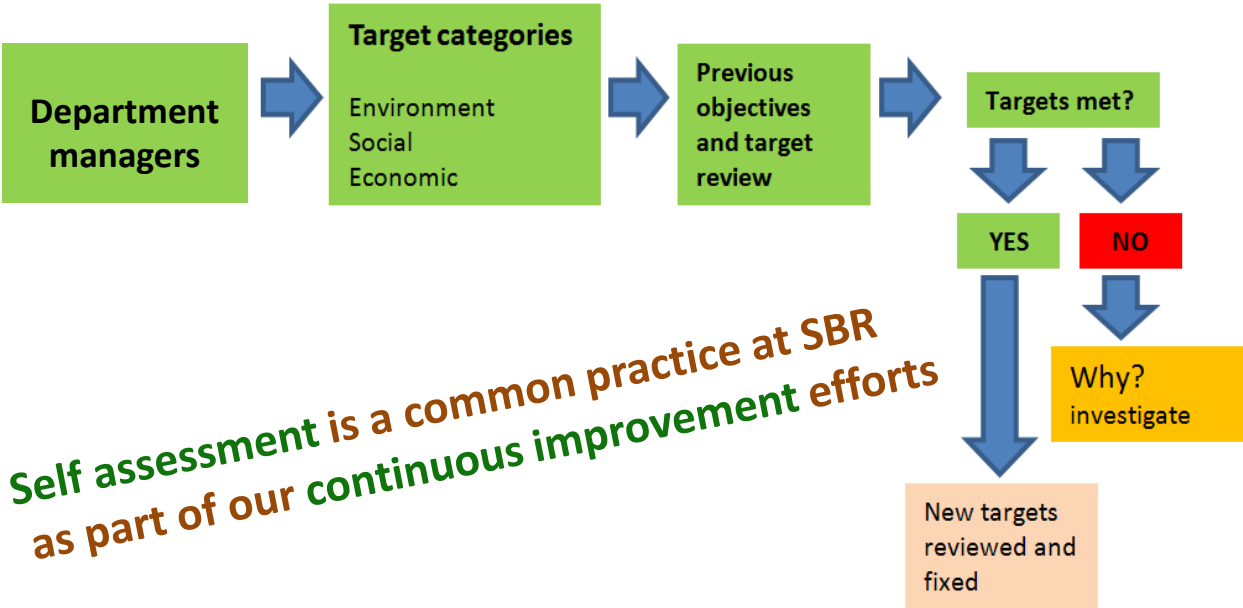
4.9 Procedures of the highest governance body for overseeing the organization’s identification and management of economic, environmental, and social performance, including relevant risks and opportunities, and adherence or compliance with internationally agreed standards, codes of conduct, and principles.

A number of indicators have been put in place in order to regularly assess the performance of the organisation with regards to economics, environment and social aspects.



4.10 Processes for evaluating the highest governance body’s own performance, particularly with respect to economic, environmental, and social performance.

During meetings, the **performance of existing targets and objectives are reviewed**. Each department managers will then give the results of the performance of previous fixed targets in the environment, social and economic fields. If targets have not been achieved, an investigation is launched to determine the reason and to fix a new target.





COMMITMENTS TO EXTERNAL INITIATIVES

4.11 Explanation of whether and how the precautionary approach or principle is addressed by the organization

SBR has put into place stringent codes of conduct when it comes to adopting a precautionary approach at all levels of its operations. The SBR sustainability committee plays a crucial role in the company **applying the precautionary principle at all levels of operations and systematically.**

The below diagram highlights the procedure:



Recently SBR has undergone a **risk management training** and application in which external auditors have conducted a risk assessment audit. Following recommendations from the auditors, numerous changes have been made to manage risks in a most effective and ethical way.

“Prof Monitor, Why is it so important for SBR to apply the Precautionary approach?”

“Well Squirzy, you see every action that SBR takes has elements of risks involved. Without a precautionary approach, some decisions made could have serious impacts on aspects as diverse as our surrounding environment or even the safety of our guests and staff. It is a kind of safety net to ensure a good and ethical decision making process.”





4.12 Externally developed economic, environmental, and social charters, principles, or other initiatives to which the organization subscribes or endorses.

SBR adheres to a range of externally developed charters and principles. While some of them are government regulations, many are voluntary initiatives by SBR to follow these standards and often even exceed them.

While SBR implements many of its own regulations and principles, it is important to base these principles and adhere to a range of internationally agreed standards.

Adopting a range of externally developed standards also reinforces SBR’s management policies and insures that the company has a strong backbone and set of standard operation procedures (SOP’s) in place.

Below are **some** of the guidelines:

Standard	Where applied	Date of adoption	Stakeholders	Type
UN Global Compact	SBR	Feb 2012	Multi-stakeholders	Binding
Risk management	SBR	Jan 2012	Multi	bizSAFE level 3
Fire safety	SBR	since 2006	Multi	Legally binding
F&B/ food hygiene	SBR	since 2006	NEA	Legally binding
Eco Hotel Guidelines/TUV Rheinland	SBR	Jan 2011	Multi	Voluntary
Eco Hotel guidelines/SEC	SBR	Nov 2010	Multi	voluntary
Singapore Construction codes	SBR	Since construction	Multi	Legally binding

SBR is fully compliant with all government regulations

We also follow a range of voluntary standards and set some for ourselves

“Prof Monitor, SBR is a relaxed environment. I like it because it gives me a feeling of freedom and to do what ever I want!”

“Actually Squirzy, it is true that SBR values its lay back atmosphere and freedom. SBR wants its guests to enjoy their stay above all. However, as a public environment SBR does have a range of strict regulations which are put into place and enforced to ensure guests safety and comfort.”



4.13 Memberships in associations

SBR is associated with **a range of stakeholder organizations**. While some are related to the hotel business many have been established through the **sustainability programs** and CSR outreach.

SBR believes that being a member of these associations extends its sphere of influence and in many instances allows it to **play its corporate citizen role**.

Association	Comment
Ministry of the Environment Youth Environmental Engagement	SBR meets a few times a year with members of the ministry to network and share best sustainability practices and involvement of the youth community in Singapore.
Sentosa Island Partner	Sentosa Island regularly organises meetings between its island partners and often by inviting third party organisations to discuss about future and potential development plans of the island.
Singapore Compact for CSR	A primary point of contact for CSR related events and support in Singapore. As a member, SBR is regularly involved in seminars and meetings organized by this organization. SBR has also sponsored some of these events.



Association	Comment
UN Global Compact	Signatory/Member. The United Nations global CSR initiative is the world's largest CSR initiative that aims to drive more sustainable practices in businesses throughout the world. Since 2012.
eco-business.com	Asia-Pacific's largest environmental business community. As a member and an approved client, SBR submits regular environmental related articles to this platform .
Singapore Environment Council	SBR is actively supporting the work of SEC through sponsorships or direct involvements.
PUB's Friends of Water Network	SBR is an active member of the Public Utility Board's Friends of Water Network, and supports efforts to promote water conservation.
Singapore Nature Society	As a member SBR regularly attends events organized by this organization. It also has sponsored some of their initiatives.
National Environment Agency	Learning Journey partner for PS21 Excel Convention 2010. SBR is the first learning journey partner from the private sector.
St Andrew's Autism Centre	SBR actively supports the integration of people in need through its partnership with the organization.

SBR has membership with various organizations



Through its various memberships, SBR significantly expands its **sphere of influence**



Association	Comment
Make a wish Foundation	SBR regularly donates to this foundation which aims to give children with life threatening illness an opportunity to realize a wish
National University of Singapore	Member, Raffles Museum. SBR financially supports many causes of the museum
Singapore Business Federation	Member as a corporate but also as a participant in their sustainability forums
Singapore Packaging Agreement	Signatory/Member. SBR is committed to reducing its packaging waste.
Tripartite Agreement on Fair Employment Practices (TAFEP)	Signatory/Member. SBR implements and supports fair employment practices and a diverse workforce.
Open Door Fund (recruiting disable and senior persons)	Member. Facilitating recruitment for the disabled and the senior persons

SBR is **active** in engaging with Stakeholders through memberships and active contributions. While many partnerships are already established, **SBR constantly seeks new engagements opportunities...interested?**



and many others...

In the past 3 years alone, SBR has established numerous partnerships with various stakeholders in very different fields from environmental and social NGO's to government organization and the private sector. So far for SBR, joining an organization through membership has usually resulted in other means of collaboration **going beyond the simple membership** (e.g. organizing mutual events, sponsorship of events, working on mutual programs...)

SBR is very active in stakeholders engagement both through its mainstream business but also through CSR programs



Squirzy: "Through its various memberships, SBR significantly expands its sphere of influence. Prof Monitor often teaches me that a company with a heart is more important than one with deep pockets and that finding a right balance between being a financially successful business and a socially responsible one should be the aim of any business. Prof Monitor tells me that when I get older, I will come to understand this concept!"

It feels good to be a good corporate citizen!

STAKEHOLDER ENGAGEMENT

The following Disclosure Items refer to general stakeholder engagement conducted by the organization over the course of the reporting period

4.14 List of stakeholder groups engaged by the organization.






Our stakeholders include all the various partners with whom we work with on the various programs that we have.

Main programs supporting organizations

SBR has developed a number of high level outreach CSR programs. Some of these programs have gained a lot of support from leading organisations in their respective fields. Below is **a selection** of latest engagements with stakeholders.

Organization	Program partner
	World Wide Fund for Nature: SBR Biodiversity Portal
	Conservation international: SBR Biodiversity Portal
	Tropical marine Science Institute: SBR Biodiversity Portal
	Raffles Museum of Biodiversity Research : SBR Biodiversity Portal
	Census of Marine Life: SBR Biodiversity Portal
	The Singapore Institute of Biology : SBR Biodiversity Portal
	Singapore Environment Council: SBR Biodiversity Portal
	Science Centre Singapore: SBR Biodiversity Portal
	National University of Singapore: SBR Biodiversity Portal
	United Nations Environmental Programme: SBR biodiversity portal



Organization	Program partner
	www.eco-business.com : SBR eco articles
	Origin exterminators. Sustainable solution to mosquito control
	Singapore compact for CSR. Various events
	Singapore Polytechnic SBR Eco Tours/internships
	University of Nevada Las Vegas. SBR Eco Tours

...And many others...

SBR is continuously seeking new partnerships with various stakeholders

Other stakeholders comprise the following

Stakeholders	Comments
Customers	Guest staying at the hotel as well as passing guests (e.g. F&B guests)
Civil Society	SBR is very active in reaching out to society through its numerous CSR programs
Employees and other workers	SBR puts a lot of attention on its employees and contract workers which play a very important role in the success of the business
Suppliers	As an hotel environment, SBR works with numerous suppliers many of which are active in the sustainability field

SBR CSR initiatives



Siloso Beach Resort

Blending Life and Leisure with Nature

Eco Tours



The eco tours have taken place **for the last 3 years**. The aim is to **showcase and share** the **sustainability** achievements at the hotel with various stakeholders in order to inspire others to embark on the same path. This program has been very successful and to date **more than 7000 people** from university students to fortune 100 companies top executives have attended the tours.

Purpose

We use **the resort** and its environmental aspects as **a case-study** for the environmentally sustainable business model. The aim is to create awareness of environmental issues and help to develop more compassion for the environment.

Duration

1.5 to 2+ hours, followed by 15 minutes for Q&A.

Who

The Eco Journey is mainly tailored towards company groups and tertiary students and above, however we offer the tour to anyone who is interested in environmental sustainability. This includes stakeholders like in-house guests, partners, and suppliers.

The Program

The Eco Journey has 8 major “stations” or areas of interest all around the resort.

- Introduction – Explains the purpose of the tour, the general eco-concept, and the guidelines for constructing the resort.

- Villa Wing – This area aims to showcase blending leisure with nature, with trees even incorporated into the design of buildings.

- Rooftop Terrace – A stunning view of the South China Sea, and below our 100m long self-maintenance rooftop garden.

- Green Sanctuary – This area is where our own gardening staff grow plants and herbs for use around the Resort.
- Sustainable Farming – Learn more about the healthy vegetables that are grown on our rooftop.
- Landscape Pool – A unique swimming pool that is better for both people and the environment.
- Wormery – Learn how our earthworms turn food waste into organic compost fertilizer for our plants.
- Green Technology – Explains how the Resort uses technology to reduce energy and waste.
- Al Fresco Café – Learn about how we apply the 4Rs (Respect, Reduce, Reuse, and Recycle) in our Café.

Cost: The tour is **free as part of our Corporate Social Responsibility program**, in order to promote compassion for the environment and our sustainable business model. However, there is a small fee to gain entrance to Sentosa Island.

Events sponsorships

SBR regularly financially supports meaningful events.

Below is a list of **some** of the latest events SBR has financially supported:

- PUB’s Friends of Water Networking Session (2014)
- Singapore Compact’s International CSR Summit (2010, 2011, 2012, 2013)
- Singapore Packaging Agreement CEO’s Luncheon (2014)
- Make A Wish Foundation - Zecia’s Birthday Celebration (2012)
- Sentosa’s Clean and Green Workshop 2012
- Singapore CSR Compact: “Sustainability is about Ecology, Economy, and Equity” event (2013)
- St Andrew’s Autism Centre’s Teachers and Coaches Day 2013

And many other causes which we have financially supported



SBR Eco Tours, newly implemented logo

- SBR Eco Tours were implemented less than 4 years ago. In such a short time, the tours have grown in popularity and have become one of the main means for SBR to showcase and share its sustainability initiatives with various stakeholders.
- SBR intends over the next years to continue to grow and develop this program especially in providing more customized tours for various groups (e.g. universities, corporate, young children...)

SBR's Eco Tour program has been very successful in outreaching our sustainability efforts to over 3000 People so far..



Every tour that we conduct is synonymous with the success of sharing a cause which is close to our heart. We have many success stories to tell about this program and continuously receive feedbacks on people and groups which found that they have really learnt something useful. We are continuously adjusting this project to improve even further overtime..



www.biodiversity.sg

Recently, Siloso Beach Resort (SBR) has **developed** the Biodiversity website: biodiversity.sg, which it manages in collaboration with a range of institutions both in Singapore and internationally. The CSR project was developed during the International Year of Biodiversity in 2010 **to raise awareness** of the intensifying trend of the extinction of species on Earth.

The portal was conceptualized and developed **based on a book**: "The diversity of Life on Earth: from Heritage to Extinction". More than merely a unique educational platform on biodiversity, the website was specifically designed to serve as a hub for individuals and organisations willing to learn and act on the subject both locally and internationally.

The website has 3 main parts:

Learn – For those looking to increase their knowledge about biodiversity, the book "The Biodiversity of Life on Earth: from Heritage to Extinction" provides a comprehensive overview of general knowledge and issues relevant to the loss of biodiversity. This book is created to be interesting (with lots of pictures!) and readable by just about anyone, no matter what your knowledge of biodiversity.

Discover – There are various ways that you can expand your interest in biodiversity, be it through photos, videos, additional informational resources, scientific work, or finding out the places where you can see rich biodiversity. All these resources are provided here for you to tap into and discover.

Act – Given the rapid loss of biodiversity hotspots around the world and the urgency of saving species from extinction, taking action is of utmost importance. We help link you to the conservation projects that matter most to you. Please note that none of these donations are made through our site, but rather we simply provide links to credible conservation groups and projects.



Donations

SBR regularly donates in order to support meaningful causes.

One of the latest was a single donation of **SGD 500,000** to the National University of Singapore in order to support the implementation of **a real dinosaur exhibit** within the upcoming new Natural History Museum in Singapore.

As more **"conventional"** donations, SBR **regularly donates** to sponsor causes such as seminars, social causes, events...

SBR is an active philanthropist organization with regular donations to various social and environmental causes which are close to our heart



SBR central court

Many aspects of how the resort is built and overall dense vegetal coverage reflect our strong commitments of biodiversity conservation





Siloso Beach Resort has introduced a **cartoon concept** to promote **key environmental messages** throughout its facilities.

The idea is to make use of two created fictional characters (Prof Monitor and Squirzy) in order to outreach to our guests **in a fun and yet effective way.**

While, numerous environmental educational messages are already present throughout the resort (e.g. Eco huts, TV channels...), we feel that the cartoons will outreach more effectively to a wider public including **young children.**

Concept: Our aim is to passively provide environmental information and to use our resort as a showcase of sustainable best practices. We will always respect the choices of our guests to either ignore or take the time to appreciate the information that we make available. **Our concept is to provide our guests the possibility to learn something new about the environmental issues that we face and to reflect upon it, while having a good time at our resort.**

Characters role: The principle behind the characters is simple: Prof Monitor plays the role of the knowledgeable source which we use to convey accurate key messages. Squirzy (the squirrel), on the other hand, is a more funny character which serves the purpose of asking the right questions, but sometimes in a humoristic way.

Characters choice: We chose a monitor lizard and a squirrel to act as our eco ambassadors mascots for the simple reason that these two animals can been seen at our resort (mostly in the café area) and they also represent our commitment to the preservation of wildlife and biodiversity on our site.



“I told you we are famous! At SBR people can see us throughout the resort. I have a reputation of being a bit silly, but hopefully Prof Monitor is here to provide thoughtful answers to all my queries so that people can learn from my mistakes!”



SBR eco articles program



One of SBR’s program is to actively participate and drive dialogues on key environmental issues. In order to do this, SBR regularly publishes articles on www.ecobusiness.com which is Asia Pacific’s largest environmental business community. Through its contribution, SBR is an approved partner of eco business.

List of articles recently published:

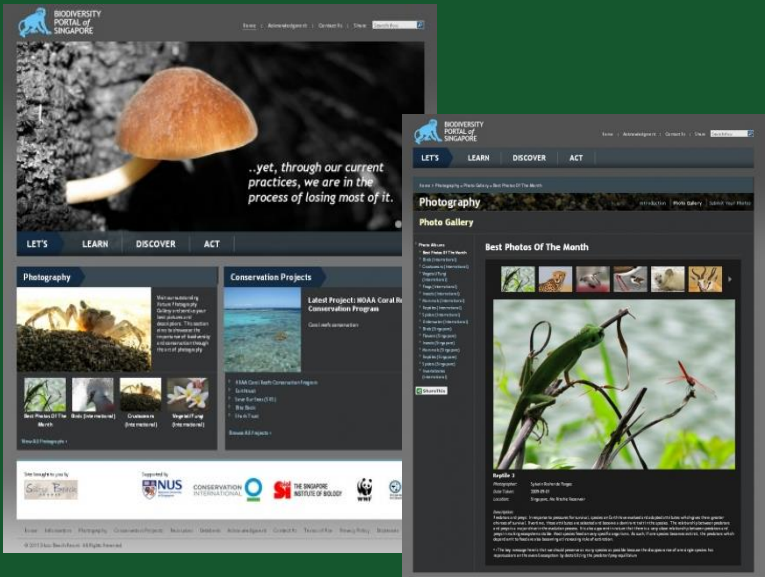
Title	Content summary
The power of human and recovered energies	The potential to generate power by recovering wasted energies
Food security: asking the right questions	Thoughts on the real concerns of the availability of food on the planet and sustainable solutions
Ozone: the forgotten threats	The ozone crisis, the evolution of recovery efforts and potential new coming threats
The value of water: a lesson from arid areas	The state of water scarcity on the planet and sustainable solutions
Climate forcing and the threat of feedback mechanisms	The threat posed by feedback mechanisms and sustainable climate remediation solutions
Demystifying the concept of sustainable construction	How to build a sustainable construction project
Renewing renewables	A detailed analysis on energy supplies, trends and sustainable solutions
Driving an innovation revolution through biomimetic	The biodiversity crisis and how we could use biodiversity to our advantage
Can global sustainability be achieved without demographical considerations	An analysis of issues posed by demography and sustainable solutions
Putting CSR and sustainability at the heart of a business	The role of corporates in addressing environmental and social issues

SBR Environment Outreach (Mass media)



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Biodiversity Portal



SBR Eco-business.com articles



“Renewing Renewables”

“Biomimetics”

“Food security”

“The power of human energy”

“The global water crisis ”

“Demography”

...

Press releases/blogs/student reports...



SBR is regularly featured in press releases as well as students and companies reports to highlight its sustainable initiatives

Eco Panels



Siloso Beach Resort
Blending Life and Leisure with Nature

Numerous: panels describing the resorts environmental initiatives are displayed throughout the hotel



Eco Huts



SBR Eco Huts: a total of 7 huts throughout the resort display extensive information messages each hut on one key environmental topic



Biodiversity picture exhibit



Our café biodiversity exhibit showcasing pictures of wildlife taken within the resort as well as general text on biodiversity

Sustainable farming



SBR produces its own compost using an innovative vermicomposting system. The compost is then used as an organic fertilizer to grow vegetables on our rooftop. Organic vegetables are then supplied to the F&B department.

The aim is to provide **chemical and pesticide free** leafy vegetables for some of our dishes. The benefits are that because they are grown on-site by our own staff, we can ensure they are free of harmful chemicals. We are also lowering our environmental footprint:

1. Carbon footprint is lower since there is no fuel involved in transporting the final product.

2. Water footprint is lower, since we use our own spring water source that does not compete with the public water supply.

3. Land footprint is lower, since it is located on our Resort, and using the concept of urban farming to make the most out of limited space.

4. Ecological footprint is lower, since there are no pesticides and no fertilizers running off into the environment.

5. Food waste is recycled, as we use vermicomposting (worm) to produce top-quality 100% natural fertilizer for our soil, using the food scraps from our F&B operations.

Eco leisure

• **Sentosa nature trails:** SBR actively promotes the use of nature walks and trails located behind its resort. While many parts of Sentosa island have been sacrificed for development purposes, large areas of forested terrain still remain in the central part of the island. Numerous nature trails have been put into place for nature lovers to enjoy.

• **Singapore natural parks:** SBR also promotes within its premises and marketing material **eco tourism activities** within Singapore which are largely unknown to travelers.



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- **SBR ECO games:** SBR has developed its own environmentally oriented board games which it makes available to guests within public areas.

Eco huts

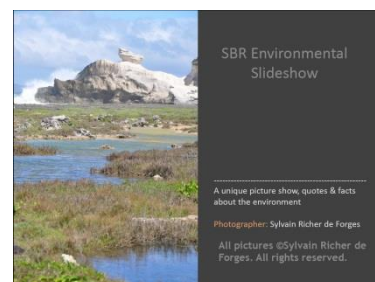


SBR has numerous huts on its site. Each hut has been utilised to convey key environmental messages on specific topics. **Each hut deals with a particular environmental concern.**

There are **7 eco huts:**

- The climate change hut
- The biodiversity hut
- The water hut
- The sustainable development hut
- The resources hut
- The population hut
- The pollution hut

Eco TV channels



SBR has dedicated **two in-house TV channels** to environmental awareness.

- One station showcases an environmental documentary
- Another station showcases a 1.5 hour presentation developed by SBR which explains the main environmental concerns of the century.



“By diversifying the type of media used to display the environmental information, SBR hopes to have a greater impact in reaching out to various groups and individuals”

Our unique roof-top organic farming



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Squirzy: "Prof Monitor, this roof top gardening program is very unusual. My Squirrel friends all over town told me that they never seen this before. Is it really special?"

Prof Monitor: "Yes, indeed **Squirzy**, it is very unique especially in a hotel environment. What is special is not so much about having organic cultures on a roof top, there are many other case studies. What is very special however is how we do it by having a fully integrated close loop system using food waste from our kitchen and processing the waste into fertilizer by using our Worm composting facilities. The efforts put into this process are truly remarkable and highly successful."

I spend a lot of time gardening our organic vegetables



And I get to cook them!





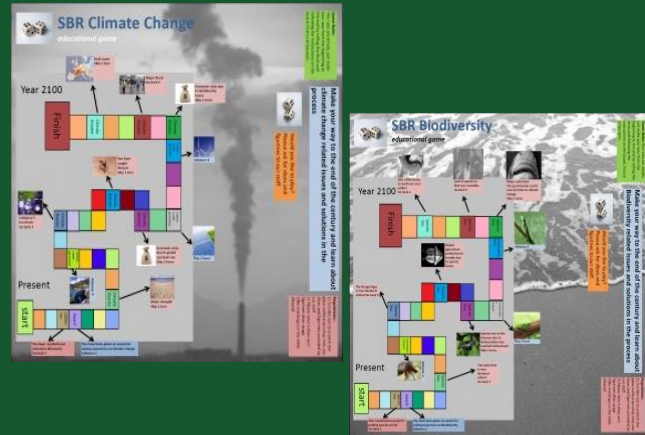
Actively Promoting Eco leisure activities

Promoting Sentosa Island Eco Trails at the resort as well as Eco tourisms activities in Singapore in General (nature reserves...) to our guests:



Eco trails in SBR's backyard campaign

SBR Eco Games



SBR has developed board games on the thematic on Climate Change and Biodiversity for its guests



Our website features a lot of information of our environmental initiatives as well as general environmental resources

SBR Sustainability Portal:
<http://www.silosobeachresort.com/gi.asp>



SBR Environment Mascots

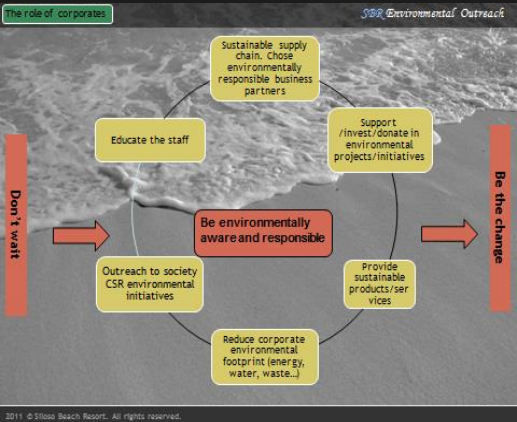
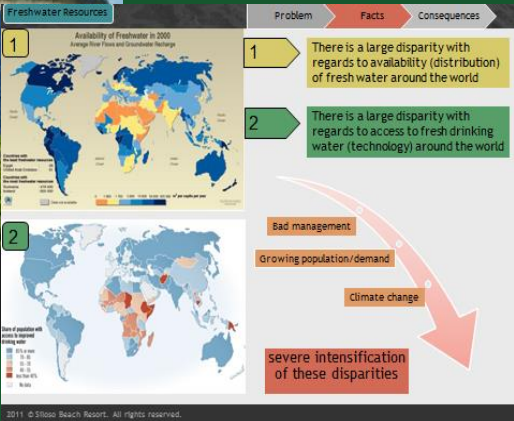
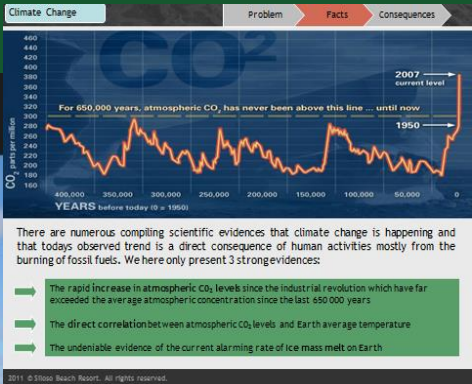


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SBR mascots helps to convey key environmental messages throughout the resort in a fun way

SBR in house Eco TV Channels



SBR Eco Channels are available in all our 180+ guests rooms and are a very effective way to outreach on these issues to a broad audience transiting through the hotel

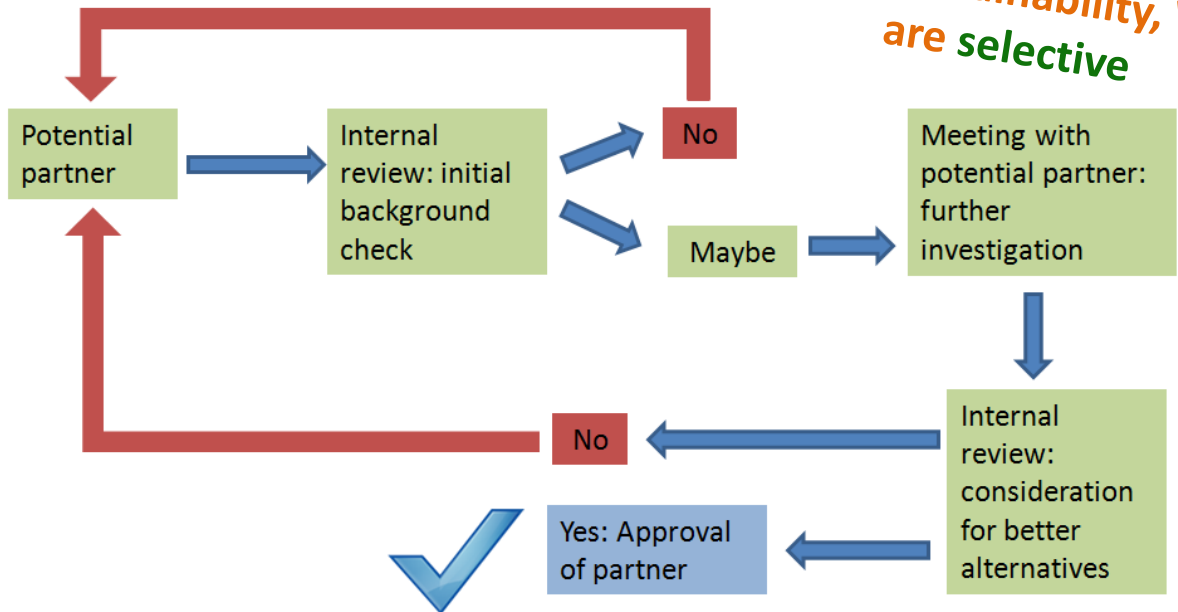
4.15 Basis for identification and selection of stakeholders with whom to engage.



As an eco-hotel, SBR takes particular care to select **stakeholders which share its vision of sustainability**. The below diagram highlights the systematic process by which SBR chooses its stakeholders:

This selection is targeted at different levels with different levels of stringency:

When it comes to sustainability, We are selective



Stakeholders	Comments
Hotel Guest	SBR primary target is to attract eco conscious travellers . In order to achieve this, SBR primarily advertises its services in eco travel platforms. However, SBR remains open to accept any type of guests to its facilities.
Suppliers/service providers	SBR takes great care in assessing every purchased product to be sustainable . In order to do this, particular care is taken to assess every purchased item and to identify potential alternatives which are less impactful on the environment.
Program partners	As most of SBR programs are into sustainability, SBR is very selective on organisations with whom it partners

“Prof Monitor, Why can’t SBR just approve any stakeholder, wouldn’t this be better for the business?”



“Well Squirzy, you are right. It would probably be more profitable to just do business with anyone. However, you see SBR is a responsible business and has strong commitments to select its business partners to be some which also share its sustainability values. By doing so SBR can extend its sustainable outreach beyond the boundaries of the organization. SBR is only interested to do business with like minded individuals and organizations. This philosophy is good for the long term prosperity of SBR”



4.16 Approaches to stakeholder engagement, including frequency of engagement by type and by stakeholder group

SBR has various approaches to **engage with stakeholders**:

Surveys

SBR is regularly approached by stakeholders who wish to undertake **surveys**. In recent years many of these surveys have been targeted at third parties gaining a better understanding of SBR sustainability initiatives.

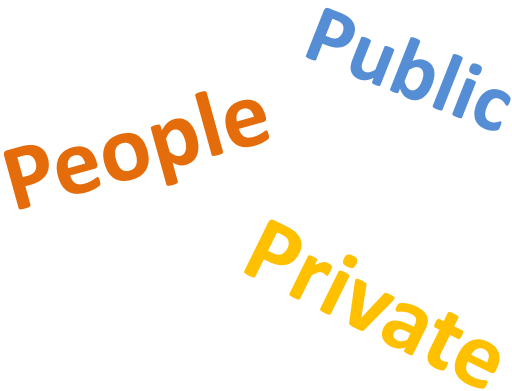
Focus groups

SBR is open to collaboration and partnership with all stakeholder groups.

In the past years, SBR has gained strong stakeholder partnerships with groups as diverse as:

- Government Organisation** (e.g. Ministry of the Environment and Water Resources, National Environment Agency, National Parks Board, Public Utilities Board, Ministry of National Development...),
- NGO’s** (e.g. Singapore Environment Council, World Wide Fund for Nature, Conservation International, Singapore Compact for CSR...)
- Private Sector**: SBR is regularly engaging with various private sector entities, from suppliers to manufacturers or service providers
- Public Sector**: SBR engages with many public sector organizations such as universities, schools, community services...

Our **3** focus groups:



Community panels

SBR sits on a number of community /discussion panels , of which **some** include:

- Ministry of the Environment and Water Resources.** Corporate and education institutions engagement
- Sentosa Island partners discussion group**

Written communications

SBR engages with various stakeholders through written communications means.

- Reports on environmental initiatives**
- Sustainability and CSR programs**
- Articles/news**
- Marketing material**
- Audiovisual materials**
- Eco tours**

and many more...

Frequency of engagement

Stakeholder group	Frequency
Hotel Guests	Constantly
Government organizations	Frequently. Mostly through attendance of events and events sponsorship
Private sector	Constantly through our supply chain and various programs (e.g. eco tours)
NGO’s	Frequently. Mostly through our CSR programs (e.g. biodiversity portal) and events sponsorships



On site engagement

SBR has a range of programs aiming to engage stakeholders **on its site:**

Stakeholder engagement	Description
Environmental Channels	Two channels in the Resort are dedicated to providing environmental information, and are available in all guest rooms and in common areas.
Eco-Huts	Various huts (7 in total) around the resort contain environmental messages. It is a passive learning concept, where information is made available in a very relaxing environment.
SBR Mascots	In an effort to make their environmental messages more fun and appealing to kids, SBR has created two mascots.
Self-Guided Eco Journey	For those guests who wish to know more about the Resort, there are self-guided Eco Journey panels placed throughout the resort. These panels provide key facts and figures about the hotel environmental achievements which are elaborated in much more depth in the guided eco tour
Eco Corner	Located just outside SBR’s reception, it is a starting point for guests to learn about the environmental activities of the Resort. Most importantly, the area hosts a large map of the resort, pointing out the environmental messages and highlights.
Guest Conservation Messages	Messages to guests about conservation of resources are present at SBR’s Reception, and in the rooms which have “10 tips to have a greener stay”
Café Biodiversity Exhibit	SBR’s Café features large pictures of biodiversity taken around the Resort. On the side of each picture information about the species, and a message about nature conservation are present.
Real Dinosaur Bones Display	In collaboration with NUS, SBR is displaying real diplodocus vertebrae bones.
Eco Leisure	A Climate change themed board game is available for guests to play. Through playing the game, they are made aware of some of the most important consequences of climate change.

and many more...

“Prof Monitor, why is SBR trying to engage its stakeholders on its site in so many ways?”



We Engage
People to care for &
protect the environment!

“Well Squirzy, it is one of SBR’s fundamental principles to actually use it’s facilities as a test bed and a showcase of sustainability practices. SBR hopes by doing this to inspire many people who transit through its facilities.”



4.17 Key topics and concerns that have been raised through stakeholder engagement, and how the organization has responded to those key topics and concerns

Guests: *misunderstanding of the concept to preserve much wildlife on site including monitor lizards and insects.*

SBR response: As an Eco Hotel, SBR has a strong commitment to preserve biodiversity on site. As such it made significant efforts to minimize the impacts through the built environment by preserving the initial terrain, trees and plants. It also takes great care in pest control and cleaning products to use less impactful products. As a result, one would expect to find more species at SBR than in a conventional hotel where these could be considered as pest. SBR is trying hard to communicate this message to its guests that biodiversity preservation is important and a primary goal of SBR in order to blend leisure and nature together and provide a memorable staying experience for nature lovers.

Guests: *misunderstandings on the concept not to provide amenities in the rooms (tooth brush, shampoo bottles...). It has come to our attention that there has been a few misunderstandings on the fact that SBR does not provide amenities kit in the rooms. The misunderstanding is on the fact that SBR is trying to reduce on cost by doing so.*

SBR response: SBR has been very clear that the reason for not systematically providing amenities in the guests rooms has nothing to do with cost saving but is purely an environmental initiative to reduce wastage within the resort and to promote good practices to our guests. We wish to highlight that any guest can request for such services and that amenities are indeed available on request by the guest should they need it.

We believe that too often amenities provided in hotels throughout the world result in tremendous wastage and resource usage. Serious studies also highlight that many guests would not make any use of such amenities and usually bring their own products with them (e.g. tooth brushes, shampoos...).

SBR has resumed to provide amenities in all the guest rooms.



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Prof Monitor: “while most of the guests staying at SBR appreciate the efforts done to preserve and raise awareness on environmental issues, there is always a small proportion that do not fully understand the concept. SBR is trying hard to convince these people and explain what SBR is trying to do”



Guests: *misunderstanding on open door concept throughout the resort (non air conditioned public spaces).*

SBR response: Indeed, at SBR only 28% of the terrain is covered area. The rest has been kept open space as much as possible. One of the main reason for this was to preserve the existing trees on site (more than 200 initial trees have been preserved). The other reason is for energy efficiency. By having open public spaces, which are either using natural cooling (wind) or ventilators, SBR is able to significantly reduce its energy consumption. SBR believes that the excessive use of air conditioning in public spaces is not necessary to achieve a desired level of comfort.

Guests: *misunderstanding on the need to apply mosquito control treatment on site.*

SBR response: There has been some complains that SBR was using fogging methods to treat its mosquitoes. Some guest found it to be disturbing while they are enjoying the outdoor environment and that as an eco hotel SBR should not use chemicals.

As a resort which is located in an environment with very high vegetal coverage, SBR has no choice but to apply mosquito control procedures. This is actually not only SBR's choice but also a government regulation in Singapore as part of the fight against dengue fever potential cases.

However SBR has taken feedbacks into account and since over a year is trying a new pest control technique that makes use of alternative treatments using a bacterial based solution around the perimeter of the resort. This process is much less impactful on wildlife which is very important to SBR.

SBR would like to highlight that it is very mindful of guests comfort and wildlife welfare but it is also concerned about assuring a safe environment for its guests and staff.

Environmental MATERIALS

Since its conception, SBR has always made use of a **very significant amount of reused and recycled materials** within its facilities. The concept has overtime been implemented into operational standards and management guidelines.

The below highlights **some** of the elements:

- Many of the stairways at SBR have made use of unwanted old train tracts wood from Australia. SBR has a **permanent wood workshop** and all the wood coming into SBR is from reused or recycled sources.
- Extensive surfaces of indoor corridor floorings are made from recycled tires (rubber mats)
- 100% Reused children playground furniture

In addition to active implementation of recycled and reused elements, SBR is active at promoting and practicing the 3 R's (Reduce, reuse, recycled). In fact, SBR has come up with its own version by adding another R. Indeed, SBR's policy is **first to respect** the surrounding environment (especially natural features and its inhabiting biodiversity), and then reduce, reuse and recycle.

Efforts to reduce are very present throughout the resort with practices implemented in areas such as F&B and housekeeping.

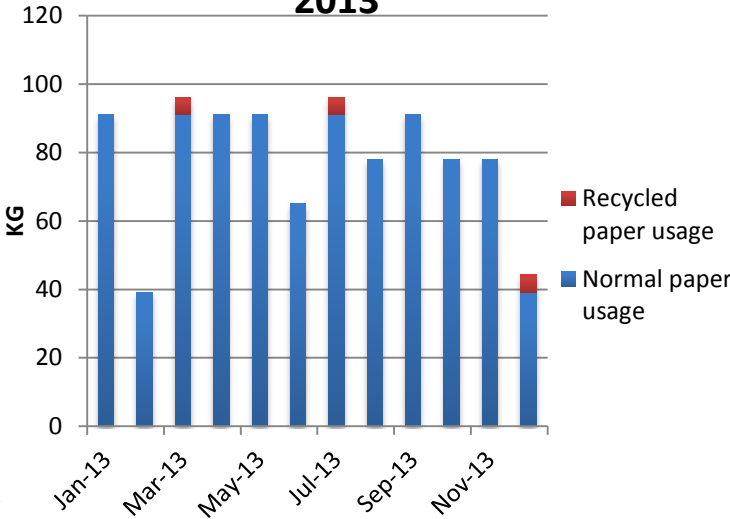
Squirzy: "Like the rest of the residents of SBR (staff), it took me some time to get used to the concept of segregating various types of wastes and to put them in the appropriate bins and emplacements. Thanks to the numerous messages on site, I finally managed to get it right!"



EN1 Materials used by weight or volume

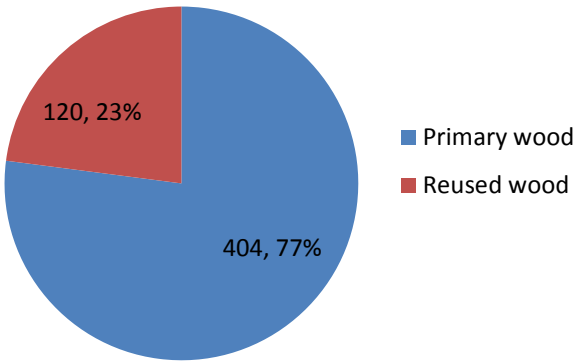
Various materials have been used in the construction of the resort and its daily operations. Two of the most important materials are wood and paper inputs.

Total weight of paper used for 2013



Total weight of paper used for 2010 : **1042.6 KG**
 Total weight of paper used for 2011 : **1094.6 KG**
 Total weight of paper used for 2012 : **1070.0 KG**
 Total weight of paper used for 2013 : **923.0 KG**

Total volume of wood used from 2005-2013 (by cubic meters)



Total volume of wood used from 2006 to 2013*: **524 cubic meters**

*The amount of wood used in 2012 and 2013 was negligible, as such the data has not changed since the last reporting period.

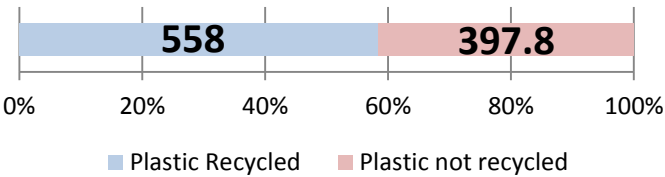
SBR makes use of a very significant amounts of either reused or recycled materials throughout its site

Plastic Disclosure Project

SBR is committed to reducing its plastic waste, and this year will be disclosing information about its use of plastic through the Plastic Disclosure Project Survey. For more information, visit www.plasticdisclosure.org



Plastic Bottle Usage (Kg)



EN2 Percentage of materials used that are recycled input materials.

Usage of input materials like paper and wood are a necessity to running our business, which unfortunately can contribute to deforestation, climate change, and loss of biodiversity. For this reason we apply the following guidelines:

- Maximize use of reused wood
- For primary wood, incorporate sustainability (FSC certified) and durability (cheap wood will need to be replaced frequently)
- Use recycled paper for selected printing
- When normal paper is used, ensure it is not wasted and always used on both sides and then recycled.

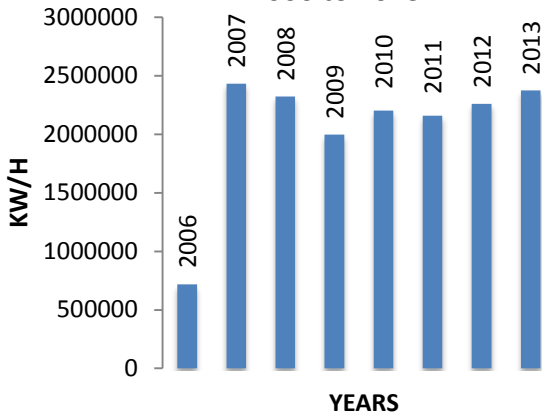
Material	Comment	Weight/Volume	% of Total
Wood	At SBR some of the outdoor staircases (numerous considering the hill type of terrain) are from reused source from dismantled train rails from Australia. SBR has its own wood workshop and full time carpenters on site which make use of waste wood items collected from demolition sites to make and repair items within the facilities.	120 cubic meters	23%
Outdoor children playground	The children playground has been collected from an unwanted source (second hand)	Not available	100%
Corridor rubber mats	All SBR main corridors carpets have been changed to recycled rubber mats	Not available	100%
Paper	We use recycled paper for selected areas, such as printing of brochures, name cards, feedback forms for Eco Tours, various posters, and reports. We plan to increase our percentage of recycled paper usage in the following years.	41.6 kg (2010/11/12) 10.4 kg (2012 alone) 15.6 kg (2013 alone)	1.5% 1% 1.69%

We actually practice **our 4R's**: we believe that we should **first Respect** nature then **Reduce**, **Reuse** and last **Recycle**.

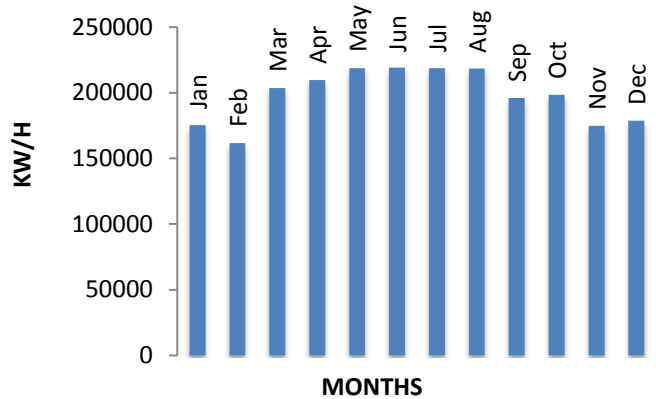


ENERGY

Yearly Electricity Usage from 2006 to 2013

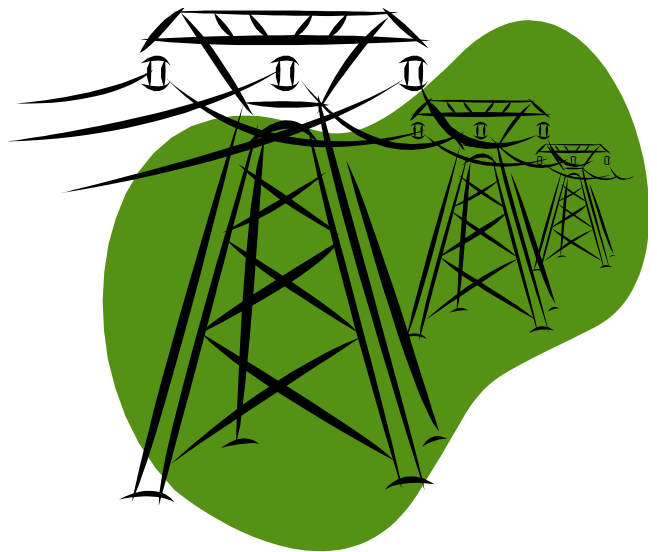


Monthly Electricity Usage in 2013



At SBR, energy management is well taken care of. The uniqueness of our practices is however towards **good initial passive design** of the structures at the resort. Indeed, the hotel was **designed** from the very beginning **to be energy efficient**.

SBR's electricity consumption is **below average** for a hotel of this size. The most surprising aspects of the above graphic is that energy consumption has remained relatively stable over the past few years. This is not due to a lack of actions to reduce our energy consumption, but rather due to the fact that the hotel was designed from the beginning to be energy efficient (mostly through good structural design and energy efficient appliances).



At SBR Energy management has been progressive

Phase 1: Good structural design

The hotel's unique architecture allows passive and significant energy efficiency

Phase 2: Retrofitting

Once the hotel was built, numerous energy efficient technologies and appliances have been and continue to be implemented

Phase 3: Management

Numerous management guidelines were put into place

Phase 4: Sharing

We are now at the stage of sharing what has been done in order to influence others to adopt energy efficient practices especially on aspects of passive design



SBR central court, open corridors



Our open concept combined with high vegetative coverage and other features such as rooftop gardens already account for very high energy efficiency at SBR

ENERGY



EN5 Energy saved due to conservation and efficiency improvements.

Technology	Energy saved
3 rd generation modular heat exchange chiller system	30% savings compared to more conventional chillers
Balanced wave systems	10% saving on installed appliances
Efficient lighting throughout	15% compared to incandescent lighting
Passive construction design	30-40% or more than conventional buildings
Management guidelines	5-10% of energy from lighting and appliances
Energy efficient water heater	15% compared to conventional heater

Our resort is very energy efficient

While it is difficult to evaluate with precision, SBR is confident in saying that through the combined efforts of the energy efficient technologies, good energy passive design and good management practices, SBR facilities are **at least 30-40% more energy efficient** than a conventional building would be.

What about all the trees?

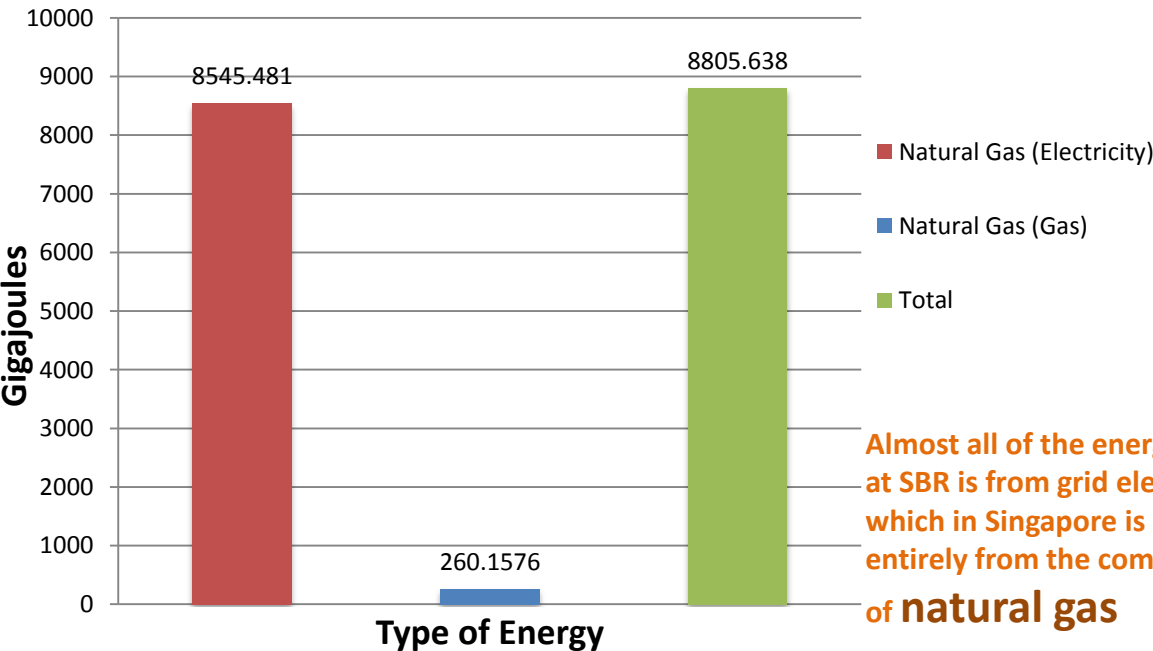
Furthermore, the decision by the management to preserve a vegetal coverage and trees on site contributes to an additional very significant energy saving which we have yet to gain clarifications on. Indeed, trees provide shading, retain humidity and therefore significantly contribute in reducing the building heat load.

EN3 Direct energy consumption by primary energy source

At SBR the energy source is currently from grid electricity. In Singapore the vast majority of grid electricity is produced through the combustion of natural gas.

We also have on site emergency energy generators which operate on diesel. However, these generators are only used in case of main energy supply cut off.

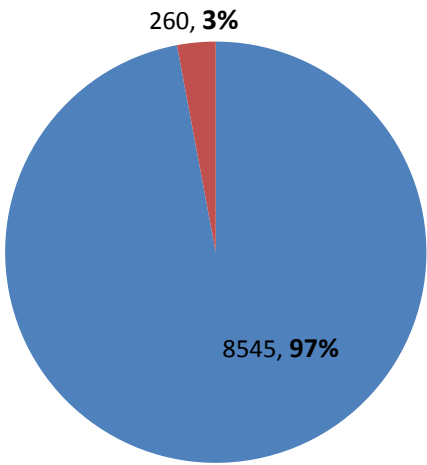
Energy used in 2013 by gigajoules



Almost all of the energy used at SBR is from grid electricity which in Singapore is almost entirely from the combustion of natural gas



Percentage of Energy Used Based on Source (by gigajoules)



- Natural Gas (Electricity)
- Natural Gas (Gas)



Squirzy: “Prof Monitor, SBR’s energy usage seems out of balance, almost the energy is from natural gas. Why is it so??”

Prof Monitor: “Yes indeed Squirzy. You must understand that in Singapore almost all of the energy is produced from the combustion of natural gas. The energy from the power plants is then redistributed to the grid. Therefore when we switch on the light in fact we are burning NG”

Squirzy: “Right I get it. What about the gas and diesel?”

Prof Monitor: “The gas usage is mostly for cooking and the diesel for vehicles”



EN4 Indirect energy consumption by primary source.

Indirect Energy Consumption for 2013	Gigajoules	Source
Indirect Energy Purchased	8805.638	Electricity (non-renewable)
Estimated* Primary Energy Consumed in production of Indirect Energy	10212.94	Natural Gas

*As no data is available regarding primary energy consumed to produce indirect energy, we have estimated the amount of primary energy used based on the Singapore data for 2009 provided to the International Energy Agency:
http://www.iea.org/stats/electricitydata.asp?COUNTRY_CODE=SG



Third generation modular heat exchange Chiller system.

The Resort aims to be a test bed for advanced green technology. This includes our energy efficient third-generation modular heat exchange chiller system, which collects the heat dispersed from the air-conditioning process and uses it for heating water for rooms. In our kitchen, we are testing a special energy-efficient water heater, and a machine that uses bacteria to turn our food waste into fertilized water.

At SBR we believe that investing in more energy efficient technology makes both economic and environmental sense



State of the art
Energy efficient water heater for our kitchen

Energy efficient lighting solutions and appliances throughout the resort



Systematic use of LED & CFL lighting throughout the hotel

And much more...



Swimming pool
ionization
treatment
systems



Swimming pool
sand filtration

Our pool does not use conventional chlorine treatment but various filtration and purification steps



E-clean balance
wave technology
units: technology
that reduces
heat loss from
incoming
electrical current

SBR is home to one of the **longest self maintained roof top gardens in Singapore**



Siloso Beach Resort
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SBR is home to one of the longest self maintained rooftop gardens in Singapore. This helps to significantly increase vegetal coverage and energy efficiency

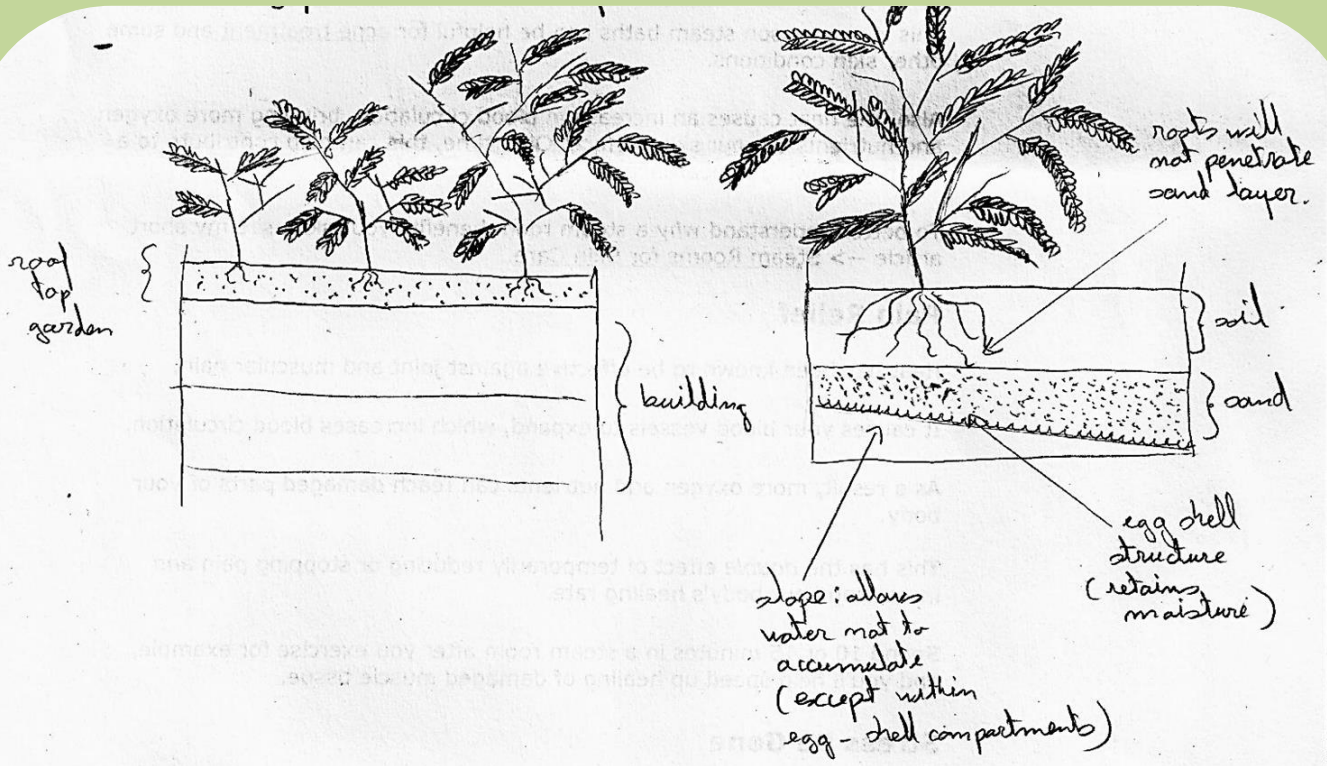
Our green roof is loooooong!



Section of green roof seen from central rooftop



SBR case study : **Roof Top Garden Technology**



There are numerous roof top technologies now available (some more proven than others). The advantage of self-sustained roof top gardens is that they provide a significant advantage for naturally cooling the space below. Furthermore, they increase the vegetation coverage and provide habitats for species.

It is important to consider implementing a rooftop garden from the beginning as they will add significantly more weight on the structure which needs to be accounted for in the construction design.

A simple yet effective methodology consist of constructing containers on the roof. The containers bottom should have a slight angle and be connected to a drain so that water does not accumulate. The first layer comprises an egg shell substrate (to retain humidity); on top a layer of sand (about 30cm) so that roots will not penetrate the structure; on top soil is finally added.

Setting a roof top garden is highly beneficial in terms of significantly increasing vegetal coverage, improving energy efficiency and providing water management solutions through rainwater harvesting and filtration

Roof top gardens should become much more present in urban design



Open air pathways

SBR open air structural concept plays a significant role in passively reducing the energy use around the resort (natural air flow + natural lighting). At SBR more than **70%** of the terrain has remained open space



Open air corridors

**Open concept =
Natural lighting +
Natural cooling =
Energy efficiency**

And much more...



Open air cafe

EN6 & EN7 Initiatives to provide energy-efficient or renewable energy based products and services to reduce indirect energy consumption and reductions in energy requirements as a result of these initiatives.

Energy saving through outreach

- Management Energy Saving Guidelines for staff:

SBR has **specific staff guidelines for energy management**. The guidelines highlights best practices and limitations that SBR staff must respect and that contribute in reducing our energy usage. These guidelines include (but are not limited) to aspects such as: Switching lights off in areas not in use (e.g. seminar rooms after events) or switching off specific appliances when not in use.

- Messages to initiate guests to save energy:

Our approach at SBR is that **we try to involve our guests as much as possible**. As an eco resort we promote environmental messages throughout the site. We however believe that in a hotel environment we cannot force our guests to take such actions but we are doing everything we can to encourage our guests to take part in our environmental initiatives. Such measures include: numerous environment education messages throughout the resort (messages are strongly present in all locations starting from the reception); 2 in-house TV channels are dedicated to environmental awareness. One showcases a movie on general environmental trends, while another one is a slide show designed by SBR that intends to educate the guests on main environmental issues and to take actions to contribute in reducing these impacts (water management, climate change, biodiversity losses...).

Energy Saving through technology

- LED & CFL lights: throughout the resort,
- Energy efficient pumps:
- Extensive use of fans instead of air conditioning:
- Balanced wave technology: (a technology that reshapes the incoming electrical current therefore making it more stable and significantly reducing energy loss through heating).
- 3rd generation heat exchange chiller system:



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SBR Energy unit

Our third generation modular heat exchange chiller system is very efficient and was customized for our resort to maximize energy efficiency output

- Third generation modular heat exchange chiller system
- Energy efficient boiler in kitchen
- Energy efficient TVs and general electrical appliances
- Window films: all the rooms windows are fitted with protective films which serve the purpose of filtering sun radiation and dimming the sunlight. By doing so, the rooms are kept at a cooler temperature

Energy Saving through initial design

Open concept: All the room corridors have an open concept which serves the purpose of maximizing natural air flow and natural lighting therefore significantly reducing energy consumption for cooling or lighting purposes. At SBR numerous public spaces adopt an open air concept such as the café/restaurant area, outdoor gym. It was in fact one of the original guidelines that the built area would be kept to a minimal (built-up environment is only 28%).

All the buildings are on stilts: It was decided that all the buildings were to be constructed on stilts (main buildings as well as the villas). Having the structures on stilts allows air flow to circulate from below the buildings as well as between buildings which provides a natural cooling effect (only slight cooling is achieved through this mean).

Roof top garden: SBR is home to one of the longest rooftop gardens in Singapore which also plays a key role in passive energy efficiency.

Despite common disbelief, very significant energy savings can be achieved through good design



SBR Spring Water Swimming Pool

One of the unique features at SBR is the natural spring that lies below our resort. This natural source of water which would otherwise naturally flow out to sea is used for various purposes including gardening and to provide water for our landscape swimming pool.

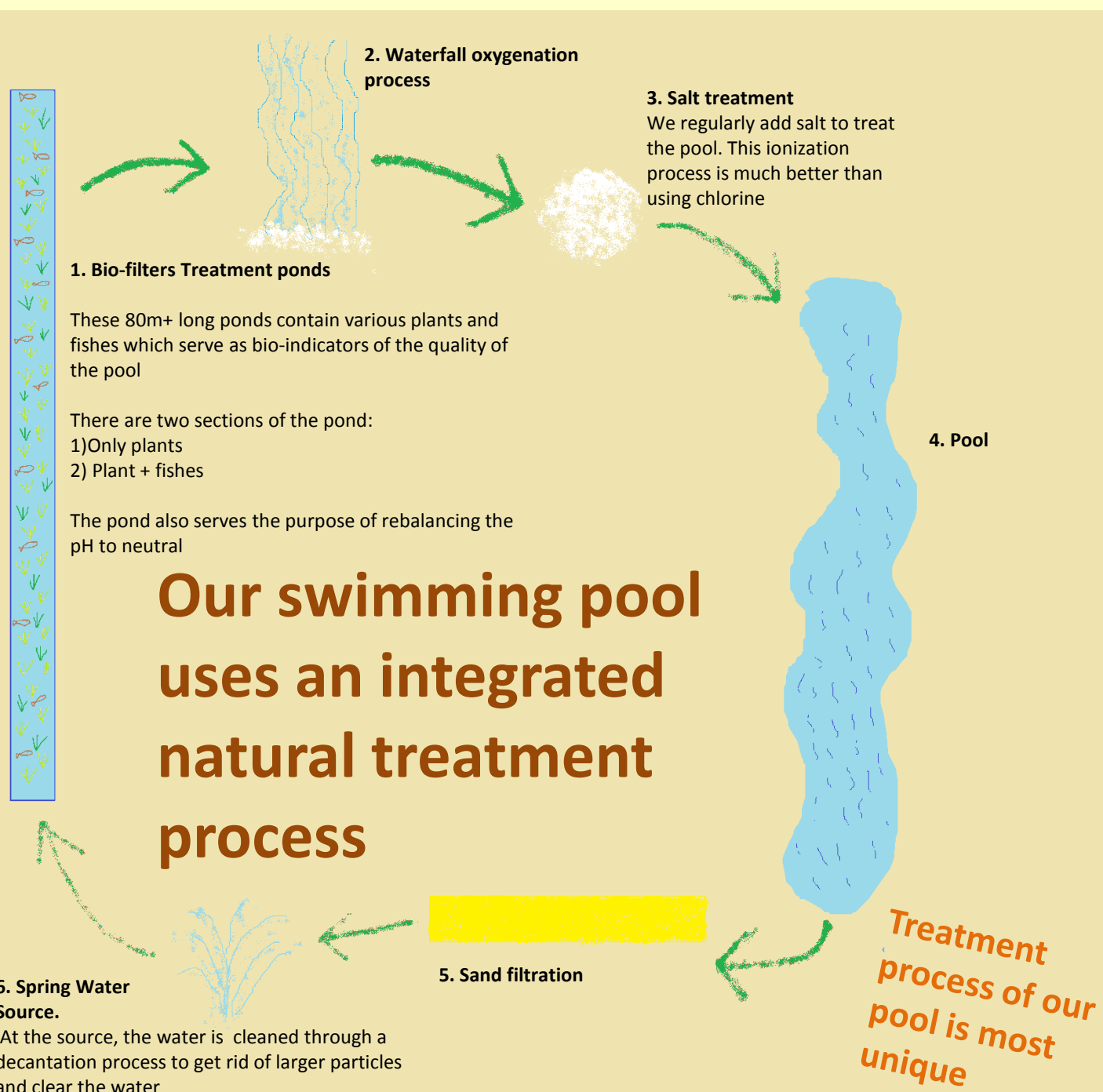
Case study : Our Swimming pool treatment process



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At SBR, our swimming pool is truly unique in many ways. Through the way it was built following the natural terrain, to the way it is treated going away from conventional chemical uses to the source of the water which is from an underground reservoir

The below diagram provides a very schematic overview of the process



•**Roof top gardens:** To date (2012) SBR still has one of the longest self maintained roof top gardens in Singapore. This extensive roof top covers the entire surface area of the main building. In addition to **ecological benefits** it also serves the purpose of **cooling** the building below therefore significantly reducing the energy requirements for cooling the below indoor spaces.

WATER

Water saving initiatives at SBR

•**Spring water usage:** Below SBR lies a **natural spring reservoir**. SBR has made good use of this natural resource in order to minimize water wastage. Spring water is mostly used for the swimming pool as well as for all gardening purposes. Government regulations impose the usage of tap water for other usages such as guests rooms and F&B.

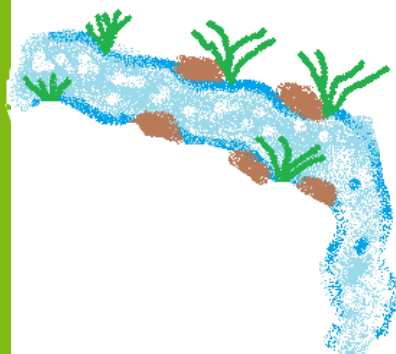
•**Water saving appliances:** SBR has installed water efficient appliances throughout the resort including guests rooms and public areas. These include:

- Water efficient taps (sensors)
- Water control valves
- Water efficient taps and shower heads
- Waterless urinals (in all public toilets)

•**Water saving policies:** SBR has put in place specific guidelines for its staff to minimize water consumption which are part of our environmental management guidelines.

•**Water awareness:** SBR spreads awareness on the need to conserve water resources through numerous educational panels throughout the resort including one of its huts ("the water hut") which is dedicated to water issues. There is also information on this topic within SBR in-house eco TV channels.

•**Water harvesting/roof top garden:** SBR's self sustained rooftop garden allows water to be harvested and naturally purified. Plants on the rooftop do not need extra watering due to the water retention properties of the rooftop garden.



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SBR has strong water management policies and technologies in place



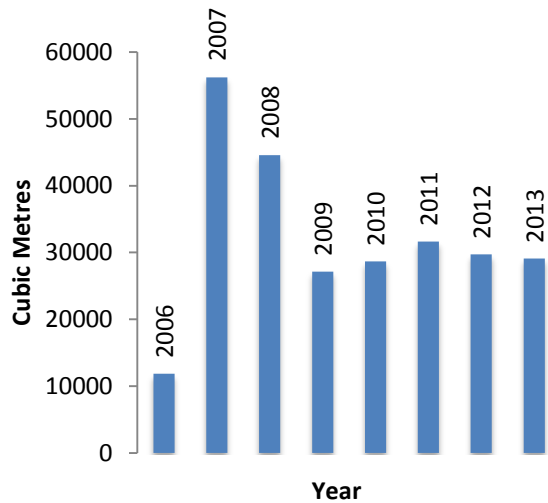
Squirzy: "SBR treats water as a precious resource. Prof monitor always reminds me that the water that so easily comes out from our taps requires a lot of energy to make, and that we should always be mindful of this when using the resource"





EN8 Total water withdrawal by source

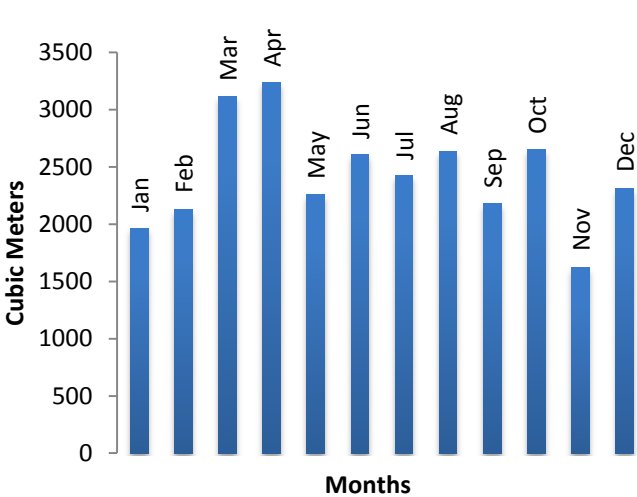
Water Usage from 2006 to 2013



The above graphic represents the water consumption of SBR since august 2006. While water consumption has slightly decreased overtime, **it has remained quite stable.**

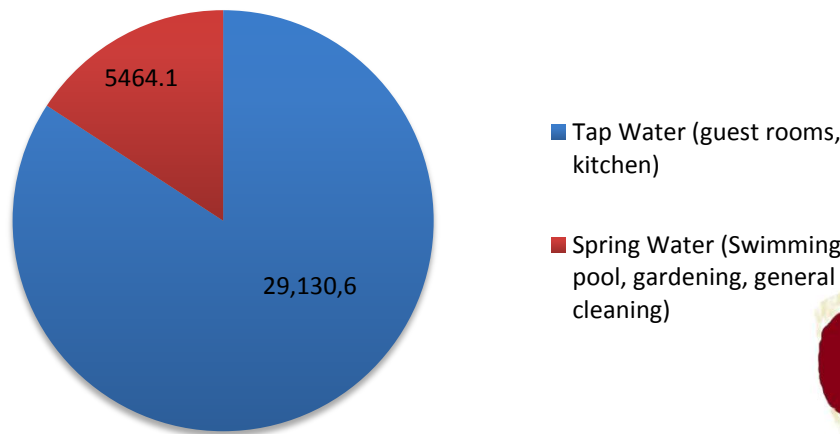
It is important to highlight that SBR has very special conditions when it comes to water usage. Indeed, below SBR lies a nature **spring reservoir** which naturally flows out to sea. During the construction phase, this underground source was discovered and SBR has since made good use of the resource.

Monthly water usage in 2013



Because SBR has a natural supply of fresh water that continuously comes out, **its tap water consumption remains very low.** SBR makes use of **two distinct sources** of fresh water: one comes from the **spring** and the other is **tap water** from the network. Spring water is mostly used for the swimming pool and gardening whereas the tap water is used for guests services in rooms (showering...). SBR has a very significant positive impact by allowing the management of Sentosa island to pump water from its spring which is used **to water the surrounding areas** (for gardening and landscaping purposes).

Water Withdrawal by Source in 2013

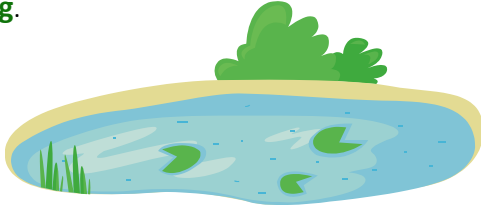


Squirzy: “SBR is really fortunate to have a spring on its site. But it has also made smart choices to make use of this water in the most sustainable way”





Most of SBR water consumption originates from an underground spring water reservoir. The water that is taken from this source is of natural origin and if not taken would otherwise flow out to sea. As such SBR water usage from this source has **no impacts on diminishing water reserves within the spring.**



SBR's has a **very limited consumption of city tap water** (due to its natural spring source and water saving initiatives)

EN9 Water sources significantly affected by withdrawal of water

SBR water sources are:

Tap Water
Spring water
Rain water

None of these sources are significantly affected by the withdrawal of water from SBR as usage is well managed and kept to a minimal. Actually, the spring water is not actively pumped from the ground but **naturally flows out**. As such, if SBR was not making use of it, it would just flow out to sea. Furthermore, the Spring is regularly refilled with rainwater.

No sources of the water used at SBR are from protected areas/areas of biodiversity value or sources of importance to local community.

SBR takes great efforts into managing the source in the **most sustainable way possible.**



EN10 Percentage and total volume of water recycled and reused.

In addition to its very efficient water consumption practices, SBR also has initiatives in place to recycle and reuse the water.

Such initiatives include:

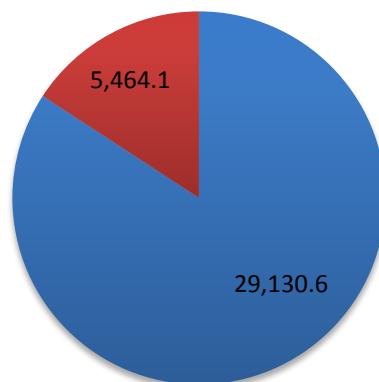
- Roof top garden: allows a significant amount of rainwater to be collected if needed
- Swimming pool closed loop system
- Extensive use of groundwater for gardening
- Excess water from the spring goes to a reservoir which is used by Sentosa management to collect and water the entire island
- Spring water excess:

The below graphic highlights the volumes reused/recycled:

Squirzy: "As you can see, SBR's spring water is very well utilized for a number of applications. Letting all this water flow out to sea would simply be a big wastage!"

When it comes to tap water people might actually say that we are not doing much to find a second use for it. That is what I actually asked Prof Monitor and he replied that in Singapore it is actually not authorized to collect and store grey water without a special permit. On the contrary all used tap water must flow back to the drains where the management is taken care of by the authorities."

Recycled Water for 2013

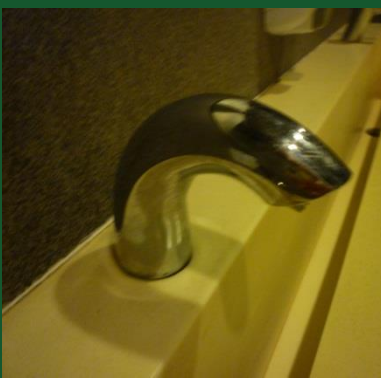


- Discharged Water (Tap Water)
- Recycled Water (Spring Water)

Water management



SBR is involved in a very special and major water initiative. Indeed, it allows Sentosa water contractors to extract water from its pond to water the entire island



Numerous water saving features throughout the resort

And much more...

BIODIVERSITY

At SBR biodiversity has a very special significance. Indeed, because the location of the resort is on pristine forested terrain, biodiversity is relatively high especially when compared to other parts of Singapore.

EN11 Location and size of land owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas.

The location of SBR is on a forested mountain hill. Around and behind the resort lies protected terrains which hold many trees and a relatively rich inhabiting biodiversity.

SBR was constructed with minimal digging, does not own any underground area.

The property of SBR is not listed as protected status nor considered as protected by any organization.

Location:



We can see from the satellite image that SBR is **surrounded by forested terrain**. While large parts of Sentosa island have been allocated for development of the built environment, only a patch of greenery remains in the central part of the island around the resort. SBR is **conscious** of this, and has taken strong measures to ensure the **preservation of wildlife** not only on its site but also insuring that its operations have very limited impacts on the surrounding.

Size of land owned:

15,449.0 m²



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EN12 Description of significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas.

As the site surrounding SBR is a forested terrain, SBR's activities do have certain impacts on biodiversity:

SBR significant impacts on biodiversity

•**Noise:** Despite that noise levels are kept at reasonable levels, some disturbances on biodiversity resources do occur.

•**Built environment:** As building structures have been developed on site, some disturbance on biodiversity have occurred during the **construction phase**. It is however important to highlight that extraordinary measures to preserve the original terrain and minimize the impacts on biodiversity have been taken. Measures taken at SBR to preserve the natural terrain are unique and exemplary.

•**Gardening (e.g. cutting down branches):** Occasional maintenance work in order to insure guests safety are carried regularly. These activities mostly include cutting down tree branches which may cause slight disturbances to wildlife.

•**Mosquito control (spraying of chemicals on plants) :** In order to meet government standards and insure guests comfort and safety (dengue control), mosquito treatment do have to be carried on site. SBR has in the past used the traditional fumigation treatment. However, since the last few years, a new treatment using less impactful chemicals is under trial.

Habitat protected or restored

•**Overall resort environment:** Despite the built environment, a significant portion of the land has been preserved.

•**All trees : All grown trees on site have been preserved.**

•**Ponds:** Many **ponds** around the resort have been preserved in order to maintain their rich inhabiting biodiversity. Furthermore, many other man made ponds have been added throughout the resort.

•**Roof top garden:** SBR's extensive roof top gardens not only has energy efficiency attributes, but they also allow additional greenery coverage including the plantation of various species that attract insects.

At this time SBR is not working with any other organizations to protect or restore habitat, however this may be a consideration for future CSR initiatives. We are actively using the Biodiversity Portal website to promote parties that protect natural habitat.



Biodiversity on site



Numerous squirrels
can be spotted on site

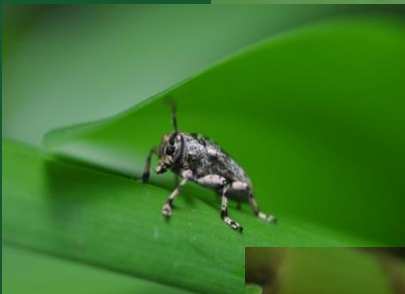


Birds nesting on site

By preserving the trees and areas of forested terrain, SBR has managed to maintain a higher degree of biodiversity on its premises...



8 species of
frogs have been
monitored on
site



Numerous insects and
invertebrates in our
forested areas



Numerous species of
plants on site (mostly
local species)

Alternative Environmentally friendly mosquito control



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Numerous self sustained ponds have been implemented throughout the resort. In addition to providing habitats for a diversity of species, these ponds are also growing grounds for fish that eat mosquito larvae as well as dragonflies which effectively serve as a natural mosquito control agent



In addition SBR is using an alternative mosquito control treatment (instead of traditional fogging) using a bacterial based solution instead of conventional fogging. This treatment allows much less impact to the variety of species on site (insects, reptiles...)



Using a bacterial based solution instead of petroleum derivative chemicals is much better for the surrounding environment

We believe that a combination of natural means and active treatments can effectively control mosquitos



Live trees passing through all our villas



*Our unique concept of **blending the natural surrounding environment with structures:***

Throughout the resort in order to preserve many of the existing trees, we have integrated the trees within the built structure.

As such almost all of our villa rooms as well as many parts of the buildings actually have trees passing through them. Other techniques of preserving the trees are also found throughout the resort.



A few snap shots from the resort of integrations of trees within the structures. There are in fact countless examples of such practices throughout the resort. Indeed, whenever possible, trees have been preserved and integrated into the built design

Trees **VS** structures



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Our concept of allowing trees to pass through the structure is highly present throughout our resort

Dinosaur bones exhibit



Display of real dinosaur bones within our reception area and information on conservation

SBR Real Dinosaur Bones Display



Location: The bones here displayed are REAL Dinosaur bones from a Dinosaur species.

Origin of the bones: Wyoming, USA

Age: These bones are estimated to be 115 million years old.

Size: Dinosaur can reach up to 20 m in length.

Condition: These fossilized bones are considered very well preserved.

Bone Type: vertebrae from the tail part of the animal.

Importance: Display of real Dinosaur bones such as these are very rare worldwide. It is currently the only place in Singapore along with The Natural Museum where these can be seen. Most Dinosaur skeletons displayed in Museums are either reconstructions (fake bones) or only partially complete. The aim of displaying these bones is for people to reflect upon our natural history heritage.

Environmental significance: Dinosaurs became extinct 65 million years ago as a result of a catastrophic event. Humanoid is responsible for so much pressures that we are doing very concerning changes to our environment putting our own species long term survival at risk. Climate change and global biodiversity losses are among the top of the list.

We should learn from the extinction case of the dinosaurs to avoid a similar fate for our own species...

Waste wood workshop

SBR wood workshop. A significant portion of the wood at SBR originates from unwanted wood from construction sites. We then reprocess the wood for maintenance, furniture...



Roof top farming



Roof top garden growing facility. We produce vegetables and spices without any use of chemicals

Case study: Dinosaur

At SBR we have recently become very involved with dinosaurs in the most unusual way.

Siloso Beach Resort is proud to **showcase Real Dinosaur Bones on its premises.**

The display of these bones is a joint venture between Siloso Beach Resort (SBR) and the National University of Singapore (NUS).

Background: So how did SBR get into possession of real dinosaur bones??!

Well it all started with the close collaboration that SBR has with the Raffles Museum of Biodiversity Research <http://rmbr.nus.edu.sg/> (NUS). SBR has been in close contact with this reputable institution since SBR started the development of the Biodiversity.sg (www.biodiversity.sg) which is one of its CSR programs.



At SBR we display real dinosaur bones

In appreciation of our move in initiating this much needed funding exercise, the RMBR has accepted to collaborate with us in mounting this preliminary dinosaur exhibit which intends to inform the guests passing by the hotel and various stakeholders on the importance of dinosaurs, biodiversity preservation and to promote the upcoming National History Museum where the full skeletons will be displayed starting in 2014.

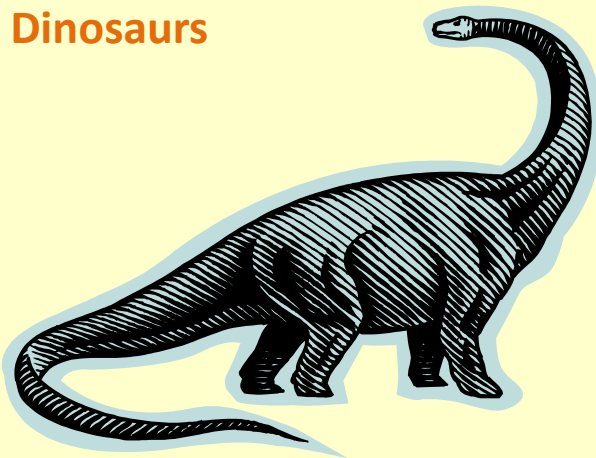
We use our Dinosaur Exhibit to convey strong conservation messages



Siloso Beach Resort

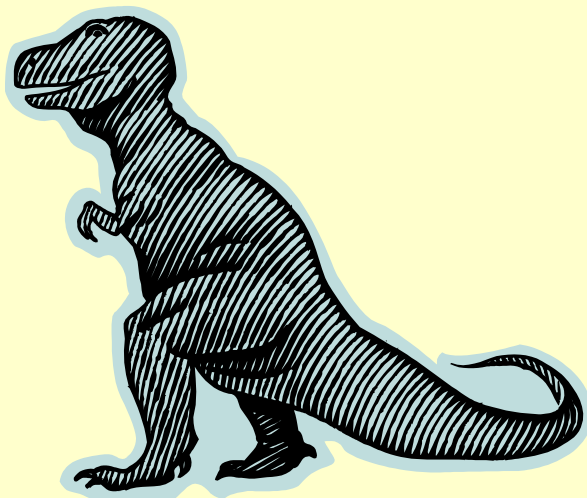
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At SBR we want to share our passion for Dinosaurs



Following this SBR has been actively involved with some of the Museum activities. Recently it came to our attention that the RMBR intended to expend into a new National History Museum for Singapore. One of the main attractions the upcoming Museum was looking forward to was to have a unique display of complete and real dinosaur skeletons.

In order to make this a reality the RMBR embarked on an ambitious fund raising exercise to raise enough money to purchase 3 unique and almost complete dinosaur skeletons (believed to be from the same family), a world first! SBR immediately responded to this by gifting a significant amount of money for this unique and most worthy cause. SBR was the first donor to put money on the table which sparked other donors to come on board as well. Since then, the necessary funds of 12 million have been collected from various donors (including SBR) and the dinosaurs skeletons are now under way to Singapore!



EN14 Strategies, current actions, and future plans for managing impacts on biodiversity.



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SBR is Fully compliant with national regulations and goes above and beyond regulations for preserving trees and biodiversity.

Since its construction stage, **very significant consideration** has been taken to preserve the biodiversity on site. Biodiversity preservation and education remain to date **one of the main guidance of SBR.**

During the initial development stage very special care and measures have been applied to preserve as much as possible the biodiversity on site.

One of the strongest decisions was to **preserve all the trees.** This was a very serious commitment which required a lot of special attention and extra efforts:

SBR conducted an environmental site assessment of the trees affected by construction. **More than 200 fully grown trees have been preserved** on site: In order to achieve this, special construction techniques had to be applied. This included the use of **micro bore pilling** techniques. This pilling technique using lighter equipment bores a hole instead of compacting the earth, which allows to significantly reduce the amount of vibrations near the tree roots and to preserve the trees (the use of conventional pilling techniques would have killed most of the trees).

Training and supervision. Such decision to preserve the trees was very unusual at the time of construction in Singapore and therefore required extra attention during construction. Indeed, constant supervision of the worker's teams was required to make sure that no toxic spills or other common practices were going to affect the trees. Because there were so many trees to preserve, buildings had to be built around these trees. This was a particular challenge and each tree required an average of 10 consultants to make sure that both the trees and the surrounding structures would co-exist well.

Preserving the trees not only requires commitment but also a lot of patience and supervision

Anyone coming to SBR will quickly notice the extent of the efforts which have been made to preserve the trees and incorporate them within the structure.

- *Different innovative construction techniques were applied to incorporate the trees.*
- *In some parts, buildings have been built around trees.*
- *In some parts, trees literally go through the structure.*
- *In other parts, trees are in close proximity of buildings.*

Going beyond just preserving the trees, one other important initial guidance in the development of SBR was to **preserve the terrain.** In order to do this, a minimum of built surface area has been allocated while the vast **majority of the resort remains open terrain**, much of it with its original vegetal coverage.

In order to preserve the terrain, the resort was built making use of original shape of the land. For instance, the swimming pool was just placed where an old dirt road used to be. The same concept was applied in many other locations such as the villa wing where villas emplacements were chosen according to the less impactful locations for the trees and surrounding vegetal coverage.

In a later phase of development of SBR, further targets were developed to enhance biodiversity. In particular, 450 additional trees were planted, and numerous man-made ponds have been placed in various locations of the resort. These self-maintained ecosystems, attract a variety of wildlife including frogs, dragonflies and many others.

Pushing the concept, SBR is trying hard **new solutions of mosquito control** (which is usually done by fumigation) that would be less impactful to biodiversity. A new control mechanisms using BTI technology is currently under trial. These treatments are meant to be more focused on certain species (mosquitoes) and therefore known to have lesser impacts on other species inhabiting the premises.

A future objective would be to better understand and monitor the biodiversity of the area by establishing a photo database to record the various species and sightings.

Having done so many efforts to preserve the biodiversity on site, SBR is very active at promoting not only the preservation of species on site but also **educating on the concept of biodiversity** on a large scale. Indeed, SBR has implemented various educational programs on this topic.

SBR will continue its efforts to develop solutions to make its facilities a biodiversity sanctuary

SBR Biodiversity Outreach Programs

• **Biodiversity Exhibit:** A **permanent picture exhibit on biodiversity** within our café area. The pictures (both medium and large size) on display were all taken within the resort. Our aim is to promote biodiversity and to showcase that our conservation efforts have allowed to preserve a rich variety of species on site.

• **Biodiversity Portal:** **SBR has developed the [Biodiversity.sg](http://www.biodiversity.sg)**

Website which has gained strong support from leading organisations in the field both locally and internationally.

Program supported by: United Nations, Conservation International, World Wide Fund for Nature (WWF), National University of Singapore, Singapore Science Centre, Singapore Institute of Biology, Singapore Environment Council.

Website: (www.biodiversity.sg)

• **Eco tours:** SBR eco tours have a special emphasis on biodiversity preservation on our site. To date, more than 7000 persons have attended the tours from various stakeholders: schools, universities, corporates, guests...

• **TV eco channels:** Two in-house TV channels are dedicated to environmental awareness and both cover elements of biodiversity issues amongst other environmental issues.

Biodiversity is a very important focus point at SBR

www.biodiversity.sg



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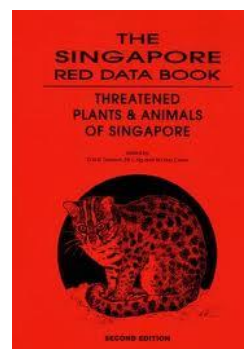
EN15 Number of IUCN Red List species and national conservation list species with habitats in areas affected by operations, by level of extinction risk.

Singapore National Parks board has published a book highlighting endangered species in Singapore.

SBR has a copy of this book for its reference and information can also be obtained from the following website:

Singapore red list

http://www.nparks.gov.sg/cms/index.php?option=com_content&view=article&id=146&Itemid=128



Number of IUCN red list species potentially affected: 2

According to the Singapore Red List, both these species are present on Sentosa and thus could potentially be affected by our operations:

- **Spotted Owl** (*Strix occidentalis*)

Status: Near Threatened

- **Oriental Magpie -Robin** (*Copsychus saularis*)

Status: Least Concern

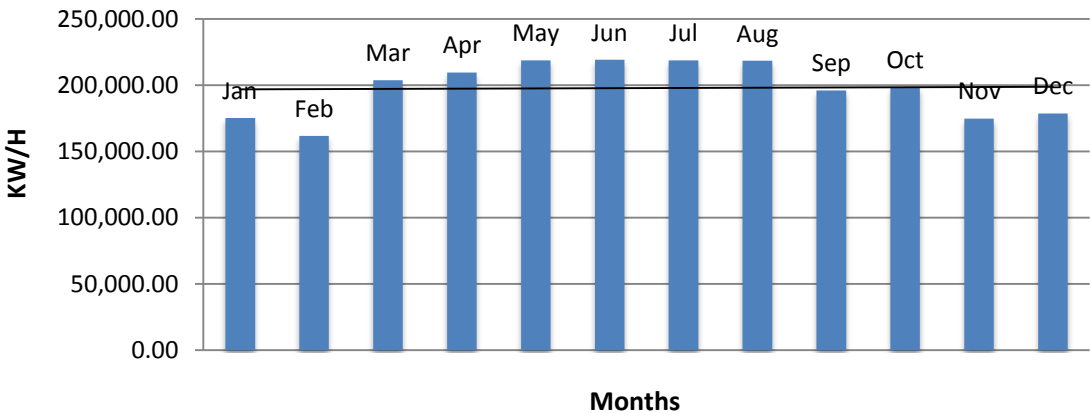
We are also concerned about these issues and we provide a range of information on species including links to endangered species in Singapore from our biodiversity site .

Biodiversity.sg
www.biodiversity.sg





Total Electricity Usage in 2013



SBR takes the consequences faced by global climate change seriously.

Despite that it is aware that its own operations have insignificant impacts on a global scale (and climate change is a global scale issue), it also recognises the fact that any given business including its own has an important role to play in doing the right thing by significantly **reducing its Green House Gas Emissions**. But most importantly to actively promote, share and showcase how it does so in order to inspire many other businesses to do the same, especially in its own line of business: the hospitality and leisure sector which is a global significant contributor.

Numerous efforts have been done at SBR to cut down atmospheric emissions. Some related to **energy management** while others are more towards a **passive approach**.

The below section provides an evaluation of SBR's emissions based on energy use at the resort:

EN16 Total direct and indirect greenhouse gas emissions by weight.

In Singapore 1kwh corresponds to 0.5233 kg of CO₂ (equivalent) (source NEA)

SBR monthly average electricity consumption is 197,812.1 KWh

Therefore SBR monthly carbon emission is $0.5233 \times 197,812.1 = 103,515.07193$ kg CO₂e

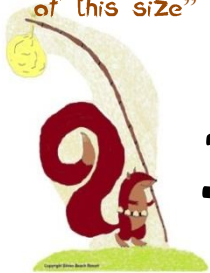
And for one year: $103,515.07193 \times 12 = 1,242,180.8632$ kg CO₂e or 1,242,180 tonne of CO₂e

SBR annual estimated carbon footprint: **1242 tonne of CO₂e**

(This value is only an estimate based on electricity consumption; it does include external operations, supply chains and transport)

Furthermore, the above amount should be **significantly reduced** once taken into account the **trees present on site**.

Squirzy: "First I thought it was huuge but then Prof monitor explained to me that it is actually very reasonable for an hotel of this size"



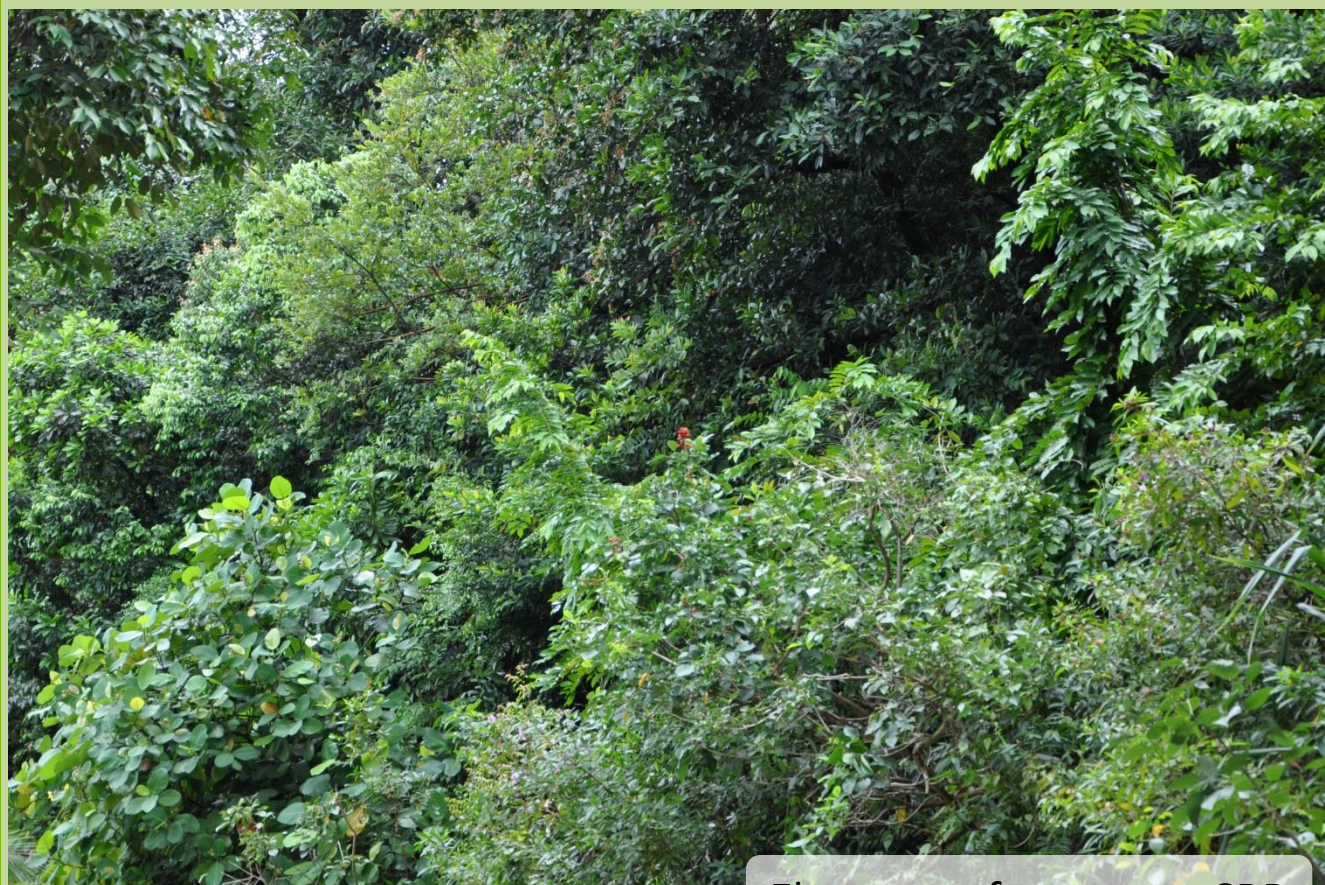
SBR annual carbon footprint:

1242 tonnes of CO₂e

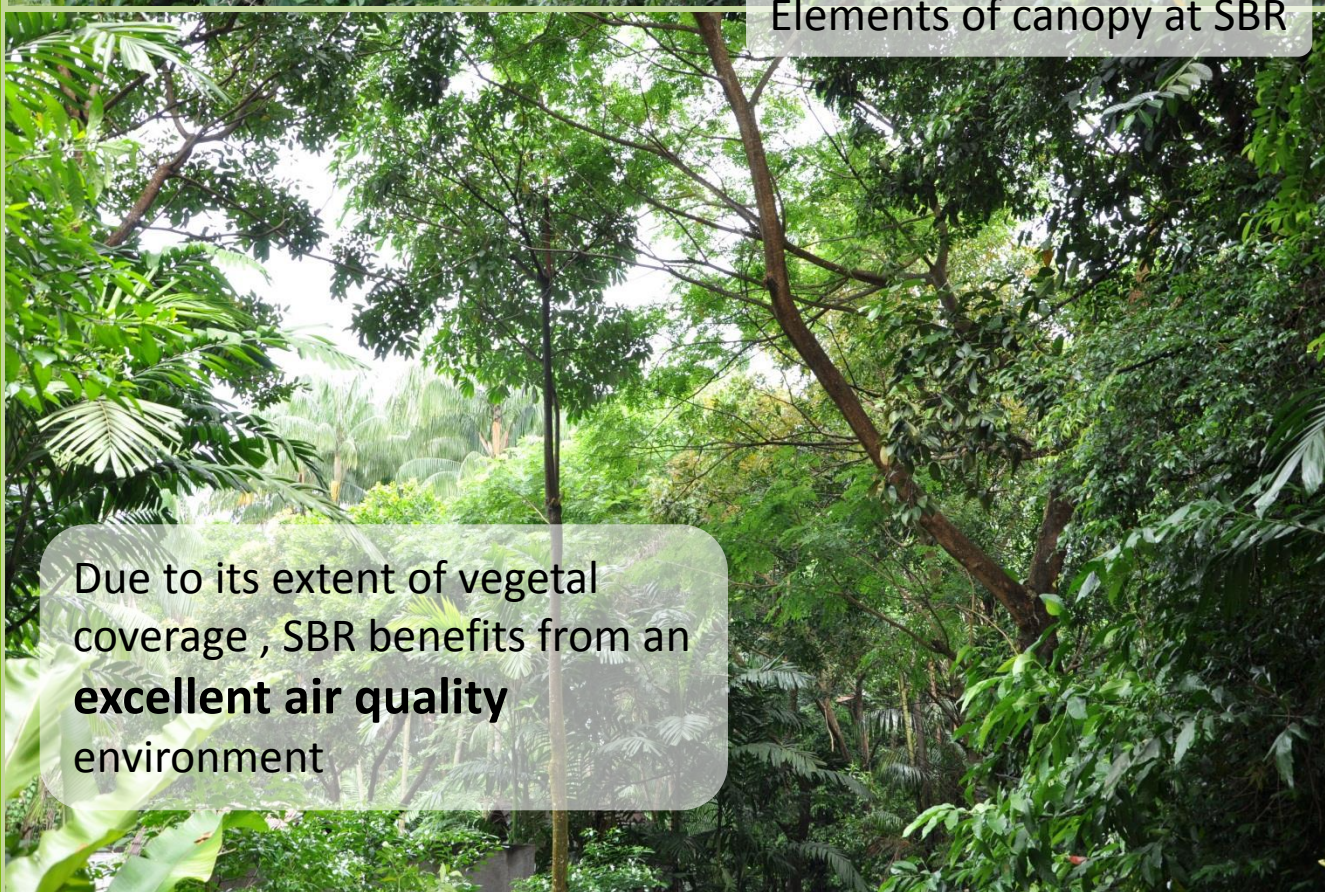
SBR Dense Foliage



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Elements of canopy at SBR



Due to its extent of vegetal coverage , SBR benefits from an **excellent air quality** environment

EN17 Other relevant indirect greenhouse gas emissions by weight

The main source of GHG emissions at SBR is primarily from **electricity consumption** which originated from the **combustion of natural gas**.

In addition to this primary consumption, several smaller and irregular activities are also contributing but to a much smaller extent. While aware of these sources, SBR is still in the process of gaining a more precise understanding of the emissions involved from these sources.

Other indirect GHG sources:

Gardening activities: May involve from time to time the usage of machineries which burn fuel, these include:

- Land-mowers
- Chainsaws
- Various other cutting machines
- Emergency generator

Fumigating (mosquito control)

The chemicals are sprayed through a blowing machine which consumes fuel.

Transports: SBR operates two **small buses** to transport its guests to and from the resort. The trips involved are however short (about 4 km) and therefore the emissions involved through this means is relatively small.

SBR 12 seater van

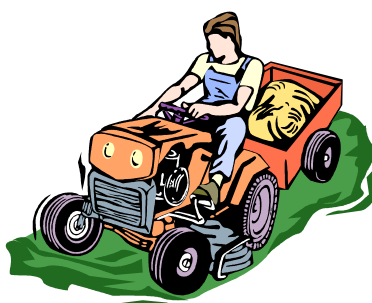


SBR 15 seater van



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Our gardening activities account for a very small amount of emissions

EN18 Initiatives to reduce greenhouse gas emissions and reductions achieved.

•**Tree preservation and planting** (passive approach): preserving trees on site, has also in the process significantly contributed to offset emissions on site. Indeed, preserving the trees also preserves the carbon stored within the trees as well as the carbon dioxide removal potential of these trees. While it is **very difficult to evaluate** how much carbon emissions is saved through this means, **it is significant**. SBR has preserved over 200 trees on its site and additionally planted another 450.

•**Good design** (passive approach): Due to the energy efficient design of the buildings, SBR energy use is significantly reduced which translates to significant reduction in atmospheric emissions.

•**Active approach:** SBR has numerous initiatives to reduce its energy consumption through the use of **new energy efficient technologies**. The reduction in energy usage translates to reduction in atmospheric emissions.

Our newest 15 seats van is much more environmentally friendly than our older 12 seater van

EN19 Emissions of ozone-depleting substances by weight.

SBR has a policy in place to avoid the usage of ozone depleting substances. As such, very few if any are actually used on site. These substances may only be contained in:

- Coolants in fridges
- Sprays of various sorts

SBR is free of any CFC's

HCFC's are present in small amounts and within government regulations.

Emissions by weight: **insignificant**

EN20 NO, SO, and other significant air emissions by type and weight.

The only SBR related activities that involve some of these substances are transportation and gardening.

Values have not been directly measured but are very low considering the amount of transport and gardening requiring machineries involved.

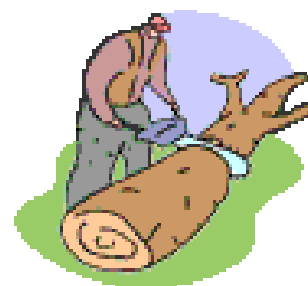
Transport + **Gardening machinery**
SO_x
NO_x



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Small amounts of **HCFC's** are contained in our fridges and cold rooms in refrigerants liquids



Insignificant amounts of **SO_x** and **NO_x** originate from gardening machineries

At SBR atmospheric emissions of either ozone depleting substances or Nitrous or Sulfuric oxides are:

Not significant

Very small amount of **SO_x** and **NO_x** come from our bus exhausts (our bus trips only cover small distances)

EN21 Total water discharge by quality and destination.

Total amount of water discharge for 2013:

28,930 cubic meters (based on estimates from employee and guest water usage).

All of our discharged water comes from the public water supply, and goes back to the public water treatment. Almost all of the water used is discharged through guest activities like showering and flushing of toilets. A very small percentage (less than 1%) of our water withdrawn is consumed as drinking water by our guests or used by our housekeeping staff for general cleaning and evaporates.

Our other sources of water, such as spring water and rain water, are not discharged, but rather the excess is used for gardening purposes by SBR and Sentosa.



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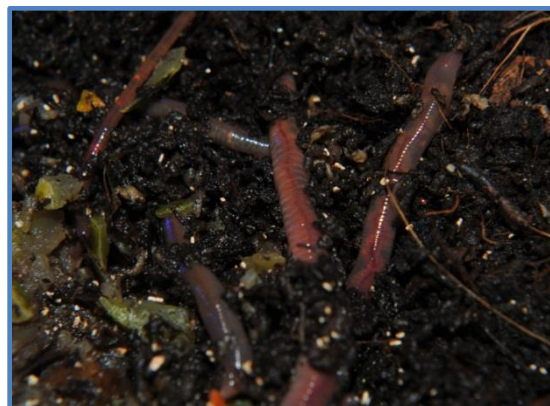
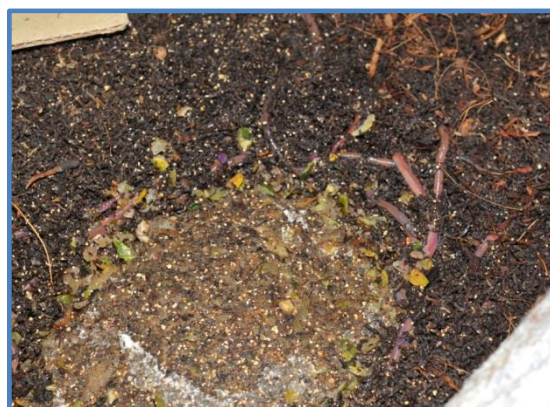
EN22 Total weight of waste by type and disposal method.

A large portion of the waste at SBR is recycled, especially from the housekeeping and food and beverage departments, which recycle many plastic drinking bottles, tin cans, and cardboard containers. As SBR does not produce any hazardous wastes, 100% of the waste that is not reused or recycled is collected and sent for incineration (as Singapore is land-scarce, the default method of disposal is incineration). We are constantly improving our monitoring systems, and plan to provide more information about the amount of total waste produced in subsequent sustainability reports.

Much of the food waste is also recycled using the natural methods of vermicomposting (using earthworms) or aquaculture (tilapia and other fish). We also recycle some of our cardboard through the vermicomposting process.

In total for 2013, the amount of waste recycled through the earthworms : **6.88 tonnes**.

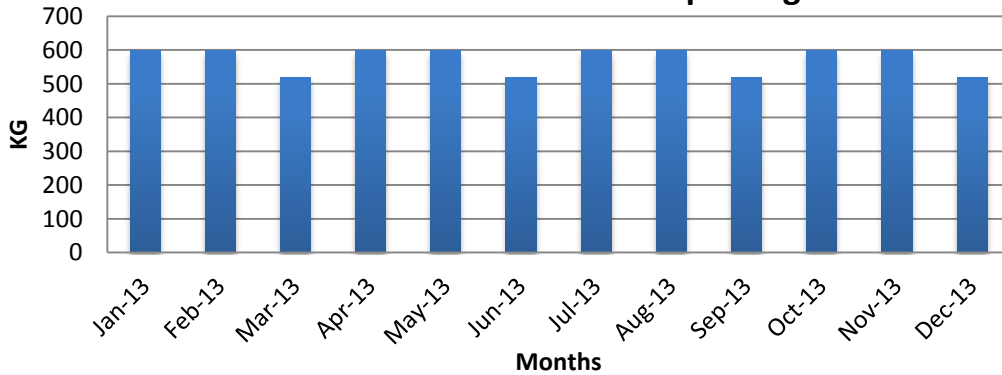
Our earthworms hard at work!



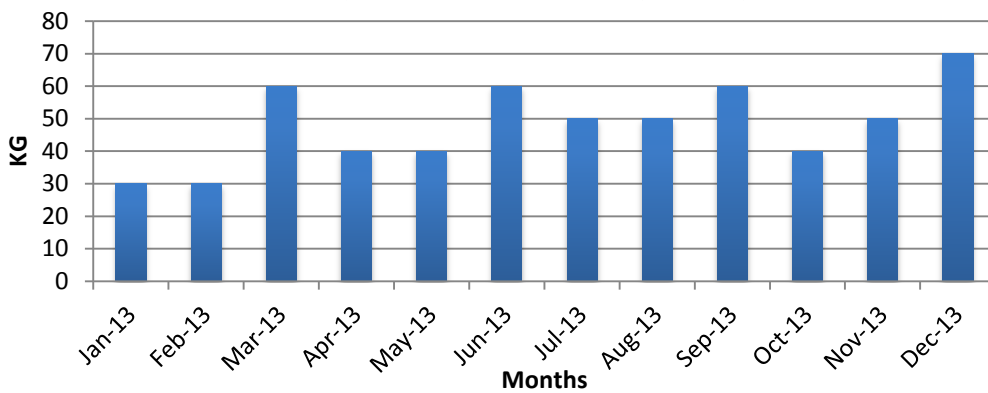
Our earthworms also play a large part in our recycling efforts!



Foodwaste collected for vemicomposting for 2013

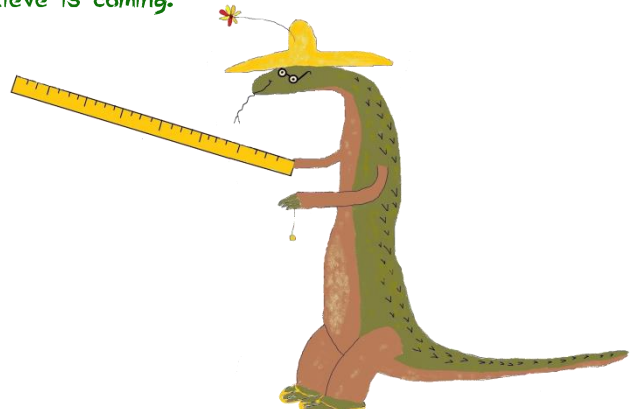


Cardboard recycled via vemicomposting for 2013



Squirzy: "Prof Monitor, SBR takes a lot of efforts to recycle its wastes. Does this really have a positive influence on the world resources?"

Prof Monitor: "Well Squirzy that is a tricky question. To be honest we are conscious that our efforts to recycle all our waste that can be recycled only have insignificant implications on a national or global scale. But we also believe in setting the example for ourselves and others. If we are the only ones to do this of course there are no significant impacts but if we can do it properly and influence a few others to do the same then impacts will start to become significant. By doing this we are also creating a company culture of practicing the 3R's and getting ourselves ready for future more stringent regulations on recycling in Singapore which we believe is coming."



At SBR we have a unique approach to promote recycling by **linking the end product to the source**. Below are some of the panels that we developed and display



Cans



Recycle Cans = Less Mining

General Waste



General Waste = Not Recycled

Plastic



Recycle Plastic = Less Oil

Paper



Recycle Paper = Save Forests

EN23 Total number and volume of significant spills.

To date, SBR did not have any instances of spills whatsoever.

No Spills to date and SBR intends to keep it this way

EN24 Weight of transported, imported, exported, or treated waste deemed hazardous under the terms of the Basel Convention Annex I, II, III, and VIII, and percentage of transported waste shipped internationally.

SBR does not have, produce or use any waste that is considered hazardous under the Basel convention.

As a hotel environment, hazardous waste are very limited.

Cleaning products used are selected to be environmentally friendly.

No hazardous wastes at SBR



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EN25 Identity, size, protected status, and biodiversity value of water bodies and related habitats significantly affected by the reporting organization's discharges of water and runoff.

No water body is directly affected by SBR's water runoff.

Water runoff goes to the Sentosa drain which then flows to treatment facilities.

SBR actually has a positive impact in water conservation through two activities.

- SBR has constructed numerous ponds throughout the resort which bring biodiversity back to these areas.

- SBR has set up a main pond nearby its resort where the overflow of the spring goes. This pond has created a natural habitat for various species of insects fish and frogs.

Prof Monitor: "SBR is very conscious that its rejects of various forms should it be liquid waste or solid waste can have adverse effects on the surrounding environment if not managed properly. For this reason extra care has always been a priority and as explained earlier, the precautionary principle is very present especially in waste management. Not only SBR does not reject very significant amounts of waste but the waste that is discharged is very controlled"

SBR's Philosophy:
Our waste is
our responsibility
too





Metals recycling



Stone table



Recycling bins for the guests

At SBR we
make use
of waste in
any way
we can



Cartons recycling



All guest rooms equipped
with soap and shampoo
dispensers



In-room messages

And much more...

Waste management



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Making use of recycled materials

At SBR many of the items are actually from 100% recycled origin or simply from unwanted sources. A few of these items include:

A large portion of the outdoor steps are from reused timbers from a railway trail in Australia

All the corridors and a large portion of walkways are layered with rubber mats which are 100% recycled

The children playground comprises items which are have been reused from an unwanted source

And much more...

...



Outdoor stairs from railways wood



If we could we would do more...
However there are limitations to the amount of recycled items that can be used in core construction under current Singapore law





Closed-Loop Cycles for Food Waste

At SBR there are two **closed loop cycles** which are used to naturally deal with much of the food waste:

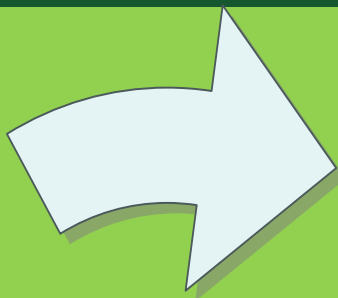
1. Aquaculture:

Tilapia and other fish in our pond eat a wide variety of food items such as bread, vegetables, and meat (as long as no oil). The tilapia also produces nutrient-rich water which is then used for watering the plants.



Food Waste

About **25KG** of **vegetable and fruit waste** is collected daily for vermicomposting



Earthworms

Food waste gets eaten by our **about 1 million earthworms**, and turned into castings



2. Worm-Composting closed loop:

No Wastage
0%



Restaurant

Vegetables from farm **supply about 20%** of event needs



Vegetables

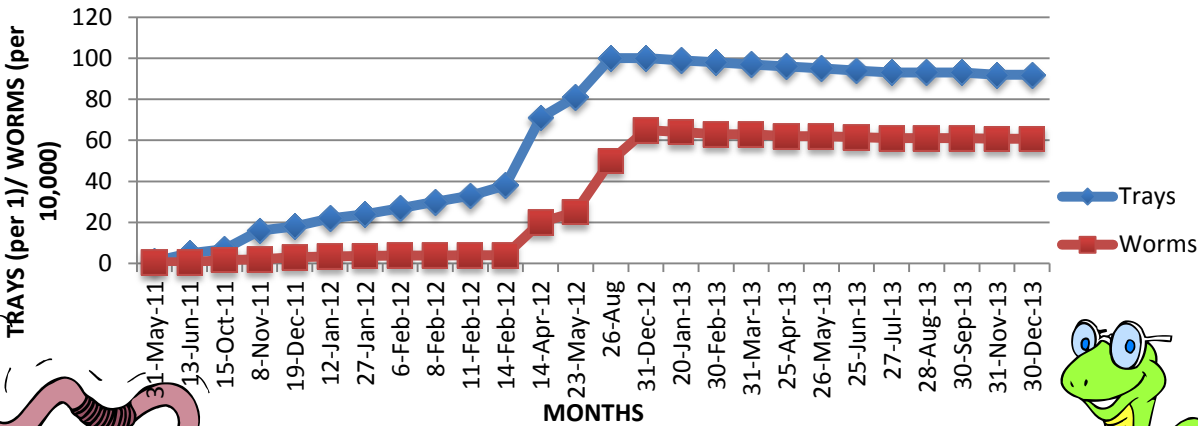
Castings are fertilizer for vegetables **free of pesticides and chemical fertilizers**



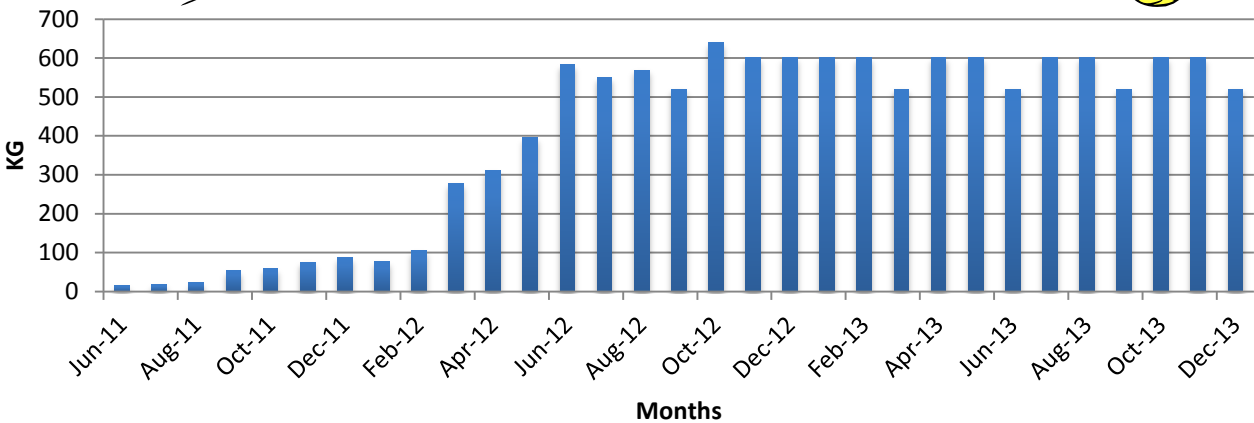
SBR Worm Composting Data & Progress Indicators



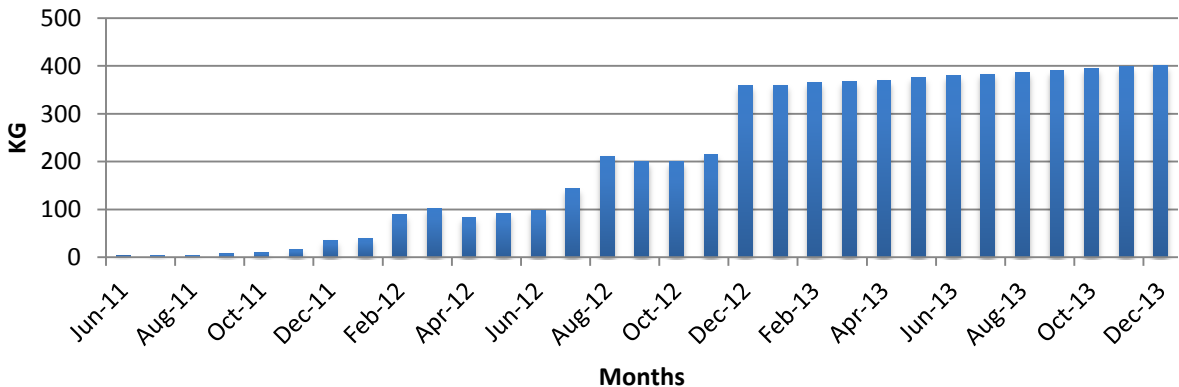
NUMBER OF WORMS AND TRAYS



Foodwaste collected for vermicomposting for 2011 to 2013



Worm castings (Organic Fertilizer) Monthly



Community and educational impact: SBR has donated worm castings to more than 30 schools and community gardens, and conducted training on vermicomposting for more than 10 schools!



PRODUCTS AND SERVICES

EN26 Initiatives to mitigate environmental impacts of products and services, and extent of impact mitigation.

Such initiatives are highlighted throughout the report. The table below tentatively summaries the **main initiatives** :

Impacts	Initiatives to reduce impact
Materials Use	<ul style="list-style-type: none">Minimize Amenities, such as only providing toothbrush and toothpaste upon requestExtensive use of recycled wood for poolside furniture and various other areas.
Water Use	<ul style="list-style-type: none">Extensive use of spring and rain water.Water saving taps and showerheads in rooms, and encouraging guests to change towels/linens alternate day.Use of Waterless urinals
Emissions	<ul style="list-style-type: none">Controlled shuttle bus timings to reduce vehicle emissions.
Effluents	<ul style="list-style-type: none">Not a significant impact.
Noise	<ul style="list-style-type: none">Not a significant impact.
Waste	<ul style="list-style-type: none">Recycling of food waste through worm composting and food waste decomposer machine.Extensive waste recycling program.

As a combined effect of all our initiatives we have managed to reduce and mitigate **very significantly** environmental impacts of our products & services



EN27 Percentage of products sold and their packaging materials that are reclaimed by category.

SBR Eco Shop?

To date SBR does not really sell products. It has plans to open a shop on its premises in the near future. This shop would focus on selling ecological products of various sorts.

Currently the only products sold that involve packaging are F&B items such as cans of soft drinks.

100% of the packages (empty cans) or other packets are sent for recycling.

In room products (shampoos, soap...) are only provided if requested by the guests. By doing so, wastage of packaging and products is significantly reduced.

As a general rule we **minimize packaging** and reuse or recycle them wherever we can

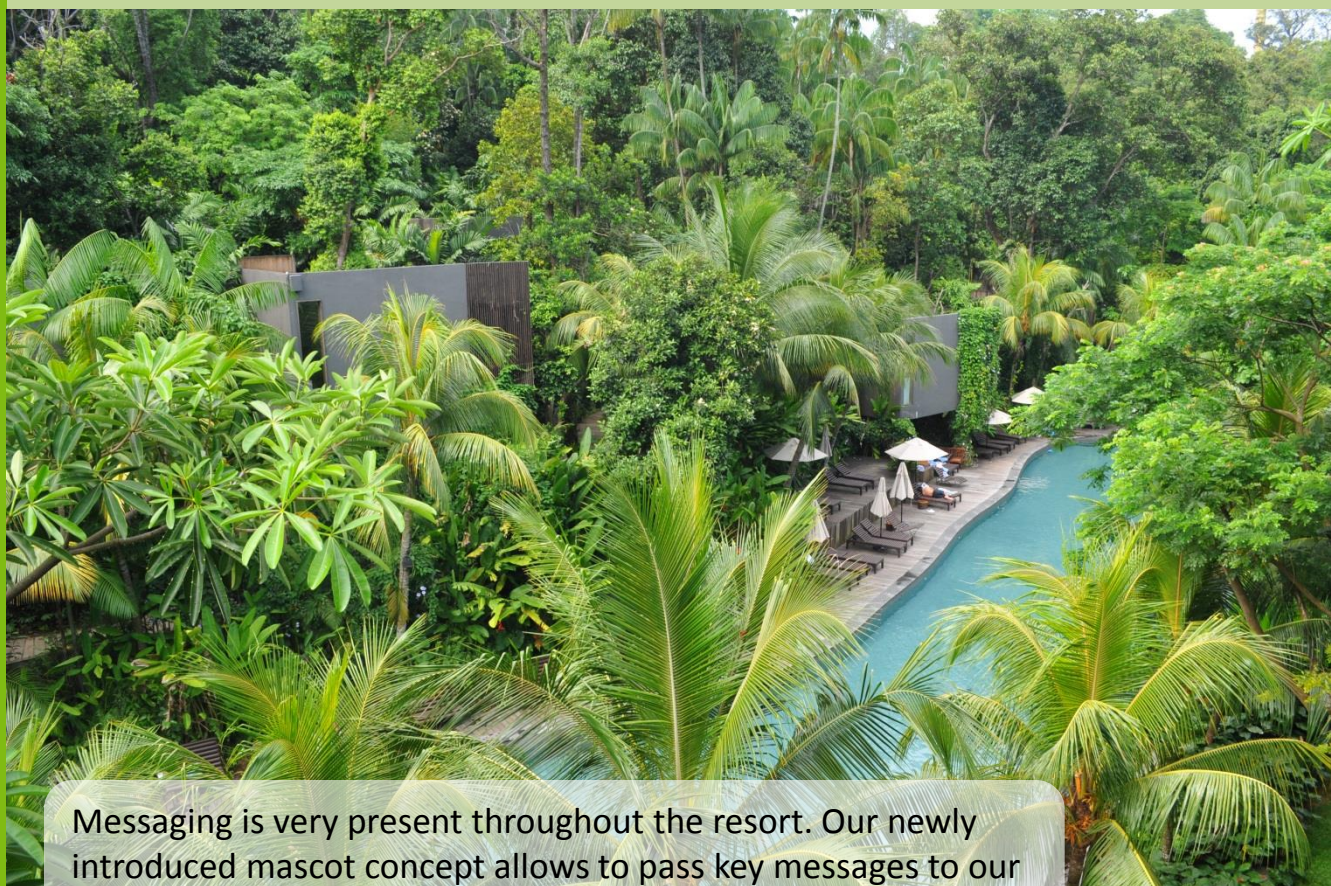


Combining a sustainably designed and maintained environment with messages is our key formula

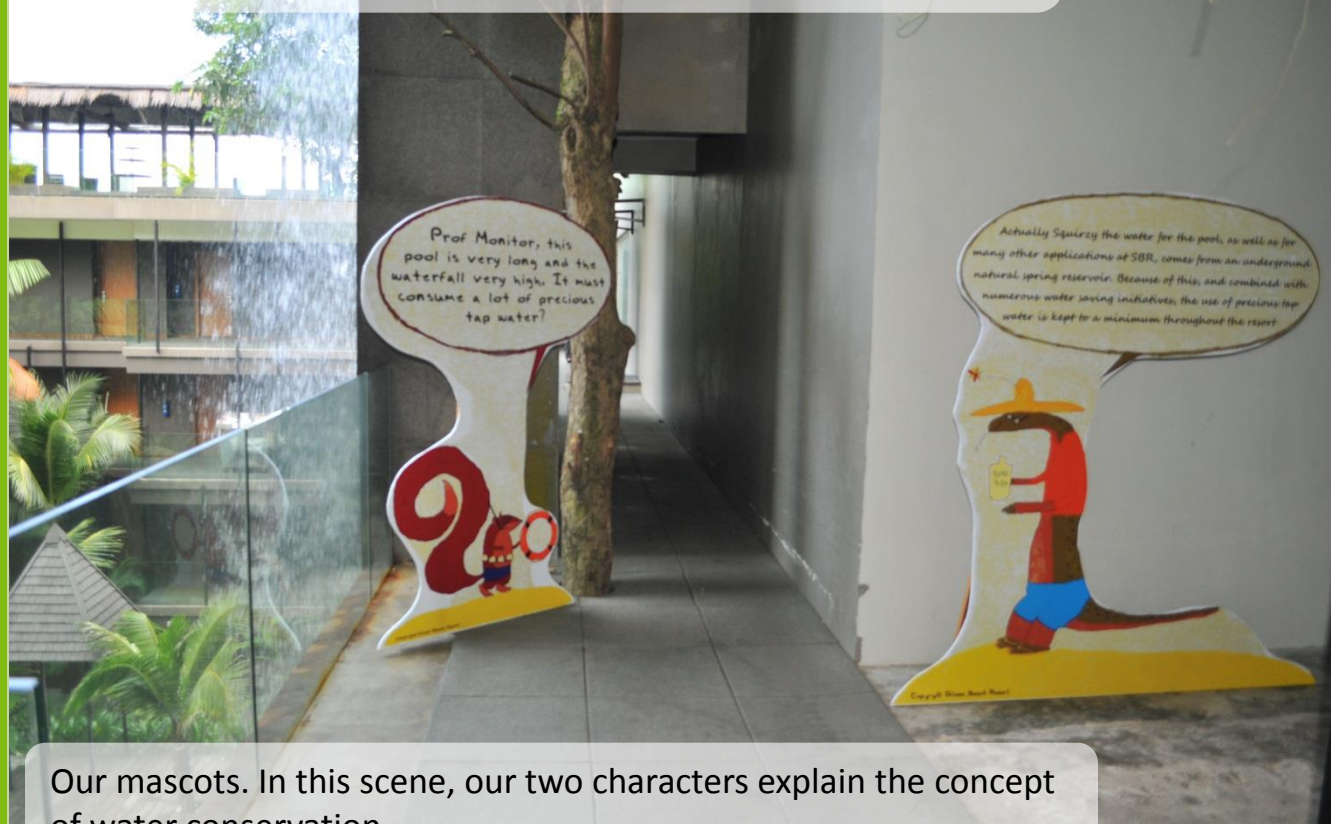


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Messaging is very present throughout the resort. Our newly introduced mascot concept allows to pass key messages to our guests including on aspects of recycling



Our mascots. In this scene, our two characters explain the concept of water conservation

COMPLIANCE

SBR has **always been compliant** with national regulations and has not received any fines for misconduct.

SBR will continue to apply most stringent practices when it comes to meeting regulatory requirements.

In fact **many of the initiatives carried at SBR go far beyond the legal requirements**. This includes aspects such as energy efficient design, water management, energy management, waste management and more.

SBR has an holistic approach to sustainable management and believes in test-bedding new practices and technologies in order to continuously improve. Having done this for many years now, it has also put SBR a significant step ahead of government regulations.

EN28 Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with environmental laws and regulations.

To date, SBR has **never endured any fines** or non-monetary sanctions of any kind for noncompliance with environmental laws and regulations. **Monetary value is 0**

SBR is a very responsible business and takes great care in **applying the precautionary principle**.

SBR is fully compliant with rules & regulations



TRANSPORT

EN29 Significant environmental impacts of transporting products and other goods and materials used for the organization's operations, and transporting members of the workforce.

•Environmental impacts of transporting the workforce:

SBR has **2 small buses** in operation to transport both the hotel guests and the workforce. As the buses are only used over short distances (in and out of Sentosa island). Overall the environmental impacts of transporting the workforce are **very minimal** if not insignificant.

Impact	Description
Atmospheric emissions	Emissions of carbon dioxide, Nox, and Sox from the combustion of fossil fuels
Oil leaks from engine into the environment	Very minimal. The buses are new and well maintained

•Environmental impacts of transporting products and other goods and materials used for the organization's operations

SBR outsources the transport of goods to and from the resort. It is therefore out of its influence. However, SBR has policies in place for the selection of responsible transporters that are fully compliant with transport safety rules and regulations.

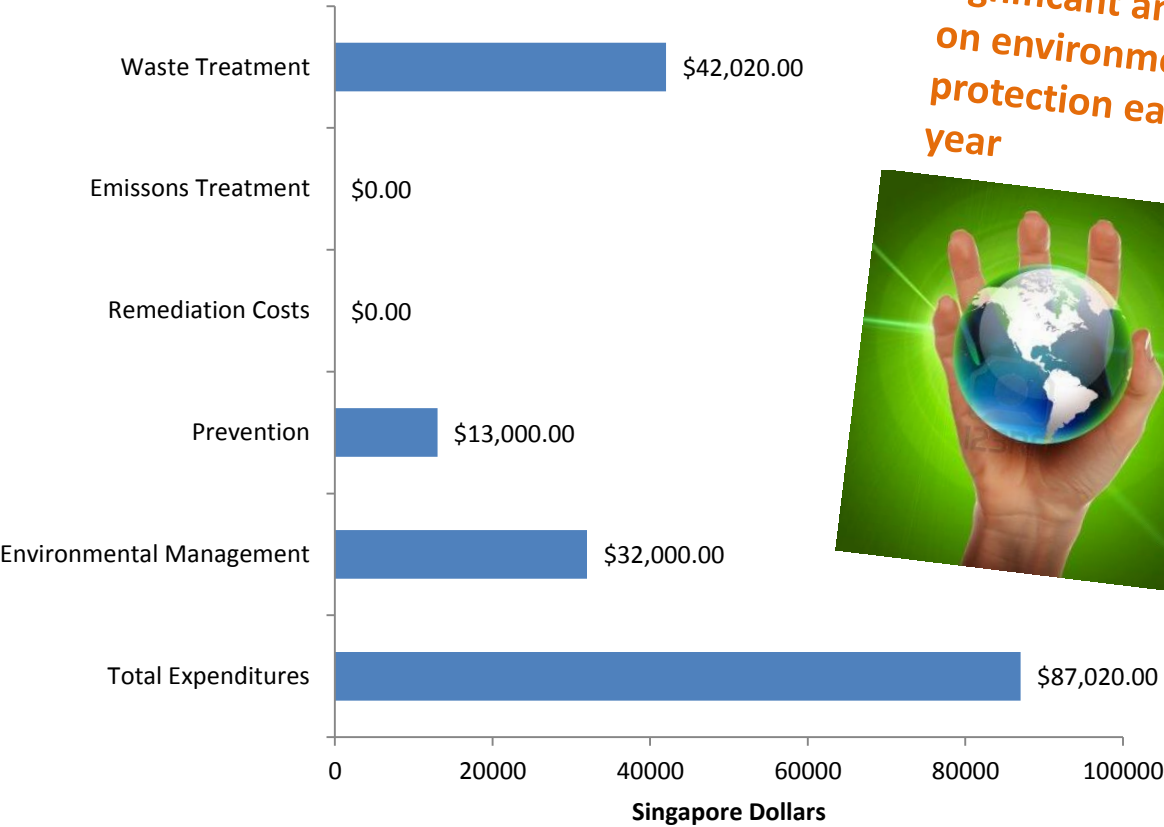
Impact	Description
Potential (This has to date never occurred) spills of chemicals on the way to and from the hotel	<ul style="list-style-type: none"> • Potential contamination of soil and water ways • Potential impact on wildlife
Noise pollution from engines	Very minimal
Oil leak from engine to the environment	Remains very minimal

As a hotel environment, SBR is not involved in the transport of hazardous materials that can be of great risk to the environment. **Overall transportation potential impacts are very minimal.**

OVERALL

EN30 Total environmental protection expenditures and investments by type.

Total Environmental Protection Expenditures in 2013



SBR spends a significant amount on environmental protection each year



Program	Cost	Type
Normal Waste Disposal	S\$ 16,560	Waste Disposal
Vermicomposting System to deal with food waste	S\$ 25,460	Waste Disposal
Guest Environmental Educational Program	S\$ 13,000	Prevention
Extra working activities dedicated to training and environmental management	S\$ 32,000	Environmental Management



INVESTMENT AND PROCUREMENT PRACTICES

HR1 Percentage and total number of significant investment agreements and contracts that include clauses incorporating human rights concerns, or that have undergone human rights screening.

As a small hotel business, SBR is not involved in investment agreements.

To date no business agreement has been signed or undertaken with organizations which have had human right issues. As SBR operates in Singapore, activities in the hospitality business are already very controlled by the government.

Total number of agreements: 0

Percentage: 0%



We only do business with responsible employers!

HR2 Percentage of significant suppliers, contractors and other business partners that have undergone human rights screening, and actions taken.

SBR has policies in place to make basic background checks on the ethical practices of its suppliers and contractors.

SBR only does business with like minded individuals and companies which share its principles with regards to sustainability including human rights.

To the best of our knowledge we never have or had any reports of our business partners which have been involved with human right screening and/or sanctions.

Percentage: 0%

HR3 Total hours of employee training on policies and procedures concerning aspects of human rights that are relevant to operations, including the percentage of employees trained.

Total hours of employee training on policies and procedures concerning aspects of human rights that are relevant to operations: **48 hours per year**

Proportion of employees trained: 94%. All new hires are required to undertake a compulsory training which includes aspects related to human rights throughout.



Training is an integral part of our new employees integration process

NON-DISCRIMINATION

HR4 Total number of incidents of discrimination and corrective actions taken.

Total number of incidents of discrimination: 0

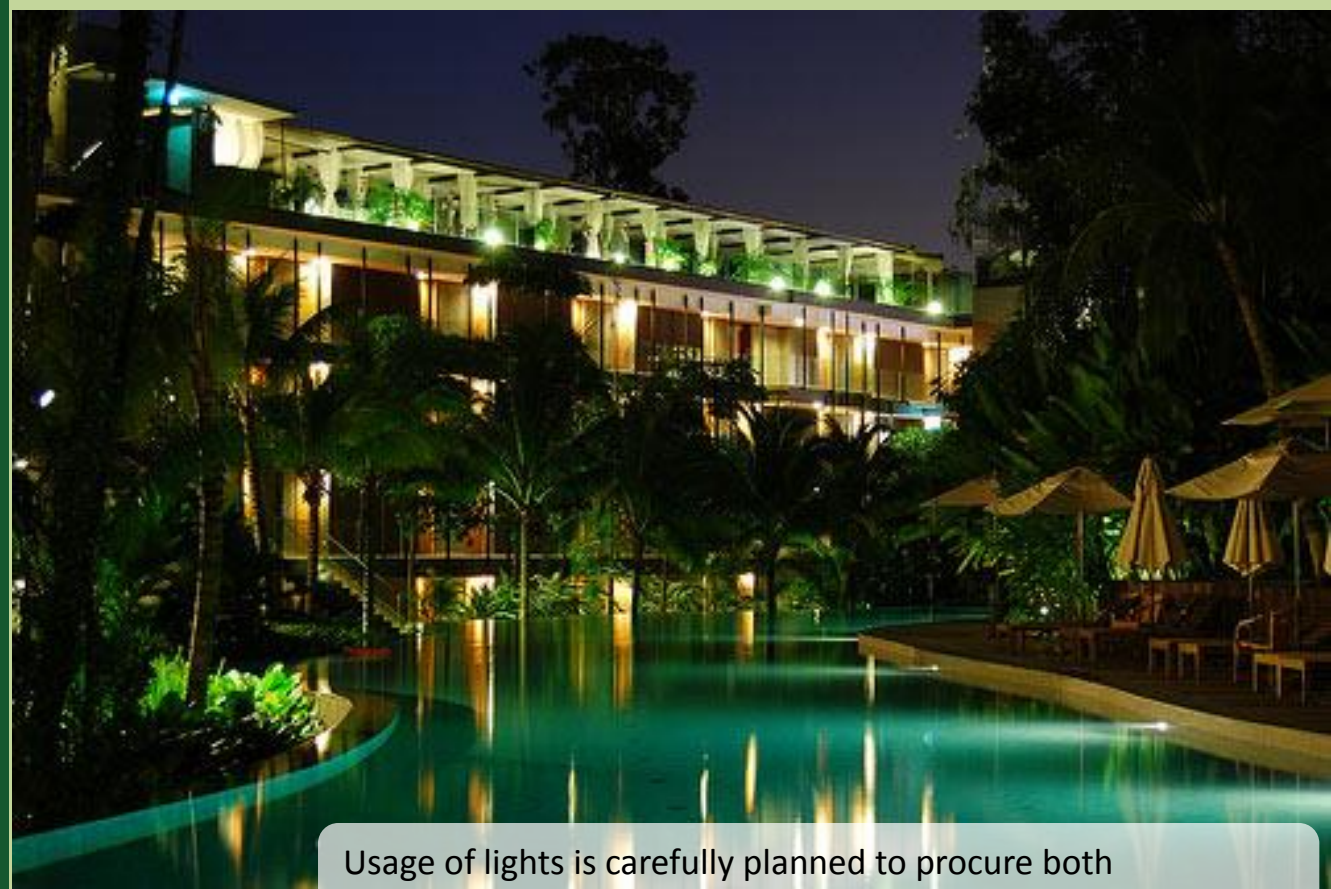
So far SBR did not have any incidents of discrimination and we intend to keep it this way

At night our resort offers a unique atmosphere



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Usage of lights is carefully planned to procure both a comfortable resort feel and also to limit the usage of energy



FREEDOM OF ASSOCIATION AND COLLECTIVE BARGAINING

HR5 Operations and significant suppliers identified in which the right to exercise freedom of association and collective bargaining may be violated or at significant risk, and actions taken to support these rights.

Operations: At SBR, employees have a total right to exercise freedom of association and collective bargaining through joining relevant trade unions or associations. **The management always takes great attention to what its employees have to say** and take feedbacks into consideration which in many instances has influenced the decision making process.

Suppliers: SBR has not identified any suppliers which would not meet the above. SBR is always mindful to select suppliers which share its ethical and sustainability principles.



At SBR employees have a voice and the right to express their thoughts

CHILD LABOR

HR6 Operations and suppliers identified the significant risk for incidents of child labor, and measures taken to contribute to the effective abolition of child labor.

SBR does not practice child labor!

So far, SBR has not identified any supplier having potential risk for incidents of child labor.



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SBR has strict policies on the selection of suppliers which systematically include a basic background check including child labor risks. This screening is done for suppliers, especially for countries that are involved in child labor.

Measures taken to contribute to the effective abolition of child labor:

SBR is not particularly involved in movements that promote the abolition of child labor at this point in time. However, it supports the cause of the abolition of child labor.

SBR is a **member of the UN Global Compact** and has pledged publicly not to practice or involve with companies which are known to practice child labor.

FORCED AND COMPULSORY LABOR

HR7 Operations and suppliers identified the significant risk for incidents of forced or compulsory labor, and measures taken to contribute to the elimination of all forms of forced or compulsory labor.

SBR does not practice child labor nor does it practice forced labor and does not do business with companies which have such practices



We actively showcase **a children friendly hotel Environment** to send the message that child has the rights of childhood and **should not be working.**

Our hotel provides Various children Friendly facilities



SECURITY PRACTICES

HR8 Percentage of security personnel trained in the organization's policies or procedures concerning aspects of human rights that are relevant to operations.

Proportion of security personnel trained: **100 %**. All new security personnel including 3rd party security personnel hired are required to undertake a compulsory training which includes aspects related to human rights throughout.

INDIGENOUS RIGHTS

HR9 Total number of incidents of violations involving rights of indigenous people and actions taken.

Total number of incidents of violation: 0

Singapore, as a relatively new country and multicultural society does not have a clear definition of "indigenous people". However, SBR has strict human rights policies which **respects all ethnical backgrounds and cultures.**

ASSESSMENT

HR10 Percentage and total number of operations that have been subject to human rights reviews and/or impact assessments.

All of our departments have been subject to human rights reviews and impact assessment. **100%**

Specific management guidelines cover aspects of human resource and ethical behavior at work. These guidelines are followed by all departments and are an integral part of our management and new hires training process.

Feedbacks are regularly collected from employees to assess satisfaction and human rights.

Recently we have stepped up our efforts by conducting an overall **risk assessment** of our resort including operations and departments. This assessment has identified various areas that we need to improve.

We are also in the process of implementing guidelines which will improve our management with respects to human rights. Some of the latest implemented measures include:

- Raise of employees' salaries
- Implementation of various employee benefits which include dental care, health care, physical & sport activities
- Employee development training
- Attending seminars



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Our security personnel are well trained in human rights issues and are requested to look out for any infringements and report such incident to the management

REMEDATION

HR11 Number of grievances related to human rights filed, addressed and resolved through formal grievance mechanisms. Labor Practices and Decent Work.

SBR has taken various actions against the employees to fix issues related to misconduct, unprofessionalism and other internal matters over the years. However, **none of these were related to human rights.**

Our employees have always been treated with respect and we did not have issues related to human rights.

Number of grievances related to human rights: 0



EMPLOYMENT

LA1 Total workforce by employment type, employment contract, and region, broken down by gender

Total workforce: 73 employees
(as of September 2014)

Female : 35 employees

Male : 38 employees

Employment type:

Full time employee: 69 (95%)
(34 female / 35 male)

Part time employee: 4 (5%)
(1 female/ 3 male)

Region: All our workforce is **on a single site** which is the island of Sentosa

Our workforce can be described as:

Qualified
Friendly
Versatile
Hard working
Eco conscious
Dedicated
Diverse
Attentive



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SBR is a single site operated business. All of our workforce is actually at our hotel.

We have a relatively well sized workforce in the range of 60-100 employees which varies from time to time.

The **balance between men and women is well distributed**, and the numbers tend to change slightly with part timers intakes.

We are also constantly having long term **Interns**. They are part of our workforce during the attachment.

SBR is an equal opportunity employer

We support:

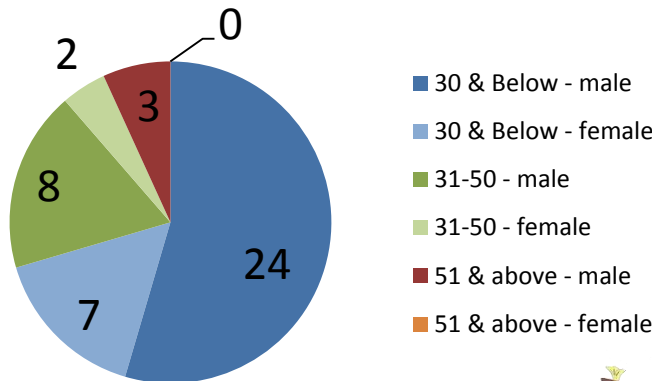
- Diversity
- People in need
- Fairness
- Honesty
- Responsibility

**We support
The UN Global
Compact
10 Principles**



LA2 Rate of new employee hired and employee turnover by age group, gender, and region.

Breakdown of New Employees Hired 2013



Squirzy: "SBR has a good balance of males/females hired with currently more males than females."

The trend was reversed in the past with more females than males but tends to turn around an equilibrium of both genders.

The other thing is that SBR has a young and energetic work force, just like me!"



New Employees Hired 2013		
Group	Persons	Rate
Male	35	0.48
Female	9	0.12
Below 30	31	0.42
31-50	10	0.14
Above 51	3	0.04

LA3 Benefits provided for full-time employees by significant locations of operation.

Employee Turnover 2013		
Group	Persons	Rate
Male	41	0.56
Female	17	0.23
Below 30	39	0.53
31-50	16	0.22
Above 51	3	0.06

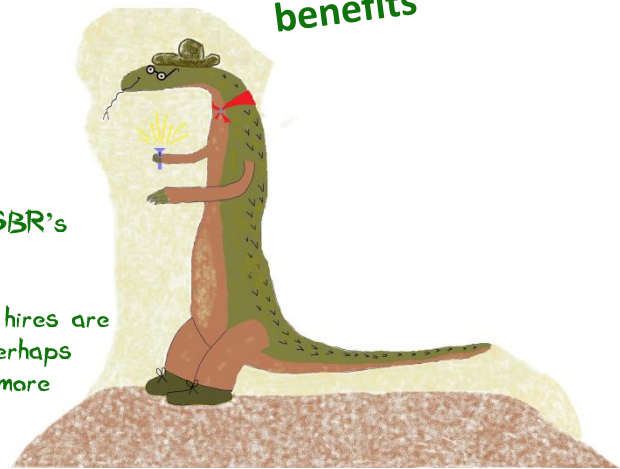
- Leave entitlement
- Medical
- Dental Benefit
- Public holidays
- Island partner card
- Bonuses
- *Special allowances

Full time employees contribute more to our organization as such they are entitled to the benefits

*All employees are in the same region/operation at Siloso Beach Resort

Prof Monitor "It seems that most turnover occur in SBR's middle aged group and more males than females."

This is actually a healthy sign that most of our new hires are young and stay in the company for longer period. Perhaps Squirzy would have a nonsense explanation on why more males leave than females?"



LABOR/MANAGEMENT RELATIONS

LA4 Percentage of employees covered by collective bargaining agreements.

SBR has created various employee committees which aim to engage discussions with the management and to advise.

Such committees include:

- The Sustainability Committee
- The Health and Safety Committee
- The Human Resource Committee
- The Annual Review Committee

These committees are composed of department managers and cover about **20%** of the workforce

LA5 Minimum notice period(s) on operational changes, including whether it is specified in collective agreements.

While some decisions are made by the management, a significant portion of all decisions made for SBR will involve employee consultation committees and a feedback collection.

This process of engaging employees collective bargaining usually **takes 2 weeks to 2 months**.

OCCUPATIONAL HEALTH AND SAFETY

LA7 Rates of injury, occupational diseases, lost days, absenteeism, and number of work related fatalities by region and gender.

We abide by the Singapore national laws in recording and reporting accident statistics, which follow the recommendations of the International Labor Organization.

Year	Number of Staff*	Gender	Lost Days** on Medical/Hospitalization Leave	Injury Rate	Occupational Disease Rate	Lost Day Rate
2010	3 (no fatalities)	Male	54	5.6	0	100
2011	1 (no fatalities)	Male	10	1.9	0	18.5
2012	0	-	-	-	-	-
2013	1 (no fatalities)	Female	13	1.3	0	17.8

* Not including minor injuries. No independent contractors were injured or suffered from occupational disease.

** Lost Days refers to scheduled working days and is counted when more than half of a working day is lost.



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LA6 Percentage of total workforce represented in formal joint management-worker health and safety committees that help to monitor and advise on occupational health and safety programs.

SBR is active in participating with various groups looking for the improvement of workers health and safety. SBR regularly sends representative staff to attend such training which include:

- Fire safety training
- CPR and AED training
- Risk assessment

Percentage of total workforce: **25%**

Only staff that are most relevant in applying these skills to improve the safety of others are sent for training.

LA8 Education, training, counselling, prevention, and risk-control programs in place to assist workforce members, their families, or community members regarding serious diseases.

Since 2012, SBR has put into place a **free and compulsory health screening program** for all of its employees (the program continued to be conducted in 2013). This screening process also aims to raise awareness on a range of common illnesses and chronic diseases (SBR does not have any occupational activities that are related to a high incidence of occupational disease). During this screening, health professionals come on site to conduct a series of tests and to educate the staff on health related topics.

Our health screening program combined with our employee health package provides a good medical coverage



Assistance Programs regarding Serious Diseases



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	Education/Training		Counselling		Prevention/Risk Control		Treatment	
Program Recipients	Yes	No	Yes	No	Yes	No	Yes	No
Workers	X			X	X			X
Worker's Families		X		X		X		X
Community Members		X		X		X		X

LA9 Health and safety topics covered in formal agreements with trade unions

SBR does not have any formal health and safety agreements with trade unions. Health and safety is very important to SBR, which is why we are **BizSAFE Level 3** (SBR has recently obtained this local health and safety endorsement).

LA12 Percentage of employees receiving regular performance and career development reviews, by gender

All our employees receive performance and career development reviews once a year.

– **100%** (males and females)

TRAINING AND EDUCATION

LA10 Average hours of training per year per employee by gender, and by employee category

All of our employees are required to undertake a **2 day compulsory training** upon joining the organization. In addition every employee as **1-2 days of additional training** every year regardless of gender or employee category.

LA11 Programs for skills management and lifelong learning that support the continued employability of employees and assist them in managing career endings

In addition, numerous opportunities are offered to the staff to attend training programs and educational talks which varies depending on what opportunities for learning come available (conferences, trade shows., workshops...) In Singapore the CPF fund , for which SBR contributes, is a main mean for employees to manage their career ending

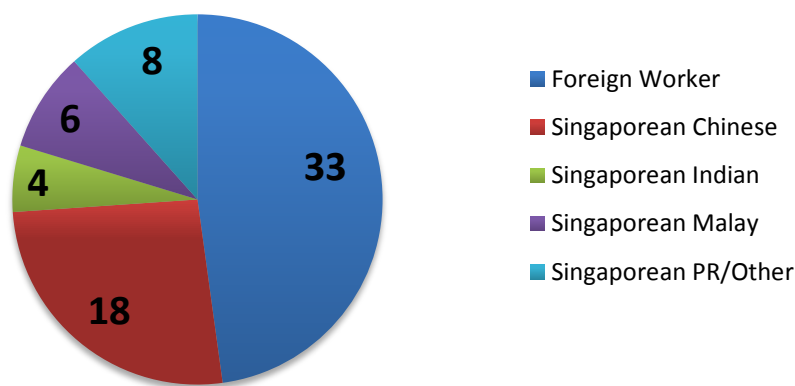


At SBR we offer our staff a range of options to improve their skills throughout the duration of their employment with us

LA13 Composition of governance bodies and breakdown of employees per employee category according to gender, age group, minority group membership, and other indicators of diversity.

Composition of Governance Body:	Nationality	Above 50 years	30-40 years	Male	Female
	100% Singaporean	33%	67%	67%	33%

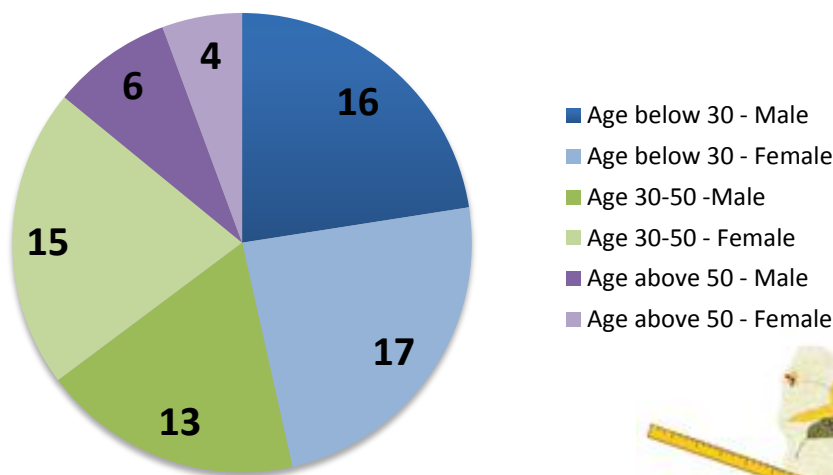
Employee Minority Groups *



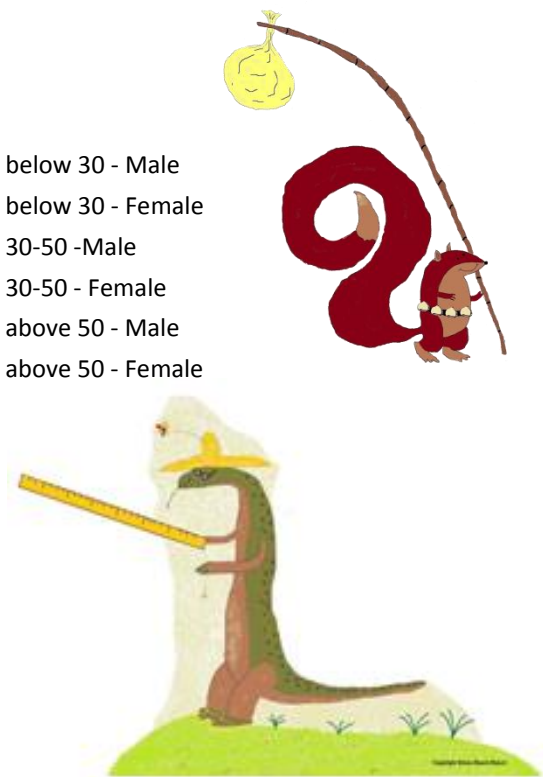
*Singaporean includes Singapore Citizens and Permanent Residents

Squirzy: “SBR has a rather diverse and multicultural workforce. I believe that diversity is a sign of strength. Look at me and prof monitor we could not be anymore different but we are a strong team aren’t we?”

Age and Gender



Prof Monitor “As already highlighted, SBR has a rather good balance of males/females. This is especially true for new hires which are mostly in the young category. This reflects SBR’s policies as an equal opportunity and non-discriminative employer”



Case study : Why should organizations practice CSR and give back to society?



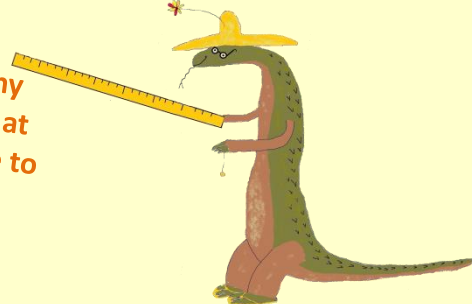
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2

Prof Monitor: "Well squirzy, that is a big debate that you raise. There are a multitude of reasons to do so. Let me tell you my thoughts on the matter."

"Every company should choose at least one cause to support"



1 Squirzy: "Prof Monitor, SBR's business is into hospitality, why do they give so much back to society in terms of donations, venue sponsorships, developing social programs and trying their best to be a responsible citizen when they could just run their business without contribution to any of these??"



3 Squirzy: "Well for a start why **NOT** focus just on the business, wouldn't SBR make more money in this way??"

4 Prof Monitor: "The world has changed a lot in the last few decades only. While most businesses continue to operate in the same way our environment is deteriorating at unprecedented rates, social issues are mounting, the world economy is unstable... it does not take much though to realize that businesses which do not start to practice sustainability will have increasing difficulties to operate and remain afloat."

5 Squirzy: "Yes I already learnt about all the worlds problems but what I want to know is why participate in social causes??"

"Businesses take from society to operate, they should therefore give back as well"

6 Prof Monitor: "Well more specifically SBR and other like minded businesses are giving back by trying to reduce their impacts and donating parts of their profits because all our problems will not be solved by governments only. It is obvious that businesses are the real entities which are in a position to make a faster change in this world. If the private sector does not act to support a range of social causes, things will move but believe me much much much much slower...this is the reality!"

7 Squirzy: "So you are saying that corporates should give back to society to complement what governments are doing?"

8 Prof Monitor: "In a way yes, but most importantly is the power of the snowball effect. The actions of one organization can have a real impact in influencing other organizations to take similar actions and in the end make real changes in societies."

9 Squirzy: "But most companies seem to think that they don't need to contribute because first it is not a legal requirement and secondly other companies will do it."

10 Prof Monitor: "This is a common mistake to think that others will do it. At SBR the philosophy is that we should do what we feel is the right thing to do regardless of the average opinion. The bottom line is that businesses through their operations are taking a lot from society and should therefore pay back their debts by giving back. It is called being responsible. The same way people do not like irresponsible people, they also do not like irresponsible companies. At SBR, we want to be and be seen as a responsible corporate citizen."

"The private sector is the only hope of a faster change"

DIVERSITY AND EQUAL OPPORTUNITY

EQUAL RENUMERATION FOR WOMEN AND MEN

LA14 Ratio of basic salary and remuneration of women to men by employee category, by significant department of operation.

SBR is an **equal opportunity employer**. The salary ratio of women/men is **1**.

At equal carrier level and background, women and men can expect the same salary range and the same level of consideration and attention.

LA15 Return to work and retention rates after parental leave by gender.

Employees entitled to parental leave / took parental leave / returned to work after parental leave ended / are still employed 12 months after leave ended for 2013:

Female: 1, Male: 1

retention and return to work rate = 100%

Society - LOCAL COMMUNITY

SO1 Percentage of operations with implemented local community engagement, impact assessments, and development programs.

100% of our operations are implemented with such community engagement, impact assessments, and development programs.

An initial impact assessment of potential construction damage to trees and terrain was conducted (this was for internal use as has not been publically disclosed). We have a sustainability committee and a Health and Safety Committee which deal with the relevant environmental and social impacts.

We engage with the community for feedback on any grievances, however as an SME located in a primarily tourist destination, we have not found it necessary to establish formal community consultation committees or formal local community grievance processes.



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We do purposefully create plans on how to engage our stakeholders, and use stakeholder mapping to assess which stakeholders would be most impacted and interested in our activities.

Community engagement: SBR has put into place a range of programs which intend to engage our staff with the community.

Such programs include helping community groups in need such as the St Andrew's Autism center or the older workers. We encourage our staff to participate in such social movements and offer rewards for those who do.

Impact assessment: SBR has recently conducted an in depth assessment of its operations and a range of surveys both internal and external to gain a better understanding of the impacts of its various programs and guests satisfaction.

SBR is currently implementing a **six sigma** program as well as various customer centric management initiatives.

SBR supports & participates in various community initiatives



Development programs:

SBR is actively participating to various community development programs. Such programs include the sponsorship of university scholarships, schools educational programs, the make a wish foundation and many others...



CORRUPTION



SO2 Percentage and total number of business units analysed for risks related to corruption.

100% (one business unit) - All departments are required to strictly follow the anti corruption guidelines. Managers of all departments are instructed to screen and report on any suspicion of corruption to the management.

In Singapore, corruption is controlled and severally punished, therefore the occurrence of corruption is very low.

SO3 Percentage of employees trained in organization's anti-corruption policies and procedures.

All employees are trained on corruption matters and company policies during the **general employee training** upon commencement of employment at SBR.

SO4 Actions taken in response to incidents of corruption.

SBR takes corruption matters very seriously and has not had any case of corruption to date.

Any instance of corruption involving the staff would be subject to immediate action which could lead to dismissal from the company without compensation.

Employees are made aware of the strict policy during their general employment training.

SO5 SBR Public Policies Involvement

Some of our recent involvements include:

SBR was a key contributor in the development of Singapore's Eco Hotel certification scheme. SBR served as the case study to develop this scheme and was subsequently the first hotel to be certified under this newly implemented scheme by the Singapore Environment Council.

•Singapore Tourism Board

SBR is active in participating in meetings with the Singapore Tourism Board that intend to shape the future of tourism in Singapore.

•Sentosa Island Partners

As an island partner, SBR actively participates in various meetings and discussions that intend to shape the future developments of Sentosa island.

Influencing: In addition to this, we feel that our main contribution is to **actively promote the concept of adopting sustainability within the hotel industry** and we hope that sharing best practices will influence decisions makers in imposing more stringent standards in the field.

SO6 Total value of financial and in-kind contributions to political parties, politicians, and related institutions by country.

SBR has to date not given direct financial contributions to political institutions. We have however provided **numerous in-kind contributions** mostly in the form of sponsorships of events and providing free or discounted venues and accommodations for organizations which champion environment-oriented public policy;

•Ministry of National Development visit

•Sponsorship of accommodation for Jose Ramos Horta, former President of Timor Leste

•Providing venues for the Ministry of the Environment and Water Resources

•Sponsoring venue for the Singapore Packaging Agreement (through the National Environment Agency)

•Sponsorship of award prizes for Public Utility Board's contest, and venue for Friends of Water Event

•Hosted PS21 event for the National Environment Agency (providing Eco Tour for over 60 delegates)

•Host for various events and venues for the Singapore Environment Council



ANTI-COMPETITIVE BEHAVIOR

SO7 Total number of legal actions for anticompetitive behaviour, anti-trust, and monopoly practices and their outcomes.

To date, **no legal actions have been taken against SBR** for such matters.

SBR is not a very competitive business. Our primary aim is not to be competitive but to sustain the business while providing good services to our guests as well as being a socially responsible company. This philosophy is reflected in our moderate marketing campaign which is not aggressive.



We believe that our sustainable business model will give us a competitive advantage in the future

COMPLIANCE

SO8 Monetary value of significant fines and total number of non-monetary sanctions for noncompliance with laws and regulations.

Since its opening, **SBR did not have any fines or non-monetary sanctions for non-compliances** with laws and regulations.

SO9 Operations with significant potential or actual negative impacts on local communities.

As a single operated business on the island of Sentosa (considered a leisure and entertainment hub), SBR does not have significant negative impacts on local communities.

On the contrary, SBR has **a positive impact** by providing leisure services while operating its business **in a sustainable way**.



We believe that we have a net positive impact on local communities by giving much more than we take

SO10 Prevention and mitigation measures implemented in operations with significant potential or actual negative impacts on local communities.

As our operations do not really have significant impacts on local communities, we do not have mitigation programs in place.

Should we identify such issues, we will definitely come up with mitigation programs and solutions to reduce such potential impact.

Some of our community donations include:

(SBR regularly donates to causes which are close to its heart)



St Andrews Autism Centre
We actively work with this group to provide training that could help these people integrate society

Make a Wish Foundation
We regularly support this cause that aims to grant children facing life threatening illnesses a wish

Singapore Red Cross
We donate to this cause and support some of their events

Employment of people in need
We employ some of our staff from groups in need such older works and persons with disabilities

Sponsorships of university scholarships
We regularly sponsor scholarships for talented students who cannot afford to pursue their education

Sichuan Earthquake Disaster relief aid
We were one of the first companies to fund the relief efforts

Wishing well foundation
We support

Singapore Heart Foundation
We support

Tribob Singapore Sprint Series

Miss Earth Singapore Event

Raffles Museum of Biodiversity Research
We have donated **half a million dollars** for the sponsorship of real dinosaur skeletons to come to Singapore

MCYS Beautifully Imperfect Event

And many more...

Product Responsibility

CUSTOMER HEALTH AND SAFETY

PR1 Life cycle stages in which health and safety impacts of products and services are assessed for improvement, and percentage of significant products and services categories subject to such procedures.

Products: SBR does not produce its own products, however has policies in place to purchase in the most responsible manner. This involves analyzing the products that we purchase in order to get the most sustainable options and which will also be safe for our staff and guests to use.

Services: The services that we offer have gone through a health and safety risk assessment and audited by a third party. As such every aspects of our operations follows stringent health and safety standards. Even from the beginning development stages of the Resort, health and safety impacts were assessed for improvement.

List of life cycle stages subject to health and safety assessment:

	Yes	No
Development of product and concept	X	
R & D		Not Applicable
Certification		Not Applicable
Manufacturing and Production		Not Applicable
Marketing and promotion		X
Storage distribution and supply	X	
Use and Service	X	
Disposal, reuse, and recycling	X	

Percentages of products and services undergoing such procedure:

Products: **Not Applicable**

Services: **100%**



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Raw materials
manufacturing
Finished product
services
afterlife



At SBR we apply a life cycle analysis to most products and services. This is part of our precautionary approach guidelines.

PR2 Total number of incidents of non-compliance with regulations and voluntary codes concerning health and safety impacts of products and services during their life cycle, by type of outcomes.

Since opening, SBR did not have any incidents of non-compliance with regulations and voluntary codes concerning health and safety impacts of products and services.

There has been in 2013 no incidents at the hotel for aspects such as:

- Fall from Slippery floor after rain: **0**
- Cuts after broken glass: **0**
- Fall in staircases: **0**

These incidents were found to be accidental and not related to non compliance

At SBR the level of incidents is very low



PRODUCT AND SERVICE LABELING

PR3 Type of product and service information required by procedures, and percentage of significant products and services subject to such information requirements.

100% of relevant product and service categories

Products: As a hotel business, many of the products that SBR uses are purchased from third parties. As such, these products already contain the regulatory labels on them with regards to content, safety, disposal and other specific aspects. SBR ensures that these labels remain on the products before handling by staff and guests. Relevant information regarding the sourcing of component products of our hospitality services, where applicable, is required.

Services: Labels and banners promoting various types of services are widely present at SBR. SBR meets all regulatory requirements with regards to labeling of safety aspects which include:

- Fire exits/extinguishers location/emergency exits
- Food type (e.g., nuts, spices...)
- Non-smoking signs

But also extensive labels and panels on services location: -reception/café/roof top garden...

SBR has gone much beyond this by setting a range of information corners such as location panels at each elevator floor or our Green Hub Corner where a large scale map of the resort is displayed.

PR4 Total number of incidents of non-compliance with regulations and voluntary codes concerning product and service information and labelling, by type of outcomes.

Since opening, **SBR did not have any incidents of non-compliance** with regulations and voluntary codes concerning product and service information and labeling.

SBR intends to keep it this way and is constantly collecting feedbacks in order to improve such aspects even further.

There are currently truly numerous information panels and labels throughout the resort informing on the nature of products and services.

Labeling is important because it provides key information which can be related to safety and well being



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At SBR all required labeling Are present on site



Pic: Our pool signage

We are compliant with rules and regulations and no we do not use inappropriate or funny signs when it comes to serious aspects or legal requirements

PR5 Practices related to customer satisfaction, including results of surveys measuring customer satisfaction.

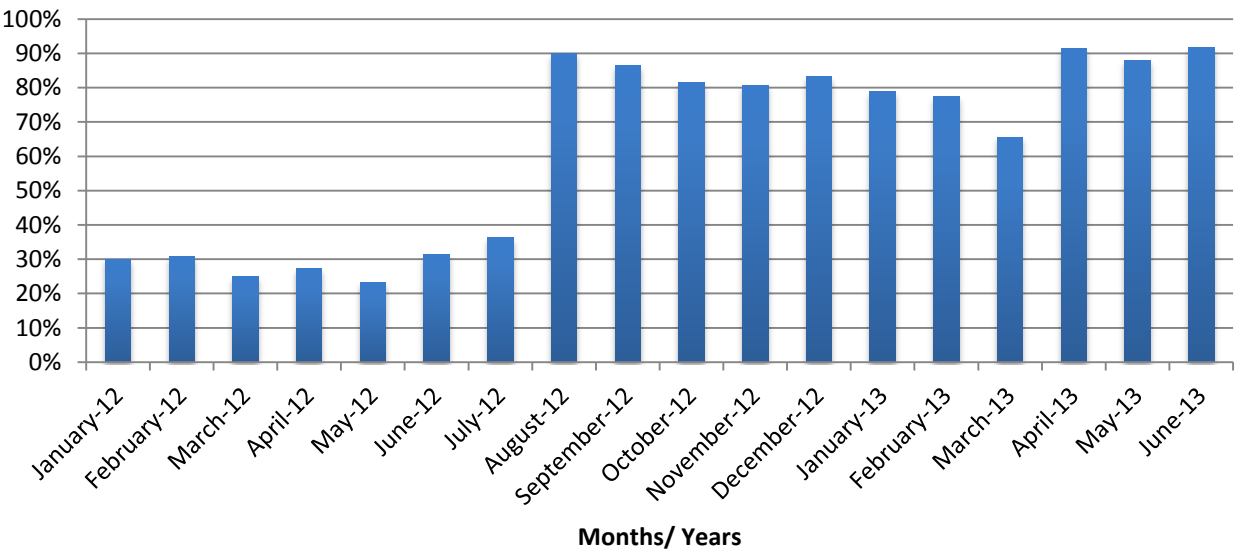
The below graphic showcases compiled monthly customer satisfaction feedbacks over a year period.

SBR conducts monthly survey of customer satisfaction. Different means are used to do this which include:

- In room feedback forms
- Random surveys
- Website surveys

Customer feedback is important to us so that we can continuously improve

Percentage of Feedback as Positive Guest Experience



SBR is currently in the process of a **major facilities renovations** which include a total refurbishing and design change for all our rooftop suites and facility rooms in a first phase. In a second phase our standard and deluxe rooms will also be upgraded.

This major upgrade should significantly contribute towards customer satisfaction improvement in addition to a range of other measures which are also currently being implemented.



We are significantly improving our services and facilities to respond to customer satisfaction

A happy customer Also makes us happy

MARKETING COMMUNICATIONS

PR6 Programs for adherence to laws, standards, and voluntary codes related to marketing communications, including advertising, promotion, and sponsorship.

SBR does not sell any banned or similarly questionable products. We follow the **DMAS (Direct marketing Association of Singapore) marketing code of conduct**. We are not one of the members, however, the code of practice serves as a general guideline. We review this voluntary codes on a yearly basis.

PR7 Total number of incidents of non-compliance with regulations and voluntary codes concerning marketing communications, including advertising, promotion, and sponsorship by type of outcomes.

We have **not had any reported incidents so far.**

SBR has a soft approach to marketing and our approach is not aggressive or competitive with other hotels.

CUSTOMER PRIVACY

PR8 Total number of substantiated complaints regarding breaches of customer privacy and losses of customer data.

Like any other hotels, we are always dealing with a range of customer complaints, however so far, we have **never had any issues or complaints regarding breaches of customer privacy and losses of data.**

At SBR, customer privacy is one of our priority and we treat such data with care and professionalism.

Recently SBR has invested and put into place a major internal backup computer system that allows all the customer data to be safely stored on our servers.

SBR does not store information without prior approval of its customers. Most of the data that we collect is on a temporary basis between the time the customer makes a booking to the time he leaves the hotel or cancels the reservation.



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PR9 Monetary value of significant fines for noncompliance with laws and regulations concerning the provision and use of products and services.

To date SBR **did not have any fines** for noncompliance with laws and regulations concerning the above



Customer data and privacy protection is important to us

Squirzy: "Prof Monitor always tells me that privacy protection is important. I agree, I'm always annoyed when I'm trying to have a quiet breakfast in the morning and that hotel guest always want to take pictures of me. I don't have any privacy anymore! I'm not sure

it really relates to data protection but I definitely understand what privacy is about!"



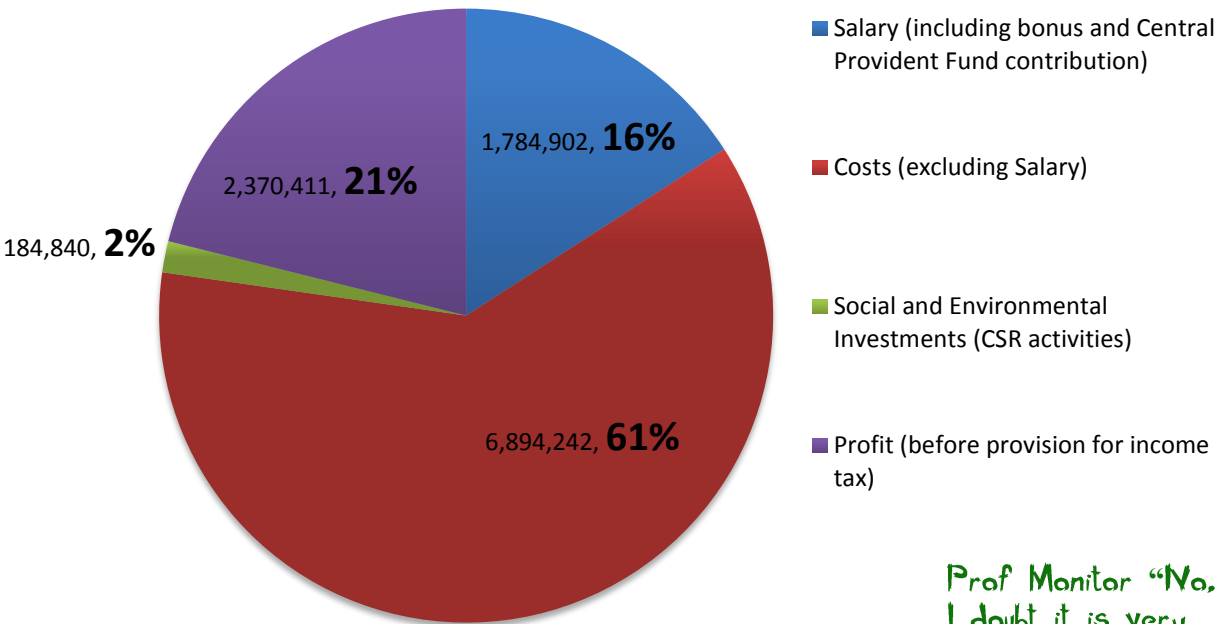


ECONOMIC PERFORMANCE

EC1 Direct economic value generated and distributed, including revenues, operating costs, employee compensation, donations and other community investments, retained earnings, and payments to capital providers and governments.

Total business revenue for FY 2013: S\$11,234,395.00

Distribution of Total Revenue (in Singapore Dollars and by %)



Squirzy: “Prof Monitor, I notice from the above graphic that SBR spends 1.6% of its annual revenue on social investments. I was wondering, is this common for a company?”



Prof Monitor “No, I doubt it is very common at all. In fact most companies spend much less than 1% of their revenues on CSR or sustainability projects. In 2013 alone SBR has spent over S\$ 180 thousand on CSR

EC2 Financial implications and other risks and opportunities for the organization's activities due to climate change.

SBR takes climate change issues seriously. SBR acknowledges the fact that climate change is real and that progressive changes as a result will be felt throughout the century.

Short term: While SBR does not see any significant financial impacts in the short term, many aspects of how it operates and plans its business in the medium to long term to take climate risk into consideration.

Medium and long term:

SBR foresees that financial risks in the medium to long term may include:

• **Adaptive costs** of various sorts: e.g. coastal erosion from sea level rise, stronger and more frequent rainfall events and tropical storms which could cause structural damages and associated problems such as floods, water infiltration in buildings...

- As ambient temperature will increase, SBR will have to find new solutions to deal with **mosquito control**. This will add cost to our operations.
- As the impacts of climate change will increase, the **world economy will suffer** heavily. This will affect leisure travels and therefore SBR's business.
- As a beach front business, **in the long term** sea level rise will become a major issue for SBR.
- The potential of future environmental regulations and taxes serve to potentially increase operating cost.

Opportunities

- With climate change also comes the opportunity to provide sustainable hospitality services.
- Having been environmentally conscious from the very beginning, climate change also could add a competitive advantage to the resort as other businesses work to catch up and improve their environmental credentials.

EC3 Coverage of the organization's defined benefit plan obligations?

Our coverage includes the below:

CPF Contribution	Work/life balance
Compulsory	Accommodation
Transportation	Meals
Medical insurance (+ hospital coverage)	



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EC4 Significant financial assistance received from government.

SBR has **not received any financial assistance** from the government so far. The construction of the hotel was privately funded.

SBR is however starting to look into a range of government funds especially for the implementation of new energy efficiency projects

MARKET PRESENCE

EC5 Range of ratios of standard entry level wage by gender compared to local minimum wage at significant locations of operation.

Our wages are **in line with standard minimum entry level wage in the hotel industry in Singapore**.

We have recently increased our minimum wages to make them **more competitive**. This process is also part of our strategy to attract and retain local talents.

Ratio for both genders is in the range of **0.93** (in our favor).

EC6 Policy, practices, and proportion of spending on locally-based suppliers at significant locations of operation.

SBR has a strong policy to purchase its supplies as much as possible from local suppliers.

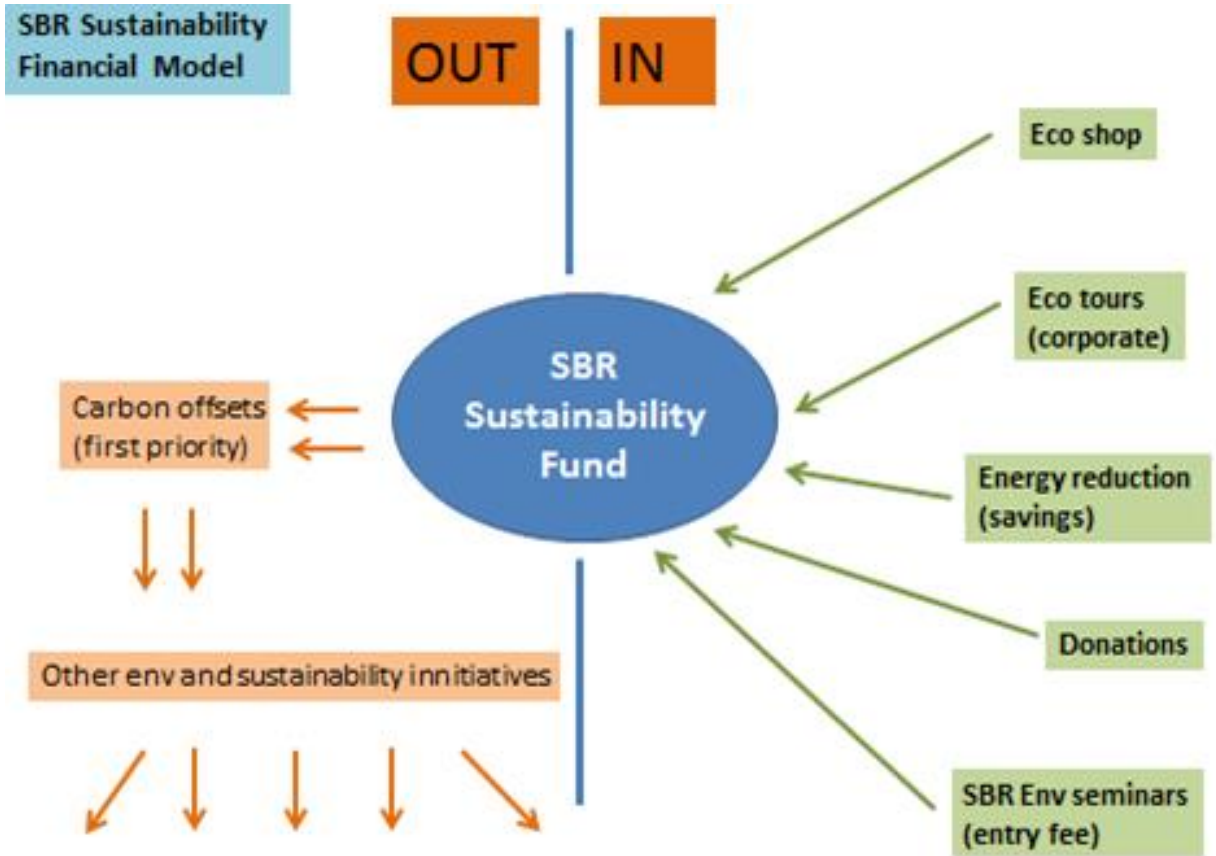
For aspects such as F&B, local is defined as within South East Asia. One of our primary reasons for purchasing locally is to reduce our carbon footprint.

More than **70%** of our purchases are done locally (as a percentage of the total purchasing budget)

In addition to the geographic location, we also take into account cost and quality, carbon footprint of transport, the sustainability of the supplier in its production and disposal processes, and social performance.

Our purchasing policy is Asia centric





Recently, SBR has implemented a sustainability fund

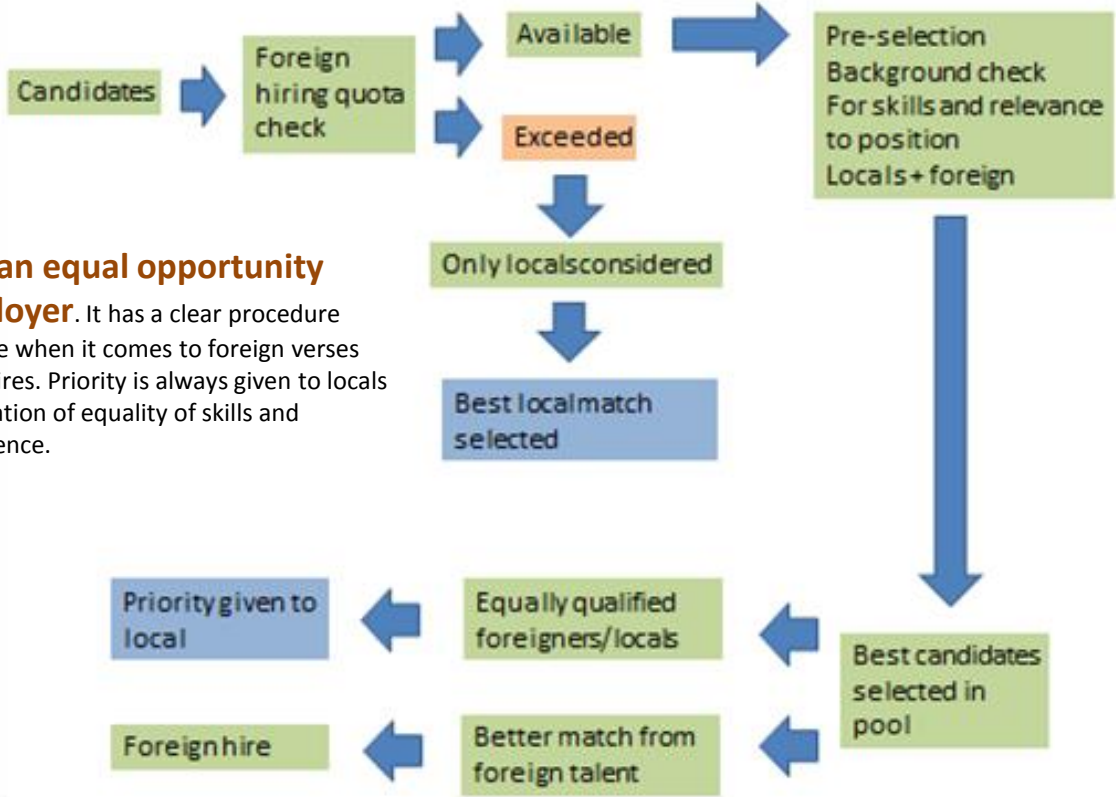
This fund collected through various means will help to fund our sustainability Projects with the aim of having our sustainability programs self sustained
In the future



Procedure for local hiring



EC7 Procedures for local hiring and proportion of senior management hired from the local community at locations of significant operation.



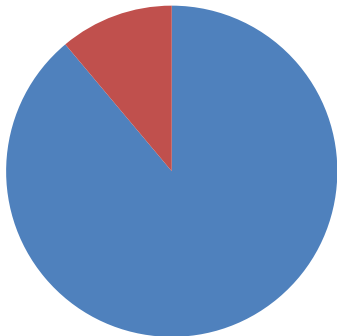
SBR is an **equal opportunity employer**. It has a clear procedure in place when it comes to foreign versus local hires. Priority is always given to locals in situation of equality of skills and experience.

Proportion of senior management hired from the local community:

At SBR Senior management is 100% local and composed of family members (senior management is defined as those above the normal department manager positions).

Breakdown of Department Managers:

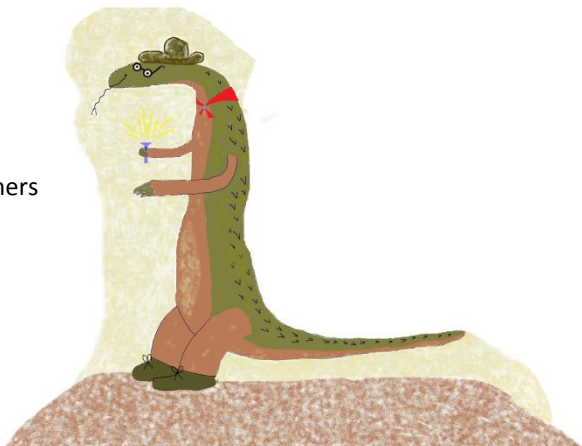
Total: 9
Locals (including Permanent Residents): 8
Foreigners: 1



SBR has a balance between locals and foreigners in its management

Prof Monitor “At SBR most of the management are locals, and come from diverse backgrounds. SBR believes that it is important to have such a balance because diversity in the work force provides a stronger management by integrating views from different angles”

■ Locals
■ Foreigners



INDIRECT ECONOMIC IMPACTS

EC8 Development and impact of infrastructure investments and services provided primarily for public benefit through commercial, in kind, or pro-bono engagement.

Infrastructure Investments: While many of the infrastructure at SBR was developed with guest satisfaction and the environment in mind, they were not developed primarily for public benefit. Most of the resort's infrastructure has a direct economic return such as rooms and restaurants facilities.

Services: Before implementing a new service, SBR conducts a financial analysis of how much it's going to cost verses financial returns. Initiatives are subdivided into two categories:

- Financial investments: Investments for which a positive financial return is expected
- CSR investments: Investments for which no financial return is expected.

For CSR projects, a budget is allocated from the total hotel revenues. SBR has no financial interest in doing so but also believes that acting as a responsible corporate citizen in giving back to society is an important moral task that any business should consider.

Our Eco Tour program in particular is a CSR project that is for public benefit by teaching students, companies, and the community about sustainable business using SBR as a case study. Although a local community assessment has not been conducted, we are confident of the importance of this program as it has been requested by many teachers and business. We believe that knowledge about sustainable business will benefit the public as they will have better quality of life from business impacts when society accepts that sustainable and responsible practices are the only viable way of doing business.

Our Eco Tour program is conducted free of charge (pro bono) and since its start in 2007 has been conducted for more than **7500 participants** (as of October 2014). For 2013, there were over **1900 participants!** The estimated cost of running the program for each year is about **S\$12,000 per year.**



EC9 significant indirect economic impacts, and the extent of impacts.

SBR works with various organizations who advise us on the economic needs of Singapore and help us to understand our indirect economic impacts.

Indirect economic impacts	Significance of Impacts
Seasonality of Tourism Industry	Negative: Seasonality can result in some economic instability.
Attracting tourists to Singapore	Positive: Attracting more tourists will bring additional money into the Singapore economy. This is aligned with the national policy of promoting Singapore, and Sentosa Island in particular, as a tourist destination.
Employment of Foreign Talent	Negative and Positive: Hospitality is an industry that by necessity employs a significant percentage of foreign talent. This can have a positive effect on the economy, but also it may result in otherwise lower wages for some occupations.
Raising awareness of sustainable business	Positive: Actively promoting sustainable business serves to have a positive effect on the Singapore economy. This is a better model for creating long-term prosperity and in line with Singapore's pledge to cut GHG emissions 16% by 2020.

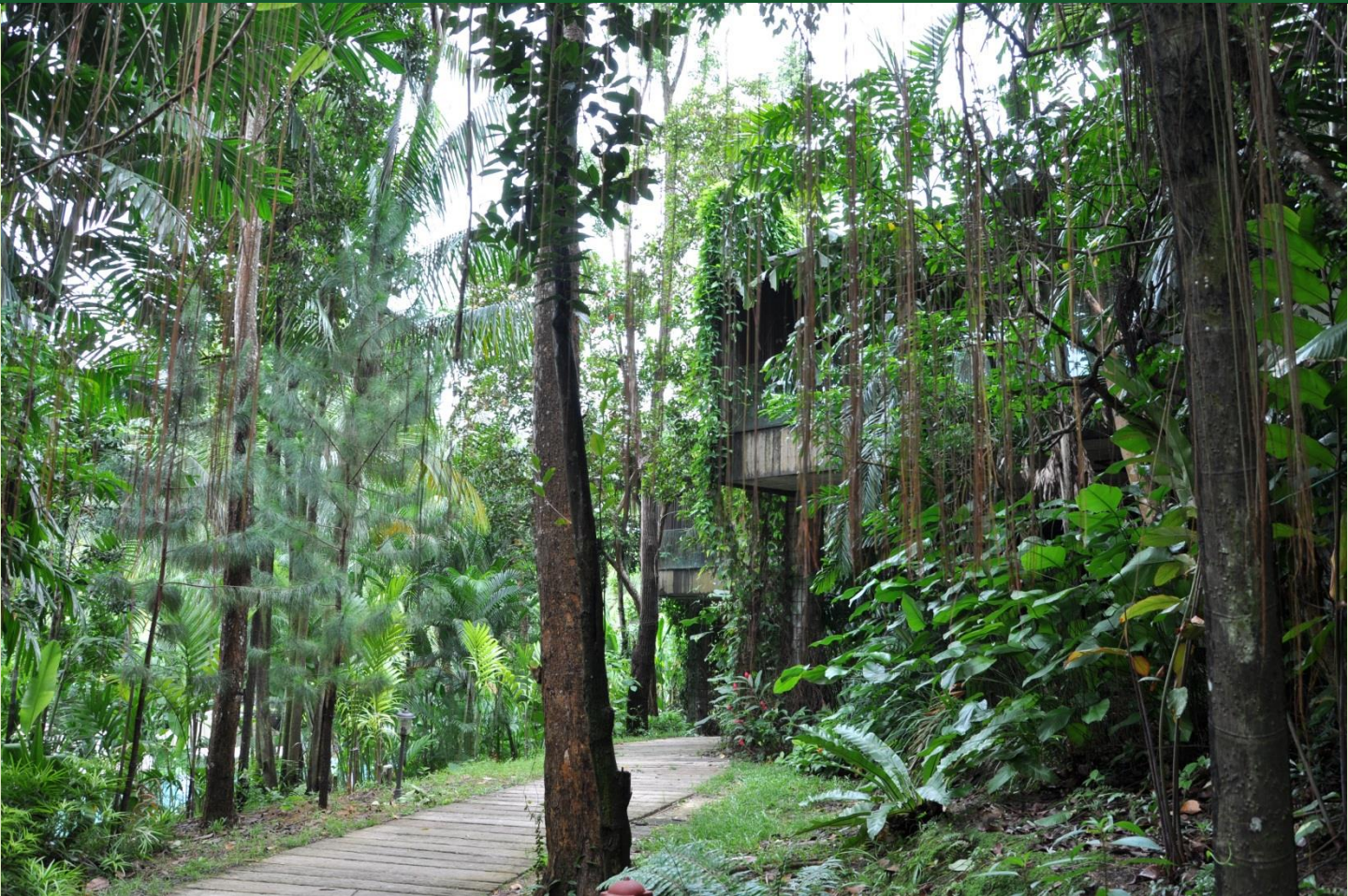
Extent of Impacts: For all of our indirect economic impacts, the extent of the impact is very small, and not possible to observe in relation to the overall Singapore economy. However, as a responsible business, we still feel it is important for us to study and understand our indirect economic impacts

Our economic impact may be small, but it is important to know and understand.





Our final key message



Doing business while maintaining a harmony with the surrounding natural environment is possible. At SBR this is precisely what we have been doing and will continue to do...

Don't Wait...

Be the Change, Act now...



Thank you for reading through!

On behalf of SBR we hope that you have found our sustainability report useful in highlighting the efforts that are done here to be a responsible and sustainable business.



That's all folks!



Profile Disclosures				
Profile disclosure & category		Report section or full GRI content index	Reported	Page
Strategy and Analysis	1.1	Statement from the Owner/Executive Director	Fully	11 – 14
	1.2	Description of impacts , risks and opportunities	Fully	22 – 36
Organisational Profile	2.1	Name of the organization	Fully	38
	2.2	Primary brands, products and/or services	Fully	38 – 42
	2.3	Operational structures	Fully	44
	2.4	Location of headquarters	Fully	44
	2.5	Countries of operation	Fully	44 – 45
	2.6	Nature of ownership and legal form	Fully	45
	2.7	Markets served	Fully	46-47
	2.8	Scale of organization	Fully	48-49
	2.9	Significant changes during the reporting period	Fully	50
	2.10	Awards received during the reporting period	Fully	50-52
Report Parameters	3.1	Reporting period	Fully	53
	3.2	Date of most recent previous report	Fully	53
	3.3	Reporting cycle	Fully	53
	3.4	Contact point for questions regarding the report	Fully	53
	3.5	Process for defining report content	Fully	53
	3.6	Boundary of the report	Fully	55
	3.7	Specific limitations on the scope or boundary of the report	Fully	55
	3.8	Basis for reporting on joint ventures, subsidiaries, leased facilities, etc.	Fully	55
	3.9	Data measurement techniques and the bases of calculations	Fully	55
	3.10	Effect of any re-statements of information provided in earlier reports	Fully	55
	3.11	Significant changes from previous reporting periods in the scope, boundary, or measurement methods applied	Fully	55
	3.12	GRI content index - Table identifying the location of the Standard Disclosures in the report	Fully	55
	3.13	Policy and current practice with regard to seeking external assurance for the report	Fully	56



Profile Disclosures				
Profile disclosure & category		Report section or full GRI content index	Reported	Page
Governance, commitments, and engagements	4.1	Governance structure of the organization	Fully	58
	4.2	Chair of the highest governance	Fully	58
	4.3	Unitary board structure	Fully	58
	4.4	Mechanisms for shareholders and employees to provide recommendations	Fully	58-59
	4.5	Linkage between compensation for members of the highest governance body, senior managers, and executives	Fully	60
	4.6	Processes in place for the highest governance body to avoid conflicts of interest	Fully	60
	4.7	Process for determining the composition, qualifications, and expertise of the members of the highest governance body	Fully	61
	4.8	Internally developed statements of mission or values, codes of conduct and the status of their implementation	Fully	61
	4.9	Procedures of the highest governance body for overseeing the economic, environmental, and social performance, including relevant risks and opportunities	Fully	62
	4.10	Processes for evaluating the highest governance body performance, particularly with respect to economic, environmental, and social performance	Fully	62
	4.11	Implementation of precautionary approach or principle	Fully	63
	4.12	Subscription or endorsement to externally developed economic, environmental, and social charters or other initiatives	Fully	63
	4.13	Membership in associations	Fully	65-66
	4.14	List of stakeholder groups engaged by the organization	Fully	67
	4.15	Basis for identification and selection of stakeholders with whom to engage	Fully	80
	4.16	Approaches to stakeholder engagement, including frequency of engagement by type and by stakeholder group	Fully	81-82
	4.17	Key topics and concerns raised through stakeholder engagement and response by the organization	Fully	83



Performance Indicators

Economic

Performance indicator		Report section or full GRI content index	Reported	Page
Economic performance	EC 1	Direct economic value generated and distributed	Fully	146
	EC 2	Financial implications and other risks and opportunities for the organization's activities due to climate change	Fully	147
	EC 3	Coverage of defined benefit plan obligations	Fully	147
	EC 4	Significant financial assistance received from government	Fully	147
Market presence	EC 5	Range of ratios of standard entry level wage by gender compared to local minimum wage	Fully	147
	EC 6	Policy, practices, and proportion of spending on locally-based suppliers	Fully	147
	EC 7	Procedures for local hiring and proportion of senior management hired	Fully	147
Indirect economic impact	EC 8	Infrastructure investments and services provided primarily for public benefit	Fully	150
	EC 9	Significant indirect economic impacts, and the extent of impacts	Fully	150

Environmental

Materials	EN 1	Materials used by weight or volume	Fully	84
	EN 2	Percentage of materials used that are recycled input materials	Fully	85
Energy	EN 3	Direct energy consumption by primary energy source	Fully	88
	EN 4	Indirect energy consumption by primary source	Fully	89
	EN 5	Energy saved due to conservation and efficiency improvement	Fully	88
	EN 6	Initiatives to provide energy-efficient or renewable energy based products and services	Fully	95
	EN 7	Initiatives to reduce indirect energy consumption	Partially	95
Water	EN 8	Total water withdrawal by source	Fully	99
	EN 9	Water source significantly affected by withdrawal of water	Fully	100
	EN 10	Percentage and total volume of water recycled and reused	Fully	100
Biodiversity	EN 11	Location and size of land owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Fully	102
	EN 12	Significant impacts of activities on biodiversity inside and outside the protected areas	Fully	102
	EN 13	Habitats protected and restored	Fully	102
	EN 14	Strategies, current actions, and future plans for managing impacts on biodiversity	Fully	110
	EN 15	Number of IUCN Red List species and national conservation list species with habitats in areas affected by operations	Fully	111



Performance Indicators

Environmental

Performance indicator		Report section or full GRI content index	Reported	Page
Emissions, effluents and waste	EN 16	Total direct and indirect greenhouse gas emissions by weight	Fully	112
	EN 17	Other relevant indirect greenhouse gas emissions by weight	Fully	114
	EN 18	Initiatives to reduce greenhouse gas emissions and achievements	Fully	114
	EN 19	Emissions of ozone-depleting substances by weight	Fully	115
	EN 20	NO, SO, and other significant air emissions by type and weight	Fully	115
	EN 21	Total water discharge by quality and destination	Fully	116
	EN 22	Total weight of waste by type and disposal method	Fully	116
	EN 23	Total number and volume of significant spills	Fully	119
	EN 24	Weight of transported, imported, exported, or treated hazardous waste and percentage shipped internationally	Fully	119
	EN 25	Size, protected status, and biodiversity value of water bodies and habitats affected by discharges of water and runoff	Fully	119
Products and services	EN 26	Initiatives to mitigate environmental impacts	Fully	124
	EN 27	Percentage of products sold and packaging materials reclaimed	Fully	124
Compliance	EN 28	Fines and sanctions for non-compliance with environmental laws and regulations	Fully	126
Transport	EN 29	Significant environmental impacts of transporting products and other goods and members of the workforce	Fully	126
Overall	EN 30	Total environmental protection expenditures and investments	Fully	127

Social: Labor practices and decent work

Employment	LA 1	Total workforce by employment type, employment contract, and region, broken down by gender	Fully	132
	LA 2	Number and rate of new employee hired and employee turnover by age group, gender, and region	Partially	133
	LA 3	Benefits provided for full-time employees	Fully	133
	LA 15	Return to work and retention rates after parental leave	Partially	138
Labour/ management relations	LA 4	Percentage of employees covered by collective bargaining agreements	Fully	134
	LA 5	Minimum notice period(s) on operational changes	Fully	134
Occupational health and safety	LA 6	Percentage of total workforce represented in formal joint management-worker health and safety committees	Fully	134
	LA 7	Rates of injury, occupational diseases, lost days, absenteeism, and number of work related fatalities	Partially	134
	LA 8	Education, training, counselling, and risk-control program regarding serious diseases	Fully	134
	LA 9	Health and safety topics covered in formal agreements with trade unions	Fully	135



Performance Indicators

Social: Labor practices and decent work

Performance indicator		Report section or full GRI content index	Reported	Page
Training and education	LA 10	Average hours of training per year per employee by gender, and by employee category	Fully	135
	LA 11	Programs for skills management and lifelong learning	Fully	135
	LA 12	Percentage of employees receiving regular performance and career development reviews, by gender	Fully	135
Diversity and equal opportunity	LA 13	Composition of governance bodies and breakdown of employees per employee category	Fully	136
Equal remuneration for women and men	LA 14	Ratio of basic salary and remuneration of women to men by employee category	Fully	139

Social: Human rights

Investment and procurement practices	HR 1	Percentage and number of investment agreements that include human rights clauses or screening	Fully	128
	HR 2	Percentage of suppliers, contractors and other business partners have undergone human rights screening	Fully	128
	HR 3	Total hours and percentage of employee trained on policies and procedures concerning aspects of human rights	Fully	128
Non-discrimination	HR 4	Number of incidents of discrimination and corrective actions taken	Fully	128
Freedom of association and collective bargaining	HR 5	Operations and significant suppliers identified in which the right to exercise freedom of association and collective bargaining may be at significant risk and actions taken	Fully	130
Child labor	HR 6	Operations and suppliers identified the significant risk for incidents of child labor, and measures taken	Fully	130
Prevention of forced and compulsory labor	HR 7	Operations and suppliers identified the significant risk for incidents of forced or compulsory labor, and measures taken	Fully	130
Security practices	HR 8	Percentage of security personnel trained in the human rights policies or procedures	Fully	131
Indigenous rights	HR 9	Number of incidents of violations involving rights of indigenous people and actions taken	Fully	131
Assessment	HR 10	Percentage and number of operations that have been subject to human rights reviews	Fully	131
Remediation	HR 11	Number of grievances related to human rights filed, addressed and resolved through formal grievance mechanisms	Fully	131



Performance Indicators

Social: Society

Performance indicator		Report section or full GRI content index	Reported	Page
Local communities	SO 1	Percentage of operations with implemented local community engagement, impact assessments, and development programs	Partially	138
	SO 9	Operations with significant potential or actual negative impacts on local communities	Fully	140
	SO 10	Prevention and mitigation measures implemented with significant potential negative impacts on local communities	Fully	140
Corruption	SO 2	Percentage and total number of business units analysed for risks related to corruption	Fully	139
	SO 3	Percentage of employees trained in anti-corruption policies and procedures.	Fully	139
	SO 4	Actions taken in response to incidents of corruption	Fully	139
Public policy	SO 5	Public policies involvement	Fully	139
	SO 6	Total value of financial and in-kind contributions to political parties, politicians, and related institutions	Fully	139
Anti-competitive behavior	SO 7	Total number of legal actions for anticompetitive behavior and the outcomes	Fully	140
Compliance	SO 8	Significant fines and sanctions for non-compliance with laws and regulations	Fully	140

Social: Product responsibility

Customer health and safety	PR 1	Life cycle analysis of products and services	Fully	142
	PR 2	Number of incidents of non-compliance with regulations and voluntary codes (health and safety impacts of products and services)	Fully	142
Product and service labelling	PR 3	Type of product and service information required by procedures	Fully	143
	PR 4	Number of incidents of non-compliance with regulations and voluntary codes (product and service information and labelling)	Fully	143
	PR 5	Practices related to customer satisfaction	Fully	144
Marketing communications	PR 6	Programs for adherence to laws, standards, and voluntary codes related to marketing communications	Fully	144
	PR 7	Number of incidents of non-compliance with regulations and voluntary codes (marketing communications)	Fully	144
Customer privacy	PR 8	Number of substantiated complaints regarding breaches of customer privacy and losses of customer data	Fully	144
Compliance	PR 9	Monetary fines for non-compliance with laws and regulations concerning the provision and use of products and services	Fully	144

Annex

SquirZy: “In these annexes you will find a range of supporting documents that highlight some of our sustainability achievements. These are only selections amongst many other documents.

PS: Thankfully, otherwise I couldn’t even carry this sustainability report; and I’m always the one assigned to carry documents for Prof Monitor!”





1. Review of 2013 -2014 targets

Since the construction of the Resort, the Owners had a vision to develop an eco friendly resort. Below details the targets that have been set by the Sustainability Committee:

LIST OF TARGETS AND INITIATIVES: 2013 - 2014

Component	Target	Comment
Marketing	To upgrade the hotel website and integrate a section on sustainability reporting.	Website has been upgraded however major rebranding of the site as been delayed to next reporting period
	To market the new family villas	A brochure and website updates have been produced
Financial profit	To continue a positive financial growth compared to previous financial year	This year has seen a consistent finance with previous year
Guests satisfaction	<ul style="list-style-type: none"> To implement CCI guidelines (customer centric initiative) and S-class 	Done
Service quality	<ul style="list-style-type: none"> Implementation of a new interactive customer feedback system 	Delayed to next reporting period and to be included in new website design
Safety	<ul style="list-style-type: none"> Implement various safety messages 	All safety targets met. Messages and training have been provided
Regulatory requirements	Continue to comply and exceed with all regulations	Done. SBR is compliant with all regulations
Energy Consumption	Upgrade of the chiller system for energy efficiency Trial of new led technology	Done. Trial in progress
Water resources	Build a new water retention tank on the 5 th floor	Done. Main water tank was installed
Carbon emissions	Develop new carbon offsetting programs in partnership with Nexus	Done. The program is now active



1. Review of 2013 - 2014 targets

Component	Target	Comment
Employees satisfaction	Undertake various staff satisfaction surveys and implement changes	Done. Surveys have been conducted
Customer feedback	Set up a link with tripadvisor.com for the guests to feedback	Done
Innovation and R&D	New aquaculture project to expend on the vermicomposting system Further on vermicomposting system in partnership with Singapore Poly	Tilapia farm is now operational on the 2 nd floor
Social responsibility	<ul style="list-style-type: none"> Sponsorship of various CSR related events. Continue to expend and develop the eco tour program 	Various sponsorships (e.g. Singapore Packaging Agreement, PUB's Friends of Water Network) have been provided. Eco tour has grown significantly now exceeding 7500 attendees
Environmental outreach	<ul style="list-style-type: none"> Upgrades on biodiversity.sg platform Sustainability reporting Publish environmental articles 	Done. A new section on biomimetic has been included. Articles regularly published
Waste generated	<ul style="list-style-type: none"> Continue to segregate various types of wastes Print new concept for recycling posters around the resort Improve waste collection by 3% compared to previous year 	In progress, as stronger emphasis on plastic is expected over next reporting period. New posters have been printed and recycling bins installed in partnership with Tetrapack
Onsite biodiversity	<ul style="list-style-type: none"> Continue to trial an alternative mosquito control treatment using bacteria Implement 3 new self maintained ponds throughout the resort 	Current mosquito treatment ongoing. New enzyme technology tested Two new ponds implemented
Ethical business practices	<ul style="list-style-type: none"> Continue to practice business in the most ethical way Attend various seminars and events on ethical business practices 	SBR is compliant with all ethical business practices