



Applying Green Strategies for Building Back Better

Sustainable Island Mauritius Project



Project Partners



Funded by





THE EUROPEAN UNION – A RELIABLE PARTNER TO MAURITIUS FOR ITS GREEN RECOVERY

The European Union-Mauritius partnership dates back to the 1970's and has been consolidating over the decades. Besides being the main trading and investment partner to Mauritius, Europe also represents the main tourist market.

Prior to the covid pandemic, European tourism represented more than 50% of total tourist arrivals in Mauritius. Following the re-opening of Mauritian borders, European tourism has bounced back and represents 61% of total tourist arrivals

in 2022. Figures speak for themselves. Mauritius and its islands indeed have so much to offer – from their natural beauty to their world-known hospitality and gastronomy.

The Sustainable Island Mauritius (SIM) project - with its focus on greening of the entire tourism value chain – has played a crucial role in the recovery of the tourism industry. Actors in the industry – from the hotel operators to the tour guides and taxi men – have become true Ambassadors of sustainability. Green tourism is a niche segment that will certainly not go unnoticed by European tourists.

I seize the opportunity to congratulate the Sustainable Island Mauritius project for winning the silver award in the category 'Destinations Building Back Better Post-Covid' during the WTM Africa Responsible Tourism Awards 2022. This is a strong recognition of the green transition journey of the tourism sector.

Vincent Degert

Ambassador of the European Union to the Republic of Mauritius





MAKING MAURITIUS A LEADING AND SUSTAINABLE ISLAND DESTINATION

There is no doubt that the tourism sector worldwide has been significantly impacted by the COVID-19 pandemic. However, according to the UNTWO, the COVID-19 crisis is also an opportunity to rethink how tourism interacts with its societies, other economic sectors and our natural resources and ecosystems so that we can measure and manage it better, ensure a fair distribution of its benefits while advancing the transition towards a carbon neutral and resilient tourism economy.

Mauritius can proudly affirm having taken necessary measures, well before the pandemic strikes, to engage in the greening of its tourism sector. The Tourism Authority is spearheading, since 2018, the “Sustainable Island Mauritius” project, funded by the European Union, and which aims at promoting more green, resilient, inclusive, and sustainable development in the tourism industry.

The Tourism Authority has introduced the Mauritius Pro-Handprint Innovation Framework (MauPHI), which comprises of a hands-on set of 11 standards aiming at limiting the negative impacts on the environment as well as encouraging marketable handprint products that support inclusive tourism, social stability, cultural and heritage enhancement and bring economic benefits to the value chain (direct and induced businesses).

The Tourism Authority has also been providing training to more than 1,800 operators on best sustainable practices and we expect to reach 3,000 operators by end of June 2022.

The Sustainable Island Mauritius project has moreover laid down the foundations for a holistic approach to innovate and adapt with the emergence of green technologies that encourage use of clean energies and other digital available services.

Taking into consideration all these measures there is no doubt that Mauritius is on the right path to become a leading and sustainable island destination.

We are pleased to note the engagement of the financial institutions that have acknowledged and endorsed our vision. Tourism being multisectoral in nature, depends on the adaptiveness of the financial sector to respond to a demand which is going to be more substantial along the way.

This catalogue is to shed light on the rationale of green investment, with clear examples of packages available on the market and a few technology providers. It will be massively distributed to all the tourism operators, and we aim at updating same constantly in the future.

Lindsay Morvan, OSK, MSK
Director of Tourism Authority

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Sustainable Island Mauritius (SIM) Project

Sustainable Island Mauritius (SIM)

is a project funded by the European Union in the framework of the Switch Africa Green Programme. It was started in July 2018 and expected to be completed by June 2022.

The SIM Project promotes sustainable tourism innovation among

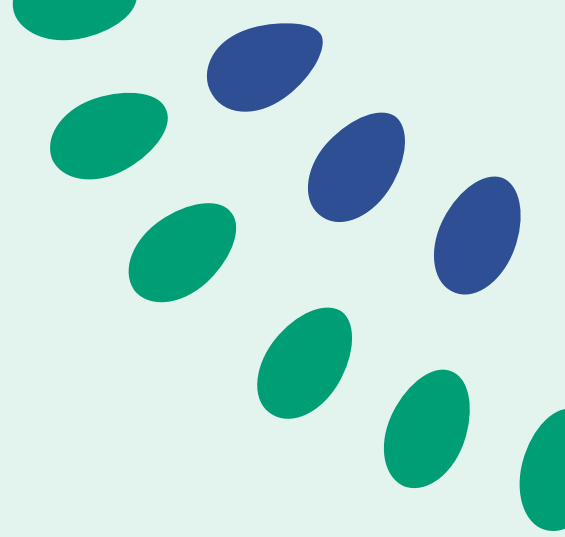
- Tour operators / destination management companies
- Hotels
- Taxi drivers and tour guides
- Pleasure craft operators
- Artisans, local producers and handicraft makers

Objective of SIM Project

The overall objective of the project is to promote sustainable tourism in Mauritius by demonstrating and scaling up self-sustaining mechanism for improving sustainability impacts along the value chain and improving awareness and market of sustainable tourism products. To achieve this, the SIM project applies Mauritius Pro-Handprint Innovation (MauPHI) Framework.



The Sustainable Island Project



PROJECT PARTNERS



(Mauritius) Tourism Authority (TA)

TA is a parastatal body operating under the aegis of the Ministry of Tourism and External Communications and is governed by the Tourism Authority Act 2006 (as subsequently amended).

Collaborating Centre on Sustainable Consumption and Production (CSCP), Germany



The CSCP was jointly founded by the Wuppertal Institute and the United Nations Environment Programme (UNEP) in 2005 to establish an internationally visible institution for scientific research, outreach and transfer activities on sustainable consumption and production (SCP). CSCP implements the project in collaboration with blueContec, an experienced sustainable tourism consultancy.



ASSOCIATED PARTNERS

Ministry of Tourism (MoT)

Ministry of Environment, Solid Waste Management and Climate Change

Mauritius Tourism Promotion Authority (MTPA)

Association of Hoteliers and Restaurants in Mauritius (AHRIM)

Tourism Promotion Association (TPA)

Association of Tourism Professionals (ATP)

Association of Inbound Operators Mauritius (AIOM)

Association des hotels de Charme

Association of Tourist Operators (ATO)

The Mauritius Bankers Association (MBA)

Made in Moris

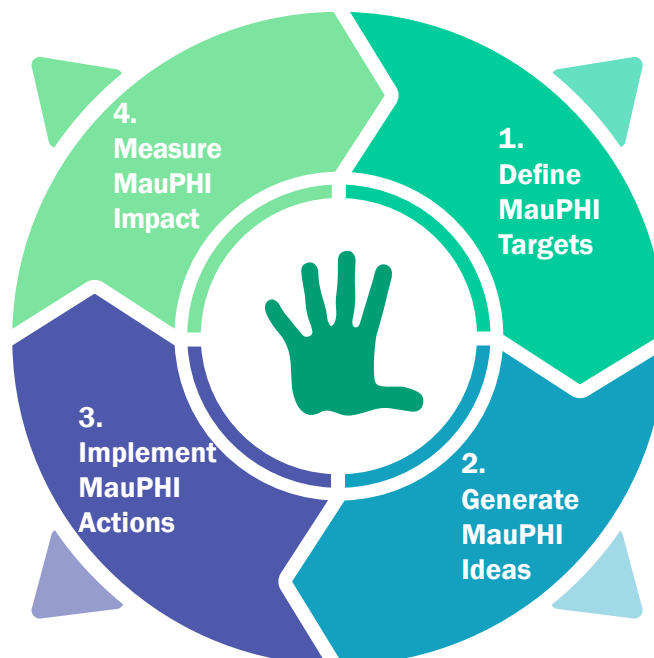
DER Touristik Deutschland GmbH

Mautourco

MAURITIUS PRO-HANDPRINT INNOVATION (MAUPHI) FRAMEWORK

The MauPHI framework is a tool guiding tourism businesses to target, manage, measure, and communicate positive impacts of their activities. As tourism relies on local resources (e.g., human resource, natural resource etc.), MauPHI helps businesses identify areas where they can create value. The MauPHI tool fosters innovative, sustainable solutions to preserve the environment, empower local communities and strengthen local economy.

Expected Outcome
Measured and
communicated impact



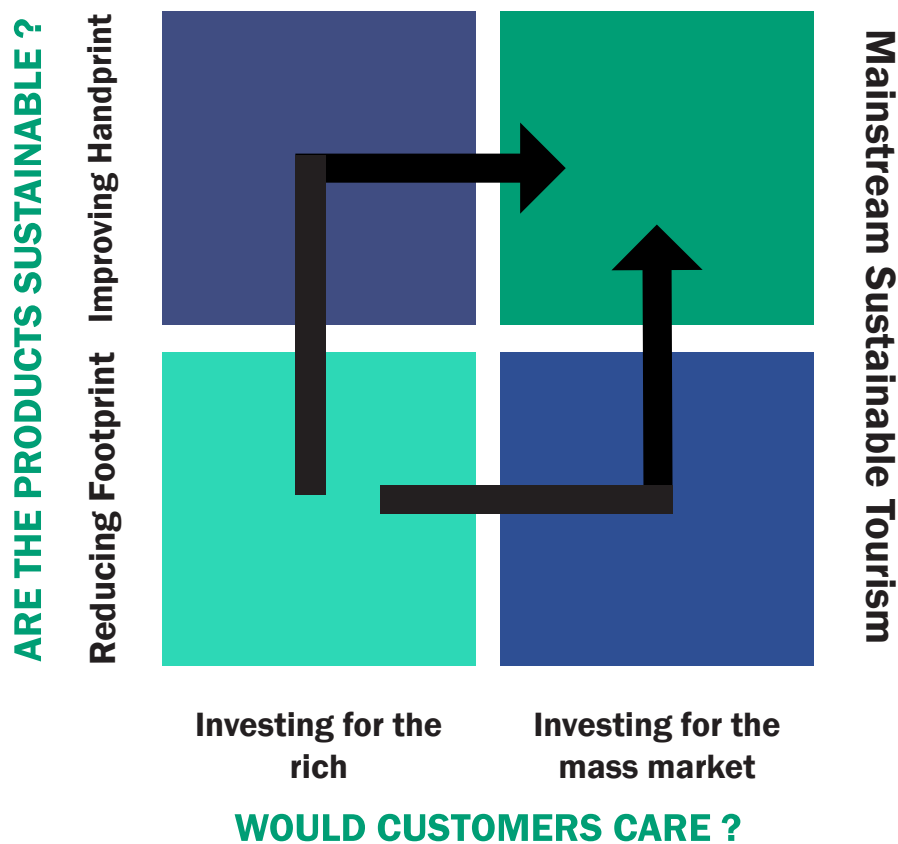
Expected Outcome
Defined pro-handprint
innovation and
improvement targets

Expected Outcome
Developed or improved
pro-handprint products
or measures

Expected Outcome
Developed MauPHI
innovation ideas and
action plan

Mainstreaming Sustainable Tourism

HANDPRINT V/S FOOTPRINT



Tourism generates positive but also negative impacts.

Footprint concept connotes negative impacts that come from tourism products, services and activities, such as high energy and water consumption, GHG emission, waste generation etc.

Handprint concept deals with positive and value adding impacts of tourism products, services and activities (e.g., increased local community prosperity, culture and nature preservation, customers' awareness etc.).

By improving our products, services and daily operations so as to create positive impacts to the environment, society and economy, we mitigate our negative impacts.

THE 4 STEPS

1. Define MauPHI Target



- MauPHI Criteria Pool
- “How-to-Flyers” (improvement guidelines) for key impact areas:
 - Community Development
 - Waste Management
 - Energy Consumption Management
 - Biodiversity Conservation

2. Generate MauPHI Ideas



- MauPHI Self-diagnosis Tool
- Best practice Cards & What if cards
- Good practices database



4. Measure MauPHI Impact



- MauPHI Impact Measurement Tool
 - Tracking of progress
 - Responsibilities
- MauPHI Communication Tool

3. Impl. MauPHI Actions



- MauPHI Impact Measurement Tool
 - Prioritization of measures
 - Suggested KPIs



Supporting Tourism Sector Through Green Financing



GREEN FINANCING IN MAURITIUS

GREEN FINANCE

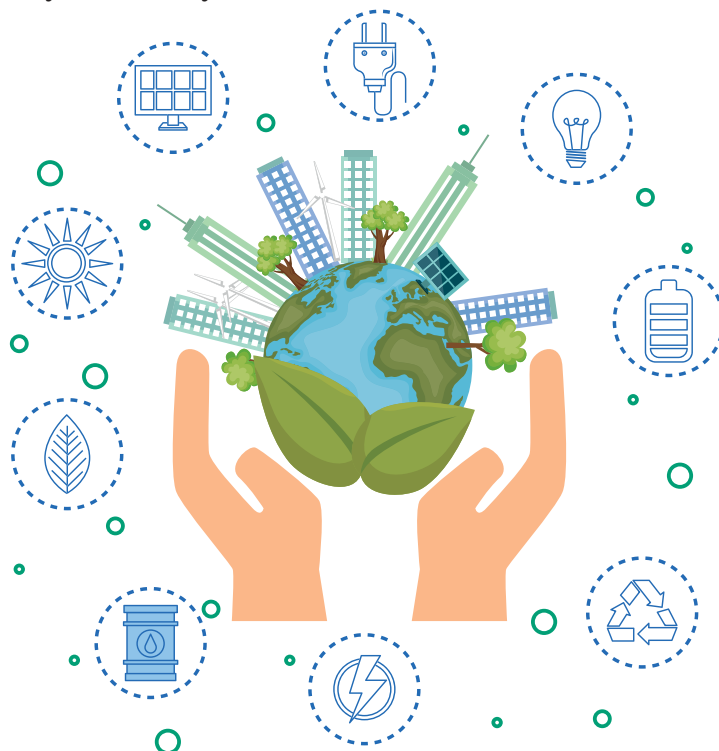
Green finance is any structured financial activity that has been created to ensure a better environmental outcome.

Investment and financing play a pivotal role in supporting the transition to low-carbon, resource-efficient and socially inclusive tourism development. Tourism is a cross-cutting industry with wide impacts on sectors including transport, buildings, agriculture and trade. Greening the tourism sector allows tourism growth, environmental conservation, and social well-being to be mutually reinforcing – with green tourism creating new, green jobs, supporting the local economy and reducing poverty.

A wide range of green investment opportunities are available to address greater sustainability in tourism, including project financing for green buildings, water management, waste management, energy-efficiency transition, biodiversity, and cultural heritage. While new investment and financing instruments do not necessarily need to be created for sustainable tourism, tourism projects need to be better connected with existing green financing instruments.

Further activities that can be addressed are:

- Climate change mitigation or adaptation
- Sustainable use of resources (water, marine land)
- The circular economy (increased recycling material efficiency, efficient waste disposal)
- Pollution reduction
- Protection of biodiversity and ecosystems



OPPORTUNITIES AND CHALLENGES FOR TOURISM SMES

OPPORTUNITIES

- SMEs are the backbone of the tourism industry and play a key role in the overall economic development in Mauritius.
- Green finance would enable SMEs to invest in green projects (e.g., reducing energy and resource consumption) that help minimize their impacts on the environment while reducing their operating costs
- It could enable SMEs to make their green project a reality while benefiting from other advantages (e.g., brand recognition and improved reputation)
- In some cases, financial institutions do offer competitive interest rates to SMEs through green finance.

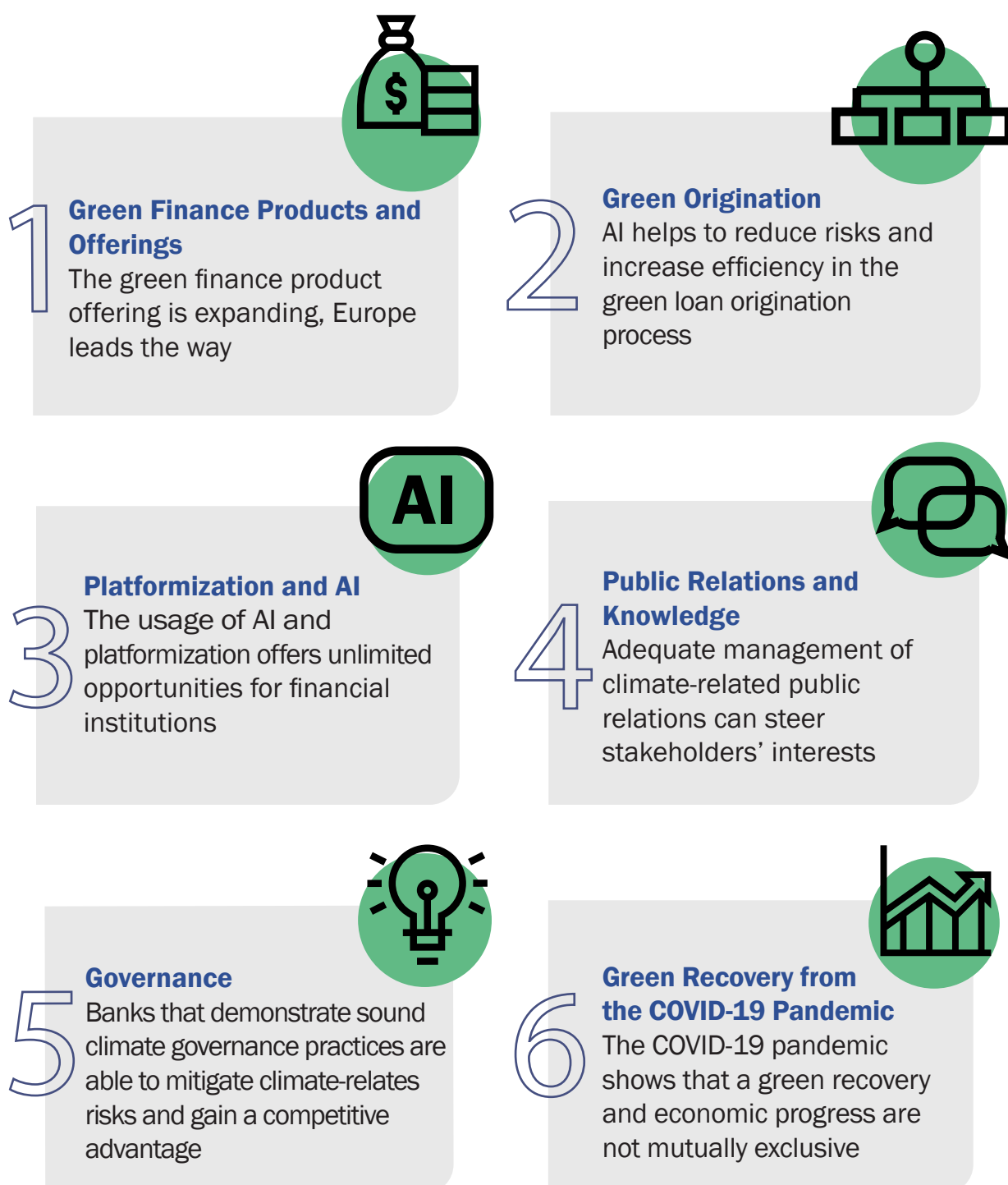
CHALLENGES

- SMEs' owners in Mauritius lack adequate awareness on green financing and on executing green projects.
- Lack of human and financial resources causes SMEs to overlook environmental and social impacts that their business decisions may have.
- Larger initial capital costs required, risks associated with investing in and implementing green projects and unfavourable financing terms
- Inadequate regulation and policies on green finance that do not cater for the specific SME needs.
- Available incentives and products often ignore the life stages of SMEs, especially start-ups and are thus not tailored to their specific investment needs.

OPPORTUNITIES FOR FINANCIAL INSTITUTIONS

BENEFITS FOR FINANCIAL INSTITUTIONS

- Improved reputation and enhanced stakeholder reputation
- Provision of technical expertise and advisory services
- Broader risk management extending beyond conventional credit and interest rate risk which promotes a holistic approach towards credit assessment as both financial and non-financial elements are taken into account
- Increased opportunity to tap in to new markets that are both financially viable and eco-friendly
- ESG and green finance





Improving access to Green Finance





BE THE CHANGE !

Protection of the environment is inseparable from our lives and our success. At MCB, we believe that sustainable development should be supported and encouraged to benefit our planet and the generations to come. For businesses working towards achieving a positive impact, we offer funding to foster sustainable development via our **MCB Green Loan Scheme** and our **Lokal is Beautiful Scheme**.

More info on **(230) 202 6060** or visit us at **mcb.mu**



MCB GREEN LOAN

MCB Green Loan is the result of a collaboration with the Agence Française de Développement (AFD) to finance climate change mitigation/adaptation and gender equality projects. The scheme provides loans facilities at a preferential rate with an investment grant of up to 16% of the facility amount offered on completion of the respective project.



LOKAL IS BEAUTIFUL

Lokal is Beautiful Scheme is a financing solution offered exclusively to local SMEs operating in the Manufacturing, Bio Farming, Agriculture, Waste Management, Recycling, Service and Technology sectors. The scheme, available at a lower interest rate, can finance projects as from Rs 100,000. It has convenient disbursement and repayment plans and provides a moratorium on capital repayment for the first year.

Together, let's build a better future for our island.



Ecolan Giving SMEs a sustainable edge

In this era where eco-friendliness and sustainability are key business considerations, investing in green projects can help boost a company's competitive edge, while improving its brand image, widening access to new international markets and minimising negative impacts on the environment.

SBM Bank (Mauritius) Ltd has partnered with the Agence Française de Développement (AFD) to provide financial and technical assistance to companies willing to move towards a more sustainable future. Any existing or new SME client applying for a loan to finance a green project in Mauritius can take advantage of the SBM Ecolan, with a grant ranging from 5% to 16% of the loan amount for eligible investments under the SUNREF 3 Scheme.

Product Features for SMEs

SBM Ecolan can be availed for projects falling within several categories, including climate mitigation, climate adaptation and gender equality. Below is a summary of the product features offered to SME clients under the SUNREF 3 scheme:

1. Climate Mitigation Projects (renewable energy, energy efficiency, green buildings, etc.)
2. Climate Adaptation Projects (water saving, sustainable agriculture, thermal insulation, treatment of wastewater & effluents, green buildings, etc.)
3. Gender Equality Projects

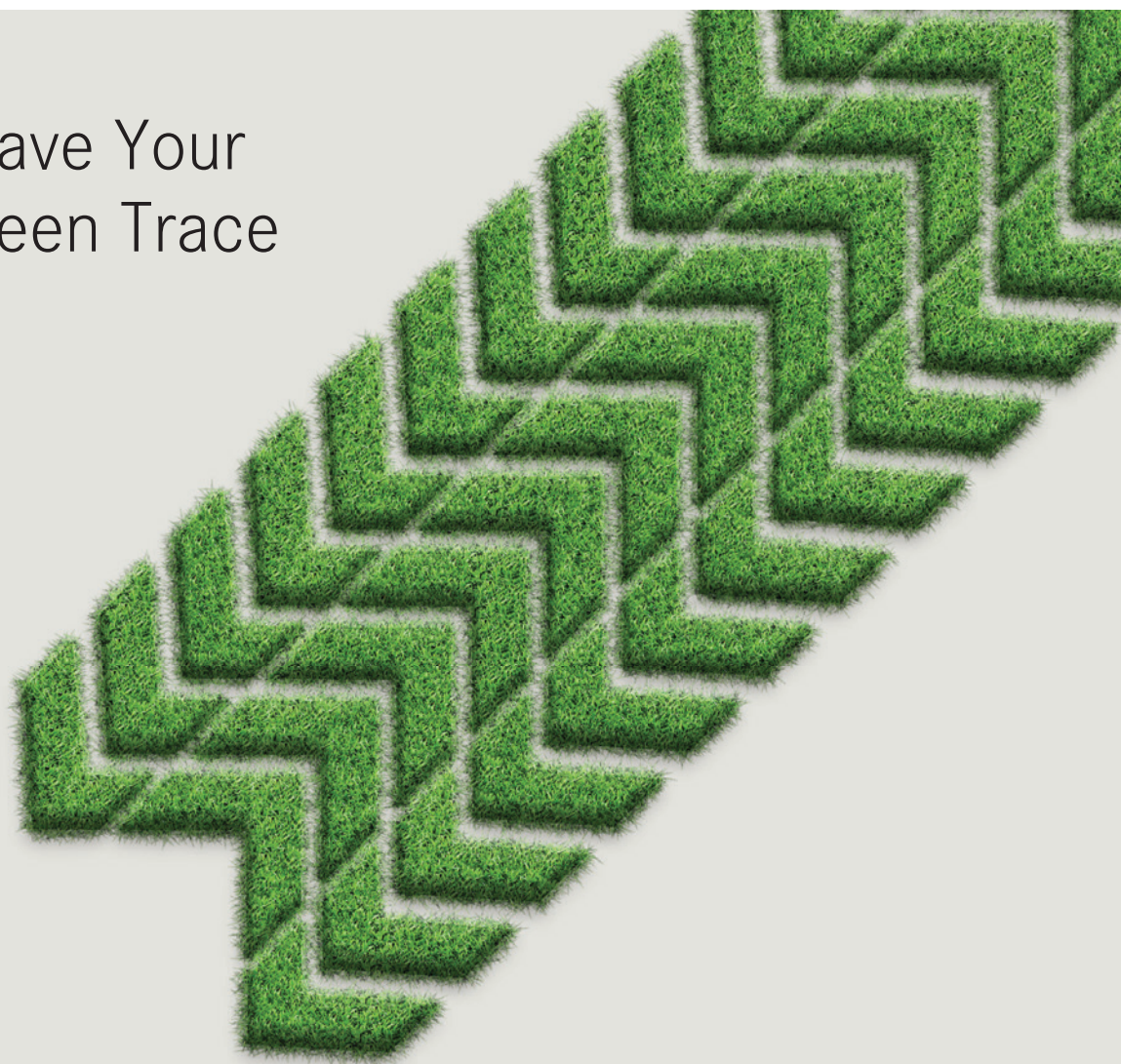
SBM Ecolan caters to different needs of business in terms of loan amounts, which range from MUR 100,000 with the maximum amount depending on the repayment capacity of the borrower or a sum equivalent to EUR 250,000.

Repayment is also flexible, from 48 months up to a maximum of 84 months, inclusive of a moratorium of up to two years on capital repayment. SBM Ecolan has been devised to be among the most competitive offers currently available on the market to cater to the needs of SMEs wishing to invest in green/sustainable projects.

Moreover, eligible projects can benefit from investment grants ranging between 5% and 16% of the loan amount, depending on the type of project.

Detailed information on SBM Ecolan is available on SBM's Website, www.sbmbank.com. SMEs/entrepreneurs wishing to invest in a green project can also reach out to dedicated SME desks available in all SBM branches across Mauritius and Rodrigues, or call on +230 207 0111.

Leave Your
Green Trace



Green Car Loan

*Sustainability has the power to drive change
for a different tomorrow*

**Specially designed for eco-friendly car choices, our
Green Car Loan offers an array of benefits for driving
the green way.**



Applicable only for Electric and Hybrid cars.

Terms and conditions apply. All loans are subject to credit risk approval.

AfrAsia Bank Limited is licensed and regulated by the Bank of Mauritius and the
Financial Services Commission.

afrasia@afasiabank.com | Tel : +230 208 5500
www.afasiabank.com | Mauritius | South Africa



HSBC has an ambitious plan to prioritise financing and investment that supports the transition to a net zero global economy – and helps to build a thriving, resilient future for society and businesses.

Our climate plan encapsulates the following three elements:

1. Supporting our portfolio of customers to make the transition
2. Unlocking climate solutions and innovation
3. Transforming HSBC into a net zero bank

In October 2020, HSBC set out its ambition to reduce emissions in its operations and supply chain to net zero by 2030, and to align the bank's financed emissions at clients portfolio level to net zero by 2050 or sooner.

HSBC Group expects to provide between US\$750bn and US\$1trn in financing and investment to support its customers across the world, to progressively decarbonise and help realise the opportunity for long-term, sustainable growth. In this regard, we have been working with customers in key sectors (garments, financial services, automobile,) to support their transition and together, we are identifying financing opportunities for green projects to ensure alignment with our commitment to transition to a net zero by 2050.

HSBC has voluntarily aligned our green lending proposition to the Loan Market Association's Green Loan Principles (the "GLP"), which aim to facilitate and support environmentally sustainable economic activity. The GLP set out a clear framework, enabling all market participants to clearly understand the characteristics of green lending, based around the following four core components:

1. Use of Proceeds
2. Process for Project Evaluation and Selection
3. Management of Proceeds
4. Reporting

HSBC's Green Activities will use the Eligible Criteria to guide acceptability in relation to 'Use of Proceeds' and 'Process for Project Evaluation and Selection'. Evidence provided to HSBC in relation to satisfaction of Eligible Criteria requirements will be required in a form and substance satisfactory to HSBC, and where relevant assessed by a reputable third party.

The Eligible Criteria are non-exhaustive and HSBC may require additional information to support selection and verification of Green Activities.

Green lending may be used to refinance existing facilities, where the original transaction or underlying asset can be evidenced as meeting the Eligible Criteria.

All loans are subject to status. Terms and conditions apply.



MauBank

Green Financing Schemes

Supporting sustainable development!

Solar
Panel



Solar
Water
Heater



Green Car
Lease*



- 100% Financing
- Interest as from 3.75% **

- Up to 78 month-repayment
- 3 month-moratorium

* Electric & Hybrid Vehicles | ** APR 5.67% p.a. | Terms & Conditions Apply | April 2022

<https://www.maubank.mu/green-financing-schemes/>



Le partenaire de votre progrès!



MauBank is an entity regulated by the BoM & FSC

Tourism Business Continuity Loan Scheme

| | |
|-----------------------|---|
| Max Amount | Rs 5M (May be increased to Rs 10 M on a case to case basis) |
| Interest Rate | 0.5% |
| Term | Maximum 7 years (Including 2 years moratorium) |
| Eligibility | Operators in the Tourism Sector |
| Purpose | Renovation of Premises, Purchase of Equipment & Working Capital |
| Mandatory Requirement | Registration with Tourism Authority |

Loan Scheme for Distressed Enterprises

| | |
|---------------|---|
| Max Amount | Rs 10M |
| Interest Rate | 0.5% |
| Term | Maximum 7 years (Including 2 years moratorium) |
| Eligibility | Distressed Enterprises/Cooperatives affected by COVID-19 and enterprises in the SME Sector |
| Purpose | To meet Restructuring cost, Investment in New Equipment, Digitalization of Operations, Transfer of Technology Cost and Financing of Working Capital |
| Criteria | Turnover up to Rs 100M |

Car Wash Operators Loan Scheme

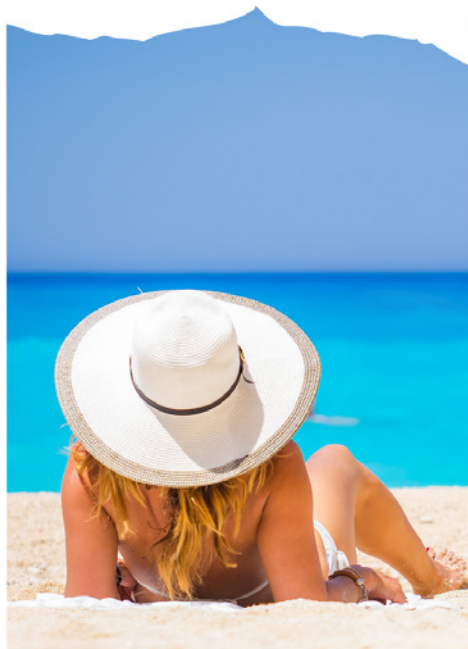
| | |
|---------------|--|
| Max Amount | Rs 1M |
| Interest Rate | 3.0% |
| Term | Maximum 7 years (Including moratorium up to 1 year) |
| Eligibility | Car Wash Operators |
| Purpose | Setting Up of System for Rain Water Harvesting Storage & Recycling |

Rain Water Harvesting Loan Scheme

| | |
|----------------|-----------------|
| Max Amount | Rs 50,000 |
| Interest Rate | 3% |
| Term | Maximum 5 years |
| Eligibility | Households |
| Target Sectors | Households |



FACILITIES OFFERED BY SME MAURITIUS



Indicative list for Operators in the Tourism sector



Technology and Innovation Scheme (TINNS)



- New machinery and process improvement Technologies

This covers low energy consuming machineries and any other process improvement equipment.

- Anti-pollution, Green and Energy conservation technologies

This covers equipment aiming at the Elimination of industrial emissions, Recycling and waste management or introduction of Solar UV panels etc.

- Water treatment/recycling mechanisms

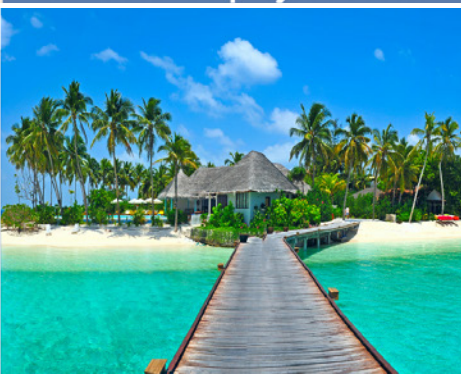
This covers items such as Wastewater treatment equipment to encourage the reuse of water and avoid wastage.



SME Mauritius has set up a plethora of schemes to encourage SMEs to Go Eco.

The grants available are up to a maximum of 80% of the project component with a threshold which is determined by two main parameters of the applicant, namely:
a) Sales/Turnover
b) Number of Full-time employees

The Entrepreneur contributes only 20% of the approved itemised and detailed project costs.



SME Marketing Support Scheme (MSS)



- Cost related to development of e-catalogue
- Design works relating to Marketing and development of Marketing tools including social media
- Administrative costs relating to online presence on a recognised international selling platform

Contact us

202 0040

www.smemu.com

FOLLOW US!



ELIGIBILITY

- Be a duly registered SME
- Have an annual turnover not exceeding Rs 50 million
- Be engaged in any legal value creating economic activity except pure trading
- Hold a valid trade license

Entrepreneurs engaged in business activities where there is no perceived value creation, such as, pure import, retail sales of products/foodstuffs, Victuallers, General retailers do not qualify.



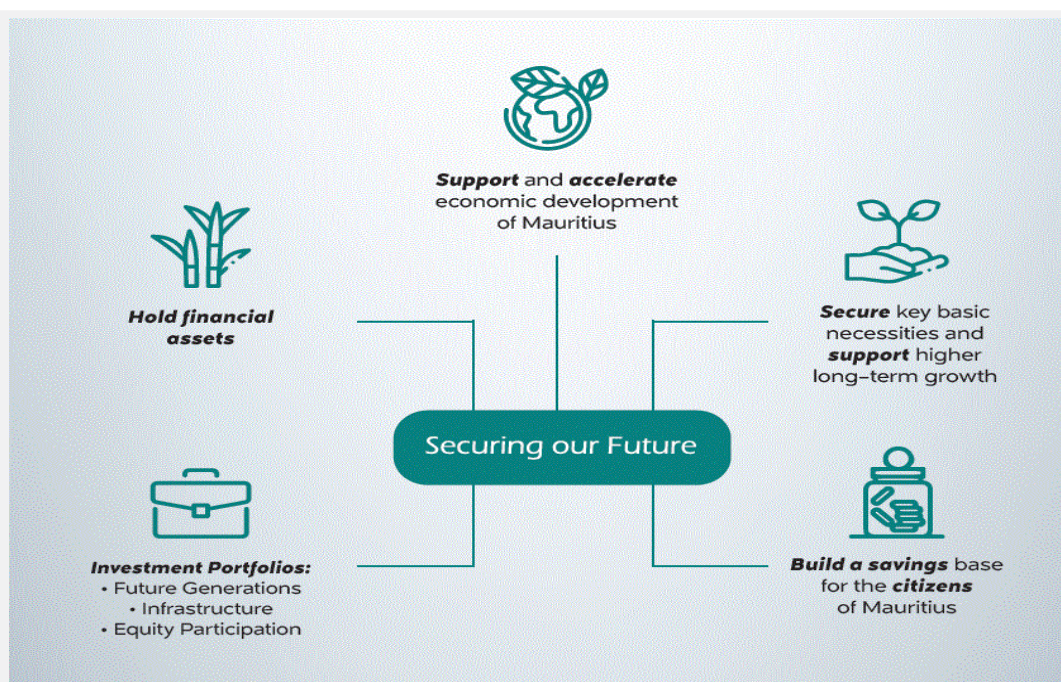
SME Utility Connection Assistance Scheme (UCA)

Example for installation of a bio farming system on site

- Cost for pipe laying & fittings (max diameter 75mm)
- Cost of a water reservoir (max capacity 10,000Lt)
- Cost of connection to any source of renewable energy



A strategic **accelerator** building **sustainable economic development** and **long-term economic resilience**



“ The MIC is aligned with Government’s economic strategy for a **diversified economic base** across a number of sectors in the country and promoting investments in **new manufacturing industries, renewable energy and critical infrastructure.** ”

Tel: +230 2145989

Email: info@mic-ltd.mu

www.mic-ltd.mu

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Innovation and Technology for Green Growth



HYBRID AND ELECTRIC VEHICLES

Hybrid and electric vehicles strongly contribute to reduction of air pollution, noise pollution and GHG emissions.

Hotels and tour operators can:

- Provide transfer services using hybrid or electric shuttles to and from hotels
- Shift to renewable energy to power their vehicles
- Acquire clean technologies to reduce GHG emission in daily operation


Environmental aspects & saving potential for SMEs

- Reduces energy consumption
- Reduces air pollution
- Improves air quality
- Enhances tourist experience

PROVIDER OF HYBRID / ELECTRIC VEHICLES IN MAURITIUS

LEAL ENERGIE LTD

 Leal Energie, Pailles, Port Louis

 +230 286 3600

 lserret@lealgroup.mu

 <https://www.lealgroup.mu/>

HYBRID OR ELECTRIC BOATS (Pleasure Crafts)

In Mauritius, pleasure crafts provide one of the most popular leisure activities for tourists, mainly for experiencing water-based activities (e.g., scuba diving, snorkeling, reef walking, undersea walking, cave sea kayaking, windsurfing, sea hover, sport fishing,). The availability of cleaner technologies such as electric propulsion engines for marine crafts represents an opportunity for greening the tourism sector. Operators need to shift to the use of renewable energy. This can be facilitated by the acquisition of new and clean technology (e.g., battery technology etc)

Pleasure craft operators can:

- Shift to renewable energy to power their boats
- Acquire clean technologies (e.g., electric propulsion, etc)


Environmental aspects & saving potential

- Reduces GHG emission
- Enhances tourist experience
- Protects vulnerable marine ecosystems
- Reduces noise pollution,
- Reduces water pollution (from wastewater discharge) or other pollution due to solid waste (packaging)

PROVIDER OF HYBRID / ELECTRIC BOATS IN MAURITIUS

LEAL ENERGIE LTD

 Leal Energie, Pailles, Port Louis

 +230 286 3600

 lserret@lealgroup.mu

 <https://www.lealgroup.mu/>

ELECTRIC BIKES

We believe in cycling and other electric cycles because they are in the age of time, because they have ecological value and are economical to use. We believe in electric mobility because it answers our expectations for our daily journeys. We believe in this light mode of transport because it does not require great physical fitness, as the electric motor allows almost everyone, regardless of age, to move while taking in the air, enjoying the landscape and without noise.
- *Fun Bikes, specialist of electric Fat Bike (big wheels bikes) in Mauritius.*

Hotels and tour operators can:

- Offer rentals of e-bikes and e-scooters to promote green mobility

Environmental aspects & saving potential


- Enhances tourist experience
- A time-saving mode of commuting
- Reduces noise
- Reduces air pollution

FUN BIKE MAURITIUS

 Royal Road, Palm Springs Complex, Pointe aux Canonniers, Mauritius

 +230 5455 0571

 funbikemauritius@gmail.com

 www.funbikemauritius.com

E-SCOOTERS

Electric bikes and scooters are a sustainable means of transport which promote physical distancing and enable greater accessibility to different locations.

Provide e-bike and e-scooter rental options to promote sustainable transportation (be sure to provide helmets for guests).

Hotels and tour operators can:

- Offer rentals of e-bikes and e-scooters to promote green mobility

Environmental aspects & saving potential

- Enhances tourist experience
- A time-saving mode of commuting
- Reduces noise
- Reduces air pollution

PROVIDER OF E-SCOOTERS IN MAURITIUS

BROTHERS MOBILITY LTD



Les Beauhinnias, Beau Plan, Pamplemousse
Beau Plan MU, 21001, Mauritius



+230 5840 4602



info@brothers.mu



<https://www.brothers.mu/>

ELECTRIC SCOOTERS, ELECTRIC BIKES, MOBILITY SCOOTERS AND MINI EBIKES

Gäupems Mobility Ltd is specialised in micro-mobility, that is proposing smart mobility alternatives (like e-scooters, e-bikes..) to commute efficiently, faster, and eco-friendly, particularly for short distances trips and in high-congested areas. This system is regarded as a worldwide modern trend as it lowers environmental footprint and noise pollution, avoids parking issues, increases access to public transportation like Metro (multimodal commuting – using an ‘e-trottinette’ to go at the Metro Station, instead of using personal car), thereby reducing reliance on cars – all while being cost effective. This also includes mobility scooters for elders and individuals with physical disabilities and/or mobility problems.

Hotels and tour operators can:


- Explore and establish opportunities to promote green mobility

Environmental aspects & saving potential

- Enhances tourist experience
- A time-saving mode of commuting
- Reduces noise
- Reduces air pollution

GÄUPEMS MOBILITY LTD

 57, Royal Road, Belle Etoile, Coromandel

 +230 260 8989

 info@gaupems.com


RENEWABLE ENERGY

Mauritius Renewable Energy Agency (MARENA) is responsible to promote renewable energy and create an environment conducive to the development of renewable energy. They have the capabilities of determining the carbon offset through socio-economic tool and the return of investment through the use of LCOE tool. MARENA has carried out various studies with regards to the potential of different renewable energy sources and interested parties are welcome to contact us on same.

Environmental aspects & saving potential

- Integration of 60% Renewable energy (RE) in the electricity mix and phasing out of coal by 2030, will decarbonise the electricity sector and reduce our greenhouse gases emission.
- Renewable energy has been announced as a new economic growth pole in the last Budget Speech and this new sector has the potential for attracting more investments in Mauritius, reduce our imports of fossil fuels and create more jobs.

MARENA

 Level 1, Coaster Shed B Port-Louis Waterfront,
Port Louis MU, 11320

 +230 214 2222

 info@marena.org

 <https://www.marena.org/>

SOLAR PHOTOVOLTAIC (PVs) AND WIND SYSTEMS

Solar PV reduces electricity costs while greening the energy at the same time.

Hotels, restaurants, and tour operators can:

- Install a rooftop or a carport solar array
- Display any eco-labels or certifications acquired
- Hotels can produce a large part or all of their electricity from the sun or the wind.

Environmental aspects & saving potential

Reduced energy consumption e.g.,

- Reduces electricity consumption (savings on electricity bills)
- Reduces dependency on fossil fuels
- Contributes to the achievement of 35% renewable energy in the national energy mix
- Preserves the environment
- Solar PV and small scale wind systems reduces electricity costs while reducing the need for fossil fuels.

PROVIDERS* SOLAR PHOTOVOLTAIC (PVs) AND WIND SYSTEMS IN MAURITIUS

LEAL ENERGIE



Leal Energie, Pailles, Port Louis



+230 286 3600



lealenergiesales@lealgroup.mu



<https://www.ev-cars.org/about-us/>

JACEY GREEN TECHNOLOGIES LTD



4-6, Volcy Pougnet Street (ex-rue Madame), Port Louis



+230 210 8999 / +230 5509 2888



workshop@jacey.org



www.jaceycomputer.com

* This list contains only some of the providers of solar photovoltaic and wind systems in Mauritius and is not exhaustive

SOLAR HEATING AND COOLING TECHNOLOGY

Commercial refrigeration is one of the largest consumers of electricity in today's world.

SolarCool (Mauritius) Ltd is a company pioneering the use of clean, efficient and eco-energy solutions for the end user. We thrive for the perceptive usage of Solar Thermal Collection for both commercial and residential cooling and heating applications.

Our system allows our customers to make consequent energy savings and all this in an ecological way.


Hotels and restaurants can:

- Install low carbon, eco-efficient and climate friendly air conditioners

Environmental aspects & saving potential

- Reduces GHG emission
- Reduces energy consumption (savings on electricity bills)
- Enhances tourist experience

SOLARCOOL MAURITIUS

 +230 5919 0400

 www.solarcool.com

HIGH EFFICIENCY AIR CONDITIONERS (ACS)

In subtropical hotels, heating, ventilation, and air conditioning (HVAC) systems consume between 35% to 50% of electricity.

As Mauritius has a humid climate, American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) standards suggest maintaining the minimum airflow necessary to satisfy air quality and to reduce costly mold and mildew problem.

Hotels and restaurants can:

- Install low carbon, eco-efficient and climate friendly air conditioners


Environmental aspects & saving potential

- Reduces GHG emission
- Reduces energy consumption (savings on electricity bills)
- Enhances tourist experience

PROVIDERS* OF HIGH EFFICIENCY AIR CONDITIONERS (ACS) IN MAURITIUS

GRENELEC LTD


 4 Ernest Leclezio Lane, Stevenson Avenue,
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 grenelec@intnet.mu

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SOLARCOOL MAURITIUS

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*The list contains only some of the providers of high efficiency air conditioners in Mauritius and is not exhaustive

RECYCLING & WASTE MANAGEMENT STATIONS

BEM Recycling is specialised in the management and recycling of Waste of Electrical and Electronic Equipment (WEEE : i.e end-of-life refrigerator, television, printer, phone,...) and Glass Waste (bottles of wine, window panes,...) on the Mauritian market with a 'zero landfill' policy. The idea is to promote a green, circular and local economy within Mauritius by providing the best services in terms of waste management and by producing secondary raw materials (plastic pellets, glass cullet,...).


Activities proposed are as follows:

- E-waste Collection & Recycling Services
- Waste Glass Collection & Recycling Services
- Light slab using secondary raw materials (crushed glass, foam...)
- Light concrete using secondary raw materials (crushed glass, foam...)

Environmental aspects & saving potential

- The search for the relevance of a circular economy.
- The preservation of natural resources and the protection of the environment.
- The support for a local and social economy.

BEM Recycling

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71405, Mauritius

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 thierrymalabar@bemrecycling.com

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RECYCLING & WASTE MANAGEMENT STATIONS

We-Recycle was founded as an NGO in December 2016 with the mission to educate, to collect for recycling and to help shape policies, legislation and recycling programs that will help keep Mauritius clean and green. We remove recyclable plastics (PET, HDPE, LDPE, and PP) and aluminum cans from the solid waste stream so that less waste ends up in landfill and ultimately the ocean, resulting in a cleaner environment with less unsightly and unhealthy litter strewn around the island.

Our signature learning programme is delivered to corporates upon request. The training is tailored for employees and cleaning staff as well. The programme has been adapted for students and is delivered in secondary and tertiary institutions.

Environmental aspects & saving potential

- Collecting and preparing plastic for recyclers
- Collection from private and public bins located in Black River, Savanne and Plaines Wilhems
- Raising awareness through learning workshops and sensitisation campaigns throughout Mauritius

WE-RECYCLE

 1B, Les Kocottes, Old Post Office Road, St Pierre

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ROOM SENSORS & THERMOSTATS

A room sensor is an optional component of a heating/cooling system that measures the room temperature in which it is installed and transmits it via radio either to the thermostats or directly to the heating control system/AC. Thermostats with occupancy sensors adjust heating and AC temperatures. These room amenities can be connected to apps so guests can change settings remotely.

Hotels, restaurants and cafes can:


- Install rooms sensors and thermostats


Environmental aspects & saving potential


- Reduces energy consumption
- Saves operating costs
- Reduces GHG emission

VISIOTOUCH CO. LTD.

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 fibaro.mauritius@visiotouch.mu

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LIGHTING SENSORS FOR HALLWAYS & GARDENS

Hotels and restaurants are classic service enterprises that require a lighting atmosphere designed specifically to meet guests' or diners' needs. Installing lighting sensors can improve energy efficiency.

Hotels and restaurants can:

- Install highly energy efficient linear fluorescent lamps (LFLs), efficient luminaries
- Use electronic ballasts and/or configure adequate control systems

Environmental aspects & saving potential

- Reduces energy consumption
- Saves operating costs
- Reduces GHG emission

AUTOMATIC DOORS (KEEP COOL AIR INSIDE ROOMS)

Manually operated doors in hotels, restaurants and cafes when left open pose a major threat and can lead to increased power consumption costs. Automatic doors are more efficient and socially inclusive and can help prevent the spread of germs.

Hotels, restaurants and cafes can:

- Install automatic doors

Environmental aspects & saving potential

- Reduces Energy Consumption
- Helps with hygiene control
- Raise the design standards

BIOGAS DIGESTER

Biogas digester reduces the need to landfill solid waste and helps generate energy for own use.

Hotels, restaurants and cafes can:

- Install biogas digester to recycle their organic waste to produce energy

Environmental aspects & saving potential

- Reduces GHG emissions
- Solves waste disposal problems
- Energy self-sufficiency

SMART IRRIGATION SYSTEMS

Smart irrigation systems can help cut down on unnecessary water use.

Hotels, restaurants and cafes can:

- Install smart water irrigation systems.

Environmental aspects & saving potential

- Reduces energy consumption
- Saves operating costs
- Reduces GHG emission

AUTOMATED WATER USAGE AND EFFICIENT WATER TAPS

Efficient water taps can reduce waste water through aerators that decreases the discharge rate and the shut off time.

Hotels, restaurants and cafes can:

- Install aerators on bathroom sinks to reduce water usage
- Replacing standard toilets with low flow or dual flush versions
- Use of grey- or rain-water for toilet flushing
- Uninstall infra-red sensors, e.g. for taps

Environmental aspects & saving potential

- Reduces energy and water consumption
- Saves operating costs
- Reduces GHG emission

WASTEWATER TREATMENT FACILITY (WTF)/ SEWAGE TREATMENT PLANT (STP)

Sewage or wastewater from hotels and tourist facilities undergoes few treatment processes to remove solid and organic material before it is clean enough to be safely discharged into waterways. After treatment, the water can be reused for gardening or disposed of.

Hotels, resorts and holiday villages located far from wastewater treatment plants or landfill, can:

- Install WTF and STP

Environmental aspects & saving potential

- Reduces wastewater discharged to the environment
- Reduces water consumption (treated water can be reused for gardening)

SMART SHOWERS

Bathrooms account for about 30-40% of water consumption in hotels. Inefficient fittings can lead to 90 L/guest night being used for showers. Smart showers can save up to 80% of the energy needed to heat shower water.

Hotels can:

- Install smart showers

Environmental aspects & saving potential

- Reduces energy and water consumption
- Reduces water consumption



**The Tourism Authority is the recipient of the Silver Award
at the WTM Africa Responsible Tourism Awards 2022
in the category “Destinations Building Back Better
Post-COVID”**



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**An initiative of the Tourism Authority in collaboration with
the European Union to celebrate Operators applying
Best Sustainable Practices**