



LIVING BUSINESS

**Yearbook
2021 edition**

In partnership with



HSBC



GLOBALLY

Program overview

Living Business is a programme that is designed to help companies transition to more sustainable ways of doing business. Participating companies receive one-on-one strategic guidance and support to identify opportunities for positive action. They also have access to a panel of Success Partners who work with them to get projects done. This year the programme ran in the United Arab Emirates, Bahrain, Oman, Qatar and Egypt. This yearbook gives an overview of all the projects that were initiated as part of the Living Business programme in 2021. All achievements are also showcased on social media and at the graduation event held at the UK pavilion at Expo 2020.



It's great
business
together
you have
for the

HSBC's commitment to sustainability

Last October, HSBC set out an ambitious plan to prioritize 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.

At the heart of the plan is a pledge to reduce financed emissions from HSBC's portfolio of customers to net-zero by 2050 or sooner, in line with the goals of the Paris Agreement.

To do this, HSBC is intensifying its support for customers to switch to more sustainable ways of doing business. HSBC wants to play a leading role in advising companies on their journey towards net-zero and has the ambition to provide between USD750 billion and USD1 trillion of finance and investment by 2030 to help companies achieve this goal.



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United Arab Emirates

LIVING BUSINESS



Environmental



Social



Governance



موانئ أبوظبي
ABU DHABI PORTS



Environmental Project Description: Abu Dhabi Ports is implementing cold ironing, an anti-pollution measure, to reduce air pollution produced from diesel generators, through the use of shore electric power as an alternative.

Project Impact: Cold ironing implementation will significantly improve the air quality, by reducing CO2 emissions. In fact, because of the high efficiency of cold ironing, and due to the facilities that cut emissions in plants, we will save 30% of CO2, 95% of NOx and 95% of SOx.



Environmental Project Description: ADNEC is working with Trident Trackway and DULSCO to recycle different plastics into smart flooring that can be used in the contraction of exhibition stands and for heavy vehicle protection of the floor both outside & inside the venue.

Project Impact: The current percentage of recycling is 42% (before project implementation) and the target for 2022 is to make the recycling percentage reach 68%.



aldahra

Environmental Project Description: Al Dahra Agricoast wants to reduce the legacy load of carbon in the air by demonstrating sequestration.



For this, they have allocated 5000 hectares of their farm where they adopted regenerative agriculture practices. These include the following:

1. Minimum/No Tillage and giving up plowing work;
2. Reducing soil compaction by using specific vehicles;
2. Use of Alfalfa and legumes to cover soil throughout the year (Cover crop); This will protect soil, increase photosynthesis and increase sequestration.
3. Increase use of Alfalfa for increase soil organic matter, increase photosynthesis and increase CO₂ sequestration.
4. Use of biological ways to manage pest;
5. Use of pheromonal traps to minimize use of pesticide;
6. Partial replacement of traditional nitrogen fertilizer with bio-stimulator.

Project Impact: By adopting regenerative agriculture practice on 5000 hectares, Al Dahra would be able to take 4,508 tons of carbon from air and sink it under soil, where it belongs. Thereafter Al Dahra would apply regenerative agriculture on 55,000 hectares of land and would be able to take 42,304 tons of carbon from air and sink it in soil.

Not only will this help Al Dahra in reducing emission but will help to sink carbon in soil (A process which is known as sequestration).

OUR PLANET. OUR RESPONSIBILITY.



التميمي و شركاه
AL TAMIMI & CO.



Environmental Project Description: Al Tamimi & Company's sustainability objectives are to decrease their carbon footprint and to recycle their waste. Over the last year, we have worked towards reducing paper (investing in dual screens for everyone and eliminating personal printers). All e-waste, including batteries, is disposed off through authorized vendors and paper is shredded so it can be recycled.

Project Impact: This endeavor is expected to divert 1646 kgs of waste from landfill. This is a 50% expected decrease in waste as a result of the project throughout 2022 (% change in kgs/annum).



Environmental Project Description: Aldar has launched 3 projects this year:

1. Introducing the first solar hybrid power plant in a construction project to reduce dependency on fossil fuels, reduce carbon emissions, ensure energy efficiency and save costs.
2. Providing bi-annual sustainability training sessions via live webinars to the Sustainability Procurement department's registered suppliers, and providing a supplier survey to ensure transparency and supplier engagement to explore how they can understand the market's maturity level on sustainability and how to adapt accordingly.
3. Partnering with GRFN to implement an energy efficiency project that covers 80 of Aldar's assets, which is in line with Aldar Properties' ambitious journey towards achieving net zero.

Project Impact: 1. The project offered 17% energy savings (in % change in KWh) with a solar capacity of almost 50kWp.

2. The project allows the upskilling of suppliers on their knowledge on sustainability, sustainability programs and requirements.

3. The project offered a 20% ROI and 25% expected annual energy savings throughout 2022 (in % change in KWh). This is equivalent to an expected reduction of 70 GWh of electricity consumption across Aldar's assets included in this project.

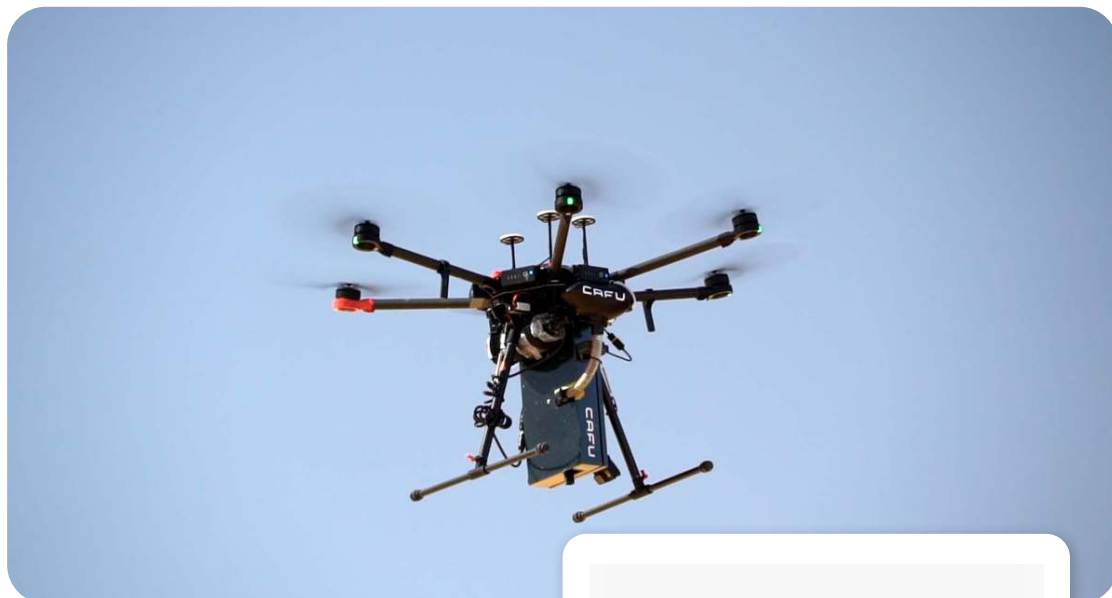
Blue Terra



blue terra



Governance Project Description: We are customarily reaching for a B Corp certification which educates and allows us to build a next-generation culture.



Environmental Project Description: Rashid Al Ghurair, Founder and CEO of CAFU, the Region's first on-demand fuel delivery application has developed a prototype drone, the first of its kind in the MENA Region, that uses Data-Driven Technology to plant 1 million Ghaf trees across the UAE. CAFU seeks to scale the technology to tackle deforestation and wildfires in other countries using the pioneering seed ball capsule method to plant at speed and scale, added with a water-retaining agent to minimize the amount of artificial irrigation.

Project Impact: Each Ghaf Tree planted absorbs up to 34KG of CO₂ per year.

With a million trees planted = 34,000 tonnes of CO₂ reduction

Moreover, there are no emissions from trucks carrying the saplings.

Dubai Refreshments



دبي للمطربات (ش.م.ع.)
DUBAI REFRESHMENT (P.J.S.C.)®



Environmental Project Description: Introducing Grundfos' Smart Filtration Suite system which is a set of algorithms that communicate directly with your system's PLC to autonomously adjust your membrane filtration system based on feedback from sensors.

Project Impact: This project is estimated to offer 10-15% OPEX savings considering 3 aspects: chemicals, energy and water.



Environmental Project Description: Project 1: Sigma Steel Factory 1.8MW Grid Connected Solar Photovoltaic Rooftop and Car Parking Solutions. (Shams Dubai Net Metering)

Project 2: Kibsons International LLC 1MW Grid Connected Solar Photovoltaic Rooftop. (Shams Dubai Net Metering)

Project 3: Interiors International LLC 3MW Grid Connected Solar Photovoltaic Rooftop. (Shams Dubai Net Metering)

Project 4: BFL Group 1MW Grid Connected Solar Photovoltaic Rooftop. (Shams Dubai Net Metering)

Project 5: Gulf Rubber 550kW Grid Connected Solar Photovoltaic Rooftop. (Shams Dubai Net Metering)

Project Impact: Project 1: Sigma Steel Factory
5-7 years ROI, 105% solar energy contribution
Project 2: Kibsons International LLC
5-7 years ROI, 25% solar energy contribution
Project 3: Interiors International LLC
5-7 years ROI, 70% solar energy contribution
Project 4: BFL Group
5-7 years ROI, 100% solar energy contribution
Project 5: Gulf Rubber
5-7 years ROI, 60% solar energy contribution



bfm



Environmental Project Description: B.FM conducted an investment grade energy audit for 9 properties including hotels, education and commercial and residential buildings . Based on our findings, a retrofit is in progress with AED 6.5 million investment and AED 1.76 million annual savings.

Ashrae level standards are being used for auditing and analyzing the solutions and savings. Energy conservation measures are applied such as chiller change, controls retrofit , efficient lighting , solar films and water systems . International measurement and verification protocol is used for the measuring and verification of savings.

Project Impact: 4.0 years ROI, 18% energy savings, 8.8 million kWh savings expected throughout 2022, and AED 1.76 million annual savings.

Emirates National Copper Factory



Environmental Project Description: Implementation of energy meters and efficient capacitor banks for energy efficiency with 3E DUBAI & EMERCOM.

Project Impact: 30-40% expected annual energy savings as a result of the project throughout 2022 (in % change in KWh) .

Fine Hygienic Holding



**fine
hygienic
holding**



Environmental Project Description:

- Diversifying and creating an entirely new business channel with the production of reusable antiviral Fine Guard face masks.
- Capitalizing on the success of the Fine Guard face mask product and expanding its range to include sports masks and family-friendly alternatives, as well as gloves.
- Diversifying further into the hygiene space with the launch of Fine Guard PureHands and PureSurfaces.

Project Impact:

- Since the launch of Fine Guard masks, Fine Hygienic Holding has sold ± 2 million units to date, saving the environment from ± 500 million/half a billion disposable harmful masks.
- By Fine calculations, one Fine Guard reusable mask will replace 210 disposable masks, and one pair of Fine Guard reusable gloves will replace 700 rubber gloves, all of which would be disposed of after just one wear.
- The efficacy of the Fine Guard Pure Hands product means that one bottle is the equivalent of 16 regular hand sanitizers, while one single Fine Guard Ultra Wipe can effectively give a surface the same protection of 168 regular wipes, offering instant benefit in terms of product packaging and savings for the consumer.
- Building a sustainable business model that contributes to 30-40% of the company profit.



**fine
hygienic
holding**



Social Project Description:

- Fine launched a comprehensive wellness program that includes gym co-payment. It was the first company to build a comprehensive, fully equipped corporate wellness center on its premises in Dubai, including gym equipment, yoga room and high intensity track.
- Fine's maternity policy provides 16 weeks at full pay, and goes beyond the duration mandated by the International Labor Organization. It also allows female staff an additional 16 weeks of unpaid maternity leave. In its efforts to pursue gender equality, Fine has also expanded its range of benefits through a paid paternity leave policy, offering new fathers the option of a 4-week leave with three weeks at full pay and one additional week unpaid, as well as flexible work arrangements.
- Introducing 'working from anywhere' policy, specially designed with the team's physical and mental wellbeing in mind.
- Fine launched an unprecedented Employee Assistance Program, administered by qualified psychologists, provided 24/7 confidential hotline counselling and support in many languages to all employees and their immediate family members for free.
- Fine understands the challenges facing women, and went out of its way to create a workplace and culture that fosters gender diversity.

Project Impact:

- Growing female representation in leadership roles from zero to nearly 33%.
- The overall employee engagement index increased from 82% to 86.5%, employee productivity increased from 81% to 88%, and work environment satisfaction level increased from 80% to 85.9%.



FUTURE



Environmental Project Description:

1. Adapting the concept of a Sewage treatment Plant by:
 - reducing the quantum of sewage disposal out of our premises.
 - product of treated water used for irrigation purpose
 - Inturns usage of utility water reduced which earlier consumed for irrigation purpose
 - Increasing the greeneries inside the campus.
2. Upgrading the low energy efficient window air conditioner to high energy efficient split air conditioner in our factory accommodation.
3. Reduction of Utility Water Consumption by optimizing the Wash bin tap aerators.

Project Impact:

1. This project uplifted our track record of water conservation towards sustainable growth by generating 5000 Gallons per day (1,825,000 Gallon per Annum which is approximately 25 % reduction in Consumption of Water).
2. 2 % of Average Energy Saving. 5 year ROI.
3. This project helped us in having a progressive track record of reduction in water consumption every annum. 2 month ROI.

Green City



Environmental Project Description: Solid waste management for 20 buildings in operation.

Project Impact: More than 95% of waste was diverted from the landfills. The expected decrease in waste is estimated to be 30% in 2022.

Green Heights Contracting



Environmental Project Description: We have switched all our lighting to LED and replaced our individual printers to a single multi-function printer, in order to save energy.

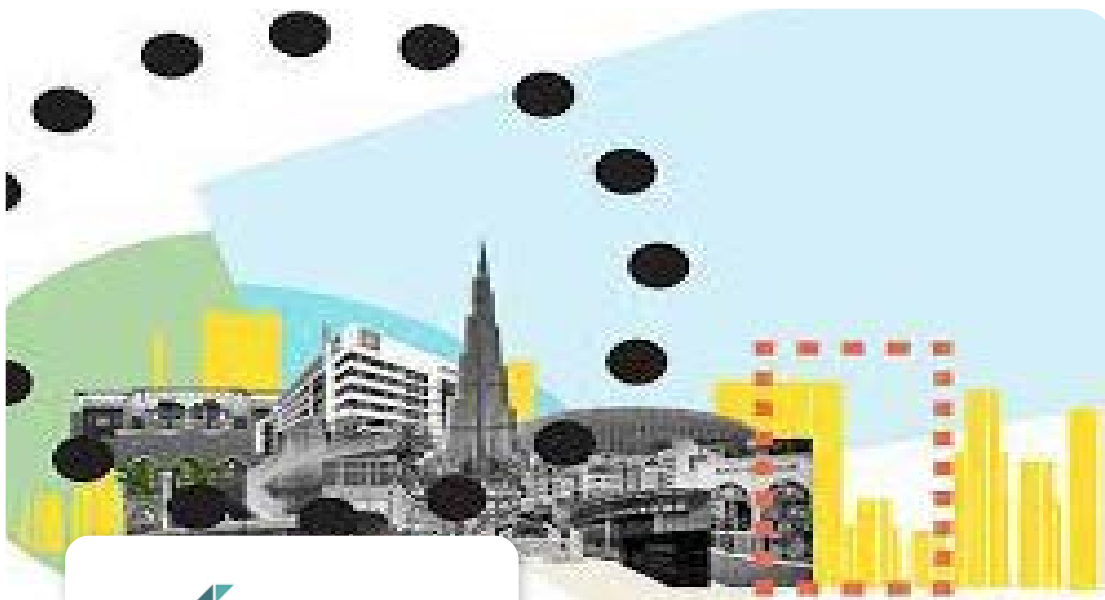
Green Parking



Environmental Project Description: 2021 has given Green Parking great pace in their stride towards accelerated adaptation of electric vehicles:

- 64 new chargers were installed, bringing their network to 123 total charging points (108% growth in three quarters). By December 2021, Green Parking will have accomplished 274% growth in a year with total AC & DC smart charging points adding up to 221.
- The Android version of the EV-NETWORK app was launched. With the existing iOS app, this increased accessibility contributing to a 148% growth in registered users up from 69% in 2020.
- Value added services such as valet charging & car washes to their network were introduced
- The charger reserving feature soon to be rolled out this year will introduce energy efficiency & load management needed for existing infrastructure as EVs get increasingly popular.
- Strategic partnerships were formed with world renowned auto-makers such as Audi, Volkswagen Group and General Motors boosting the market share of smart chargers in the region to 85%.
- Al Forsan in Abu Dhabi was transformed into a smart, electrified greener community ready for the future of EV adaptation.

Project Impact: GreenParking has already provided over 600 chargers in the UAE, forming the existing EV charging infrastructure, whilst also hosting its own network of 123 chargers. By doing so, they have been able to curb CO₂, CH₄ & N₂O emissions by forming the foundation for electric vehicle use.



Environmental Project Description:

- Annually monitoring and assessing different fields such as power consumption, fuel consumption, water consumption, paper consumption etc. on an individual basis and as a whole.
- Developing and discussing new ideas and innovative solutions in order to reduce overall power consumption and improve energy efficiency in the office. Different solutions and methods in order to reduce overall energy efficiency were implemented, some of which were the usage of LED lights, minimize the usage of electronics and lights when not needed, utilizing the daylight for most of the day, turning off the HVAC system when not required and periodic cleaning of the filters for better energy efficiency.

The project is an ongoing process and is expected to last as long as there is room for improvement in environmental conservation and energy efficiency. Bureau Veritas is the independent auditor helping with the assessment and certifying the outcome.

Project Impact: 200 KWh expected annual energy savings as a result of the project throughout 2022 (2% change in KWh)



Environmental Project Description: As part of our product surface finish process, powder waste is being generated and subject to disposal. Through this project we are able to identify the right user industry that can use our waste in their production process as a fuel and eliminated 100% landfill. disposal.

Project Impact: 100% of the waste, which is 148,000 kg was diverted away from landfill.



Environment Project Description: Caustic soda is used to dissolve the aluminum stuck in the extrusion dyes and to etch the extruded aluminum profiles in the anodization process. The by-product of these is known as 'Spent caustic' and is rich with dissolved aluminum. Previously, this by-product required extensive treatment internally as well as externally to dispose of.

Caustic soda is one of the raw materials to the alumina refinery process. Therefore, there is an opportunity to reclaim the caustic soda by-products generated from downstream process (Gulf Extrusion) to be used as alternative raw material.

Gulf Extrusion has identified and collaborated with an Alumina refinery that will utilize the caustic soda as a raw material without pretreatment to be used in the alumina refinery process. This reuse application will not result in any additional environmental impact.



Project Impact: 27,00,000 liters which is 100 % of the by-product will be diverted from the landfill and will be reused without causing any environmental damage.



Environment Project Description: Installed 385 Wp Solar Panels

Project Impact: There has been an 8% reduction in electricity from Year 1.



IFFCO has undertaken 25 various projects and the below are 5 out of the 25 projects already implemented and a work-in-progress for the current fiscal year.

Environmental Project Description 1: The palm refinery in Indonesia that supplies raw materials across IFFCO sites, including UAE and Egypt, conducted geospatial analysis to map, monitor and mitigate deforestation, peat and fire risks across the value chain. The analysis covers a 15km radius from each of the point of GPS coordinates as proxy location of plantations. This helps improve the level of palm traceability to origin and provide suppliers risks profile that the refinery can use as basis for determining priorities on supplier engagement. Corresponding actions will be considered to mitigate risks identified.

Project Impact 1: The analysis shows that out of 34 mills, 3 mills are identified as having potential risk to deforestation as they are located in high risk areas. 89% of the volume are originated from mills with low risk on deforestation & peat clearance. Zero mill is identified as having a risk to the loss of protected areas & intact forest landscape. 4 mills are located on high hotspot areas that are prone to fires.



Environmental Project Description 2: In 2021, our seed crushing plant in Pakistan is installing a solar PV system installation. The project is expected to generate clean energy from solar in April/May 2022.



Project Impact 2: The installation is expected to generate 1,422 MWh of solar energy annually. With 25 years of the lifespan of the project, it will be able to generate a total of 35,550 MWh clean energy, and contribute to 16,000 tonnes of CO₂eq emissions avoided. The project is expected to save more than 15% annual electricity usage from the grid.



Environmental Project Description 3: In partnership with Siemens, we are conducting an energy audit in 3 production sites.

Project Impact 3: The energy savings and roadmap for improving energy efficiency are yet to be determined at this stage.



Environmental Project Description 4: One of IFFCO's cooking oil brands, Sunny, collaborated with Green Pan to collect waste cooking oil from households which are then used to manufacture biofuel. The program involves visits to households and encourages them to collect 5 litres of used cooking oil in exchange with 2 bottles of Sunny cooking oil that will be delivered at their doorstep by Green Pan representatives. The program was tested in 2020, and having had positive response, in 2021 IFFCO Egypt scaled up the program. This represents a significant increase of 150% of used oil being collected and 180% in home visits, compared to the trial in 2020.



Project Impact 4: In Jan-Sep 2021, the program has avoided 435,000 litres of waste cooking oil from being disposed into the water drainage or other unsustainable end-of-life with 127,000 households, positively impacted and 300 tonnes of CO₂e emissions being avoided. The target is to achieve 810,000 litres of waste cooking oil being diverted away from being disposed unsustainably, an increase of 150% compared to 2020.



Environmental project description 5: Our Corporate Procurement and Packaging Development team bring innovation to introduce a new packaging that contributes to less use of paper. This in the form of paper grammage reduction in shipper cartons for edible oils in UAE, Saudi Arabia and Egypt.

Project Impact: We are currently measuring the environment, financial and product impacts of this project.



Governance Project Description: With the support from Living Business Programme, in 2020 we presented our aims and aspirations in sustainability journey. We realize that successful integration and effective management of sustainability requires having committed leadership, clear direction and strategic approach, which none of this will happen without a robust governance structure. IFFCO is accelerating investing into sustainability practices and established a dedicated team to lead and expand the scope and ambition of the company's sustainability agenda. With strengthened governance, IFFCO consolidates baseline data from across its business units to support the development of IFFCO 2030 vision and the next 3 years roadmap.

Project Impact: We use GRI standard as benchmark in preparing for the Materiality Assessment. Three of the most important metrics which we are tracking are the use of resources (energy, water, waste generation) and their CO2 emissions, responsible sourcing, people/ employee-related metrics.



Environmental Project Description: We have commenced the conversion of our packaging to sustainable packaging to reduce our environmental footprint.

Project Impact:

As of now, all paper and plastic waste are being separated and recycled. Within 1.5 years, maybe 20%.



Environmental Project Description:

We will be pioneering the first industrial use of indirect evaporative cooling systems in the UAE for outdoor packaged air conditioners (AC). In addition, we will be installing intelligent flow controllers on compressed air stations and replacing the conventional DX ACs with inverter type energy efficient ACs.

Project Impact:

This will reduce the ambient temperature during welding operations to less than 30 degrees, while reducing energy consumption significantly by approximately 25% when compared to the conventional direct expansion (DX) packaged cooling units for outdoor operations.

Approximately 30,000,000 kWh savings are expected for the next 10 years. However, considering the entire project lifespan, we are expecting 70,000,000 kWh savings which is equivalent to 496,000 tons of CO₂ emissions saved or 2 billion kilometres driven by an average passenger vehicle.



Social Project Description: To support overall employee mental wellbeing and keeping the varied individual priorities/challenges in mind, a holistic approach towards wellness was adopted to include a continual string of initiatives around physical, emotional, financial, social and self-development was provided to Lamprell employees.



Project Impact: On an average, 250 employees voluntarily joined through virtual platforms to attend each of the regular wellness sessions throughout the year. The employees that attended the blue collar worker SmartComputers programme are now able to successfully operate a computer for basic MS Office applications.

The physical well-being sessions were generally conducted outside working hours. Despite this, participants joined on voluntary basis and in their personal time, which itself was testament to the interest and engagement of the programme.



Governance Project Description: We formed our Lamprell Sustainability Committee to ensure that our activities in the ESG space are structured, focused and add value.

We have been working within the principles and guidelines of London Stock Exchange Group (LSEG) Guide to ESG Reporting, International Petroleum Industry Environmental Conservation Association (IPIECA) Sustainability Reporting Guidance 2020, Global Reporting Initiative (GRI) Standards, Sustainability Accounting Standards Board (SASB).

Project Impact: Improvements in individual performance, corporate performance and increase in number of sustainable projects/initiatives implemented.

Liquid of Life



Liquid of Life™



Social Project Description: We are working with T Green Life to make our office spaces greener by adding indoor plants, and to provide a yoga class around greenery to our employees.

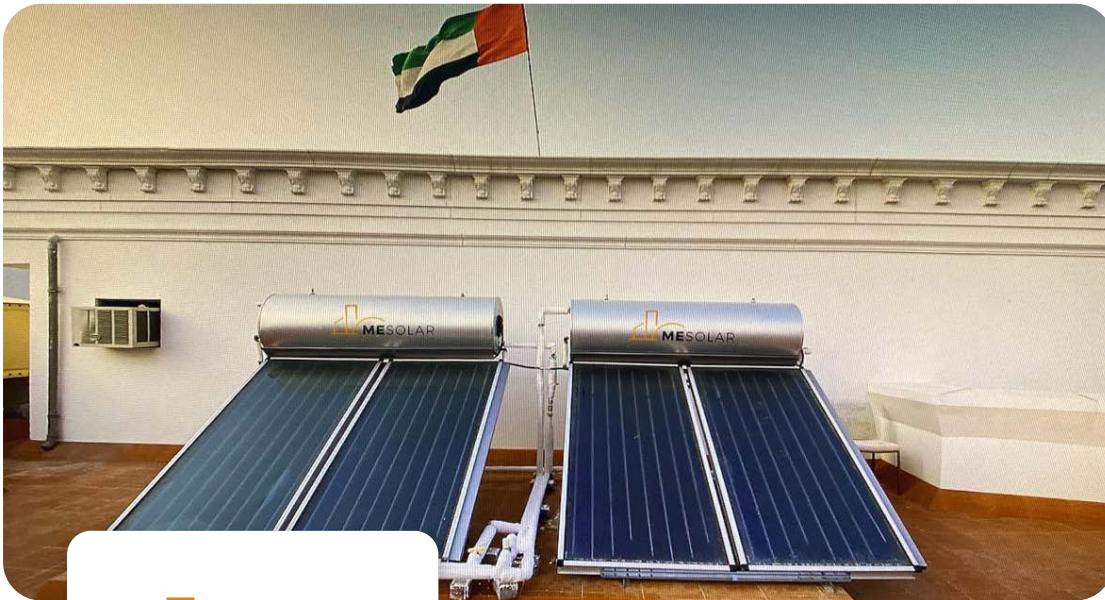
Project Impact: The greenery allows an improvement in indoor air quality and hence, improves the well-being of our employees, both mentally and physically. This is in addition to the well-being improvement provided by the yoga classes.

Lucky Recycling Limited



Environmental Project Description: Installed new air conditioner.

Project Impact: The new ACs consumed less energy.



Environmental Project Description: We are going paperless by ensuring all our paperwork is digital including quotations, invoices, receipts, job orders, and preliminary designs.

Project Impact:

We've invested \$500 in technology and software to implement this change. This investment is allowing us to save 205 kWhs of energy per annum, which equates to \$25.00.

As a result of this transition, we are able to save ~10,000 A4 and A3 pages from ending up in a landfill. This equates to roughly 600 kg of carbon saved per annum.



METITO



*Commitment to a
Cleaner Environment*



Environmental Project Description: Integrating solar PV panels to generate 90% of energy requirements for the LEED certified UAE Head office.

Project Impact: An estimated 320,000 KWh in energy savings and up to 30% decrease in facility operational expenses.



Social Project Description: A comprehensive HSE reassessment, restructuring and upgrading of labor camps hosting 300 employees working at the Dubai Investment (DIP) wastewater plant – the first BOT Project in the Middle East. The capacity for all labor camps was reduced by 50% in accordance with best practice for COVID 19 preventive and precautionary measures.

Project Impact: Securing further social distancing in all accommodations and guaranteeing a safer and healthier living environment. This resulted in no accidents/ incidents and no reported first-aid cases.



Governance Project Description: Metito Asia successfully completed the requirements of the ISO 45001 which entails the reduction of occupational injuries and diseases, promoting and protecting physical and mental health.

Project Impact: Metito Asia is now ISO 45001 certified and targets the following KPIs moving forward:

- Zero accidents/ Zero LTI
- 1 HSE inspection in UAE, Qatar and KSA projects per month
- Nil to 5 near miss reporting cases per month

Modern Plastic Industry



Environmental Project Description: We diverted waste from the landfill by recycling caps and closures to manufacture temporary tiles. 70% of the tile is made up of recycled materials.

This was in collaboration with our partner - Trident Trackway.

Project Impact: We estimate 252,000 kgs of diverted waste in 2022.



Environmental Project Description: Installing solar panels on our roofs in Modern Plastic Industry in Dubai Investment Park 1.

Project Impact: Savings of 25 percent on our energy bill, and energy savings of 1,379,500 KWH.



Environmental Project Description: NESR launched the ESG IMPACT segment in January 2021, which was designed to address key environmental issues such as water conservation and aquifer protection. It also tackles larger global challenges like climate change mitigation, where NESR can have a significant impact in the MENA oil and gas industry.

We provide field-based solutions to deliver fresh water from produced water as well as to deliver alternatives to traditional industry use of higher quality aquifer water for oilfield applications.

The water conservation and management product line is focused on delivering fresh water from produced water that is today either wasted or injected for reservoir pressure management or into disposal wells. We are currently working with Salttech SA, a water-treatment technology company based in the Netherlands, on developing several plants (25,000 to 100,000 bbl/day) to convert high salinity produced water into fresh water.

We also launched two pilot projects in Iraq and Saudi Arabia to impact several projects by treating high salinity produced water to freshwater quality with an objective of zero liquid discharge....



Continued....

(ZLD). The resulting fresh quality water can be used for multiple applications within the oilfield, e.g. smart water Enhanced Oil Recovery (EOR), crude washing to remove salt, reservoir pressure management, and drilling & completions. Such water can also be used for industrial and agricultural applications within the communities we operate in.

In the aquifer space, our focus is on providing water from previously unusable water resources due to high sulphate content in order to reduce industry reliance on high quality aquifers. We are evaluating potential plant and field capabilities with CleanTeQ, an Australian-based clean technology company, that currently operates an antimony treatment plant in Oman.

Project Impact: Too early to know the water savings. We should have this data in 2022 once the pilot projects in Saudi Arabia and Iraq are running.

Based on the scale & severity of the water scarcity challenge in MENA, the addressable water management market is both large & returns-rich (equal or greater to even the more advantaged growth avenues).

Empowering the All Electric Society



**PHOENIX
CONTACT**
INSPIRING INNOVATIONS



Environmental Project Description: In partnership with Emirates nature-WWF's "Target Climate Initiative", we carried out a Greenhouse Gas inventory for the years 2018-2020 to understand the sources of CO2 emissions in our local operations and identified key actions necessary to reduce them.

Project Impact: By 2021 we will have reduced our GHG footprint by 50%, with further reduction measures planned for the coming years. Increased awareness of the staff on topics related to GHG's and how they can make a positive contribution at the personal level.



Social Project Description: We partnered with Safe Space to discover and understand how we can create a more positive, supportive, and healthier work environment for our staff.

Project Impact: Staff voiced their feelings in a survey completed by 34 respondents. A workshop is planned to discuss the highlighted topics and ongoing actions shall be derived from these.



Social Project Description: We partnered with Companies For Good to discover a range of group activities that can have a positive impact on developing and nurturing team spirit within the organization.

Project Impact: This activity is yet to take place, however, we expect 38 of our employees to participate.

Sigma Factory for Steel Products



**Specialized Factory
for Steel Products**



Environmental Project Description: Installation of 1,844kWp Solar PV System which is connected to the DEWA Grid.

Project Impact: Average saving of 285,000KWh per month. Additionally, expected saving are 3,420,000KWh for 2022.



Environmental Project Description: Installation of Electric vehicle 4nos 22kwh charging station in our newly built solar car park.

Project Impact: Energy savings of 355KWh throughout the project. Additionally, expected savings of 4800KWh for 2022.



Environmental Project Description: With the help of the program, we launched our CoCreate program allowing designers in the country to work with us to upcycle ordinary furniture into a piece of art, leaving a positive environmental and social impact.

Project Impact: We have saved over 3000 products from ending up in the landfill. This is equivalent to 200 Containers if they have to be shipped.

We expect that we will be able to increase the percentag of reuse to 98% in 2022. Currently, we are at 90%.



TRIDENT TRACKWAY



Environmental Project Description: We have been aiming to reduce our carbon footprint by optimising our supply chain. To reduce transportation emissions, we changed one of our third party contract manufacturers of our recycled plastic flooring tiles to a manufacturer that is much closer to our own warehouse and facility.

Project Impact: Carbon Savings from Change of Factory Location

Estimated truck diesel consumption per 100km: 40 litres

Emission Factor for Diesel: 0.0031 tCO₂e/liter

Emission factor per 100km: 0.124 tons of CO₂

Previous distance: 8km from Jebel Ali plant to DIP warehouse =

0.00992 tons per truck = 9.92 kg per truck

0.00262 kg per tile

54km from Sharjah plant to DIP warehouse= 0.06692 tons per truck

= 66.92 kg per truck

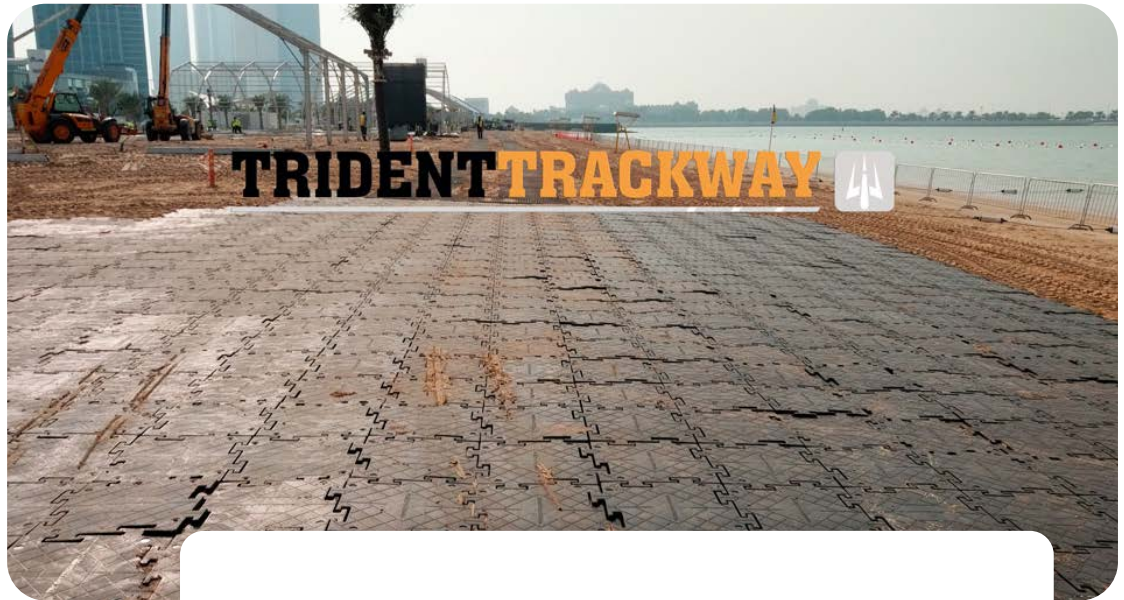
0.0177 kg per tile

Now: 3.5km from DIP plant to DIP warehouse = 0.00434 tons per truck = 4.34 kg per truck

0.00115 kg per tile

Reduction of 0.00147 kg per tile = 56.12% from Jebel Ali plant trucking

Reduction of 0.01655 kg per tile = 93.50% from Sharjah plant trucking



TRIDENT TRACKWAY



Environmental Project Description: We changed our third party contract manufacturer of our recycled plastic flooring tiles to a manufacturer that has significant volumes of waste polypropylene available in-house as a by-product of their own manufacturing of bottle caps and water pipe fittings.

Project Impact:

The in-house reject and surplus PP material does not require washing, processing, sorting, pelletizing or transportation.

Previous input material:

Virgin PP = 1.84 kg of CO₂ per 1 kg of resin (- 30% of 3 kg tile = 1.656 kg of CO₂ per tile)

Recycled PP = 0.53 kg of CO₂ per 1 kg of resin (- 70% of 3 kg tile = 1.113 kg of CO₂ per tile)

TOTAL: 2.769kg of CO₂ per tile

Now:

In-house PP = 0 kg of CO₂ per 1 kg of resin (- 30% virgin = 1.656 kg of CO₂ per tile)

TOTAL: 1.656kg of CO₂ per tile

Reduction of 1.113 kg per tile = 40.20%



TRIDENT TRACKWAY



Social Project Description: As we prepare to bring our production and recycling in-house, we want to ensure that we implement the correct employee welfare measures from the beginning. Furthermore, we have chosen to implement technologies into our recycling system that removes the need for a sorting line, since this is often a manual process with unpleasant and physically demanding working conditions.

Project Impact: One of the partners attended this course in preparation of having more employees. Attending the course educated us on the correct employee welfare measure.



Environmental Project Description: Solar photovoltaic Electric Energy Generation from Tristar's warehouse roof with a capacity of 500kW

Project Impact: Approximately 72% (reduction in DEWA energy consumption). In 2022, we estimate energy savings of 800,000 kWh per year.



Social Project Description: Tristar provided a fully equipped bus as a donation to the Rashid Center for People of Determination to enhance the center's fleets of buses which provided safe transport to the students studying in it. This will enhance the co-operation between the center and Tristar, and at the same time upgraded the capabilities of the center. Approximately 300 students of various nationalities residing in the Dubai benefited from it.

Project Impact: The project allowed for the integration of the public and private sectors, and contributed to the strengthening and deepening of the humanitarian message carried by the UAE.



Environmental Project Description: Establishment of a cutting-edge rooftop solar power plant to supply power for United Foods Edible Oil and Fats factory in Jebel Ali Industrial Area in Dubai, UAE. The project marks an important milestone in United Foods sustainability strategy, which aims to ultimately reduce carbon emissions by 1400 tonnes. To achieve this goal, the 2,000 kilowatt-peak rooftop solar plant is expected to generate 3.3 million kilowatt-hours of clean energy in its first year of operation. The plant, which will cover the entire area of the factory's roof in Jebel Ali, will include over 4,400 solar panels, and will provide almost half of the factory's energy consumption needs.

Project Impact:

- Over 50% savings off DEWA's electricity tariff
- 25 million AED saved over 25 years
- Over 700,000 AED saved in the first year of operation
- 3.3 million kilowatt-hours of clean energy generated in the first year of operation
- 78,000+ megawatt-hours of clean energy generated over 25 years
- More than 40% of factory's energy consumption met with solar

Wood Couture



Social Project Description: Implementation of Women's Empowerment Principles initiative (WEP) and use the WEPs Tool to assess and improve what the organization can do internally to progress on inclusion, diversity and social sustainability.

The project is in line with the Social Model we set out in our Sustainability Charter. By having a clear assessment of our baselines and guidance from experts, we are able to improve social standards starting internally and using our channels to support and promote relevant initiatives.

Plans and timelines are still being set out. However, it is intended to be an ongoing effort towards achieving gender equality and women empowerment in the workplace.

Project Impact: Metrics are yet to be identified, in accordance with measures implemented within WEPs. Our baseline is 70% of HQ workforce are women coming from around the world (Philippines, US, India, Uganda, UK).

Bahrain



LIVING BUSINESS



Environmental



Social



Governance

Airmech Company W.L.L.



Environmental Project Description: We are utilizing solar power for our company workshops, office operations and camp. facilities.

Project Impact: We expect 20% energy savings throughout the project.

Al Zayani Investments



استثمارات الزياتي (م.ش.م.ع)
ALZAYANI INVESTMENTS P.S.C. (Closed)



Environmental Project Description: We have undertaken the following sustainability initiatives:

- Changing lights to LED
- Installation of AC capacitors
- Installation of solar street lights in the compound of villas

Project Impact: We estimate approximately 20% of energy savings for 2022.



Governance Project Description:

Our project shall look at each initiatives of 17 Sustainable Development Goals and will ensure that each division and every employee are involved in the project to contribute to achieve overall objective . These goals focus on array of crucial themes, ranging from poverty and hunger to the life below water and climate action. We also aim to align our goals with our Business Partners who are committed to reducing their Greenhouse gas emission, being more environmentally conscious and walk towards sustainable growth.

Alongside, we are also working on an annual Sustainability Report that will showcase our contribution towards each SDGs and how Almoayyed International Group is committed towards Sustainability Growth and Sustainability Living.

Hence with support of our employees in every step of the way, we have chosen our project to include all the Sustainable Development Goals, as it fits best with our goals and ambitions.



ALMOAYYED
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Your Business, Our Solutions



ALMOAYYED
INTERNATIONAL GROUP
مجموعة المؤيد العالمية

Project Impact: Our governance project has led us to undertaking the following initiatives.

-SDG 1: No poverty

Yearly charity and donation

-SDG 4: Quality education

Formation of ACME Toastmaster and employee upskilling

-SDG 7: Clean and affordable energy

Switching to LED lights.

Installation of solar panel.

-SDG 8: Decent work and economic growth

Flexible working hours and work from home concept.

Recreation facility for staff and medical camps.

-SDG 9: Industry, innovation and infrastructure

Moving to paperless office, maximum use of online banking, Docu sign at group level, teams and zoom.

-SDG 11: Sustainable cities and communities

Switching to new vehicle with Euro 2 emissions hence reducing green house gas emissions.

-SDG 12: Responsible consumption & production

Implementation of revised IMS manual to incorporate ESG objective & confirm the regulatory compliance of ISO 9001, ISO 14001 & ISO 45001 standards.

Annual sustainability report to board members at AGM.

-SDG 13: Climate action

Replacing plastic bags with non-woven bags at group level for the year 2021 (approximately 20,000 bags).

Tree plantation

SDG 14: Life below water

Using airless spray machines

Beach clean up



Environmental Project Description: SPL is the lining material of retired smelting pots, consisting of insulation refractory, carbon cathodes, and steel collector bars. Steel collector bars are recovered for recycling while the insulation bricks, carbon cathode, and mixed fine materials must be sent to specialized landfills as hazardous waste.

In September 2019, ALBA announced the establishment of the first-of-its-kind SPL Treatment Plant in the Gulf region: this innovative plant is being constructed in collaboration with Bahrain's Supreme Council for Environment (SCE) and is a zero-waste process with a capacity to treat 30,000 - 35,000 tonnes of SPL per year, converting it to value added products. The estimated budget for establishing the SPL treatment Plant is close to US\$40 million.

Project Impact: SPL, once treated, can be safely transported around the world for usage as a secondary resource and feedstock for other industries in particular cement industry.

In 2020, ALBA produced 19,335 MT of SPL. Once the SPL Treatment Plant becomes operational, 100% of SPL will be treated by this plant

ALBA produces around 30,000 MT to 35,000 MT of SPL every year (each tonne of Aluminium produces 22 kg of SPL).



Environmental Project Description: LEED Gold certification was targeted for the new Passenger Terminal Building, Central Utilities Complex, and Multi-story Car Park with the objective of minimizing environmental impacts associated with construction and operations while enhancing occupancy thermal comfort.

The energy demand of buildings in Bahrain is dominated by air-conditioning systems. Energy reductions was achieved via sustainable design of the building envelope, in which low heat transmittance is attained for building façade, all materials, and eliminating potential thermal bridges.

Other implemented strategies include the installation of energy efficient systems such as energy recovery in the cooling system, integration of Building Management System to control installed equipment according to changing demand, etc.

Project Impact:

The new PTB aims to save 25% of energy comparing to the Baseline model which is equivalent to 12,565 tons of CO₂ annually. CO₂ emissions yearly savings of the new PTB is equivalent to CO₂ absorbed by planting 628,250 trees yearly.

Bahrain Aluminium Extrusion Co BSC closed



Environmental Project Description: Balexco Board of Directors have approved in principle a renewable energy solution. Pavilion Energy has offered a proprietary solution based on co-optimization of Variable Renewable Energy (VRE) i.e. wind and solar with Energy Storage systems (ESS). There are two other proposals from Yellow Door Energy and Clean Max for putting solar panels for the maximum possible roof area in our premises in Sitra Industrial Area, Bahrain.

A detail technical evaluation is likely to start by Oct after a Memorandum of understanding is signed with one of the vendors.

Project Impact: Energy generated through renewable sources over 25 years as per the current initial proposals is between 78,575 to 86,980 MWh around 25 % at current energy consumption & production levels.

Environmental Project Description: Reduce aluminium scrap generation and re-melt Aluminium scrap generated in the process. BALEXCO is looking at setting up an energy efficient aluminium scrap recycling plant in house. This will reduce the primary aluminium purchased from Smelter. There is a significantly lower power consumption when billet is (raw material) is made from recycled material as compared to conversion from Bauxite/ Alumina by a smelter. The intention is to use around 3000 MT of Aluminium scrap in the plant.

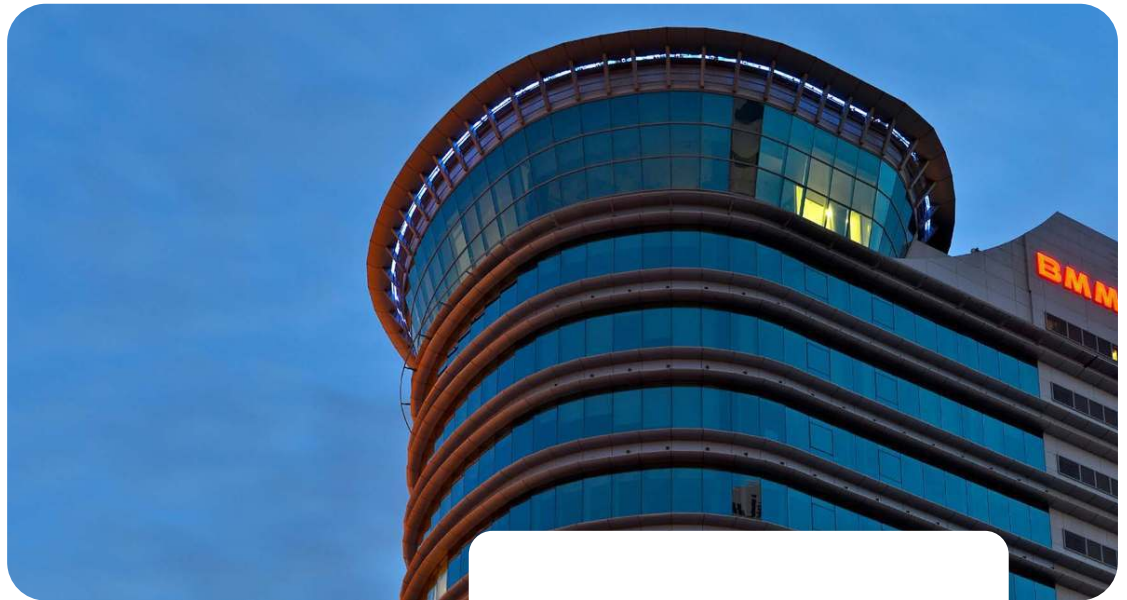


Project Impact: This project is expected to reduce aluminum scrap by a minimum of 2 percent . Initially, it was given externally for recycling and in the future it could be internally recycled.



Environmental Project Description: Balexco has designs for Window and curtain wall systems and manufactures the profiles for these systems. Balexco is working on new designs for Thermal Break systems which will have significantly lower U value compared to the existing systems. It is also engaging in discussions with the Bahrain Ministry of Housing to change to Thermal Break systems as these will result in significant lower energy consumption

Project Impact: The savings will be with the end user of the product / systems and cannot be quantified by at this stage.



BMMI



Social Project Description: On World Mental Health Day (October 10), BMMI launched its latest initiative to its Happy Hearts programme, the Group's wellness program. The focus of the initiative centered around mental health, an area which has proven to be important to employees., especially in light of recent challenges across the world with the pandemic and its repercussions. The launch took place in the corporate building where an entire floor was transformed into a mental health "experience". The Group teamed up with experts and professionals in mental health to tailor-make a programme that fits our employees' wants and needs. The event featured an introduction to mental health, as well as four experience rooms. These included a 'release your emotions' experience where participants picked cards with positive messages. The 'let it go' room featured five minutes with a boxing coach where people could release stress through physical activity. The third and fourth rooms included an introduction to counselling and a short session with a certified therapist, as well as a five-minute guided meditation. Employees also got to pick up some scented candles with customised messages from the BMMI team. The event marks the first initiative of what will be a focus on mental health as part of our corporate wellness programme. The Group has teamed up with a therapy center to offer employees workshops, training, support groups, one-on-one confidential therapy sessions, mind and body wellness sessions and prevention and wellness information.



BMMI

Project Impact: Monthly reports will provide meaningful insights with regards to the employee's uptake of the program as well as the type of issues they may be experiencing, highlighting areas that may be of organizational concern. This will in turn allow BMMI to measure sick days (if this number reduces), productivity, staff retention rates etc. BMMI will also be able to be adaptable enough to customize the programme depending on the findings.



Environmental Project Description: Intercol Green house warehouse Project for sustainability

We are executing a Green Warehouse Building, with intent to minimize carbon foot print, the first of its kind in Bahrain. Our objective is to get GOLD LEED certification by improved energy efficiency through solar, water conservation through recycling, rain water harvesting, air-conditioning and refrigeration system through Ammonia plant, better insulated building envelop with natural light. As we complete 25 years of ISO certification for 14001, this is a mile stone project towards our commitment towards CSR We follow stringent measurable energy & environmental KPI's.

Project Impact: The yearly requirement of the building is 570,000 kwh. The solar plant will generate 198691 kwh/year i.e. 34.8% approximately.

Kingdom Pride Center WLL



Environmental Project Description: We have introduced sustainable products such as sustainable toys made of recycled material, bamboo toothbrushes for consumers at our store and free cloth and paper bags for shoppers as an alternative to plastic bags.

Project Impact: Approximately 50 plastic bags a day are being diverted from the landfill through our initiative. We are expecting a 33% reduction in waste for 2022.



Social Project Description: We enrolled all our sales merchandiser in a 'Speak Easy' English Speaking Class. They were taught basic English speaking skills,

Project Impact: 20% of our staff participated in this initiative. These classes improved confidence and resulted in a more motivated sales force.



Environmental Project Description: We strive to bring about a shift in mindset by incentivizing the recycling of plastic, by providing redeemable in store shopping coupons to those who consciously drop off items at their closest recycle collection points.

Project Impact: We are yet to quantify our impact as it is not yet operational. We will implement this by November end this year.

Midal Cables

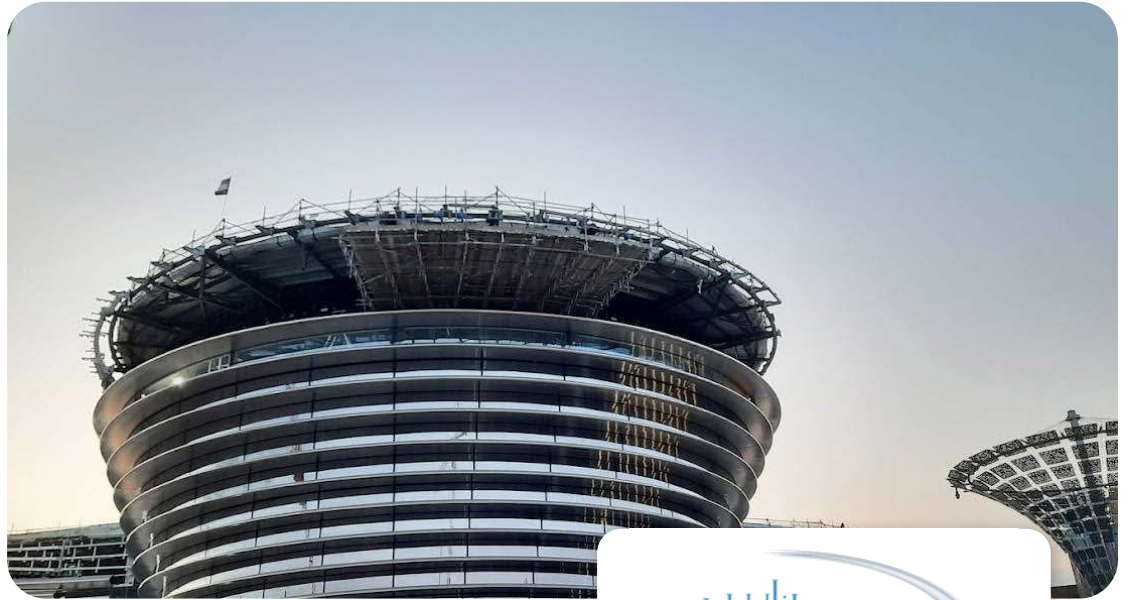


ميدال للكابلات
Midal Cables



Environmental Project Description: Midal Cables intends to install a 2.175 MW Rooftop Grid tied Solar plant at its factory in Askar, Bahrain to improve our energy mix by introducing a renewable source to the mix for the first time.

Project Impact: This project will generate approximately 3.4 GWh of energy per annum providing almost 10% of Midal's annual consumption.

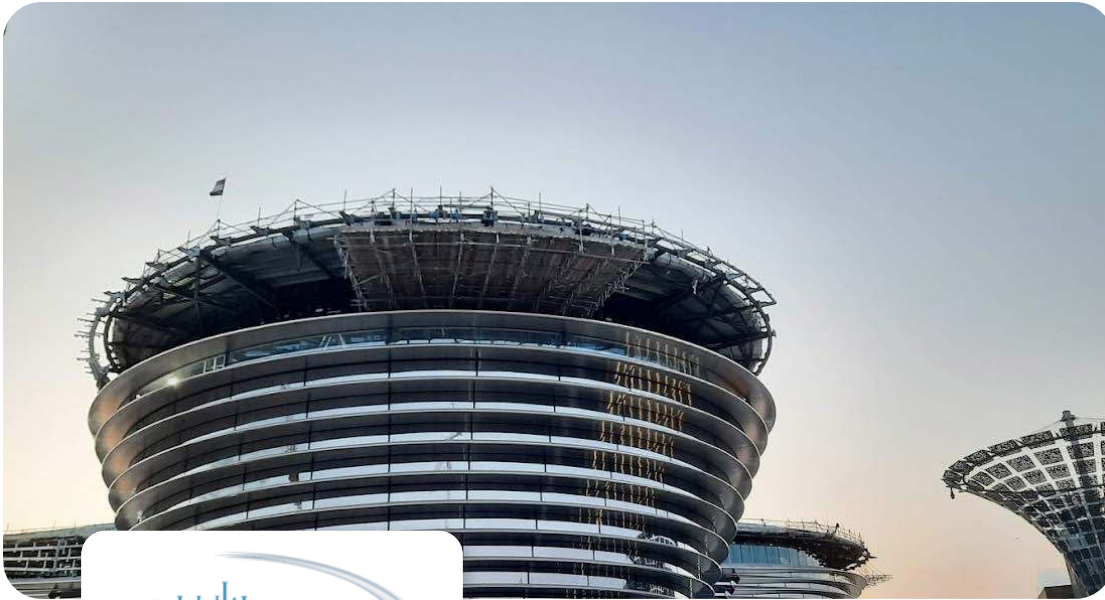


Social Project Description: During lockdown across our various operations we noted that our workforce (around 1000 employees) were both unable to travel home to visit families and attend to problems surrounding covid. We have created a mental health wellbeing program to assist them to be able to speak to peers/ professionals and enable us to provide a positive mental workplace for them.

We know the challenges involved in not being able to be with loved ones and created the program to enable our personnel to feel safe discussing their issues.

Project Impact:

1000 employees have participated in this initiative so far. However, we have not been able to quantify the impact as there isn't any means of measurement yet.



Environmental Project Description: As part of our CSR we aim to reduce energy consumption enabling us to minimise our carbon footprint. Due to the nature of our activities we are unable to reduce the amount of miles our vehicles run every year, however we are investing in maintaining more economical fleet of vehicles and reducing our overall fuel consumption.

Our various rooms in camps have been replaced where possible with low energy LED lighting and water reduction nozzles on the taps and shower heads.

This direct approach we have taken to address the planet's need to be environmentally conscious. Our investigations into sustainability have also led us to look at a collaboration with renewable energy experts in the region and plan on installing solar panels on our shed roofs in our main yard areas.

Project Impact:

Predicted between 5%-10 reduction (in % change in KWh).



Environmental Project Description: We are introducing refillable glass bottles as an alternative to plastic bottles for drinking water.

Project Impact: We expect to save 200,000 plastic water bottles from ending up in landfill by the end of 2022.



Environmental Project Description: TDE is putting focus on maximizing re-use of sea containers at our project sites. Although an efficient form of shipment, shipping containers tend to accumulate at our oil and gas projects. Their return to shipping companies has not been cost effective and they are otherwise expensive to dispose of. On the other hand TDE has always required module type working, warehouse and utility spaces for its in country offices. While in Bahrain, TDE has forward projected requirement of such office spaces for next 5-6 year at a minimum. TDE has determined that overall it will be energy efficient by life energy cycle assessment based on carbon and energy inventories of the key materials, construction methods, recycling process and transportations of personnel and goods to invest in recycling the sea containers and convert them into various office space blocks.

Project Impact: Generally studies for similar projects have shown overall energy efficiency of 34% occurs with such conversion.

Qatar

 **LIVING
BUSINESS**



Environmental



Social



Governance

Al Dana Switchgear



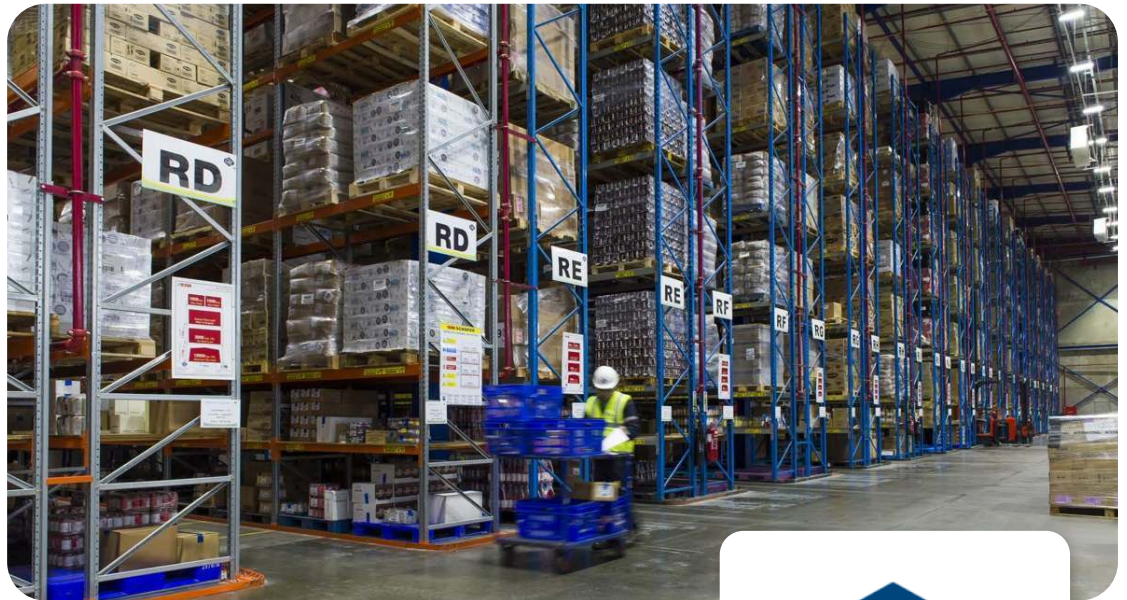
AL DANA
S W I T C H G E A R
الدانه لتصنيع اللوحات الكهربائية



Social Project Description: We have improved on health & safety through the following projects:

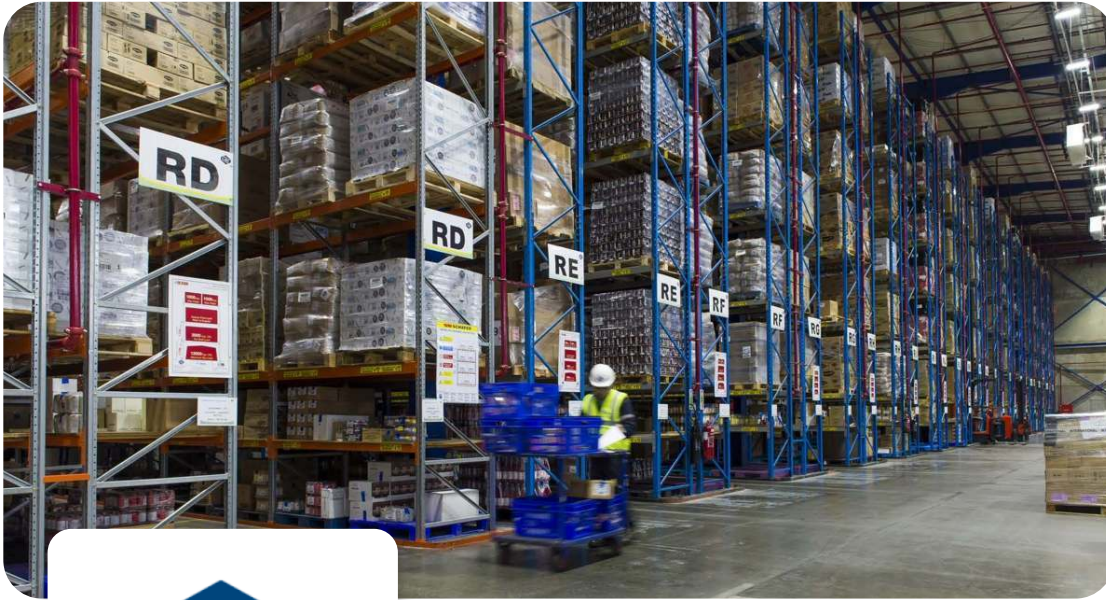
- We have improved our chemical store with a proper labelling for the painting/ coating materials.
- We provide good ventilation on the work-floor for our labours.
- We apply Qatar Civil Defence regulations in our facility and have regular inspection.
- We train our welders to stay safe whilst working.
- Signage and floor labels are provided for the safety of Visitors and employees.

Project Impact: This endeavor has allowed full staff awareness and training around health and safety.



Environmental Project Description: At GAC Qatar ICD (inland container depot), we intend to recycle and re-use waste water generated from container cleaning activities. We are investing approximately USD 60K for the plant and equipment.

Project Impact: Annually, we consume 90000 US gallons for the container wash activities, and through the proposed treatment plant, 85% of the consumed water will be reusable. With the current throughput in our facility, it's estimated that we will save approx. 75,000 gallons of water every year. It will also add value to stakeholders in terms of sustainable acts conducted in their business process and cost savings generated through this initiative. Global container carriers are one of the stakeholders involved in this process.



Environmental Project Description: GAC has created a Roadmap to Sustainability, established a Steering Committee and a Sustainability Working Group (SWG) to develop the group's Sustainability Strategy to facilitate changes in our contribution to saving the planet. To turn our Roadmap from words to actions from 1st January 2022 onwards, all our companies will be required to adhere to the following plan, with the first three points mandatory and the remaining 5 recommended.

3 Mandatory Sustainability Development Goals

SDG 12: Responsible Consumption and Production

Objective 1) Banning single use plastics by end 2021.

- Plastic cups and small bottles. ACTION before year end: to replace the cups and bottles with a sustainable alternative.
- Straws and single use cutlery – replace with metal cutlery and paper straws.
- All Corporate giveaways to be made from sustainable materials.

SDG 13: Climate Action

Objective 1) Net carbon zero by 2050 by the Group

- Local companies to work with the SWG to record and reduce carbon in the following areas:
 - Business travel
 - Diesel for trucks/vans/cars/forklifts/boats
 - Electricity usage



Environmental Project Description continued..

SDG 14: Life Below Water

Objective 1) To support CSR initiatives that align with SDG 14.

- Eyesea to be used if applicable.
- If Eyesea isn't locally suitable, SWG to recommend alternatives

Project Impact: This project will come into action from 1st of January 2022. All our companies will be required to adhere to the above plan.

Qatar Green Leaders

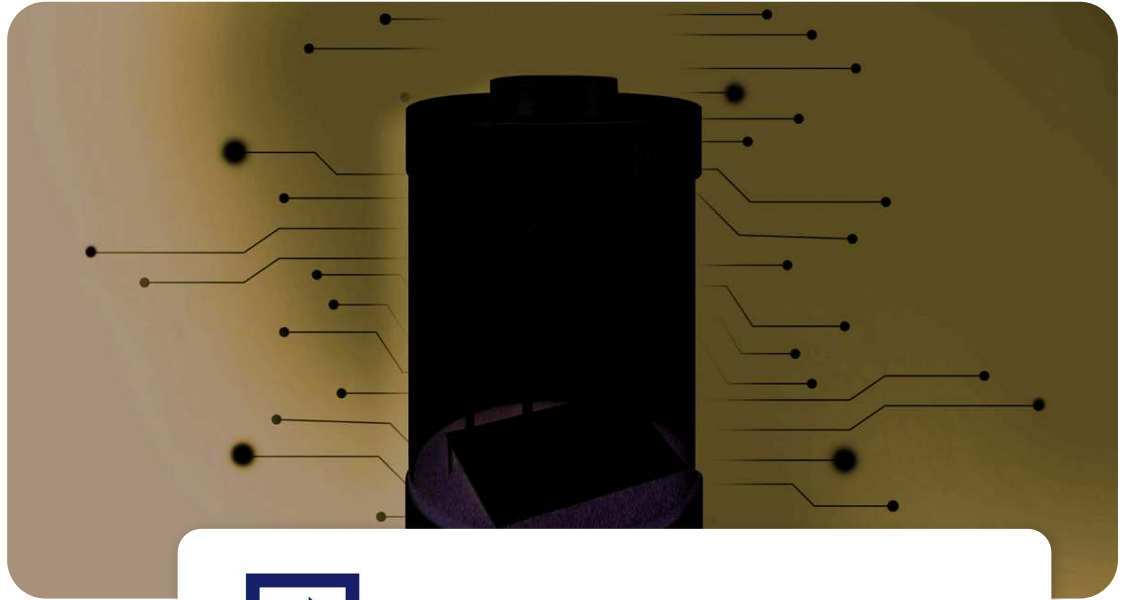


Qatar Green Leaders
THE FUTURE IS GREEN!



Social Project Description: Promoting employees' physical well-being by increasing awareness, encouraging group activities, improving indoor air quality and supplying ergonomic furniture. We believe in the importance of human capital to our company as the most important asset. Being a service provider company specialized in sustainability and green building, we encourage our team to practice sustainability on a day-to-day basis to remain consistent with our business.

Project Impact: 100% of employees actively participated in this initiative.



شركة سايت تكنولوجي قطر
SITE TECHNOLOGY CO. QATAR



Environmental Project Description: We are installing control modules to manage the operation schedule of our air-conditioning units to achieve energy savings. It is a step forward in establishing ourselves as energy efficiency leaders starting with our own office.

Project Impact: We are expecting to cover the cost of the project by the end of the 1st quarter of 2022. 25% expected annual energy savings as a result of the project throughout 2022 (in % change in KWh).



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Governance Project Description: With a focus on three scope emissions, we will develop the first sustainability reporting initiative for the company, aiming to maintain sustainability reporting for the company annually. We have decided to use GRI reporting standards. As a consultancy, we have the required caliber to perform the necessary activities to complete this project. Hence, a third party will not be involved.

Project Impact: It is expected to have a 5% reduction in CO₂, NO_x, SO_x considering reducing electrical consumption and emissions from employees transportation via cars and planes. Air pollution reduction as a result of the project throughout 2022 (in % change in tonnes of CO₂, NO_x, SO_x) is expected to be 10%.



Environmental Project Description: As a tourism company, our goal is to maintain cleanliness and becoming a sustainable company that can preserve the tourist sights for the next generations. That is why we are now implementing and offering continuous beach and desert cleanups. We are partnering with Al Meera supermarket and they are collecting all the plastic waste for recycling.

Project Impact: We expect a 40% ROI as visitors are more likely to come and visit the locations again as a result of this project. People really love participating in any sort of sustainability project. We estimate 50 Kg of waste to be diverted away from landfill per annum as a result of this project.

Oman

 **LIVING
BUSINESS**



Environmental



Social



Governance



مجموعة ال ماطر
Al Matar Group

Pioneers In Water Pipe Line Networks Since 1976



Environmental Project Description:

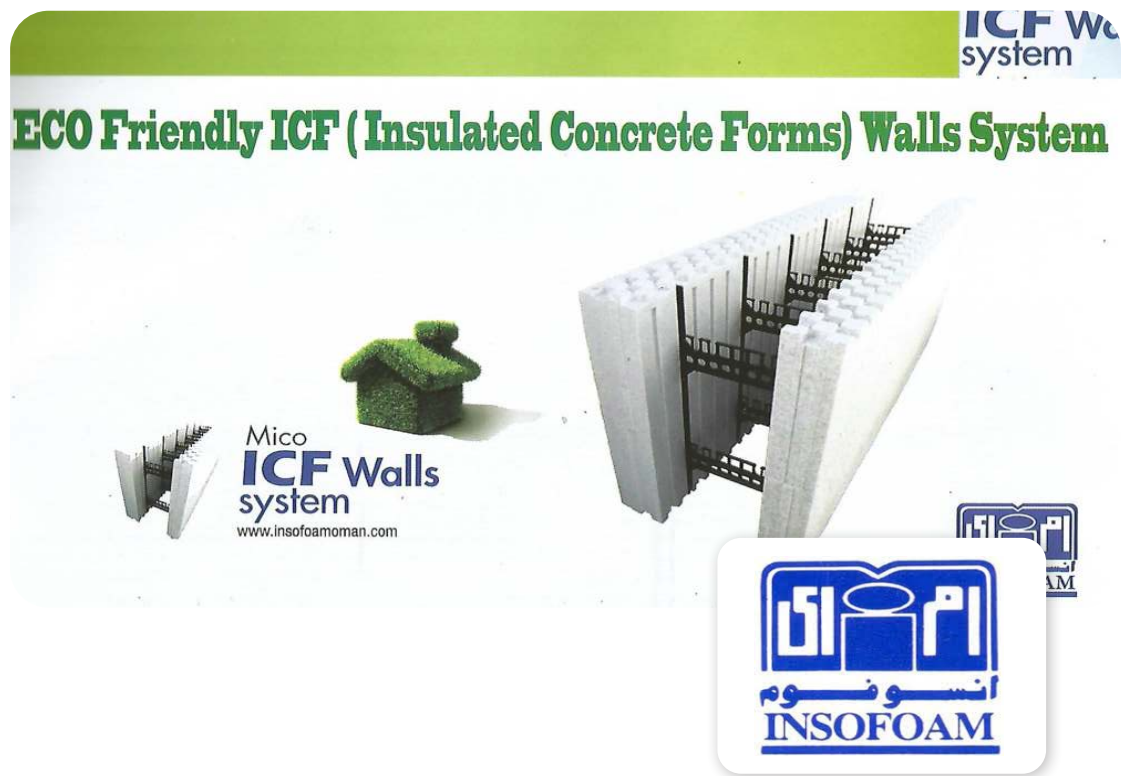
- Replacing office lighting to LED lights
- Gradually replacing the current LED lights to less wattage in order to reduce electricity consumption.
- Placing recycling bins in head office and site offices. We are currently having one type of recycling bin for paper and planning to include plastic and construction waste too.
- Reusing paper for internal usage, and draft revision of reports.

Project Impact: 25% expected decrease in waste as a result of the project throughout 2022 (% change in kgs/annum).



Environmental Project Description: In order to provide our customers a sustainable shopping experience, Beautifully is going plastic-bag free in 2021.

Project Impact: This endeavor has saved 333 plastic bags from going to landfill.



Environmental Project Description: We are changing our conventional lights to LED lighting with Gulf Compass International Co.L.L.C . This is in line with our business of saving energy.

Project Impact: 21% Expected annual energy savings as a result of your project throughout 2022 (in % change in KWh).

Netherlands Embassy in Oman



Kingdom of the Netherlands



Environmental Project Description:

-One of the easiest and cost efficient ways of reducing our energy consumption was to replace all interior and exterior lighting with LED. We will also replace the outdoor lighting (where possible) with solar lights (pending finding a supplier).

- The embassy will start implementing waste segregation at our premises for paper, plastic, metal and general waste. We are separating paper, plastic and cans and disposing them ourselves at the nearest recycling collection point, until we manage to get a contract with a waste recycling company.

Project Impact: Diverting (at least part of) our waste contributes to our goal of reducing our CO2 emissions and also raises awareness amongst our staff on the importance of reducing waste and promotes sustainable practices such as avoiding single use plastic items and responsible consumption.

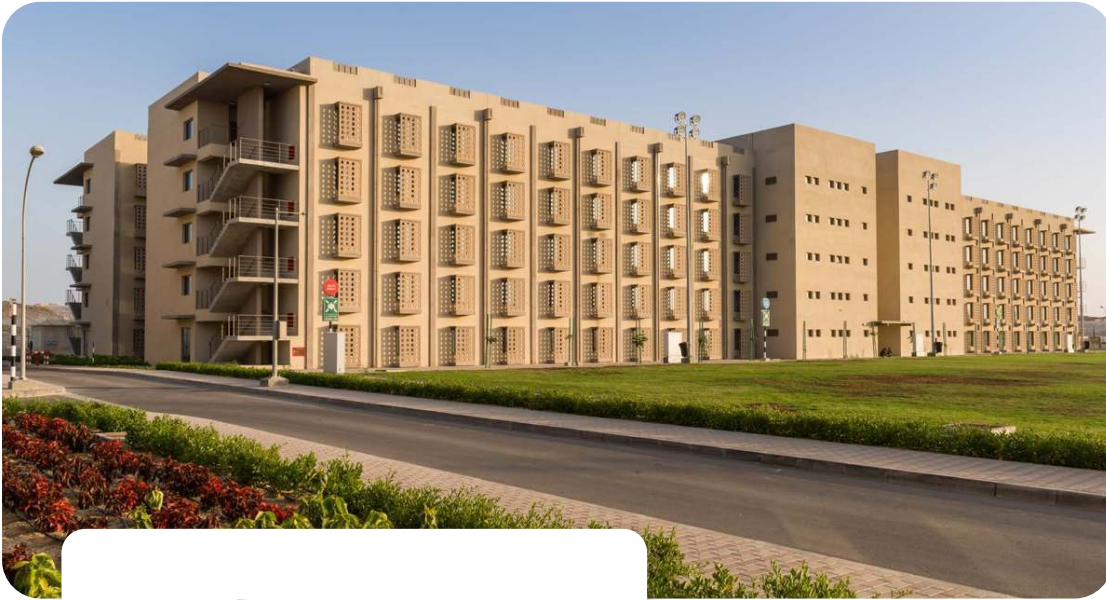


OMAN CONVENTION
& EXHIBITION CENTRE
مركز عُمان للمؤتمرات والمعارض



Environmental Project Description: OCEC will be collaborating with Total Energies, a world leader in renewable energy, by installing solar panels on various roof tops of the Exhibition Centre. The project will be completed in 6 to 8 months after implementation. We expect the project to be implemented early 2022. A project of this size is of the first in nature in our industry and community, hence we expect to pave the road for other big establishments in the future.

Project Impact: This endeavor is expected to produce over 4 MW of clean energy, resulting in energy savings on the power needed from the fossil fuel powered grid and hence, cost savings that can then be partially directed toward more environmentally focused initiatives. The expected energy savings throughout the project (in % change in KWh) is 22.10% with an estimated ROI of 42.80%.

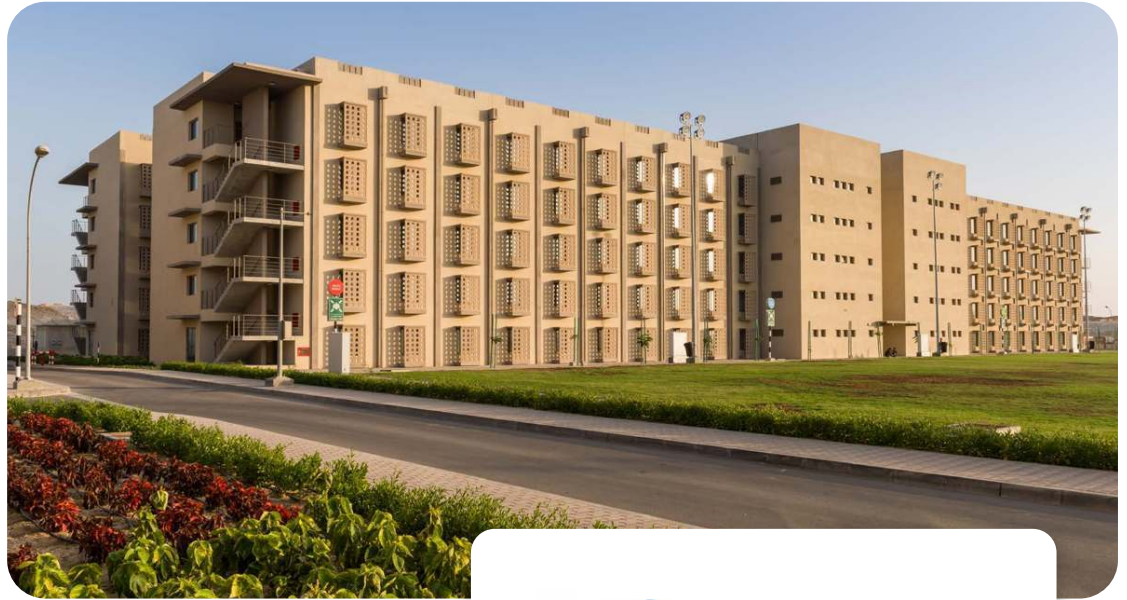


Environmental Project Description: We are undertaking a solid waste diversification initiative at Renaissance Village Duqm (RSVD). Currently waste is collected by a local community contractor from RSVD, which is then dumped at the Duqm landfill. The proposed project will be set up within RSVD, where the food & organic waste will be converted into compost, and PET bottles and paper/ cardboard will be segregated for recycling. The project also plans to convert used cooking oil into bio deisel. We are outsourcing this activity to an SME to support local companies and improve In-Country Value (ICV).

Project Impact: Advantages of the project include

- 1) No waste accumulation at site
- 2) Diversion of waste from landfill
- 3) Reduction in carbon footprint
- 4) Lower cost of waste management.

360 tons per annum of waste is diverted away from landfill; (90% diversion away from landfill).



Social Project Description: Renaissance Corporate QHSE with software solution provider, Aegis, has implemented a QHSE Incident Management solution, which provides a 360 view of incidents giving a holistic approach to HSE Reporting. The system fully supports iOS and Android Apps which have the functionality to report statistics. Software modules are as follows:

- HSE Incident Reporting & Investigation
- Service Quality Incident Reporting & Investigation Management
- Behavior Based Safety Management
- Audit Compliance and Tracking
- Training Compliance Management
- Equipment Certification Tracking
- Meeting Management
- Non-Conformance Tracking
- Management of Change
- Risk Assessment
- Permit to Work
- HSE KPI & Monthly Reporting
- Dashboard and Quick Views

Project Impact: 40 staff have actively participated in the implementation of this software and have received training till date. This QHSE application has been rolled out across all our operations (over 100 sites in Oman). All sites will use this application to report their QHSE data and other relevant information on a regular basis.



Environmental Project Description: We have launched EV Technology, the first brand in the Sultanate of Oman to focus exclusively on electric vehicles brands. The brand has released its first smart electric vehicle brand, Zhidou. Following its great success in the EU and China, this new electric vehicle leads the development of Micro-Traveling.

The initial release is of the smart D2S model which supports urban daily transportation, corporate deliveries, and home charging.

EV Technology's Vision of a Green Tomorrow ensures that tomorrow is brighter and greener with what they do today and aligns with Oman's 2040 vision by benefiting the economy, sustainability, society and business responsibility.

EV Technology will also be introducing two other EV brands based on market evaluations and requirements for vehicles that are not smart models. The release will be announced in October 2021.

Project Impact: As per our goal forecast on sales, education, awareness program for 2021-2022 ; we strive to excel for a 2% reduction in air pollution, focusing to begin with capital city Muscat that has average of 45AQI high levels of air pollution .

Egypt



LIVING BUSINESS



Environmental



Social



Governance



Governance Project Description: We are establishing an environmental , social and governance annual reporting system using the GRI and ISO framework. This project covers the entire business. The three most important metrics that we track are carbon footprint, community investment and number of beneficiaries from our community support projects.

The objective of our project is to establish a transparent means of communication of our Environmental, Social and Governance actions towards achieving SDGS for our key stakeholders.

The drafting phase is completed. Finalization, validation and publishing phases are expected to be completed by the end of 2022.

Project Impact: Target figures are currently in the consolidation phase.

Black and Romans Machinery



Environmental Project Description: We have implemented the following projects in 2021 to reduce our environmental footprint:

- We have saved energy by swapping to LED lights
- We have reduced our paper-use by moving all our brochures online.

Project Impact: The net savings from both the projects is 8000 EGP.

- We saved almost 50% of energy from the LED lighting swap.
- We saved 2000 paper brochures by moving our brochures online.

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Environmental Project Description: Our project will focus on replacing all the physical cards and booklets in the insurance and healthcare sector with digital ones.

Project Impact: This helps our clients go paperless by sending subscription receipts electronically and making medical booklets digital in 2021. It will get rid of all the plastic and paper materials used by the middle of 2022.



Environmental Project Description: EGAAD specializes in making customized liquid organic fertilizers by recycling organic waste. We have optimized our operational processes to reduce our environmental footprint as follows:

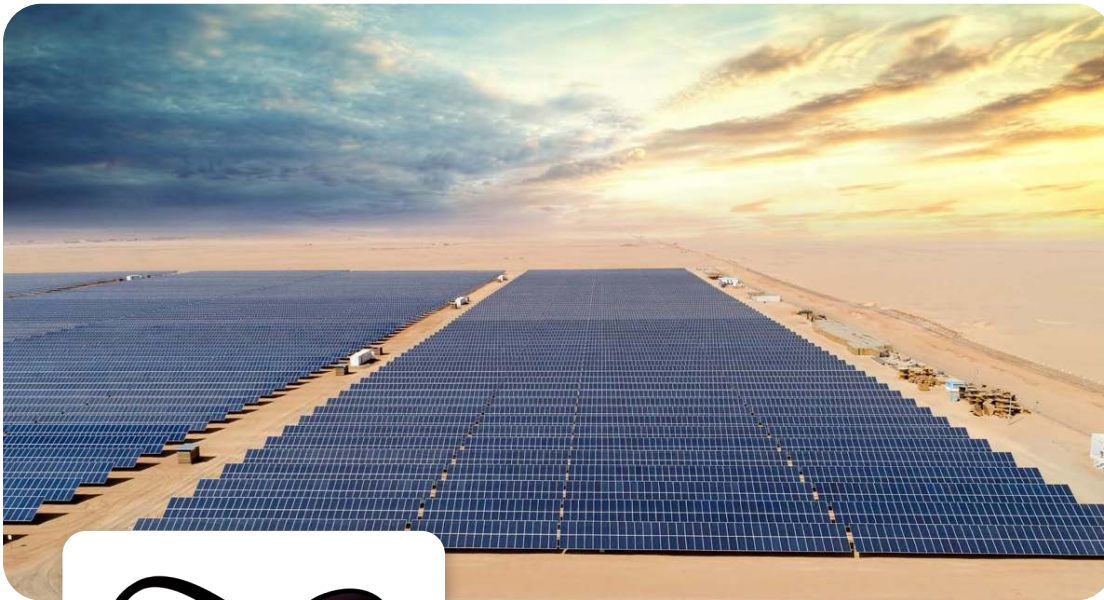
- Using sustainable materials in our manufacturing process
- Our manufacturing depends on renewable energy resources
- Optimizing our supply chain by collecting the organic waste at closed tankers to reduce greenhouse gas emissions
- Concerning the storage of our final products, we depend on the room temperature with optimizing a good condition to store the products instead of turning on the AC.
- Replacing our paper invoices with digital invoices that are sent to our clients' emails.

Project Impact: By recycling organic waste, we reduce greenhouse gas emissions which is the main cause of climate change. The results of using our products during the validation stage is reducing the amount of water used in the irrigation by half.



Social Project Description: Creating jobs for the rural youth.

Project Impact: Increasing young individuals' awareness on their responsibilities towards developing the community they belong to.



Environmental Project Description: Replacement of all plastic water bottles to reusable flasks for the Cairo office.

Project Impact: Decrease in 30-50% of plastic usage



Social Project Description: We are using a new bottom-up approach to engage employees to take the initiative to improve overall sustainability. This will allow any employee to submit ideas and to be project owners for sustainable initiatives and improve their work environment to make it more efficient and sustainable. We have started the first phase of the program in August and we will be going into phase two by mid September. The program should be self sustaining and should enable continuous engagement of employees at all levels in the company.

Project Impact: In phase 1 all company employees in Cairo office are involved.



Governance Project Description: Developing a framework for our overall business to track and report on our Sustainable goals and initiatives.



PEPSICO



Environmental Project Description: Solar plant implementation

Project Impact: reduce 2% of our power consumption. Expected annual energy savings of 950K KW/year



Environmental Project Description: With liquid waste being a major waste stream for Rameda, a comprehensive feasibility study was conducted with the purpose of finding the most cost-efficient way to treat the Group's wastewater. Based on its results, management opted to install a new in-house wastewater treatment station and Rameda has successfully completed the technical and financial framework for the project, in partnership with El Wataneya Water Technologies.

This new wastewater treatment station is expected to be fully operational before the end of 2021 and is anticipated to treat over 800 m³ of water per day out of the 1000 m³ of water currently consumed by Rameda daily. Ozone is utilized as an oxidizing agent to destroy all bacteria, algae and biofilms within the water system. After pre-treatment, including straining and chemical treatment of wastewater, ultrafiltration and nanofiltration systems are used to remove any remaining particles in the water system.

Project Impact: Rameda's new wastewater treatment station is expected to generate an ROI of 24% on the back of a 50% reduction in annual water expenses. The project's cost recovery will occur over a four-year period. Rameda's new in-house wastewater treatment station is anticipated to save around 165,000 m³ of water in 2022, reflecting a potential 50% in water savings per annum.



Environmental Project Description: Rameda finalized an agreement with Egypt's largest privately owned gas distribution company, NATGAS, and the Industrial Development Authority (IDA), to begin substituting its use of diesel for natural gas. Rameda's natural gas project was aimed at switching the power source for the HVAC systems and boilers at Rameda's factory from diesel to natural gas. The switch would allow us to reduce the 2 million liters of diesel that are consumed per year by the HVAC systems and boilers to zero liters per year upon the project's completion.

Project Impact: The natural gas project has allowed Rameda to record significant reductions in air pollutants over the course of 2021. On this front, we managed to reduce our levels of CO₂ by 95%, SO₂ by 99%, and NO₂ by 75% in 2021 compared to the previous year.

Rameda anticipates further reductions in air pollutants in 2022 as it continues to reap the benefits of its natural gas project. This includes a forecasted reduction of 96% of CO₂ to 2,073 tons, 99% reduction in SO₂ to 2,073 tons, and a 74% reduction in NO₂ to 24,192 tons in 2022.

The project is expected to generate an ROI of 28% assuming a depreciation life of 10 years.



Environmental Project Description: As part of our organizational culture, as a sustainability education consulting firm we should communicate internally values and measures that we believe in and this is a core part of our strategy. Hence, we have undertaken the following initiatives:

- Reducing water consumption inside the company head office by using aerators.
- Reducing electricity usage per month by installing LED lights instead of our old conventional lighting bulbs.

Project Impact: 50% reduction in annual water consumption and 75% less energy in lighting.



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