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After the successful launch of the MDBC Sustainability Awards (MSA) last year, we went and did it all over again. It was our pleasure to present to our members the MSA'12! And thanks to the participation from the members, the judges who lent their wisdom and the help and support that we got from sponsors and so many others, we're happy to say that we've had another successful MSA!

The MSA was created to acknowledge, showcase, honor and reward the outstanding Best Practices of MDBC member companies. It is in line with the efforts of the MDBC and the Netherlands Embassy over the past years to be involved in events and share information on CSR, Corporate Governance, Green Technology, Sustainable Development and more.

As soon as the inaugural MSA was over, we continued to work on the concept, categories and criteria. Knowing that we wanted to continue developing the MSA and build on what we had achieved last year, we decided that one of the things we had to do was to introduce new categories. This would ensure that different companies with a variety of specializations also had the opportunity to showcase and share their best

practices in sustainability. The award categories for this year were:

1. Best Corporate Sustainability related to Water

Water has and always will be an essential for life. It is therefore of great importance, especially now, to take responsibility.

2. Best Corporate Sustainability related to Waste Management

Waste Management can be improved in so many ways, such as the implementation of innovative technologies. One can think of the collection, monitoring, transport and more.

3. Best Corporate Sustainability related to Primary Commodities

Commodity production remains one of the greatest challenges for economic development, poverty reduction and global environmental stewardship, whether preventing loss of biodiversity, reducing environmental pollution and addressing the production of greenhouse gases, promoting rural development or strengthening governance. Recent changes in market conditions combined with an increased awareness among consumers, industry and civil society have given rise to unprecedented opportunities for leveraging supply chain actors towards

a comprehensive vision for sustainable commodity production and trade.

4. Best Sustainability Project by an SME.

Within this category, SMEs (members and non members recommended by members) had the opportunity to highlight a project which had a positive sustainable effect. All projects related to sustainability which take place in Malaysia or were related to Malaysia were eligible for consideration.

Keeping with the same format of a day and evening program, this year's MSA was held at the Crowne Plaza Mutiara Kuala Lumpur. Once again, the independent, expert panel of judges in the MSA led by Chief Judge, H.E. Paul Bekkers (Ambassador, Embassy of the Kingdom of the Netherlands to Malaysia), evaluated the projects for consideration with the following criteria:

- Uniqueness, Innovativeness and Originality of the project
- Impact of the project on the stakeholders (qualitative / quantitative, short – term / long – term)
- Sustainability of the program (People, Planet, Profit)
- Efficiency and effectiveness of the project
- How and to what extent the project is being communicated and reported (internally and externally)
- Project Management (planning, control, assurance and improvement)
- How easy it is to duplicate the project

Our sincere thanks goes out to the companies that participated in this special event and to the judges for their time and wisdom.

YB Dato' Sri Peter Chin (Malaysian Minister of Energy, Green Technology and Water), H.E. Paul Bekkers (Ambassador, Embassy of the Kingdom of the Netherlands and Chief Judge of the MSA), Dato' Jaffar Indot (Chairman, MDBC) and representatives from the shortlisted finalists in this year's Sustainability Awards.





IN HIS WELCOMING SPEECH AMBASSADOR PAUL BEKKERS COMPLEMENTED PARTICIPANTS OF THE MSA'12 FOR THEIR INGENUITY AND CREATIVITY AS DISPLAYED IN THEIR PROPOSALS. IN ADDITION, BY GIVING SOME CREATIVE ILLUSTRATIONS, THE AMBASSADOR SHOWED THE STRENGTH OF INNOVATION IN THE NETHERLANDS.

**HIS EXCELLENCY PAUL BEKKERS
NETHERLANDS AMBASSADOR,
CHIEF JUDGE
MDBC SUSTAINABILITY AWARDS 2012
2 NOVEMBER 2012**

It has been an honor and a pleasure for me to again be the Chief Judge of the MDBC Sustainability Awards (MSA). Once again, I was impressed by the quality of all the proposals which were submitted for the MSA, including those from companies who did not make the shortlist. The dedication and commitment of the companies and their representatives was clearly evident.

The other day my son showed me pictures of this large, meters deep, miles long plastic garbage belt floating on the ocean. I'm sure a lot of people have heard of it, it's a sight that is quite depressing. I must say, being witness to the ingenuity and creativity shown by the participants of the MSA

was uplifting and it makes me believe that it is possible to solve this problem.

The Netherlands too has had to be innovative. We are a small country, the Netherlands is actually the size of Pahang, 1/8 of this beautiful country Malaysia. We're probably one of most densely populated countries in the world and natural resources are scarce. So we have had to be innovators and innovative for decades if not centuries.

Recently, the Netherlands formed a new government and this new government stresses the importance of sustainability in general and wind and electric energy specifically. The quest for sustainability has driven innovation, resulting in new products and business opportunities. Allow me to mention 3 examples. The first example is wind energy. Wind energy is still very costly. In close cooperation with

energy companies and the offshore sector in a public, private partnership, innovation is stimulated in order to lower the cost of this promising sector. There will be more initiatives to make the transportation of energy from various locations at sea, less expensive.

Also being supported is electric transport. Here again, government and administrators work together to increase facilities for electric mobility, we call it Formula E. This means that government, the corporate sector, civil society, knowledge institutions join together to make this happen. In many Dutch cities, public transport is already based on electric buses and trams.

By 2020, we target to have 200,000 electric cars and by 2025, 1 million electric cars. How do we encourage people to buy electric cars? One is by tax incentives. In the Netherlands if you buy a new car, you pay 40% in tax. Tax on electric cars will be much lower, if not zero. Another way is by expanding the network of charging points.

Also on our quest for sustainability, is biomass. In the Netherlands there is an increased use of biomass, as long as it is coming from a guaranteed, sustainable source. Palm oil is one of those sources so there is likely to be continued cooperation between the Netherlands and Malaysia on this road towards a sustainable future.

MSA'12 JUDGES

Building on the success of last year's MDBC Sustainability Awards, it is with much pride and pleasure that we present to you this year's distinguished panel of judges. Each category featured two independent judges led by the Chief Judge, Netherlands Ambassador Paul Bekkers.

CHIEF JUDGE: H.E. PAUL BEKKERS



H.E. Paul Bekkers has been the Netherlands Ambassador to Malaysia since 2009. Having studied Law (LL.M.), Economics and History before joining the diplomatic service, the Ambassador has been stationed in Ghana, Zaire, South Africa and Turkey.

He has a variety of responsibilities in the Hague, most recently as Director for Health, Gender and Civil Society as well as Special Ambassador for HIV / AIDS.

CATEGORY 1: BEST CORPORATE SUSTAINABILITY RELATED TO WATER

Dato' Ir. Hj Keizrul Abdullah
Chairman, Malaysian Green Tech Corp

Dato' Keizrul has been involved in water and water resources engineering for the past 37 years. He is President of the Netherlands Alumni Association Malaysia and past President of the Institution of Engineers Malaysia.



Mr. Rahul Colaco
Managing Director, Dutch Lady Milk Industries

Mr. Colaco brings with him 16 years of experience in Marketing, Supply Chain and Finance, primarily in fast moving consumer goods. Mr. Colaco also worked at Unilever and KPMG.



**Alternate Judge:
Ir. Lee Loke Chong**
Chief Engineer, Ekovest - MRCB JV

Mr. Lee is an engineer with extensive experience in flood mitigation, irrigation and drainage projects as well as agricultural development.



CATEGORY 2: BEST CORPORATE SUSTAINABILITY RELATED TO WASTE MANAGEMENT

Tan Sri Dato' Dr Michael Yeoh
Co Founder & CEO, ASLI

Tan Sri Michael Yeoh's 30 years of management includes over 10 years of experience in the Financial Sector. In February, he was appointed by the Prime Minister to be on the Advisory Board of the Anti Corruption Commission (MACC).



Dato' Henry Barlow
Board Member, HSBC Bank & Sime Darby

Dato' Barlow is on the grievance committee of the Roundtable on Sustainable Palm Oil (RSPO) and since 2009, has been the joint chairman of its Biodiversity Technical Committee.



CATEGORY 3: BEST CORPORATE SUSTAINABILITY RELATED TO PRIMARY COMMODITIES



Dato' Saw Choo Boon

Board Member, Shell Malaysia /
Chairman, Guinness Anchor Berhad

Dato' Saw is a member of PEMUDAH,
a council member of FMM and a board
director of the Socio - Economic Research
Centre (SERC).



Mr. Darrel Webber

Secretary General, RSP0

Mr. Webber joined the RSP0 as Secretary
General in January 2011. Prior to that,
he was a Senior Associate of Global
Sustainability Associates, a role which
required him to provide counsel about
agricultural development.



Alternate Judge:

Mr. Tham Sing Khaw

Managing Director, LMSC Global

Mr. Tham was previously Deputy CEO
to the Malaysian Timber Council. He
was also the former Director of the MTC
European office in London for 12 years.

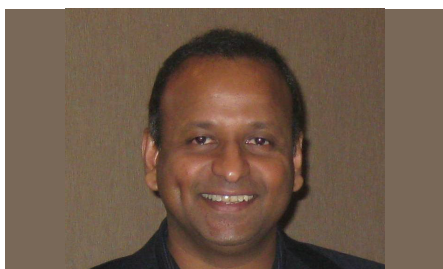
CATEGORY 4: BEST SUSTAINABILITY PROJECT BY AN SME



Mr. Ralph Dixon

Director, Environmental Investments YTL

Mr. Dixon has often pushed for
sustainability policies and accreditations.
He is a Trustee with the Malaysian AIDS
Foundation and acts as an alternate
Trustee for Reef Check Malaysia.



Dato' Praba Thiagarajah

CEO, Basis Bay

Dato' Praba ventured into the IT business
very early on and has close to 20 years of
experience in the industry. A firm believer
in sustainability, Dato' ensured that his
company adopted sustainable practices
becoming a Green IT provider.



MSA'12 DAY PROGRAM



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The MSA'12 Judges were all impressed with the high quality of submissions and presentations in this category. In this closely contested field, Lantec Far East emerged as the winner.

Lantec is a company that has specialized in environmental equipment and engineering for over 14 years. They offer comprehensive solutions and equipment for flood control projects, industrial waste water, sewage treatment and potable water treatment projects.

Lantec's focus is on creating value from water and waste and they offer solutions to the world's most complex water and wastewater treatment problems.

Since its inception, innovation through the introduction of proven technologies has been one of the main objectives of Lantec Far East. This is done in partnership with the technology providers that Lantec co-operates closely with and after careful review of the project and market requirements.

Over the years, Lantec has successfully introduced and implemented numerous technologies, always keeping technology transfer and localization at the forefront. For this project, Lantec successfully developed, transferred and applied in Malaysia the latest surface aeration technology for waste water treatment. This project was done in co-operation with a renowned consultant in the Netherlands.

The main energy consuming part in most biological waste water treatment plants is the aeration process. It is important to ensure an optimum biological treatment with the lowest possible energy consumption.

After careful review of the situation with regards to surface aeration technologies applied in Malaysia, it became clear that there was an important opportunity to introduce the latest development into the market combined with local manufacture of the equipment.

Lantec concluded that up to that moment, the majority of the surface aerators applied in Malaysia were either fully imported or were outdated aerator designs, often without proper design backup and lacking guar-



YB Dato' Sri Peter Chin handing the winner's plaque to Lantec Far East Director Cornelis Spaapen. In the background are Ir. Lee Loke Chong (Chief Engineer, Ekovest & MSA Judge) along with H.E. Paul Bekkers.

anteed performance criteria. In response to the Malaysian requirements, Lantec developed the "ASTROX", a low speed vertical shaft surface aerator complete with the application know how that is required to optimize the aeration system. The first units were successfully installed in Malaysia in 2006.

The Astrox low speed surface aerator technology has now been applied in many waste water projects in Malaysia and is fully manufactured locally. Export markets for this project have also been successfully established.

The Astrox low speed surface aerator is a versatile technology and can satisfy aeration requirements in different biological processes such as: complete mix basins, plug flow systems and lagoons. Both municipal sewage treatment plants and industrial waste water treatment plants can benefit from the highly efficient Astrox surface aerator.

In Malaysia, the majority of applications have been for domestic sewage treatment plants with a few industrial applications such as for leachate treatment.

One of the main benefits of the Astrox low speed surface aerator is the ease of maintenance and reliability of the equipment. The location of the aerators makes for direct access by the operator without the need to empty treatment tanks, hence allowing for easy inspections.

The Astrox has proven to be of robust design and very low maintenance. This is important to ensure a high oxygen transfer rate over a long period of time which is relative independent of external factors. This assures that the heart of the treatment plant (the aeration system) is always in op-

eration so that the required effluent standards can be met.

The Astrox also has a high mixing capacity. It is important that sufficient mixing energy is available in the aeration basins in order to avoid the settling of the bacteria. The zone of influence and mixing capacity of the Astrox aerator have been carefully taken into account during the design and testing of this system. This translates to improved propulsion ability for the Astrox. For certain applications, the propulsion ability of the aerator is of great importance to ensure an appropriate velocity of the waste water in the treatment channels. This means that not only is the Astrox more efficient, but also more effective.

The introduction of the Astrox aerator has had a positive effect on the business activities of Lantec Far East both in domestic Malaysian sales activities as well as for export.

Fully manufactured in Malaysia, the Astrox results in important savings in production costs and transportation. Since the surface aerators are quite sizeable (up to 3 meters in diameter), the transportation costs could be in excess of 10% of the product costs, but this has been drastically reduced with local production.

This successful formula of technology transfer combined with local manufacture is now being applied to other waste water treatment technologies such as equipment for river cleaning.

In the end, the judges based their final decision primarily on already proven initiatives with big impact and high scalability. While big innovation is important, sometimes small innovation can be proven to be effective as well.



Winner of the MSA'12 Best Corporate Sustainability related to Waste Management category, Bell Group of Companies is an established palm oil milling company with upstream processing of crude palm oil and downstream manufacturing of soaps, toiletries, skincare, haircare and cosmetic products.

The Group processes about 2.5 million m/t of fresh fruit bunches annually, equivalent to 100,000 hectares of oil palm plantation. They own and operate 7 palm oil mills in Malaysia and one in Indonesia.

In 2006, Bell Group created a paradigm shift from an independent Palm Oil Miller to a Green Independent Power Producer, applying technology to biomass and biogas digester which revolutionised the palm oil industry.

Bell Eco Power undertook the combined biogas and biomass power project for renewable energy, the first CDM certified independent green power plant in the palm oil industry.

The main objective of the Bell project was the conversion of waste to energy whilst reducing greenhouse gas emissions in the process.

The project had two GHG reduction components:

1. Prevention of methane emissions by treating Palm Oil Mill Effluent (POME) in closed anaerobic digesters and,
2. By supplying renewable energy to a grid which is fed predominantly by fossil fuels.

The extraction of crude palm oil from the fresh fruit bunches produces huge quantities of waste, both solid (empty fruit bunches, palm shell and fiber) and liquid POME. POME is highly acidic and has a very high biochemical oxygen demand, thus needs to be treated first before it can be safely discharged.

85% of palm oil millers in Malaysia solely use pond systems due to low cost and ease of operation to handle POME. While this is regarded as a more economically viable alternative to mechanical desludging, it means that POME is still one of the country's major sources of aquatic pollution and the cause of considerable environmen-



YB Dato' Sri Peter Chin handing the winner's plaque and painting to Oluchi Chiazor (Junior Engineer, Bell Group of Companies). In the background are Dato' Henry Barlow (Board Member, HSBC Bank & MSA Judge) along with H.E. Paul Bekkers

tal problems due to the methane gas related into the atmosphere with the utilization of the open pond system.

In the wake of environmental challenges that are linked to the palm oil industry, and in order to work together with international organizations on global climate issues, Bell pushed beyond their industry's boundaries to aim for zero carbon footprints and zero waste.

Using a variety of energy technologies available, they operate their facilities efficiently to recover the energy stored in the waste obtained from the palm oil milling process. They installed new enclosed anaerobic digesters in their mill. These tanks are used to recover methane from the POME and the gas is utilized for electricity generation thereby recovering biogas and reducing green house gas emissions. This allows Bell to supply renewable energy to the national grid.

The entrapment of methane from POME is not the only source of renewable energy they supply. The huge quantity of solid waste is also an important contributor. Traditionally, the solid waste (consisting of palm kernel shell, mesocarp fiber and empty fruit bunch fibers) are used as fuel for boilers which supply steam for the mill.

At Bell's biomass plant, they use the steam to generate renewable energy which is supplied to the national grid. The solid waste (ash) resulting from the combustion of the fuel in the boiler is then used as fertilizer and the gaseous waste is treated to be environmentally compatible before being released into the atmosphere.

This means that the palm oil milling sector is not only able to achieve maximization of revenue and zero waste control, it has the

capability to establish an integrated value added downstream industry which utilizes steam and power from the co-generation plant for high value activities.

Unwanted waste has now become essential income generators. The liquid and solid waste from palm oil production can be used as a consistent, non - contaminated feedstock for both Biogas & Biomass Green Power Plants. Palm oil mills can be transformed into Green Independent Power Plants and operated as a Center of Energy Efficiency.

In upgrading their palm oil mill into a green power producing center, Bell also contributed the following social, economic and environmental benefits, as well as technological benefits:

Social benefits

- * Providing new employment opportunities for the local population
- * Increasing local businesses such as transportation, maintenance, parts supplies, food and other services
- * Improving the technical skill sets of the staff in the plant

Economic & Environmental benefits

- * Decreasing the country's dependence on fossil fuels

- * Improving the local economic activity

Technological benefits

- * Working in tandem to meet Malaysia's Ninth Plan target of 350 MW from renewable energy
- * Establishing an efficient, higher energy generation system than that currently being used in the palm oil industry locally

Ultimately, the judges in this category chose Bell as the winner based on the overall potential waste impact while also taking into consideration the strength of the Malaysian participation.



In a category where the judges felt that all three shortlisted companies had unusual and creative initiatives which had the potential for far reaching implications on sustainability and even to change the practices of government to be more sustainable, Sime Darby Holdings emerged as the winner.

Sime Darby Group is one of the world's largest listed palm oil companies, producing about 2.4 million tonnes or 6% of the world's crude palm oil (CPO) output annually. Being a key player in the palm oil industry, Sime Darby recognizes the importance of balancing economic performance with social responsibility and environmental conservation. It strives to achieve this by leading sustainable agricultural practices in the industry.

Sime Darby Plantation has a mature culture of research and development that aims to improve their performance while reducing the environmental impacts of their operations. They have helped to develop and pioneer agricultural practices which are synonymous with sustainable palm oil, including:

- * Being the first to commercially introduce zero burning, a practice that helps preserve and restore chemical balance and fertility of soil while reducing greenhouse gas emissions.
- * Employing integrated pest management which is a sustainable alternative method in place of hazardous substances.
- * Ensuring the sustainable use of land areas by adopting appropriate measures for managing soil and water, peatland areas and high conservation value areas.
- * Adopted alternatives to paraquat and stopped the use of it in all operations due to the potential harmful effects to the environment, health and safety.

These practices allow the use of chemical pesticides as well as the associated adverse environmental and food chain impacts to be reduced. Soil and water management as well as peatland management help minimise the impact of droughts and floods, optimised the utilization of rain and surface water and maximised the utilization of effluents from the palm oil mills. This in turns minimizes the impact of saltwater incursion and acidity levels and minimizes the accelerated decomposition of dried



YB Dato' Sri Peter Chin handing the winner's plaque to Sime Darby Group's Head of Sustainability Reporting Mark Wong. In the background are Tham Sing Khoo (Managing Director, LMSC Global & MSA Judge) along with H.E. Paul Bekkers

peat and consequent carbon emissions and the risk of fires.

In business operations, 54 of 58 Strategic Operating Units in Sime Darby Plantation are Roundtable on Sustainable Palm Oil (RSPO) certified, which positions the company as the largest producer of Certified Sustainable Palm Oil (CSPO) in the world. Further to this, they have made great strides in ensuring the traceability and availability of sustainable palm oil through the value chain, and have made progress with the RSPO Supply Chain Certification System for their downstream refineries. In July 2010, Sime Darby Plantations sent their first shipment of 3,500 tonnes of traceable, fully segregated CSPO, which has increased to approximately 38,400 tonnes in 2011.

Additionally, the International Sustainability and Carbon Certification (ISCC) in selected operating entities now provides added recognition in their carbon practices. 66,755 tonnes of the crude palm oil by Sime Darby is ISCC certified.

Sime Darby also continuously looks for opportunities to add value to their agricultural products and by products. This can be seen from their initiatives on commercial composting and research on the potential of producing bioethanol from empty fruit bunches via hydrolysis - fermentation. These initiatives are aimed at reducing carbon emissions. Sime Darby Plantation has also embarked on developing biogas plant facilities to convert biogas (methane) captured from POME into electricity. They are currently exploring this opportunity, starting with a pilot biogas plant.

In 2011, Sime Darby took their first step towards managing climate change impacts by completing a baseline carbon inventory

covering all levels of upstream and downstream plantation operations. The 2009 calendar year was selected as the baseline year and carbon inventory was prepared in accordance with the Greenhouse Gas Protocol.

Sime Darby also engages and supports local communities as a part of their response to managing potential impacts on local communities where they have operations. They manage adverse impacts on local communities via a robust community engagement framework that ensures "Free, Prior and Informed Consent" is obtained.

In addition to that, in 2011, Sime Darby provided various forms of assistance to local communities in Indonesian estates providing access to clean and treated water, building materials, generator sets and education tools for students. Some of the initiatives have been ongoing for quite some time. Since the 1970s, Sime Darby has had several localised smallholder schemes, including Plasma, PIR LOKAL and KKP-GA which focuses on developing smallholder oil palm plots in Indonesia. In 2011, Sime Darby also initiated the concept of Smallholder Acceleration and REDD+ Programme (SHARP), a multi-stakeholder partnership working with the private sector to support smallholders in the palm oil industry.

All of this added up to a company that the judges felt was an organization that has shown leadership on sustainability in global terms which has a positive impact on their various stakeholders. They also felt that Sime Darby was one of the few companies in Malaysia that has extensive pioneering innovative practices in sustainability and governance, having adopted bold policies in furthering sustainability practices within their respective industry.



In what was considered by the judges as a tough category to assess due to the different types of submissions, Lariche Community was selected as the winner in the Best Sustainability Project by an SME category for this year's MSA.

Lariche Community is a fast growing social enterprise consultancy working to facilitate innovative and exciting multi-sector partnerships. The primary aim of their services is to raise the overall standards of engagement in the community for more meaningful and sustainable programs. Community Chest and U is a project that was started by Lariche Community founder Brian Lariche in 2000 to feed an HIV+ family. By 2008, the project had grown to feed over 400 people a month. Realizing that it was getting too big for him to handle personally, Mr. Lariche transferred the main program to his company and teamed up with Bangsar Village, the Village Grocer and Venusbuzz - an online portal targeted at



YB Dato' Sri Peter Chin handing the winner's plaque to Brian Lariche, Founder of Lariche Community. In the background are Ralph Dixon (Director of Environmental Investments, YTL Corp & MSA Judge) along with H.E. Paul Bekkers

women to start the collection at the Bangsar Village shopping centre.

The project now supplies food for 6 different NGOs. A wish list for each home is put up on a large board in the foyer of the shopping centre just outside the supermarket, the public is invited to buy non perishable items and drop it in a specially designed box located below the wish list. After a week, the items donated are tallied and the NGO is invited to come and collect the

items. The next wish list of a subsequent NGO is highlighted and the process starts again. These 3 partners also organize other linked events to the homes from time to time to thank the public for their support and help the NGOs get further public support. The Community Chest and U project resulted in a healthy return for all 3 parties involved.

The design is simple and easy to follow and anyone wishing to contribute can do so as per their financial ability, thus enabling a wide range of society to contribute back to the community. Though Community Chest does not fulfill all of the food needs of the homes, it assures them a steady supply of items which reduces their monthly bills. With the design of the program as simple as possible, the NGOs involved come every 6 weeks to collect their items causing minimal disruption to their daily work schedule. The project also includes an annual event where the NGOs who are a part of the program set up a booth in the Foyer of Bangsar Village to "thank" the community for their support. This event helps to market the NGOs further and garners additional support which includes individual financial support. Lariche Community also advises the NGOs involved on how to present themselves to the public and ensure that the NGOs selected have gone through a vigorous due diligence process. NGOs that do not meet these standards set by Lariche Community are dropped from the program after suitable warning and support.

For the judges in this category, the Lariche Community project was clearly one that was created and driven locally and built locally as well. They felt that integrity and the ethical value of projects is important. Sustainability is about incorporating all three pillars (community, environment and economy) into businesses and projects.

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BEST CORPORATE SUSTAINABILITY RELATED TO WATER:

Water has and always will be an essential for life. It is therefore of great importance, especially now, to take responsibility.

THE SHORTLIST



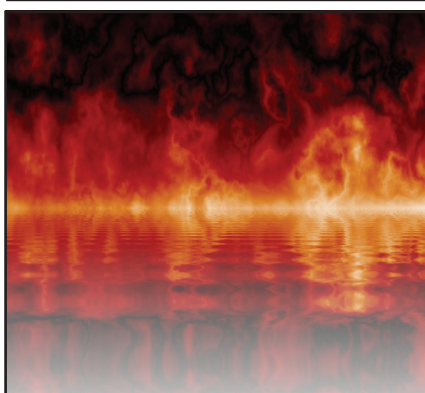
AQUAVER

Aquaver developed novel water treatment systems which are the next stage in energy efficiency: advanced products powered by waste heat. These are the world's first commercial products based on membrane distillation. The technology operates at a low temperature (60 - 80°C), which drastically lowers energy consumption. It also means it can be driven by renewable sources such as solar or waste heat from diesel generators. Aquaver systems are based on thermal separation, which ensures safe drinking water. Brackish, seawater or highly saline streams can be easily purified and the thermal nature of the process allows a truly one step process for water production with little or no pre - treatment. These systems also require minimal supervision and maintenance.



GUINNESS ANCHOR BERHAD

GAB Foundation in collaboration with the Global Environment Centre (GEC), embarked on a project to rehabilitate the Sungai Way river through its W.A.T.E.R. (Working Actively Through Education & Rehabilitation) project. They adopted a first of its kind approach, involving the community in the rehabilitation process. The W.A.T.E.R. project delivered an improvement in the river's water quality from Class IV - V (extremely polluted) to Class II (suitable for living organisms). Local fauna has returned and there is now a more vibrant eco-system in place. The Foundation also developed and launched a handbook on urban river management through local community participation in April last year. This book documents key learnings and best practices from the project.



BEST CORPORATE SUSTAINABILITY RELATED TO WASTE MANAGEMENT:

Waste Management can be improved in so many ways, such as the implementation of innovative technologies. One can think of the collection, monitoring, transport and more.

THE SHORTLIST



AKZONOBEL

The AkzoNobel project aimed at reducing the disposal of wash water waste that is usually generated from their production plant (water-based product) for the mixer, piping and filling line cleaning through the construction of the new wash water treatment plant (WWTP) facility. This project would also allow them to reduce their water usage rate (mainly used for their water-based paint product) by recycling treated wash water. 10% of the fresh water currently being used in one of their low tier products was substituted with treated water. The second phase will focus on the recycling of sludge sediment. The ultimate objective of this project is to achieve zero waste of wash water and sludge at their site.



SIANGPACK

Siangpack produces packaging from recycled paper for industries such as poultry, fruit and vegetable and electronics industries. The company is South East Asia's largest paper pulp producer. They only use waste materials as raw material with no other materials being used or added. By this year, Siangpack became a fully automatic producer of egg packaging trays and cartons, producing over 200 million units of 100% recyclable, sustainable material made out of 100% waste paper. Their paperpulp trays have also enabled farmers to increase their yields in layerfarms. Most layerfarms now use machines to weigh and grade eggs, which need consistent packaging trays and the paperpulp trays are superior in behavior on the machines compared to the plastic trays translating into an increased yield.



BEST CORPORATE SUSTAINABILITY RELATED TO PRIMARY COMMODITIES:

Recent changes in market conditions and awareness among consumers, industry & civil society, creates opportunities for leveraging supply chain actors towards a comprehensive vision for sustainable commodity production & trade.

THE SHORTLIST



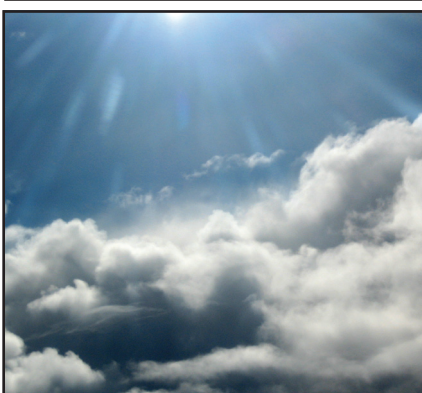
LIONEX

Lionex is a one stop business partner for rough sawn timber and value added timber products. They have played a unique, proactive role in communicating the new EU Timber Regulation (EUTR) which bans the imports of illegally harvested wood into the EU from March 2013. By making the very complex new regulations understandable for the general public they have also gained support for legal wood in the international wood markets. Lionex has helped to make the Asian, African and South American wood business more transparent, sustainable and legal. Working together with NGOs, local governments and indigenous people, they communicate the importance of sustainability not only for future business but to maintain healthy and diverse forests.



PHILIPS MALAYSIA

Philips is a diversified health and well being company focused on improving people's lives through timely innovations. When the Malaysian Government replaced existing road lighting systems on some of KL's busiest expressways to LED technology lighting solutions, Philips committed to designing, installing and maintaining the solution for the Federal Highway, the Middle Ring Road II and the Subang Highway. The contract involved installation of over 3,000 LED luminaires, the dismantling and removal of old infrastructure and laying the new supply cabling for the entire system. This new system saves more than 50% in energy consumption while cutting carbon emissions by more than 50%. Philips is committed to enabling sustainable development in cities.



BEST SUSTAINABILITY PROJECT BY AN SME:

All SMEs had the opportunity to propose a project which had a positive sustainable effect. All projects related to sustainability which take place in Malaysia or are related to Malaysia were eligible for consideration.

THE SHORTLIST



BLACKPOINT DESIGN

Black Point Design has a pool of dynamic and skilled professionals who have been excelling in the architecture and interior design industry for over twenty years. They undertook an interior design and build service for Air Products Global Business Shared Services' new corporate office in Bangsar South. The Horizon, where the client's office is located is itself a green building with energy efficient features so BlackPoint's design took advantage of this. They utilized the double glazed reflective glass to cut down the rooms, maximising natural light penetration. Biodegradable materials which emit few or no carcinogens were used along with environmentally friendly and energy saving office equipment to maintain a green and sustainable environment throughout.



PC ADVANCED COMPOSITE

PC Advanced Composite (PCAC) is a wholly owned subsidiary of Plastic Centre which has 40 years of plastic blow moulding history and possesses know how in producing specialised inner liner for LPG cylinders. Through research and development from ALE in Holland, PCAC addressed and overcame the challenges and disadvantages of the first generation development of gas cylinders utilising composite materials of thermoplastics and fiberglass. Currently, through partnership with ALE, they are the only ones on the market offering LPG gas cylinders made of Twaron composites. These cylinders are more cost effective and efficient, safer and environmentally friendly option for the oil and gas industry as well as the automotive industry supply chain.

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