

MDBC MISA '23 Special Edition Shortlisted Projects - Descriptions

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THE MDBC INNOVATION & SUSTAINABILITY AWARDS 2023 SPECIAL EDITION

SHORTLISTED PROJECTS DESCRIPTIONS

All competitors have been listed in alphabetical order per category.

OUTSTANDING DUTCH INVESTOR IN MALAYSIA (MNC)

- **ATT Tanjung Bin (ATT)**

W: www.vtti.com

Summary:

As of September 2022, ATT has reduced their CO₂ emission by 40% from their 2019 baseline. This was done by increasing the use of solar while reducing the electricity consumption by 15%. They have also increased the use of B10 for heating facilities as compared to conventional diesel and in the process reduced CO₂ emission by 20%. Together with the global team, ATT is assessing what further initiatives can be developed on - site or elsewhere in Malaysia to contribute to secure, affordable, and clean energy supply and distribution. ATT has also further strengthened its Compliance & Sustainability department to drive the agenda of minimising our impact on the environment and effecting positive changes to the communities where they operate and serve.

- **Control Union**

W: www.petersoncontrolunion.com

Summary:

Due to Control Union's innovative and adaptive setup, it has been able to quickly adapt to changing dynamics and tailor its solutions to meet the needs of clients and the environment, and more importantly, be a key driver in influencing industries to do better. Via the Control Union Academy, we organize various webinars and physical events to all industry stakeholders in Malaysia and overseas, sharing our vision of how the future could / should look. Some examples include our webinar on "Future - Proofing Sarawak Forestry through Sustainability" conducted in collaboration with Forest Department Sarawak, FSC Malaysia, Malaysian Timber Certification Council (MTCC), and WWF – Malaysia. Control Union has also worked on plastics pollution in our oceans. Studies estimate that Malaysia alone produced 0.94 million tonnes of mismanaged plastic waste. The proper collection of these plastics is the most direct and effective way to limit the damage to vital environments that are precious to wildlife. For World's Oceans Day 2020, Control Union launched a global standard that address ocean - bound plastics (OBP) with a focus on capturing those plastics before they pollute the ocean.

- **Dutch Lady Milk Industries (DLMI)**

W: www.dutchlady.com.my

Summary:

As an organisation that has been in Malaysia since 1963, we at Dutch Lady Milk Industries Berhad (DLMI) believe that the strength and longevity of the company stems from their most valuable asset: Their People. DLMI is investing in a new manufacturing facility in Bandar Baru Enstek. This investment of more than RM 400 million is focused on ensuring that DLMI can continue to drive their Purpose to Nourish our Planet and People in Every stage of life. With the new manufacturing facility they will make a leap in terms of sustainability (e.g. more efficient water usage, electricity usage, and recyclability), people growth (upskilling), and efficiency. Through the implementation of IR4.0 components they will also upskill their workforce. Through this investment, DLMI's largest shareholder, FrieslandCampina, is showing its interest and trust in Malaysia. DLMI@Enstek will be a state of the art (IR4.0) facility with the intention of being a supply hub for Malaysia and the region. This facility will double their current output with a potential to further double again in the future.

- **HEINEKEN Malaysia**

W: www.heinekenmalaysia.com

Summary:

HEINEKEN Malaysia has an ambitious commitment to reach net zero carbon emissions in production by 2030 and across its value chain by 2040. As of June 2022, HEINEKEN Malaysia has reduced their carbon emissions in production by 19%, compared with its 2018 baseline. They expect to reduce 86% of carbon emissions in production by 2025, keeping it on track to reach net zero carbon emissions by 2030. In 2021, through water stewardship initiatives such as river and peatland conservation, rainwater harvesting, reforestation, and other water conservation initiatives, they achieved 289% versus their water balancing target. They have a 2030 target to reduce water consumption by a further 29% to 2.6 hectolitres per hectolitre of beer produced. HEINEKEN Malaysia also champions inclusion and diversity for social sustainability. They ranked second out of 312 Bursa - listed companies in the Board Diversity Index 2021, with 43% of their Board of Directors being women, and have a 50:50 male to female ratio in the middle to senior management positions. In 2021, HEINEKEN Malaysia launched the HEINEKEN Cares programme to help mitigate the negative impacts of a prolonged lockdown. Collaborating with 8 NGOs in Peninsular and East Malaysia, the brewer delivered 150,000 meals to vulnerable communities across Malaysia at the height of the COVID - 19 pandemic. Responding to the major flood disaster in the Klang Valley in December 2021, the HEINEKEN Cares programme channelled an additional 100,000 meals and emergency care packages to flood victims.



OUTSTANDING DUTCH INVESTOR IN MALAYSIA (SME)

- **Actiforce Mechatronics Technology**

W: www.actiforce.com

Summary:

Actiforce was the first to make height - adjustable desks affordable, allowing for ergonomic workspaces. This innovation has greatly benefited people who spend long hours working in offices, preventing them from experiencing pain and discomfort. Actiforce has enhanced productivity, boosted morale, and promoted better health. Moreover, Actiforce has invested significantly in research and development (R&D), enabling the company to improve its products continually, keeping up with the latest trends and technologies in the market. Actiforce has also brought business to Malaysia. By setting up its manufacturing plant in the country, the company has provided job opportunities to the locals, and in turn, has helped the Malaysian economy grow. Actiforce has also established a strong partnership with local suppliers, further supporting the growth of small businesses in the country. Actiforce has also taken on the responsibility of working on sustainability projects to reduce the impact of its production and packaging on the environment. The company recognizes the importance of preserving the environment and has taken various measures to minimize its carbon footprint.

- **Brunel Energy**

W: www.brunel.net

Summary:

Brunel energy was established in 1997 and has grown from strength to strength over the years. They managed to sustain themselves and grow, even through the global pandemic. Brunel Malaysia secured a multi - million dollar long term contract from MISC, the world's leading provider of international energy related maritime solution and services. They also have the largest fleet of FPSOs in the world. The contract is to be delivered across four different countries - Malaysia, China, Singapore, and Brazil. Directly, the project contributes to other Brunel entities in the respective countries.

- **Enza Zaden**

W: www.enzazaden.com/asia

Summary:

Enza Zaden is a leading Dutch company that specializes in vegetable seed breeding, production, and sales. With a focus on innovation and sustainability, Enza Zaden offers a wide range of vegetable seeds and specialty crops. Enza Zaden Asia has helped to create jobs and stimulate economic growth in Malaysia through its investments and operations in the country. The company has also transferred technology and knowledge by bringing advanced technology and expertise to vegetable variety research and production, which has helped to

increase the competitiveness and productivity of the local food industry. Additionally, Enza Zaden has developed crops that are adapted to various growing conditions, with the Malaysia field as one of the R&D grounds, helping to improve food security and increase the resilience of agricultural systems in different regions.

- **HITTECH WEMAC**
W: www.hittech.com

Summary:

Hittech Wemac serves high tech customers in Asia and Europe with precision parts achieving a machining tolerance of 0.004 millimetre or 4 micros utilizing CNC milling only. Typically, such tolerances can only be achieved using Grinding or other types of machines, but not CNC Milling. They stand out from local and international competitors in the cost to precision ratio.



OUTSTANDING MALAYSIAN INVESTOR IN THE NETHERLANDS

- **Basis Bay**
W: www.basisbay.com

Summary:

Basis Bay is a leading provider of Sustainable Cloud, Green Data Centres and Premium IT Infrastructure Services. Through their presence in the Netherlands they have improved bilateral relations between the two nations through hiring of Dutch employees and interns, provision of third party maintenance services for clients, and launching of their “GreenIT” initiative in both Langkawi and Amsterdam, which reinforced their commitment to sustainability and also aligned both the nations on sustainability. Basis Bay advocates “Clean IT” which allows them to achieve environmental, social, and economic responsibilities in the organisation.

- **Cornerstone Group**
W: www.csequitygroup.com

Summary:

Cornerstone Group is a fully remote company with major flexibility and there is a huge amount of trust amongst their employees to get jobs done without policing their whereabouts or micromanagement. They also pride themselves as a “family company” and while they understand that this isn’t a popular narrative on LinkedIn, they treat their employees with utmost respect and care, they embrace and encourage healthy and open communication, and they encourage their employees to have boundaries. They have helped to improve the Dutch - Malaysian bilateral relationship by being based in The Netherlands but by hiring many Malaysians. Their Malaysian employees get to work for an international company and are also given the exposure to work with some of the most successful companies in the world – as a Dutch company, they are giving larger opportunities to Malaysians and exposing them to the international ways of engaging in business.

- **Kuala Lumpur Kepong**
W: www.klk.com.my

Summary:

Kuala Lumpur Kepong Berhad (“KLK Berhad”), via its wholly - owned subsidiary, KLK OLEO (“referred jointly as “KLK”), has been investing intensively in The Netherlands, including investment in research, development, and innovation. Their European R&D centre is located in The Netherlands and a European department for Innovation & Technology has also been set up. The investment is in both professionals and equipment. The innovation programs are focused on climate neutral production, circular economy, zero pollution, and world - class manufacturing for their main technologies.

- **Sime Darby Plantation**

W: simeдарbyplantation.com

Summary:

Recognising palm oil being one of the world's most widely used commodity and its global demand projected to grow with the rising population, they strongly believe that traceability is the next frontier in halting deforestation whereby tracking supply back to its source will make it possible to identify where problems exist. It also allows them to take action by working together across the industry to ensure a fully sustainable palm oil sector. Their operations are committed to a traceable and sustainable supply chain and this commitment also applies to their Zwijndrecht Refinery in the Netherlands which produces products mostly for the European market. As part of their commitment to creating a transparent supply chain they have introduced an open access online platform called 'Crosscheck' which enables full transparency of their supply chain, providing assurance that it is deforestation - free.



PROMISING (NEW) DUTCH SME TO MALAYSIA

- **Creating Winners**

W: www.creatingwinners.com

Summary:

Their view is that anything can and should be gamified to elevate the experience of customers. Gamification involves implementing gaming techniques to trigger customers to a certain behaviour, but can also be full scale games that they develop in Unity or HTML5 to bring mobile, desktop, and console projects to life. Creating Winners has developed its own dynamic and innovative gamified learning application for web and mobile, called RIAPlay.com. It allows people to create gamified learning or communication trails with the DIY management tool. With remote working becoming a standard there needs to be more tools than ZOOM to engage with people.

- **Hoogendoorn Growth Management**

W: www.hoogendoorn.nl/en

Summary:

With more than 50 years of experience, Hoogendoorn is one of the front runners in the horticultural industry. Their roots lie in the Netherlands, but now they are present around the world in more than 100 countries, including Malaysia. Together with their worldwide and valuable partner network they create sustainable and user - friendly process automation solutions for greenhouses and indoor farms. With these solutions, combined with high - quality training, service, and support, they offer their customers a total package to optimize the entire business process. This is done with the goal of creating an optimal growth for crops, minimal use of natural resources, and a manner to grow towards a more sustainable horticulture.

- **Incitement**

W: csr.theincitement.com

Summary:

They are partnered with Fusionex Group, Southeast Asia's largest technology provider and market leader in AI and Big Data, allowing them to deliver robust, technology - driven solutions to tackle today's sustainability challenges, and to support their clients in achieving their sustainability and ESG goals. Incitement caters to 100s of Malaysian charities while boasting thousands of users who use their platform to support, connect, follow, and volunteer with their favourite charities. To date, and with the help of their users, they have raised more than RM 6,000,000 in funding for charities. Most recently, they launched a new platform - an affiliate marketing program for charities. It allows key – opinion - leaders, influencers, and content creators to easily promote the charities and causes that they

genuinely care about.

- **Orbis Business School**

W: orbis.mba

Summary:

They want to be a force for positive change and a sustainable future for Malaysia and the world. They do this by promoting sustainable leadership skills development and therefore amplifying sustainability adoption in Malaysian businesses. Their transformational approach to leadership education is incremental, actionable and business driven. At present, there are not many choices for Sustainable Leadership education in Malaysia, mostly limited to Speaker events and webinars. Since their program is HRDCorp claimable, their reach and impact extends to all eligible Malaysian companies.



OUTSTANDING DUTCH – MALAYSIAN PARTNERSHIP

- **Centre of Water Engineering Technology**

W: unikl.edu.my

Summary:

Water has been the critical basis for the socio - development of this country over the past decades. As Malaysia is rich in water, it has driven urbanisation and industrialisation in many parts of the Southeast Asian country. CWET offers the Master of Science (M.Sc.) in Water and Hydropower Engineering, a double degree programme jointly offered by UniKL and IHE Delft, which is based in the Netherlands. The master's degree programme offers students the possibility to study at two renowned institutes for technical education and applied research, which are UniKL MFI and IHE Delft. Students who have successfully completed this program will be awarded the M.Sc. in Water and Hydro – Power Engineering by UniKL as well as the M.Sc. in Water and Sustainable Development by IHE Delft. The program spans two years – the minimum length of study and a maximum of three years. For the bachelor's degree program, the students will undergo a four - year study.

- **Dutch Lady Milk Industries (DLMI)**

W: www.dutchlady.com.my

Summary:

DLMI is a leading dairy product manufacturer with an impeccable record of nourishing Malaysians with affordable, high - quality, and Halal nutrition. They have been working closely with the Department of Veterinary Services Malaysia (DVS) and the Ministry of Agriculture and Food Industries to help modernise and transform the nascent local dairy farming industry. The strategic partnership aims to boost the production of local raw milk supply and improve the skills and competence of local dairy farmers. Notable DLMI programmes are the Dairy Development Program (DDP) and the Farmer2Farmer Program. The objectives are many - fold; to further enhance DLMI's purpose of their role in dairy farming in the country by promoting sustainable dairy farming practices, impart critical knowledge, and be more self - sufficient in domestic raw milk supply.

- **Kloth Malaysia**

W: kloth.com.my

Summary:

Kloth Malaysia Sdn. Bhd. (KMSB) is an aspirational social enterprise committed to be a catalyst for the textiles, clothing, and plastics circular economy. There are two cause - driven brands owned by KMSB, known as Kloth Cares and Kloth Woman Up. Established in 2017, Kloth Cares is an environmental, economics, and social impact movement brand, notably committed to catalysing the textiles and clothing circular economy. Established in 2020, Kloth

Woman Up aims to empower the livelihoods of underprivileged women with sewing knowledge to upcycle unwanted clothes into new products. They offer impactful textile waste management solutions through the installation of Kloth Cares fabric recycling bins in more than 400 accessible drop off locations, encompassing 6 states and federal territory.

- **Pengerang Independent Terminals**

W: www.vopak.com/terminals/pengerang-independent-terminals

Summary:

Pengerang Independent Terminals is a joint venture between Royal Vopak, DIALOG, and the Johor State Government. This JV is special as it links Malaysia into the energy flows within the Straits, and was the key catalyst in making Pengerang into a major petrochemical hub. The strength of DIALOG and Vopak in Pengerang is the ability to leverage on things that have worked well in Kertih (an earlier JV) and make it even better. The forward looking mindset has led to PT2SB. Investments by DIALOG - Vopak in Pengerang have been significant, providing a platform for Dutch – Malaysian bilateral exchanges. It has provided contacts into Dutch Ministries and other investors (including the Port of Rotterdam) for Johor leadership including the Chief Minister and Executive Council members.

- **Sime Darby Plantation**

W: www.simedarbyplantation.com

Summary:

Sime Darby Plantation previously identified that increasing crop yield is the foundation of putting a stop to deforestation since this holds the key to increasing their output on existing planted areas without expanding into additional land areas. Their goal is to increase the palm oil yield per hectare at a pace that enables output to match population growth requirements over the next 30 years. In 2016, seven years following our breakthrough innovation in oil palm genomics, they commenced the first planting of GenomeSelect™, their latest high - yield oil palm seeds, to realise their commitment to increasing the yield of oil palm. In addition, their commitment to producing 100% sustainable (RSPO certified) oil and the development of the Crosscheck oil traceability tool demonstrates their efforts to ensure a sustainable and transparent supply chain from source to customer.

- **Terberg Tractors Malaysia**

W: www.terbergspecialvehicles.com/en

Summary:

Terberg Tractors Malaysia Sdn Bhd (TTM) was established as a joint venture company in 2005 between Sime Darby Industrial Sdn Bhd and the Terberg Group BV, having a Head Office

located in Malaysia. TTM and Terberg aspire to take the lead in new technology by offering a greener driveline, moving from the conventional Diesel - Powered Terminal Tractor to a Full Battery powered Electric Terminal Tractor (Green Solution). Joining forces between the Dutch and Malaysian Engineering Team, the First Malaysia Full Battery Powered Terminal Tractor (Terberg YT200EV) was developed and is currently undergoing comprehensive testing in the Netherlands. The EV is expected to go into serial production at the Malaysia factory for the Asia Pacific market in the second quarter of 2023. This model will satisfy the Environmental, Social, and Governance (ESG) aspiration in the container ports industry and contribute significantly to greenhouse gas reduction.



BEST FLEXIBLE WORK ARRANGEMENTS PROGRAM

- **Agensi Pekerjaan Randstad**

W: www.randstad.com.my

Summary:

As part of their global Human Forward brand promise, Randstad invests in automation, AI, and machine learning tools in their processes to improve their business efficiency and customer experience. These HR technologies aim to help their consultants develop a more meaningful relationship with their clients and talent by freeing them from time – consuming administrative processes known to plague the HR industry. During the pandemic, the company launched global capabilities to proactively detect work opportunities, guide and prepare talent to support their clients quickly and efficiently through the fully - digitised #newways program which also includes an extension of their HR technology to their clients at a discounted rate. Today, these programs have pivoted to further support employers in the new normal as the economy and job market continue to evolve. The company also invests greatly in the personal and professional development of their people and fosters a culture of equality, diversity, and inclusion.

- **Dutch Lady Milk Industries (DLMI)**

W: www.dutchlady.com.my

Summary:

As the current volatile business landscape represents a challenge to employees where mental, spiritual, and physical energies are shifting. This amplified the relevance of personal energy management - that an Engaged, Enabled, and Energised workforce is key in motivating DLMI's business forward while staying true to their purpose of Nourishing Our Planet and People in Every Stage of Life. They believe they have put in the correct strategies and enablers ranging from their Sustainability Road Map up to Our Work Force Transformation Model. While they have been true to their purpose in Nourishing Malaysia, many initiatives have been made to further ensure that their purpose is clearly brought to life. Even through the course of Pandemic, they carried out various initiatives to ensure that their People stayed connected through strong adoption of CARE (C - Connected; A - Appreciated; R - Responsive; E - Energised) principles, wellness initiatives to remain engaged and energised, and enabled a forward, flexible way of working through Agile Transformation. Everything they do at DLMI is driven by their Purpose. Nourishing Our Nation with trusted and sustainable dairy nutrition, is their mantra to continue to achieve accelerated growth.

- **Standard Chartered Bank Malaysia**

W: www.sc.com/my

Summary:

The bank has a number of initiatives that focus on their employees. Employee Volunteering (EV) is deeply entrenched in the Bank's culture with each employee given three EV days every year, enabling them to make a difference to the community. Future makers program. Raised more than MYR 90,000 through fundraising initiatives to empower the next generation to learn, earn, and grow. Financial education - More than 700 individuals including entrepreneurs and youths were engaged virtually for Education for Entrepreneurs and Financial Education for Youth programs. Goal Malaysia reached over 2,000 secondary school students in the Klang Valley. 150 Goal girls graduated after covering all Goal modules and online assignments. More than a dozen Goal girls were also recipients of Future School's technology device tools and connectivity. Social Entrepreneurs: Transformation, Innovation & Acceleration - a capacity building initiative with customised syllabus designed to strengthen the development of social entrepreneurs. 46 entrepreneurs graduated upon completing four weeks of training and five months of coaching and mentoring with the Malaysian Global Innovation and Creativity Centre. COVID Relief Projects – Apart from cash donation, they were also partners in Future School and Distance Learning Access projects. Intraocular Lens Project (IOL) - Since 2013, in partnership with the Ministry of Health, they have donated more than MYR 4 million worth of lenses benefitted over 7,000 cataract patients nationwide. Mental Health and Wellbeing. Committed to creating a work environment that promotes positive wellbeing and healthy lifestyle choices, making it a global priority.

- **Tenaga Nasional**

W: www.tnb.com.my

Summary:

A single platform for employee related services and communication named Enterprise Employee App was launched by TNB to ease reporting matters from anywhere. Through the application, TNB has also advocated vaccination which resulted in 99% of their staff getting the complete two doses. The ESHD application, integrated in the Enterprise Employee App, has managed to garner 34,276 users out of the 34,938 overall TNB staffs. The super app is part of digitalizing the employee experience. The initiative also impacted other areas such as the digitalisation of their processes, resulting in a reduction of paper usage. The savings from their digitalization is projected to save 6000 kg of printing paper and 1.6 million litres of water saved from paper production. Having the flexibility to work at odd hours provided that the staff delivers also contributed to a cost saving of RM 8.1 million to 7.9 million. Working from home also translates into an accumulated reduction of 113,921 kg of carbon not being emitted into the environment.

- **Unilever Malaysia**
W: www.unilever.com.my

Summary:

Unilever embarked on ensuring employees are more purposeful with their time spent at work enabling a hybrid work model to drive flexibility, empowerment & collaboration. Employees are now able to decide, where to work, when to work and how to work enabling more purposeful and individually focused working style catering to the needs of our employees at each of their respective life stages. In the early days of the pandemic, when it came to remote working, Unilever understood that it will encounter a different set of circumstances and the best way a company can respond is through flexibility. To account for that, Unilever worked with Microsoft over the last couple of years and invested in digital technology solutions, such as Microsoft Teams and Power BI, to support employees as they navigated unprecedented territory. Unilever also uses Microsoft Viva, an employee experience platform designed to combine communications, knowledge, learning, resources, and insights in the flow of work while fostering a workplace culture where people can thrive. Viva was able to help Unilever identify a specific challenge and act, leading to better engagement and wellbeing for its employees. Other companies can learn from this approach regardless of the company size - by using the right tools and really listening to employees.

