香港館指南
Hong Kong Pavilion DIRECTORY

27-30 • 10 • 2021

贊助機構 Sponsor:

環境保護署
Environmental Protection Department

統籌機構 Implementation Agent:

香港工業總會
FHKI Federation of Hong Kong Industries

推動綠色復甦　邁向碳中和
Promoting Green Recovery for Carbon Neutrality

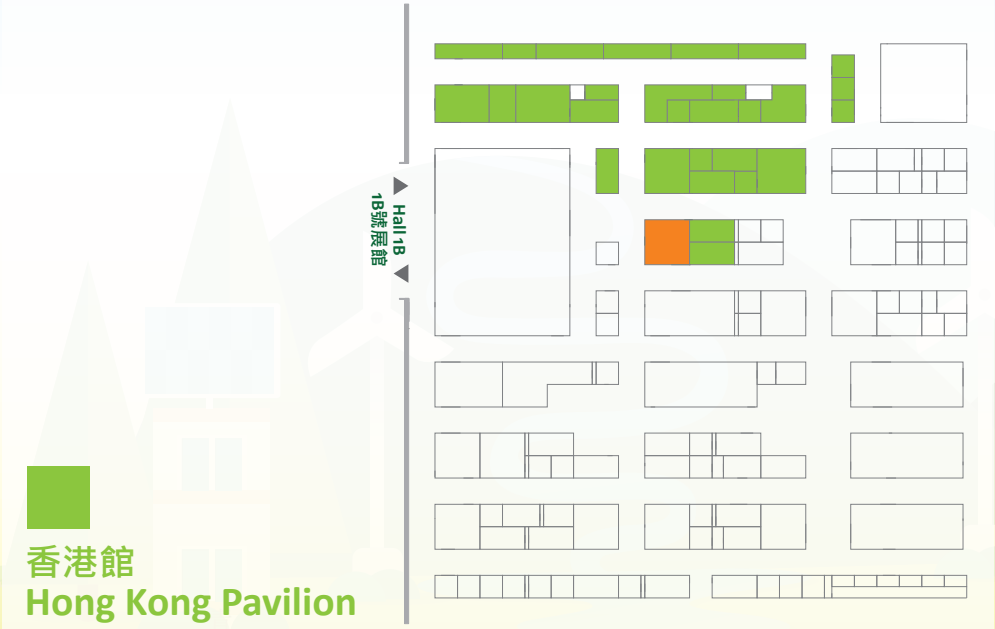


ECO Expo Asia
國際環保博覽
International Trade Fair on Environmental Protection

香港館場地平面圖 Hong Kong Pavilion Floor Plan



第16屆國際環保博覽假香港會議展覽中心1B號展館舉行。
The 16th Edition of Eco Expo Asia is held in Hall 1B of the Hong Kong Exhibition and Convention Centre.



* 資料截至2021年10月22日，如有更改恕不另行通知
Subject to change as of 22 October 2021

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「香港館」簡介

香港特別行政區政府環境保護署（環保署）一直積極推動香港環保產業發展，繼續於今年第16屆國際環保博覽設置「香港館」，以支持香港環保企業和機構於這個重要的商貿平台，展示其環境技術、服務和產品，並促進他們與內地及海外業界交流，共拓商機。

今年，「香港館」共有29家香港環保企業和機構參與，展示涵蓋多個類別的環保技術、服務及產品，包括空氣、污水、廢物和廚餘的處理技術及解決方案；廢物回收及循環再造設備和技術；節能及可再生能源設備和技術；環保檢測認証；可持續發展和碳管理策略顧問服務；智能環境監測方案；環保產品的設計與製造等。專題展區則展示環保園的最新發展、回收基金及清潔生產伙伴計劃。此外「香港館」亦設有會議交流專區，方便參展企業和機構與參觀人士及其他參展商透過面談、講座、宣傳視頻等，進行對接洽談，建立聯繫，拓展商機。

本名錄刊載了「香港館」參展企業和機構的公司簡介及業務範圍概要，以便參觀人士瞭解和聯繫他們。

免責聲明：
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Introduction to Hong Kong Pavilion

The Environmental Protection Department (EPD) of the Hong Kong SAR Government (HKSARG) has been actively promoting the development of the environmental industry of Hong Kong. EPD continues this year to set up a "Hong Kong Pavilion" in the 16th Edition of Eco Expo Asia to support Hong Kong's environmental enterprises in showcasing their environmental technologies, services and products as well as facilitating them to exchange with Mainland and overseas business trade for exploring business opportunities.

This year, the Hong Kong Pavilion allies a total of 29 Hong Kong environmental companies and organisations showcasing a wide range of environmental technologies, services and products. They include air pollution, wastewater, waste and food waste treatment technologies and solutions; waste recovery and recycling facilities and technologies; energy efficient and renewable energy equipment and technologies; environmental testing and certification, consultancy for corporate sustainability and carbon management strategy; intelligent environmental monitoring solutions; design and manufacturing of eco-friendly products; etc. The thematic exhibition booths will showcase the latest development of EcoPark, the Recycling Fund and the Cleaner Production Partnership Programme. Furthermore, a dedicated meeting area is provided for participating exhibitors to conduct business matching and networking with visitors and other exhibitors through various activities such as meetings, seminars, promotional videos, etc.

This directory contains brief introduction on company profile and business scope of the exhibitors in the Hong Kong Pavilion and serves as an easy reference for visitors to learn more about and establish networking with them.

Disclaimer:
The information contained in this Directory is compiled from information provided by the exhibitors. The implementation agent and the HKSAR Government are not responsible for any loss or damage whatsoever arising out of or in connection with any information in this Directory; and do not endorse or approve any technologies, services or products promoted by the exhibitors in the Hong Kong Pavilion. Users are responsible for making their own assessment of all information contained in this Directory and are advised to verify such information with the exhibitors.

展位編號
Booth No.
1B-A10

裕風先達有限公司
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公司簡介
Company Description

裕風先達是一家提供一系列暖通空調及室內空氣淨化產品及服務的企業。從前以預製複合的風管板材及系統設計為主要產品，曾經代理多款空調相關的產品，現為日本品牌Nisshinbo旗下的橫流風機在港澳的獨家代理。多年來，裕風先達遊走港澳及內地市場，亦有進一步踏足東南亞市場如新加坡，累積不少客戶，包括威尼斯人、中國高速鐵路、澳門氹仔碼頭、城市大學、Megabox、保良局及匡智會等等。最近六年，我司開始進入空氣淨化和室內空氣質素的市場，為客戶提供專業的顧問服務，檢測服務和來自各地的優良產品，希望為不同界別的客戶提供一站式的服務。

Air Trade Centre Ltd. is a company that specialises in ventilation and indoor air quality products and services. Our primary products include pre-fabricated and pre-insulated air ducts and (Nisshinbo) induction long fans, of which both have built a strong project reference in Hong Kong, Macau and the inner mainland area. For the past 6 years, we have expanded our ambition to assessment and enhancement of indoor air quality. As a partner of BSRIA (Building Services Research and Information Assocaition) from UK, we provide airtightness testing service, indoor air quality assessment, as well as a series of products that use the most efficient technologies to deal with indoor air pollutants. From central AC system to household usage, we aim to establish a one-stop consultancy service for all kinds of clients.



工作案例
Job References



中國中車車廂
CRRC Corporation Limited
Cabinet system

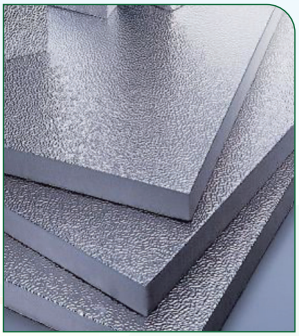


澳門威尼斯人金光會展
The Venetian Macao Cotai Expo



企業廣場5期
Megabox Twin Office Tower

產品
Products



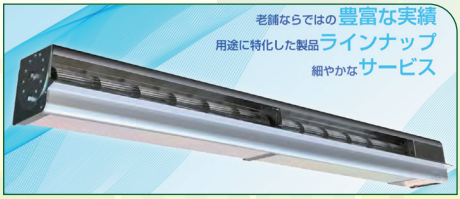
預製保溫風管板材
Pre-insulated Air Duct Panel



Oxyvital AirOLife 醫療級別
空氣清新機
Oxyvital AirOLife



康風空氣淨化機
Kang Feng Air Purifier



Nisshinbo旗下的橫流風機
Nisshinbo Long Fan

展位編號
Booth No.
1B-D21

兆豐科技設備有限公司
BillionGroup Technologies Ltd

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公司簡介
Company Description

兆豐科技設備有限公司於1991年成立，經過30年的發展，兆豐已成為具領導性的能源環保顧問，並就以下五個主要範疇為香港、大灣區、中國以至一帶一路地區提供廣泛的專業服務及解決方案：

1. 碳與能源管理 – 改善能源及運作效益
2. 廢物管理、廢物回收及轉廢為能
3. 綠色運輸服務 – 包括機場、大眾運輸及高速公路
4. 私募基金–用於開發綠色項目
5. 針對Covid-19的延長持續消毒解決方案

兆豐從香港到中國內地、國外及「一帶一路」國家的業務得以穩定發展，有賴公司擁有這些範疇的專家級經驗及來自世界各地不同國家的優秀人才團隊。兆豐計劃將公司在1991年訂立的願景「塑造能源，共創美好的世界」實現至全球層面。

BillionGroup Technologies Ltd. was incorporated in 1991. With development for 3 decades, BG has successfully evolved into a leading Energy and Environmental Consultant to provide an extensive range of services and solutions for the following five directives in Hong Kong, Greater Bay Area, China, as well as One Belt One Road (OBOR) Region.

1. Carbon & Energy Management for Energy Efficiency and Operational Efficiency Improvement
2. Waste Management, Waste Recycling and Waste to Energy
3. Green Transportation Services including Airports, Mass Transit System
4. Private Equity Fund for Green project development
5. Extended-duration disinfection solution against Covid-19

From Hong Kong to Mainland China, Foreign and OBOR countries, with our expert experience in these areas coupled with our top-notched talents located in different countries and regions around the world, BillionGroup has been invited to support the national development of infrastructure including Energy, Waste and Transportation. We believe that our vision "To Shape Energy for a Better World" since 1991 will be realized with coherent resonance around the world.



BillionGroup Technologies Ltd.
兆豐科技設備有限公司

工作案例
Job References

兆豐的客戶群包含政府、跨國公司、工業企業、物業發展商及EPC承包商(工程、採購及施工)等等。近年，兆豐被多個位於「一帶一路」地區的國家邀請以協助發展國家級能源、廢物及運輸方面的基礎設施。憑藉我們擁有這些範疇的專家級豐富經驗及來自世界各地不同國家和地區的優秀人才團隊，我們確信我們可以攜手塑造一個更美好的世界。

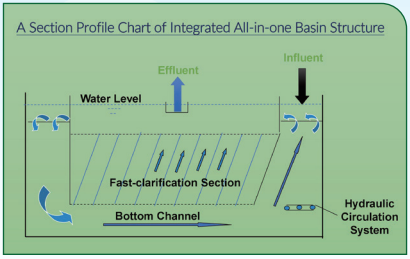
The customers of BillionGroup include Governments, Multi-national Corporations, Industrial Enterprises, Property Developers, EPC Contractors, etc. In recent years, BillionGroup has been invited by some countries in the One Belt One Road Region to support the national development of infrastructure including Energy, Waste and Transportation. With our expert experience in these areas coupled with our top-notched talents located in different countries and regions around the world, we believe we can shape a better world.



能源環保顧問服務
Energy & Environmental Consulting Services



循環經濟 - PET塑料瓶回收技術
Circular Economy Technology for Recycling Plastic PET Bottles



革命性生物污水處理技術
Revolutionary Biological Wastewater Treatment Technology



無化學水處理
Non-chemical Water Treatment

展位編號
Booth No.
1B-A22

低碳亞洲有限公司
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公司簡介
Company Description

2008年，一群在環境和社會發展方面的專業精英創立了低碳亞洲。公司提供企業可持續發展和碳管理策略諮詢、減少溫室氣體排放、增強氣候應變力、可持續金融、可持續發展知識提升以及環境、社會及管治(ESG)匯報服務。

低碳亞洲的總部設於香港，客户遍及製造業、金融、物業管理、物流、運輸、專業及公共服務和非政府組織等。2017年，我們擴展至新加坡，為東南亞地區的客户提供服務。

CCA was founded by top environmental and social development professionals in 2008. As a mission-driven company, we provide a wide range of consultancy services for corporate sustainability and carbon strategy, greenhouse gas emissions reduction, sustainable finance, sustainability learning and environmental, social and governance (ESG) reporting.

Headquartered in Hong Kong, CCA has been serving a variety of clients from different sectors and trades, including manufacturing, finance, property management, logistics, transport, professional and public services, and NGOs. In 2017, we expanded to Singapore to serve the Southeast Asian region.



「低碳關懷標籤」
CarbonCare® labels

CCA 低碳亞洲
SUSTAINABILITY SOLUTIONS

工作案例
Job References

在香港的亞洲領先海洋主題公園

- 客户委托低碳亞洲進行覆蓋全園的獨立碳評核及制定一個十年的減碳策略及路線圖。

香港最大的物業投資及發展公司之一

- 低碳亞洲多年來一直協助該客戶編制其可持續發展報告，並協助其製定可持續發展「2030願景」。

可再生能源方案供應商

- 低碳亞洲於2020年協助新加坡一家領先的太陽能獨立發電商核證其全球綠色債券框架，以獲取氣候債券倡議組織(CBI)的認證。

Asia's leading ocean-themed park in Hong Kong

- CCA was engaged by the client to conduct an independent audit of its carbon footprint and develop a 10-years strategy and roadmap to reduce its carbon emissions.
- Through this partnership, the client publicly committed to reducing its absolute carbon emissions by 10% and its carbon intensity by 25%.

One of the largest property investment and development companies in Hong Kong

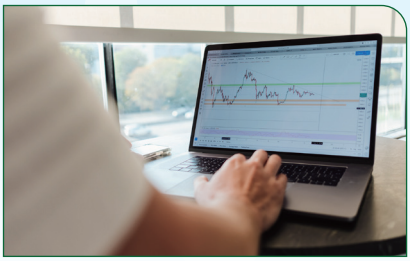
- CCA was commissioned by the client to prepare its sustainability report for several years, and support the formulation of its sustainable development "Vision 2030".

Renewable energy solution provider

- Our client is a leading Singapore-based solar independent power producer (IPP) that builds, owns and operates solar PV systems for commercial, industrial and public sites in the Asia Pacific region.
- CCA was engaged by the client in 2020 to assist in the verification of its Global Green Bond framework to obtain certification from the Climate Bonds Initiative (CBI).



減碳 | 氣候方案
Carbon | Climate Solutions



可持續金融
Sustainable Finance



可持續發展策略 | 報告
Sustainability Strategy | Reporting

展位編號
Booth No.
1B-A16

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公司簡介
Company Description

齊合環保集團有限公司(簡稱"齊合") (港交所主板上市00976.HK)，是全球最大的金屬回收上市公司之一，業務廣泛涵蓋黑色金屬、有色金屬、報廢汽車、電子廢棄物的回收利用，動力電池綜合利用，及再生鋁錠製造和廢潤滑油的回收與處理。

2016年，齊合成為順爾茨集團全資母公司，強強聯手成為一家擁有150年悠久歷史的公司，也是全球唯一一家營運網點遍佈亞洲、歐洲和北美洲的再生金屬企業，在全球擁有超過240個處理加工廠及料場，並具備行業領先的報廢汽車拆解能力。

2020年，齊合處理並銷售了430萬噸再生產品，等量換算後減少碳排放約780萬噸，為創造可持續經濟做出了貢獻。

齊合綠色環保有限公司(ECO)是齊合的全資附屬公司，在元朗工業村擁有一塊佔地240,000平方尺的綜合回收中心，提供環保和自動化處理。認證包括：廢物處置牌照、Responsible Recycling (R2), ISO 45001, ISO 27001, ISO 14001, ISO 9001, and OSH Star Enterprise Award。

Chiho Environmental Group Limited (hereafter referred to as "Chiho") (00976.HK) is one of the largest publicly listed global scrap metal recycling companies with extensive operations in the recycling of ferrous and non-ferrous metals scraps, end-of-life vehicles, powered battery and electronic scraps and the production of secondary aluminum ingots from aluminum scraps.

In 2016, Chiho completed its acquisition of Scholz Holding GmbH ("Scholz"), one of the world's largest mixed metal recyclers with advanced end-of-life vehicle processing capabilities and over 150 year's history in scrap metal recycling. Strongly integrated with Scholz, Chiho expands its geographical presence across Asia, Europe, and North America and possesses more than 240 processing plants and yard operations.

In 2020, Chiho processed and sold 4.3 million tones of recycled products, which reduced carbon emissions by about 7.8 million tons after equivalent conversion, doing its part in creating a sustainable economy.

Chiho Eco Protection Ltd. (ECO) is a wholly-owned subsidiary of Chiho and owned a premises with 240,000 square feet integrated recycling center with environmentally sound automated processing in Yuen Long Industrial Estate. Certifications includes: Licence to Dispose of Waste, Responsible Recycling (R2), ISO 45001, ISO 27001, ISO 14001, ISO 9001, and OSH Star Enterprise Award.



顺尔茨 SCHOLZ 齐合环保 CHIHO

150 YEARS RECYCLING FOR CLOSED LOOPS.

工作案例
Job References

我們的核心業務
Our core business



電子廢料收集、拆解及回收
Collection, dismantling and recycling of e-wastes



廢鋼貿易
Ferrous metal trading



再生銅
Recycled Copper



再生鋁
Recycled Aluminum



再生黃銅
Recycled Brass

有色金屬加工、破碎及分選
Non-ferrous metal processing, shredding and sorting

展位編號
Booth No.
1B-B01

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簡介
Description

本計劃為香港特別行政區(香港特區)政府環境保護署(環保署)聯同當時的廣東省經濟和信息化委員會(現稱廣東省工業和信息化廳)於2008年所開展，協助位於香港及廣東省的港資工廠採用清潔生產技術和作業方式，以帶來環境和經濟效益。

This Programme was launched in 2008 by the Environmental Protection Department (EPD) of the Government of the Hong Kong Special Administrative Region (HKSAR) in the collaboration with then Economic and Information Commission of Guangdong Province (now the Department of Industry and Information Technology of Guangdong Province). It aims at encouraging and facilitating Hong Kong-owned factories in Guangdong Province and Hong Kong to adopt cleaner production technologies and practices, thereby making a positive contribution to improving the regional environment.

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清潔生產
Cleaner Production
Partnership Programme
伙伴計劃

工作案例
Job References

1. 資助項目申請，包括實地評估項目、示範項目及機構支援項目
2. 清潔生產成功案例介紹，包括技術成效、成本及潛在經濟回報

1. Funding Applications for On-site Assessment, Demonstration Project and Organisation Support Initiative
2. Sharing of Proven Cleaner Production Technologies including their effectiveness, actual costs involved and potential financial return



新一期清潔生產伙伴計劃單張
Leaflet of the New Phase Cleaner Production Programme



展位編號
Booth No.
1B-B31

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公司簡介
Company Description

香港中華廠商聯合會工業發展基金有限公司(CMA Testing)為HOKLAS及HKIAS認可的第三方實驗室，提供全面環保方案，包括室內空氣質素檢定、碳足印及環保產品性能評估、碳及能源效益評估、ESG、綠色樓宇評估、水質和聲樂測試、氣味測試、退伍軍人症化驗、生物降解測試、REACH及RoHS等。

CMA Industrial Development Foundation Limited (CMA Testing) is the first accredited Certificate Issuing Body (CIB) for Indoor Air Quality under the Hong Kong Inspection Body Accreditation Scheme (HKIAS). Our IAQ parameter measurement is accredited under the Hong Kong Laboratory Accreditation Scheme (HOKLAS).

Our service scopes include measurement of air, water, noise and odor, green building assessment (BEAM PLUS and LEED), carbon & energy audit, product carbon footprint evaluation, ESG consultancy, performance evaluation of environmental products, Legionella analysis, biodegradability test, REACH, RoHS, etc.

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工作案例
Job References

機電工程署、香港機場管理局、環境保護署、渠務署、水務署、港鐵公司、俊和建築工程有限公司、新鴻基地產、新福港集團、新世界建築有限公司及大型物業管理公司、其他上市公司。

Electrical and Mechanical Services Department, Airport Authority Hong Kong, Environmental Protection Department, Drainage Services Department, Water Supplies Department, MTR Corporation, Chun Wo Construction & Engineering Co. Ltd, Sun Hung Kai Properties Ltd, Sun Fook Kong Group, New World Construction Company Limited, sizeable property management companies and other listed companies.



水質分析
Water Quality Analysis



室內空氣檢測
Indoor Air Quality Measurement



碳審計及能源審計服務
Carbon and Energy Audit Services



綠色建築檢測
Green Building Measurement
(BEAM Plus, LEED, WELL)

展位編號
Booth No.
1B-A12

正昌資源及科技有限公司
Dunwell VMAT Co., Ltd

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公司簡介
Company Description

憑藉先進科技和超過28年的經驗，正昌集團一直致力提供專業環保技術及服務。業務包括：

- 提供水處理技術，包括工業污水和生活污水的處理及回用的系統設計及安裝
- 提供潤滑油技術，包括廢油回煉再生系統設計及安裝、油品化驗服務及調配潤滑油技術
- 提供清潔生產顧問服務；集團是香港特別行政區環境保護署「清潔生產伙伴計劃」顧問及工程服務供應商，擁有由國家環境部註冊清潔生產評核師及資深環保專家組成的清潔生產顧問團隊
- 提供環保技術及顧問服務，包括水及電力資源應用分析及節能系統的設計及安裝
- 提供一站式環保服務，包括收集/處理/清理廢潤滑油、廢機油、廢水、廢電池及其他化學廢料

With over 28 years of professional experience in providing technological environmental solutions, Dunwell's services include:

- Providing water treatment solutions such as design and installation of industrial wastewater treatment and grey water treatment and reuse system;
- Providing lubricating oil related technologies such as re-refining/recycling of used lubricant oil, blending of lubricant oil products and analysis service as a preventive maintenance measure
- Providing Cleaner Production Assessment and Demonstration projects to help PRD factories to reduce their pollution emissions
- Providing energy, water and indoor air quality audits, consultations and technical solutions to enhance companies' energy/water saving and efficiency
- Collecting and treating wastes such as wastewater, oily contaminated wastewater, used oil, used rechargeable batteries and other chemical wastes



DUNWELL GROUP

工作案例
Job References

- 中國內蒙 : 大唐煤制氣RO濃水再濃縮處理系統
- 中國北京 : 北京危險廢物處置中心廢油處理及再生系統
- 中國上海 (化學工業區) : 環保資源化回收與廢乳化液的綜合利用及集中處置項目
- 中國香港 : 130多個公共廁所
- 中國青島 : 嶗山旅遊區公共廁所

- Da Tang - Further concentration of RO concentrate for coal gasification (Inner Mongolia, China)
- Beijing Hazardous Waste Treatment Center - Vibratory Membrane Advanced Treatment (VMAT) for used oil recycling (Beijing, China)
- Shanghai Chemical Industry Park - Environmental Resources Recycling, Integrated Reuse and Treatment Project (Waste Emulsified Fluid Treatment Project) (Shanghai, China)
- Over 130 Public Toilets at Country Parks (Hong Kong, China)
- Laoshan Tourist Area Public Toilet (Tsing Dao, China)



大型煤化工廠零排放項目
Zero Liquid Discharge for Coal-to-Chemical Industry System



正昌其中一個西貢高級住宅區的DMBR膜生物污水處理及回用項目，為客戶處理及回收污水
One of the Dunwell's projects in Sai Kung for treating and reusing the sewage water using our award winning DMBR Membrane BioReactor technology



正昌榮獲2017香港工商業獎設備及機器設計大獎
Dunwell receiving the 2017 Hong Kong Awards For Industries: Equipment and Machinery Grand Award



正昌於第46屆日內瓦國際發明展獲得評判特別嘉許金獎
Dunwell won the Gold Medal with the Congratulation of Jurys at the 46th International Exhibition of Inventions of Geneva.

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1B-B13

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公司簡介
Company Description

ECOOL AIR CO Ltd是一家中央空調技術和紫外光殺菌除垢系統公司，其母公司位於澳洲墨爾本。公司業務包括：

1. ETCO板管蒸發冷卻式中央空調 - 採用最新板管平面液膜蒸發專利技術，較傳統風冷式空調和水冷式空調分別提升35%和15%製冷效能。
2. ECA紫外光殺菌除垢系統 - 用於清除中央空調冷卻水水塔內的退伍軍人桿菌、水垢，以及消除生活污水中的大腸桿菌以達到排污標準。
3. 對上述產品提供全面原廠保養和24小時維修服務。

ECOOL AIR CO Ltd (ECA) is specialised in HVAC systems and Ultraviolet Disinfection System , with our parent company situated in Melbourne, Australia. Our scope of business includes:

1. ETCO Plate-tube Evaporative Condensed Chiller - adopts the patented Liquid Film Evaporative Condensing Technology for direct cooling of refrigerant of the chiller. It is a more efficient alternative that enhances performance by 35% and 15% compared to the traditional air-cooled and water-cooled chillers respectively.
2. ECA Ultraviolet Disinfection System - eliminates Legionella and sludge in water cooling towers, and reduces the amount of Escherichia coli in domestic sewage to meet discharge standards.
3. We provide manufacture warranty and 24-hour maintenance services.



工作案例
Job References

2017年，我們為某食品公司位於葵涌的工場安裝ETCO板管蒸發冷卻式中央空調機組(製冷量：84kW)。經委託獨立認可實驗所進行為期36個月至2020年的監察及檢測，其結果完全符合香港機電工程署對空調機組的製冷能效和冷卻水水塔的水質要求。

2018至2019年為香港政府水務署位於龍翔道的機電工場安裝兩台ETCO板管蒸發冷卻式中央空調機組(製冷量：1040 kW)。新機組比較首2年同期節省了42%耗電量，因此獲得機電工程署在今年4月開始於現場設置一套自動系統實時監察及紀錄空調機組運行數據作研究。

2019-2020年為肯德基位於土瓜灣的中央處理工場安裝五台ETCO板管蒸發冷卻式中央空調機組(製冷量：420 kW)，機組運行穩定並符合其衛生安全的要求。

有更多的工作案例在公司網站。

In 2017, we installed an ETCO Plate-tube Evaporative Chiller (cooling capacity: 84kW) for a food processing center in Kwai Chung. The performance of the Chiller had been monitored and verified by HOKLAS laboratory up to 2020. The System COP and water quality of the Chiller fully complied with the EMSD's Code of Practice.

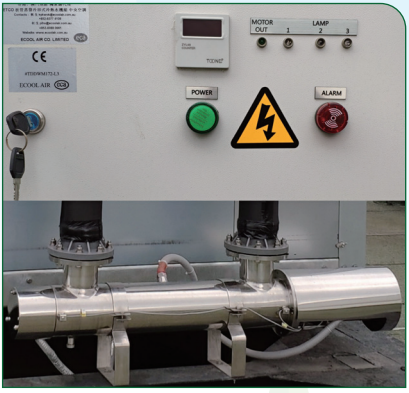
In 2018-2019, two ETCO Plate-tube Evaporative Chillers (cooling capacity: 1040 kW) were installed at the Water Supplies Department's M&E factory. As a result, energy consumption of the chiller plants was recorded with 42% saving. Hence since April 2021, EMSD has implemented an Automatic Data Monitoring and Logging System for the chiller system on site for studying the real time performance of the chiller system.

In 2019-2020, five ETCO Plate-tube Evaporative Chillers (cooling capacity: 420 kW) were installed at KFC's Central Processing Plant in To Kwa Wan. The Chillers work steadily and meet the hygiene requirements.

Please visit our website for more job references.



ETCO板管蒸發冷卻式中央空調機
ETCO Plate-tube Evaporative Condensed Chiller



ECA UV紫外光殺菌除垢系統
ECA UV Disinfection System

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公司簡介
Company Description

環保園是香港特別行政區政府其中一項促進減少和回收廢物為重點的廢物管理策略。環保園位於香港屯門，佔地20公頃，是香港首個專為循環再造業發展而興建的設施，以可負擔的租金為回收業提供長期土地，從而鼓勵業界投放資金，發展先進及增值的循環再造技術。現時園內租戶回收處理多種廢料作循環再造；並設有環保園訪客中心，歡迎預約參觀。

EcoPark, located at Tuen Mun, Hong Kong, is one of the key initiatives of HKSAR Government's strategy on waste management that places emphasis on waste reduction and recovery. EcoPark has a total area of 20 hectares and it is the first recycling-business park in Hong Kong aiming to provide long-term land at affordable cost to recycling industry in Hong Kong with a view to encouraging investment in advanced technologies and value-added recycling processes. Our tenants engage in recycling of various waste materials. EcoPark Visitor Centre is welcome to be visited by advanced booking.



環保園 – 香港首個專為循環再造業發展而興建的設施
EcoPark – The first recycling-business park in Hong Kong



環保園 EcoPark

租戶 Tenants

廢電器電子產品回收商 WEEE Recycler

歐綠保綜合環保(香港)有限公司
ALBA Integrated Waste Solutions (Hong Kong) Limited

億達再生資源有限公司
E. Tech Management (HK) Limited

廢塑膠回收商 Waste Plastic Recycler

碧瑤廢物處理及回收有限公司
Baguio Waste Management & Recycling Limited

新立鋼德福環保科技有限公司
HP Telford Envirotech Group Limited

廢橡膠輪胎回收商 Waste Rubber Tyre Recycler

安發隆創新資源有限公司
On Fat Lung Innovative Resources Limited

廢食油回收商 Waste Cooking Oil Recycler

倡威科技有限公司
Champway Technology Limited

廢木材回收商 Waste Wood Recycler

香港生物質(木材)環保有限公司
Hong Kong Biomass (Wood) Collect and Recycle Company Limited

建築廢料及廢玻璃回收商 Construction & Demolition Waste and Waste Glass Recycler

嘉華建築材料有限公司
K. Wah Construction Products Limited

廢金屬回收商 Waste Metal Recycler

眾裕鋼鐵集團有限公司
Chung Yue Steel Group Company Limited

廢電池回收商 Waste Battery Recycler

香港電池回收中心有限公司
Hong Kong Battery Recycling Centre Limited

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Booth No.
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公司簡介
Company Description

我們以「數據驅動」的廢物管理方法協助客戶注入可持續發展，將可持續發展整合至逆向供應鏈管理的每一個環節，為客戶在社會及環境帶來正面影響，並增加商業回報。

- 幫助企業、品牌、產品和活動實踐碳中和，並在過程中與消費者建立互信。
- 廢物管理分析包括在製造、服務和辦公環境中識別、量化、減少和預防廢物。特許廢物管理經理會幫助制定廢物管理策略及了解廢物產生狀況。

We drive sustainability for our customers through a data driven waste management approach, by integrating sustainability in every process of reversed supply chain management so as to enable our customers to have greater positive impacts to the society and environment with higher business return.

- We help organisations, brands, products, services and event(s) to obtain carbon neutrality and instil consumer trust in the process.
- Waste Analytics is also one of our service scopes which involves identifying, quantifying, eliminating and preventing waste in manufacturing, service and office environments. Our chartered waste managers help you to define strategies and understand your status of waste production.



透過社會合作達至各個聯合國可持續發展目標
Achieving United Nation Sustainable Development Goals by Social Collaboration



ecosage
Empowering Sustainability

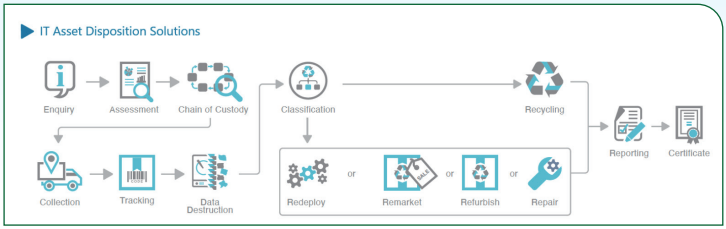
工作案例
Job References

衡睿以可持續方式管理客戶的剩餘資產，超過500多間商業客戶，尤其是時尚頂尖奢侈品牌和全球《財富》500強企業，使用了我們的逆向供應鏈管理服務。

客戶：
柯尼卡美能達、永旺、酪悅·軒尼詩 - 路易·威登集團、開雲集團、嬌生公司、美高梅酒店、香港電訊有限公司、港鐵、住友商事、政府部門等。

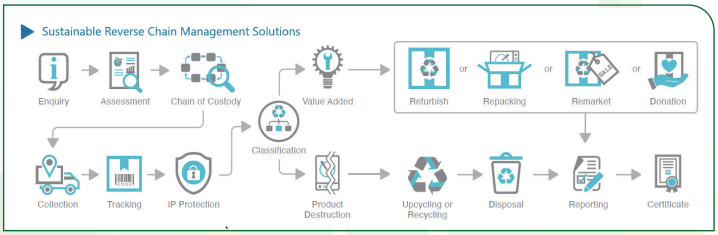
More than 500 companies, especially fashion industry leaders and Fortune Global 500 enterprises have used our reverse supply chain services to manage their returned and surplus assets in a sustainable mean.

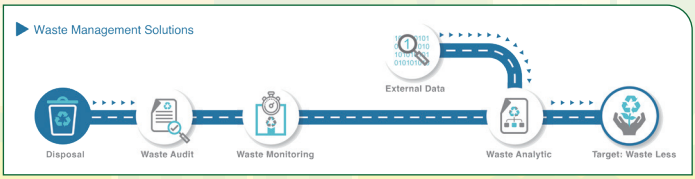
Clients:
Konica Minolta, AEON, LVMH, Kering, Johnson & Johnson, MGM, PCCW, MTR, Sumitomo, HKSAR, etc.



資訊科技資產處置方案
IT Asset Disposition Solutions

可持續產品回收計劃及逆向供應鏈管理方案
Sustainable Takeback System and Reverse Chain Management Solutions





數據化廢物管理方案
Data Driven Waste Management Solution

展位編號
Booth No.
1B-B21

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Ecosmart Energy Management Limited

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公司簡介
Company Description

提供「一站式」專業可再生能源工程及能源管理服務，從產品設計及開發、項目構思、設計、籌備到施工安裝。投資項目的部分「上網電價」收益將捐助予「WWF世界自然基金香港分會」以推動香港可再生能源發展。金門建築位於科技園、英基及匡智會學校的三大項目於中電「2020創新節能企業大獎」獲得「可再生能源卓越大獎」及「可再生能源傑出大獎」。

Established in Hong Kong for more than 10 years. Specialised in renewable energy engineering and energy management. Our management and technical team consists of a number of senior engineers and energy specialists who have rich experience in the field and are committed to promoting green technology. Our professional team is familiar with relevant Hong Kong building regulations, electricity safety requirements and the “feed-in tariff” application process, providing customers with “one-stop” solar system installation services; and has been widely known for focusing on industrial, commercial and housing estate customers. In 2020, three solar energy projects, including Gammon Construction Limited at Technology Park, ESF and the Hong Chi Association School had won the “Renewable Energy Grand Award” and “Renewable Energy Excellence Award'' at the CLP Smart Energy Award 2020. In addition, “Garner U Green Award” of “U Green Awards 2020-21” was received.

Being the most committed contractor in HK in promoting green energy, our team wishes to shoulder the social responsibility and actively promote cooperation between the business sector and environmental protection groups. Part of the “feed-in tariff” proceeds will be donated to the “World Wide Fund for Nature Hong Kong – WWF” to promote the development of renewable energy in Hong Kong.



工作案例
Job References

全港最大型的太陽能項目 - HAECO位於香港國際機場的飛機維修庫(3兆瓦)、幸福醫藥 (2兆瓦)、齊合環保 (1兆瓦)、金門科技園、英基及匡智會學校、富寶花園、匯泉國際、喬奧華、南順集團、美心集團、東涌國泰城、屯赤隧道、財利船廠、新巴、城巴車廠、新渡輪總部、生利工廈、又一城、容龍酒家、煥然懿居、金獅花園、翠寧花園等

The largest solar project in Hong Kong - Rooftop of HAECO's Aircraft Maintenance Hangar No. 2 and 3 at the Hong Kong International Airport (3 MW); Fortune Pharmaceutical (2 MW) and Chiho Environmental Group (1 MW) located in Yuen Long Industrial Estate, Gammon Technology Park under Gammon Construction in Tseung Kwan O Industrial Estate; over 10 campuses of the English Schools Foundation and the Hong Chi Association Schools, Saddle Ridge Garden, Telford International, KYOWA, Lam Soon Group in Tai Po Industrial Estate, Maxim's Group, Tung Chung Cathay City, Tuen Mun-Chek Lap Kok Tunnel, Cheoy Lee Shipyard, New World First Bus and Citybus Depot, Sun Ferry Headquarters, C. A. Picard, Yuen Long Warehouse, Sunray Industrial Centre, Westin Centre, Hop Hing Industrial Building, Sunley Centre, Golden Plaza, Festival Walk, Tsing Yi Industrial Center, Kin Wing Commercial Building, Dragon Inn Seafood Restaurant, eResidence, Golden Lion Garden 1, Tsui Ning Garden, Sunshine City 2, Tung Wah Group of Hospitals Kwok Yat Wai College, TWGHS Chang Ming Thien College, TWGHS Yiu Dak Chi Memorial Primary School, TWGHs Lui Yun Choy Memorial College, ISF, Po Leung Kuk Stanley Ho Sau Nan Primary School, HK True Light College, Renaissance College, Pui Kiu Middle School



馬鞍山富寶花園 (800KW)
Ma On Shan Saddle Ridge Garden (800KW)



左 - EcoSmart星火能源行政總裁 馬偉豪
中 - 齊合綠色環保總經理雷永雄
右 - 世界自然基金會香港分會WWF企業可持續發展主管何美娟
Top left: Stephen Ma, CEO of EcoSmart Energy
Middle: Samson Lui, General Manager of Chiho Eco Protection Limited
Right: Karen Ho, Head of Corporate Sustainability, WWF Hong Kong Branch (WWF)



位於元朗工業村的齊合環保(香港單一最大型太陽能發電系統-1兆瓦)
Chiho Eco Protection Limited located in Yuen Long Industrial Estate (Largest single solar power system in Hong Kong of 1 MW)



金門建築位於將軍澳工業村的金門科技園 (250KW)
Gammon Construction Limited at Technology Park (250KW)

展位編號
Booth No.
1B-B22

香港工業總會
Federation of Hong Kong Industries

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公司簡介
Company Description

香港工業總會是本港唯一法定商會，自1960年起，我們致力促進本港工商業蓬勃發展。

願景： 工業創新 續顯輝煌

使命：

- 政策倡議 - 為香港工商業界發聲
- 專業服務 - 照顧初創公司、中小企業，以至跨國集團的營商需要，提升國際競爭力
- 連繫各界 - 透過跨界別協作，共創工業新前景
- 開拓商機 - 引領業界拓展本地和環球市場
- 推動創科 - 促進高增值產業發展，為香港再工業化注入新動力
- 成就青年 - 為下一代創造更多發展機會

The Federation of Hong Kong Industries is the only statutory chamber established since 1960. We empower Hong Kong industries to reach new heights of success.

Vision: Reinventing Hong Kong Industries

Mission:

- Advocate Effectively - We voice for Hong Kong's industrial and business communities
- Serve Professionally - We cater for the need of startups, SMEs and multinational corporates and assist them in staying competitive globally
- Work Collaboratively - We rejuvenate the ecosystem by connecting the most forward thinking entrepreneurs and different industries
- Explore New Opportunities - We bring valuable business opportunities to our members locally and beyond borders
- Promote I&T Development - We foster the development of high value-added businesses and re-industrialisation through I&T advancement
- Empower the Youth - We mobilise the youth to chart a new path and lead future development



工總第61屆會員周年大會暨午宴
The 61st Annual General Meeting cum Luncheon

香港工業總會
FHKI Federation of Hong Kong Industries

中銀香港BOCHK
企業環保領先大獎
Corporate Environmental Leadership Awards

工作案例
Job References

工總於2005年首設「一廠一年一環保項目」計劃，推動香港及泛珠三角地區從事製造業的同業肩負起企業社會責任，以減輕營運對環境的影響。2015年，中國銀行（香港）冠名贊助計劃，並升級為「一企一年一環保項目」計劃，進一步鼓勵從事製造業及服務業的企業推行環保措施，減少有關地區的環境污染。去年，大獎成功吸引超過800家企業競逐，完成近2,690個環保項目。

To encourage manufacturing enterprises in Hong Kong and Pan Pearl River Delta region to implement corporate social responsibility and reduce their environmental impact, FHKI launched the One Factory - One Year - One Environmental Project Programme in 2005. To further raise environmental awareness and reach out to a wider range of business, FHKI collaborated with Bank of China (Hong Kong) to organise the BOCHK Corporate Environmental Leadership Awards Programme in 2015. Since then, the Programme has been escalated to One Enterprise – One Year – One Environmental Project Programme. Last year, the Awards has received over 800 applications with around 2,690 completed environmental projects.



主禮嘉賓香港特別行政區財經事務及庫務局局長許正宇先生連同工總常務副主席陳祖恒先生和中銀香港副總裁王兵先生一同為2021年大獎揭開序幕

The Guest-of-Honour Mr Christopher Hui, the Secretary for Financial Services and the Treasury of the HKSAR Government, together with FHKI's Executive Deputy Chairman Mr Sunny Tan and BOCHK's Deputy Chief Executive Mr Wang Bing announced that the 2021 Awards is open for application



中銀香港企業環保領先大獎2020頒獎禮暨2021開展禮

BOCHK Corporate Environmental Leadership Awards 2020 Prize Presentation and 2021 Launching Ceremony

展位編號
Booth No.
1B-A15

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g-Link E-Saving Technology Co Ltd

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公司簡介
Company Description

致利節能科技有限公司致力發展及推廣有助於環境保護的產品和服務。公司凝聚一群熱心推動環保的各種專業人才，專心致意為客戶策劃可持續發展方案，以減低污染、避免破壞環境，並節省能源。

g-Link E-Saving Technology Co Ltd is dedicated to the sourcing and promotion of environmental protection products. We have linked up a group of enthusiasts devoted to work out the best sustainable solutions for our clients, minimising pollution and damages to the environment while achieving energy saving.

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致利 g-Link

工作案例
Job References

江蘇南通市紡織漂染缸保溫工程 – 於紡織品染色缸噴上隔熱保溫塗料，使表面溫度由96.9°C降至42.0°C

Applied thermal insulation coating onto the outer surface of the dyeing stainless steel tanks for the factories located at Nam Tung City in Jiangsu Province.



噴上保溫塗料前準備
Before spraying preparation



噴上保溫塗料
After spraying



噴上保溫塗料之前表面溫度
Surface temperature before sprayingn



噴上保溫塗料之後表面溫度
Surface temperature after spraying

展位編號
Booth No.
1B-B19

香港環保產業協會
Hong Kong Environmental Industry Association

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公司簡介
Company Description

香港環保產業協會遂於2000年初成立，主要目標是在香港建立一個環保產業中樞，提供環保技術資訊、技術溝通及合作渠道予本地、內地及海外與環保工業有關的企業及機構。

Since its establishment in 2000, HKEnvIA is dedicated to facilitate the interests and competitiveness of Hong Kong Environmental Industry, as well as build and maintain a better coordination and communication among environmental companies, government agencies, environmental-related businesses and organisations in Hong Kong, Mainland China and overseas.



2019年10月30日，與廣東省環境保護產業協會和澳門環境保護產業協會簽了「粵港澳大灣區環保產業聯盟」合作協議。
On behalf the HKEnvIA, Ir Daniel M. Cheng signed a MOU with Guangdong Association of Environmental Protection Industry and Macao Association of Environmental Protection Industry on October 30, 2019.

Hong Kong Environmental Industry Association
香港環保產業協會

工作案例
Job References



協會獲日本川崎市市政府邀請到當地參觀川崎國際環境技術展2014
HKEnvIA was invited by the Kawasaki City Government of Japan to attend the Kawasaki International Eco-Tech Fair 2014

- 2000年 : 與廣東省環保產業協會簽訂了合作協議
- 2001年 : 與天津市環保產業協會簽訂了合作協議
- 2001-2002年 : 受優質教育基金贊助舉辦「環保小企業家培訓計劃」
- 2003年 : 成為「泛珠三角區域環保產業協作機制」成員
- 2007年 : 成功於香港國際環保展內設立「香港展館」
- 2011年 : 成功申請「中小企業發展支援基金」並舉辦綠贏營工作坊及進行香港環保產業的品牌發展研究

- Year 2000: Signed Agreement on Collaboration with the Guangdong Province Environmental Industry Association
- Year 2001: Signed Agreement on Collaboration with the Tianjin Environmental Industry Association
- Year 2001-2002: "Young Environmental Entrepreneurs" Training Project sponsored by Quality Education Fund
- Year 2003: Became Formal Member Institution of the "Pan-Pearl River Delta (PRD) Regional Environmental Industry Collaboration Mechanism", Mainland China
- Year 2007: Succeeded in Setting Up the Hong Kong Pavilion at the Eco Expo Asia
- Year 2011: Succeeded in applying the TID Funding for Green-Win-Brand workshop and the research on the Brand Development of the Hong Kong Environmental Industry



成功申請工業貿易署「中小企業發展支援基金」, 並舉辦一系列的「綠·贏·營」工作坊, 協助本地中小企把環保概念匯入營商運作中, 藉建立產業品牌來增強競爭優勢
Succeed in applying the TID Funding for Green-Win-Brand workshop and to assist Hong Kong's SME companies develop branding through incorporating green management into business operations.



2011年9月5日，為加強港韓兩地企業之間在綠色產業領域的合作，鄭文聰會長代表香港環保產業協會與大韓商工會議所持續可能經營院簽署「促進綠色產業合作的諒解備忘錄」
On behalf the HKEnvIA, Ir Daniel M. Cheng signed a MOU with the Korean Business Institute of Sustainable Development on September 5, 2011, to reinforce the collaboration between the HK and Korea

展位編號
Booth No.
1B-B05

香港生產力促進局
Hong Kong Productivity Council

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公司簡介
Company Description

香港生產力促進局是於1967年成立的法定機構，致力以先進技術和創新服務，驅動香港企業提升卓越生產力及競爭力；利用工業4.0和企業4.0，加速香港再工業化的發展；同時開發智能及綠色生活應用技術，致力為中小企和初創企業提供即時和適切的支援，並提供各類未來技能發展和STEM課程，更透過技術轉移推出市場主導的專利技術和產品。

The Hong Kong Productivity Council (HKPC), a multi-disciplinary organisation established by statute in 1967, promotes productivity excellence through relentless drive of integrated advanced technologies and innovative service offerings to support Hong Kong enterprises. HKPC facilitates Hong Kong's reindustrialisation empowered by i4.0 and e4.0 and develops smart and green living applications for bolstering Hong Kong as an international innovation and technology hub and a smart city.

HKPC is a trusted partner with comprehensive innovative solutions for Hong Kong industries and enterprises, enabling them to achieve resources and productivity utilisation, effectiveness and cost reduction, and enhance local and international market competitiveness. It offers SMEs and startups immediate and timely assistance in coping with the ever-changing business environment, supporting their innovation and transformation journey. Moreover, a variety of FutureSkills trainings are offered to enterprises to upskill and nurture talents with digital capabilities and STEM competencies which enhance their competitive edge.

In addition, HKPC partners and collaborates with local industries and enterprises to develop applied technology solutions for value creation. It also benefits a variety of sectors through product innovation and technology transfer, with commercialisation of multiple market-driven patents and technologies, bringing enormous opportunities abound for licensing and technology transfer, both locally and internationally.



工作案例
Job References



本地養豬場先進污水處理技術
Advanced Wastewater Treatment Technologies for Local Pig Farms



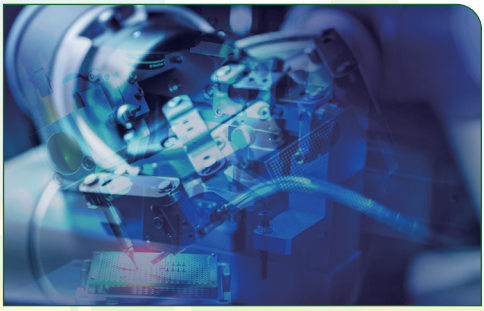
清煙環保化寶爐技術
Qing Yan Eco-Joss Paper Furnace Technologies



為企業帶來ESG+可持續發展價值
Driving ESG+ Sustainability Value for Businesss



廚餘再生俠
Food TranSmarter



再工業化資助計劃
Re-industrialisation Funding Scheme (RFS)

展位編號
Booth No.
1B-C21

佳安合同能源管理有限公司
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公司簡介
Company Description

佳安提供一系列綠色能源，如太陽能發電解決方案、能源監控解決方案及電動車充電。

將來，佳安將繼續幫助人類創造一個更健康的環境。

太陽能系統可以安裝在工廠及商業樓宇等主要光伏電池(PV)面板及能源存儲單元。

我們的太陽能系統安裝方便，適合各種環境。

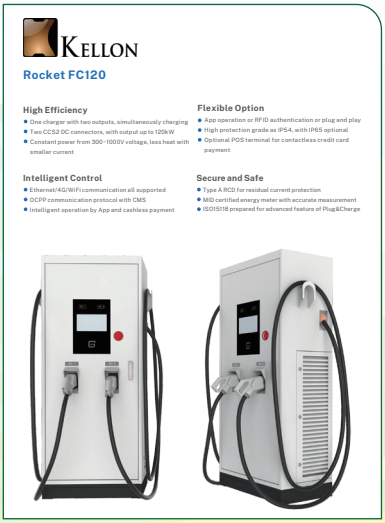
Kellon offers a range of green energy solutions such as solar power system solutions, energy monitoring solutions and EV charger.

In the future, Kellon will continue to help people create a more wholesome environment.

The solar energy system can be installed in factories and commercial buildings, etc.

With great profile and easy installation, our solar system suits all kinds of environment.

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電動車充電
EV Charger

KELLON

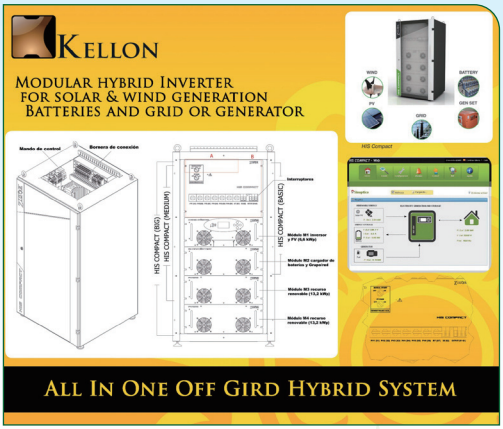
工作案例
Job References

適逢近年國際對推行能源節約大行其道，本公司亦有進行多項大型項目

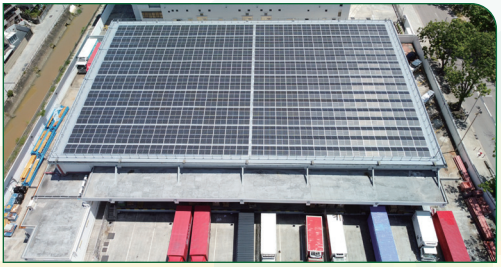
In recent years, international efforts are widely made to promote energy conservation, and our company has also carried out a number of large-scale projects



混合逆變器系統
HYBRID INVERTERS SYSTEM



一體化離網混合動力系統
ALL IN ONE OFF GRID HYBRID SYSTEM



大昌行物流有限公司FiT並網太陽能系統
DCH Logistics Company Limited
FiT On Grid Solar System



國泰航空飲食服務公司FiT並網太陽能系統
Cathay Pacific Catering Services
FiT On Grid Solar System

展位編號
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Access website via scanning

公司簡介
Company Description

Lexngo樂力高是生產和設計革新環保生活用品的市場領航者，憑藉時尚獨特的產品設計，配合市場需求，主導進行研發，創製出一系列耐用日用品。旗下產品以矽膠物料為主，包括飲管、環保袋、保鮮膜、可摺疊食物盒、咖啡杯、水樽及餐具等。嚴謹的品質監控及一站式生產程序，確保產品的穩定性及安全性，以及產品性價比的競爭優勢。

Lexngo is a pioneer in manufacturing and design of breakthrough eco-friendly lifestyle products. With our exquisite and stylish product designs that cater to evolving market needs, Lexngo develops a range of durable, eco-friendly daily essentials and lifestyle products.
Lexngo's wide range of products including drinking straws, ECO shopping bags, food wraps, collapsible lunch boxes with cutleries and collapsible mugs and bottles. Our products are mainly made of silicone, which is produced from sand and quartz.



星巴克 x 樂力高可拆洗重用矽飲管
Starbucks x Lexngo Resealable Reusable Straw

工作案例
Job References

公司針對個人(B2C)及企業客戶(B2B)兩線並行業務政策，銷售渠道涵蓋電商、實體旗艦店、零售百貨及餐飲集團，業務版圖遍及亞洲、美洲、歐洲及大洋洲等市場。除了King Parrot、Maxim's、Pacific Coffee和Starbucks外，我們還與匯豐、Food for Good等其他品牌合作，回應減塑和環境保護措施。品牌合作企業禮品旨在支持減塑潮流，共同創造企業社會責任。

We are running our B2C and B2B businesses simultaneously, with sales channels covering online and offline flagship stores, department stores and catering groups, across Asia, America, Europe and Oceania. In addition to King Parrot, Maxim's, Pacific Coffee and Starbucks, we are currently cooperating with other brands such as HSBC, Food for Good to respond to the reduction of plastic and environmental protection measures. Brand cooperation corporate gifts aim to support the trend of plastic reduction and jointly create corporate social responsibility.



太平洋咖啡 x 樂力高可拆洗重用矽飲管
Pacific Coffee x Lexngo Resealable Reusable Straw



泰國星巴克 x 樂力高可折疊珍寶杯
Starbucks(Thailand) x Lexngo Flexi Jumbo Mug



新加坡星巴克 x 樂力高可折疊食物盒
Starbucks (Singapore) x Lexngo Collapsible Lunch Box

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公司簡介
Company Description

物理式水處理是美潔科技設計的一項獨特和創新的節能減排技術，旨在消除工業水垢難題，而無需化學劑。物理式水處理由量子電動力(QED)技術和礦物鹽抽取裝置組成，可單獨使用於工業水直流直排或循環系統。

QED技術應用於水冷式中央空調系統、鍋爐、熱交換器和污水處理等，既節約能源和寶貴水資源，又減少排污時造成的二次環境污染。

Physical Water Treatment (PWT) is an innovative and unique technology designed by Magen Technology aiming at removing industrial scaling problems without the need of chemical dosing. In addition, it enhances disinfection and oxidation aspects in both fresh and sewage water treatments with much less chemical residue in effluent. The PWT comprises of Quantum Electro Dynamic (QED) technology and Mineral Salt Extraction Device which can be used separately in industrial single passing or circulation water systems.

QED Technology can be applied to most water-cooled chillers, boilers, heat exchangers and sewage treatments, etc., with excellent performance on saving both energy and precious water resource as well as reducing environmental contamination at effluent.

Whereas Mineral Salt Extraction Device can simply extract harmful Calcium and Magnesium salts directly from cooling tower water in order to lower down water concentration, resulting in reduced scale formation and bleed-off water.



Magen Clean

工作案例
Job References



量子電動力學(QED)技術
Quantum Electro Dynamic (QED) technology

量子電動力學 (QED) 技術

1. 堆填區的鍋爐，經6個月，效率從20%升至95%
2. 堆填區溶液導管堵塞，經3周，管道恢復正常
3. 船舶空調冷凝器，貝殼生長導致堵塞，經5個月，沒貝殼生長

礦物鹽抽取裝置

除垢裝置在港澳冷卻水塔共24座進行示範，並已安裝在其中11座水塔(包括亞洲博覽會)，每裝置平均抽取石灰(CaCO3)的能力為4-6公斤/每2周週期

Quantum Electro Dynamic (QED) technology

QED Technology on scale removal capability was demonstrated through:

1. A 6-month trial at Hong Kong landfill sites with excellent results - The leachate fluid boiler was deposited with hard scale resulting in a low thermal efficiency of 20% only.

   After a 6-month QED treatment on scale removal, the boiler efficiency had been restored to over 95% without chemical dosing.

2. Restoring the leachate transfer pipe flow capacity in another local landfill site - The leachate transfer pipe, 150mm diameter x 1km long, was partially blocked and led to insufficient flowrate, which required immediate replacement.

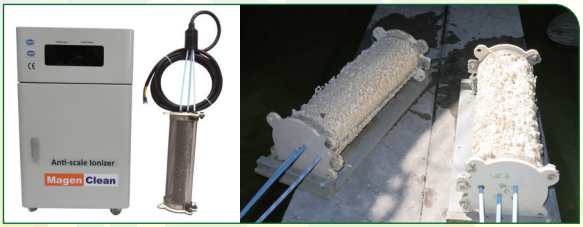
   After a 3-week QED treatment, the pipe had been restored to its normal flowrate, i.e., resumed from 15m3/hr. to 35m3/hr.

3. Keeping a ship air conditioning system in a good working condition - The condenser was partially blocked with ocean creatures, requiring periodic mechanical cleaning every 2 months.

   After a 5-month QED treatment on disinfection, there had been no sign of ocean creature growth in the condenser.

Mineral Salt Extraction Device

The Device has been demonstrated in 24 sites, and installed in 11 sites (including AsiaWorld EXPO) in both Hong Kong & Macau cooling water towers with an average lime scale (CaCO3) extraction capability of 4-6 kg / Device / 2-week cycle.



礦物鹽抽取裝置
Mineral Salt Extraction Device

展位編號
Booth No.
1B-A07

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Access website via scanning

公司簡介
Company Description

微電的創辦人翟先生和蘇博士致力研究產品技術，為可持續發展的世界做出貢獻；通過多年研究，創造了永磁同步電機和風機盤管。

通過降低整體能源成本來減少碳排放和溫室氣體，目標是提供節能電機技術。獨特的永磁同步電機與傳統的交流電機相比，電力消耗能減少80%。考慮到風機盤管通常佔建築物總用電量的23%，耗電量減少顯著。

Cofounders Mr. Jackson Chack and Dr. Albert So started Mictronics Co. Ltd with a vision to contribute to a sustainable world through researching and developing technologies.

Mictronics aims to reduce carbon emissions and greenhouse gases by the way of reducing overall energy costs. It is our goal to supply the world with our energy saving motor technologies.

With our unique application of a Permanent Magnet Synchronous Motor (PMSM), electricity consumption is reduced by up to 80% compared to traditional AC or DC motors. Considering that fan coil units contribute up to 23% of a building's total electricity consumption, this reduction is significant.

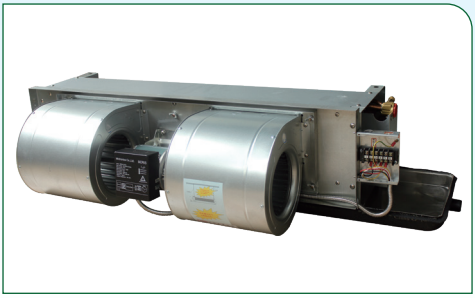


Mictronics®
TOWARD A SUSTAINABLE WORLD

工作案例
Job References

風機盤管及永磁同步電機新裝或替換工程：青衣體育館、EMSD九龍灣總部、大埔政府合署、APM5、香港萬麗海景酒店、九龍酒店、半島酒店、將軍澳中心、荃灣廣場、HKT香港電訊、香港科學園、香港理工大學、中港城、黃金海岸商場、維他奶國際集團有限公司、恩福堂、鏞記酒家及北京央視

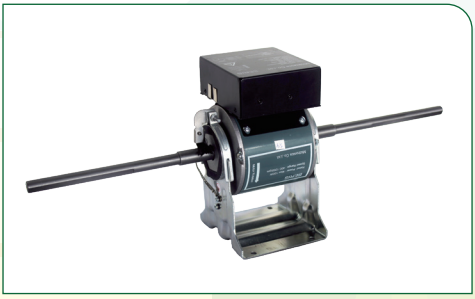
FCU new installation or PMS Motor retrofit work: Tsing Yi Sports Centre, Kowloon Bay EMSD HQ, Tai Po Government Building, Millennium City 5 APM, Harbour Renaissance Wan Chai, Kowloon Hotel, Peninsula Hong Kong, Tseung Kwan O Park Central, Tsuen Wan Plaza, HKT Limited, Hong Kong Science and Technology Park, The Hong Kong Polytechnic University, SINO China Hong Kong City, SINO Gold Coast Plaza, Yan Fook Church, Yung Kee Restaurant and CCTV Beijing



超級風機盤管
Super Fan Coil Unit



天花式空氣淨化消毒機
Ceiling Mount Air Purifier



高效能永磁同步電機
Permanent Magnet Synchronous Motor



電梯空氣淨化消毒盒
Air Purifier for Lift

展位編號
Booth No.
1B-C22

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公司簡介
Company Description

Nanofil Filtration Technology Limited supplies the most innovative air filtration products and solutions to our customers. Our factory has been equipped with state-of-the-art nano-technologies, filter manufacturing machines, research and development equipment and sophisticated filter media testing instruments.

Our patent-pending nano filters feature various filtration efficiencies to cope with the needs of actual environment and application. They can exterminate bacteria and viruses that helps reduce the risk of pandemic. Most importantly, with a lower pressure drop and the application of nano-technology, they can acheive potential energy saving (decreasing carbon emission) in the central air-conditioning system of commercial buildings and improve IAQ.

A traditional 2-inch pre-filter and a cartridge/pocket filter could be replaced by a single piece of Nanofil pleated panel filter, resulting in a reduction of filter quantity consumed and disposal. Less waste being disposed translates into lower long-term waste management costs and less need for landfills.

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NANOFIL
Breathe Freely

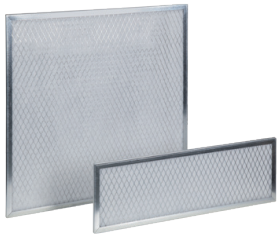
工作案例
Job References

EMSD, Hongkong Post, Tung Wah Group of Hospitals, Envirotech Group, and Gridpoint Technologies Inc.



NanoFIL pocket filter is of high-permeability, medium filtration filters with longer service life than traditional glass-fiber air filter, that may have the potential of saving energy used by the ventilation system.

Large filter surface area and conical pocket bags with anti-bacterial and anti-viral properties especially suit for air intakes in heavily-trafficked urban environments that demand high dust loading capacity. Suitable for HVAC air conditioning applications such as commercial buildings, institutions and shopping arcades.



NanoFIL Fan Coil filter. Made of electrospun nanofiber, synthetic / polycotton, which comes in a rectangular or square shape, this filter is simple in structure and economical, featured by low pressure drop. It can prevent heating and cooling coils, fans and ducts from coarse dust in various air handling units of HVAC sector, with antimicrobial property.



NanoFIL KAF Sterilizing Odour Removal Air Filter. Adopting NanoFIL nanofiber electrospinning technology, this filter can exterminate above 99.9% of bacteria and effectively filter PM 2.5 particles and remove odour, formaldehyde and VOCs.



NanoFIL pleated panel filters have superior technical properties due to a special production design – Pleated Technology allowing an optimal use of the maximal filtration area. High rate of air permeability ensures a low resistance of air movement (low pressure drop) and efficient energy consumption readings for the HVAC equipment in which a filter is installed. This filter is featured with antimicrobial property.

展位編號
Booth No.
1B-B28

里奇主建有限公司 (品牌: 香港木庫)
RAAW Ltd
(Brand: HK Timberbank)

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公司簡介
Company Description

香港木庫HK Timberbank是一家以「R3 – ReCYCLE, ReDESIGN, ReLINK」為理念的環保社會企業，提倡生態循環再工業，致力回收、處理和乾燥因發展、老化或颱風而砍伐的樹木材料，將「美感設計 + 環保再用」結合，讓木資源再生為社會帶來更大的價值。

HK Timberbank is an eco-social enterprise with 'R3 – ReCYCLE, ReDESIGN, ReLINK', pursuing industrialisation of timber industry using local felled trees due to typhoon, aging or urban development.

Weighed within design and artistry, HK Timberbank aims at bringing a second life to local timber which benefits to our home city and the society.



香港木庫 HK TIMBERBANK
AN R3 CONCEPT

工作案例
Job References



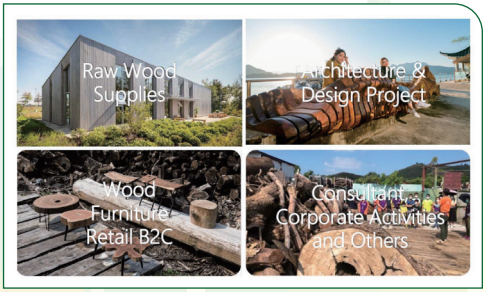
再 循環
ReCYCLE



再 設計
ReDESIGN



再 連繫
ReLINK



Product & Business Model

展位編號
Booth No.
1B-B07

回收基金
Recycling Fund

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香港九龍達之路78號生產力大樓
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公司簡介
Company Description

回收基金成立的宗旨是透過提供適切的資助以提高回收業的整體作業能力、處理量、效率和技術，並且增加市場資訊，為再造產品開拓市場，從而減少運往堆填區的廢物棄置量。。

The objectives of Recycling Fund are to enhance the overall capability, capacity, efficiency and skills of the recycling industry, as well as help develop a market for recycled products by providing more market information, thereby reducing the amount of waste disposed of at landfills.



由回收基金資助的逆向自動售賣機
Reverse vending machine funded by the Recycling Fund

回收基金
Recycling Fund

工作案例
Job References

回收基金全年均接受申請。回收基金設有企業資助計劃及行業支援計劃，最高資助金額分別可達$1,500萬元。

Applications are open all year round. The Recycling Fund consists of Enterprise Support Programme and Industry Support Programme, and the maximum funding support is $15 Million.

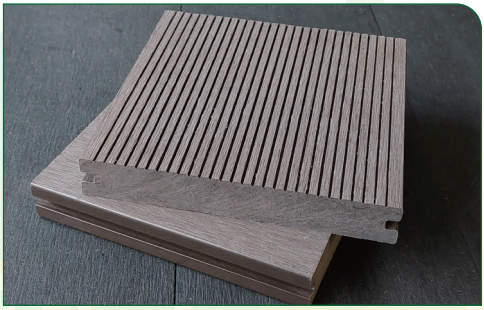


由回收基金資助的地區性建築廢物收集及回收服務先導計劃。計劃為裝修業界提供方便、省時及有效益的建築廢物收集服務。

Recycling Fund subsidizes the trade-led pilot scheme on collection and recycling of construction waste at district level. The scheme provides a convenient, time-saving and efficient construction waste collection service for the renovation trade.



回收基金網上簡介會
Recycling Fund Online Briefing Session



塑木複合戶外鋪地材料 (回收基金獲批項目之製成品)
Wood plastic composite flooring materials (Product made from Recycling Fund approved projects)

展位編號
Booth No.
1B-A05

森寶科技有限公司
Sambo Group Technology Ltd

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公司簡介
Company Description

森寶科技有限公司於2016年由忻浩忠教授、高偉業先生及盧海峰博士聯合創辦，並於2017年11月進駐香港科學園成為「香港科培創業計劃」成員。公司致力於環保納米技術及先進功能材料的研究與開發，包括但不限於光自潔、長效消毒、低溫防水、環保防霉、除臭防蟲、空氣淨化、可重用口罩等技術與產品，可廣泛應用於建築、汽車、水處理、紡織、家居及公共空間。公司基本理念是：更安全、更健康、更舒適、更環保。

Sambo Group Technology Ltd. was founded by Professor John H. Xin, Mr. KO Wai Yip and Dr. Lu Haifeng in 2016, and has become an incubator of Hong Kong Science Park since November, 2017. The company is engaged in the R&D of environment-friendly nanotechnologies and advanced functional materials, including but not limited to light self-cleaning, long-effective sterilisation, low temperature waterproofing, environment-friendly anti-mold, deodorisation and anti-insect, air purification and reusable masks, etc., which can be widely used in construction, automobile, water treatment, textile, home and public space. The company's philosophy is safer, healthier, more comfortable and more environment-friendly.



SAMBO

工作案例
Job References

本公司的光自潔空氣淨化產品及納米銀抗菌殺病毒處理劑，曾應用於政府部門、學校、科技園及公共交通等相關方面，改善了室內環境衛生和空氣質量，為公共衛生事業的發展作出了貢獻，並獲得一致好評。

The company's light self-cleaning air purification products and nano silver antibacterial and virus killing agents have been used in government departments, schools, science and technology parks, public transportation and other related aspects. They have improved indoor environmental sanitation and air quality, made contributions to the development of public health, and won unanimous praise.



光自潔納米液
Light self-cleaning nano liq



銀離子抗菌殺病毒處理劑
Silver ion antibacterial and antivirus agent

展位編號
Booth No.
1B-A01

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Mr Frank Tsui

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公司簡介
Company Description

Synap以專利技術提供一站式智能環境監測方案，為客戶提供全自動Mesh無線網絡設備及雲端控制器，能夠集中管理不同廠家的環境監控和感測裝置。低頻無線網絡覆蓋面積大，設備不需設定，自動組網，安裝簡易，一般技術人員即可應付。

因應氣體、污水、沼氣等監測，突破性的電子設計大幅減低傳感器的耗電量，適合以太陽能供電。

Synap Technologies is an IoT communication technology company with operations in Hong Kong and Sweden devoted to enabling the plug & play sensor connectivity solution.

Scalable IoT project requires several types of sensors working simultaneously but monitoring multiple sensing devices and getting them connected can be time consuming or even prohibitive. Our patented wireless mesh technology offers an extendable narrowband network with dynamic security designed for mission-critical operations. It allows anyone without further training to connect different brands and sensor types to be remotely managed in a centralised cloud data platform.

Extremely low power consumption makes it possible to install anywhere and run reliably on solar power for various gases and wastewater monitoring.



Synap

工作案例
Job References

堆填區沼氣井自動監測：
SynapMesh網絡連接和管理不同類型的傳感器，提供堆填區沼氣井連續的氣體監測數據和氣流閥門控制。智能節能系統讓偏遠的安裝可使用太陽能。

河道水質監測：
每15分鐘自動監測河道水深和各種水質的參數，系統可連接和中央管理不同廠家的水質傳感器作實時數據匯報。

Landfill biogas monitoring:
Autonomous monitoring system for biogas wells at landfill site. Different types of sensors are connected and managed by SynapMesh network for getting continuous reading. Intelligent power saving feature supports remote deployment using solar power.

Water quality monitoring system:
Automatic water quality monitoring system measuring water depth and various parameters such as COD, turbidity, conductivity, etc. every 15 mins. The system can make use of any digital sensor and be installed anyway and centralised managed.



河道水質和水深監測系統
River water quality and depth monitoring system



專利的雲控制無線網絡技術連接不同廠家的傳感裝置
Patented cloud-controlled Mesh network solution for connecting any digital sensor from different suppliers



自動化沼氣井氣體監測和閥門控制
Remote biogas well monitoring and gas valve automation



無線Mesh網絡以太陽能供電，連接偏遠地點
Remote location connected by extended mesh network powered by solar energy

展位編號
Booth No.
1B-C25

香港中華煤氣有限公司
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公司簡介
Company Description

香港中華煤氣有限公司(煤氣公司)於1862年成立，是香港歷史最悠久的公用事業機構，亦是本港規模最大的能源供應商之一，企業管理和營運均達到世界級水平。目前，公司為逾190萬客戶供應煤氣，以及提供多元化的煤氣爐具和應用方案，以切合客戶不同的需要。近年，公司更致力拓展電訊、樓宇建設工程、新興能源開發及應用等項目，使業務更趨多元化。我們定必繼續堅定不移，積極推動環境、社會及管治發展，締造可持續發展的未來。

Founded in 1862, The Hong Kong and China Gas Company Limited (Towngas) is Hong Kong's first public utility. Today, we are one of the largest energy suppliers in Hong Kong, operating with world-class corporate management and leading-edge business practices. We supply town gas to over 1.9 million customers in Hong Kong and provide a full range of gas applications to cater to their needs. Expanding our business horizons in recent years, we have diversified our business into telecommunications, building services, engineering and new eco-energies, among many others. We will continue to maintain our commitment to environmental, social and governance development and build a sustainable future.



於蘇州工業園建立了首個城市有機廢物資源化利用項目，廠房每日可處理共800噸廚餘、餐餘、綠化垃圾及垃圾滲濾液等，將其轉化成天然氣、油品及固體燃料，供園區內外使用。
The Company's first urban organic waste resource utilisation project has been set up in Suzhou Industrial Park with a daily capacity to process 800 tonnes of kitchen waste, food waste, green waste, leachate etc. to be transformed into natural gas, grease products and solid fuel to be used both within and outside the Park.



煤氣 Towngas

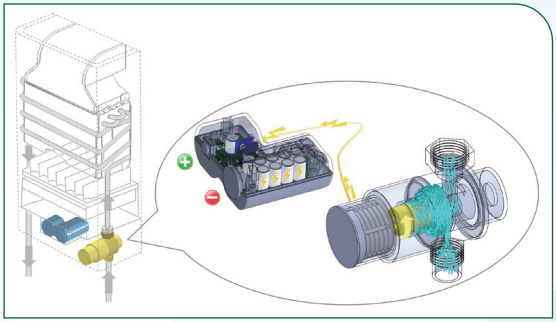
環保生活每一天
Go Green Every Day

工作案例
Job References



位於尖沙咀中間道的H Zentre採用太陽能綜合抽濕鮮風櫃，將抽濕輪放入鮮風櫃，並利用煤氣熱水爐配合太陽能集熱器系統將水加熱，用於烘乾抽濕輪以還原其抽濕能力，有效減少能源消耗及改善室內空氣質素。

H Zentre on Middle Road in Tsim Sha Tsui utilises solar powered integrated primary air handling units (Integrated DPAU) with desiccant wheels. By combining heat energy from solar collectors with gas water heaters, hot water is produced to dry the desiccant wheels and regenerate their dehumidification capacity, thereby effectively reducing energy consumption and improving indoor air quality.



熱水爐水力發電模組將水流產生的能源轉化為電能，用以點燃爐具，免卻熱水爐需要定期更換電池的問題，大幅減少棄置廢舊電池所造成的環境污染。

Water Heater Hydropower Generator Module transforms energy generated from water flow into electricity to ignite the appliance, eliminating the need for regular battery replacement in water heaters, thus significantly reducing the environmental pollution arising from the disposal of depleted batteries.



為提升學生的環保意識及對STEM的學習興趣，煤氣公司舉辦環保科探大賽，把廢舊的聚乙烯管升級為太陽能水耕種植系統，並捐贈予中小學進行水耕實驗，增進學生的環保知識和提升他們的解難能力。

To elevate students' environmental awareness and interest in STEM learning, Towngas hosted the Inter-School Environmental Scientific Investigation Competition, upcycling scrap polyethylene pipes into waste-to-treasure solar-powered hydroponics systems, which were donated to primary and secondary schools to enhance students' relevant knowledge and problem solving abilities.

展位編號
Booth No.
1B-A23

登峰發展有限公司
Top Step Development Ltd

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公司簡介
Company Description

登峰發展有限公司：香港厨餘回收商；完成EPD屬下回收基金(Recycling Fund)項目ESP-1516-015；轉化厨餘為畜類及水產飼料；EPD厨餘收集商至OPARK之一；每年收集和轉化超過4,000噸厨餘為畜類及水產飼料

Top Step Development; starch food wastes collect and recycle to animal and aqua feed; successful complete EPD Recycling Fund Enterprise Support Projct; annual collect and recycle volume more than 4,000 metric tons



工作案例
Job References







澱粉類厨餘轉化為畜類和水產飼料
Starch Food Wastes Recycle Feed

展位編號
Booth No.
1B-A18

威立雅環境服務香港有限公司
Veolia Environmental Services Hong Kong Ltd

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公司簡介
Company Description

威立雅集團是全球優化資源管理的領導者，我們設計並提供水、廢棄物和能源管理方案，推動社區和工業的可持續發展。威立雅在香港設計、建造及營運堆填區、化學廢物處理中心、污泥處理設施以及香港首個區域供冷系統。威立雅亦是屋宇裝備專家，致力為客戶管理並提高能源績效。

Veolia group is the global leader in optimised resource management. In Hong Kong, we provide solutions that contribute to the sustainable development of communities and industries through designing, building and operating the landfill, chemical waste treatment facilities, sludge treatment facilities and the territory's first district cooling system. Veolia is also expert in building services, managing and enhancing energy performance for clients.



源．區，獨一無二且自給自足的污泥處理設施，結合獨特的建築與先進的處理技術、水療、遊客中心與於一體 - 一個真正創新的綠色污水污泥處理解決方案
T·PARK, a unique and self-sufficient sludge treatment facility that integrates distinctive architecture with advanced treatment technology, a spa, visitor center - a truly innovative and green solution for sewage sludge disposal



VEOLIA

工作案例
Job References

- 設計、建設及營運世界上其中一座最大的污泥處理設施，香港新界東南堆填區擴建計劃，源・區
- 設備提升及營運香港政府唯一認可接收及處理危險廢物的設施
- 設計、建設、營運及維護香港首個提供冷卻水的區域供冷系統
- 為香港公私營客戶提供屋宇設備系統相關的服務
- 透過威立雅智能監控中心提高建築物能源效益
- Design, build and operate SENT & SENTX landfill, T・PARK, one of the world's largest sludge treatment facility
- Operate and upgrade Hong Kong's first and only - chemical and clinical waste treatment facility
- Design, build, operate and maintain Hong Kong's first District Cooling System to supply chilled water
- Design, supply, install, operate, repair, maintain, test and commission Building Services Installation for private and public clients across Hong Kong
- Deliver energy savings in buildings through Veolia's smart monitoring center Hubgrade



香港首個採用二氧化碳製冷系統的溜冰場，並回收和重用製冷過程中產生的熱量
Hong Kong's first ice rink with a CO2 refrigeration system that can recover and reuse waste heat for its own purposes



威立雅採用先進的數據分析系統 - Hubgrade，通過報告和圖表界面，清晰、透明地概述了能源消耗情況，並斷定現場團隊需要進行維護優化的地方
Veolia's state-of-the art data analysis system - Hubgrade provides a clear and transparent overview of a building's energy consumption through reporting and dashboards, and identifies areas for optimization in maintenance to be carried out by on-site teams



啟德發展區區域供冷系統是一個減低香港碳足蹟的可持續方案，透過大規模中央空調系統利用海水製造冷卻水，再輸送到啟德發展區的用戶樓宇作空調之用。
Kai Tak District Cooling System - a sustainable solution that reduces Hong Kong's carbon footprint via a large-scale centralized air-conditioning system that utilizes sea water to produce chilled water for buildings.

展位編號
Booth No.
1B-B16

和利綠色動力有限公司
Wo Lee Green Solutions Limited

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公司簡介
Company Description

和利綠色動力致力於滿足現時建築行業對模塊建築的需求，提供設計、物料供應、加工的一條龍服務。

與此同時，我們以可持續發展為目標，將業務活動對環境造成的影響降到最低，我們持之採用以下行動：

- 增加業務上的自動化生產，減少物料的消耗
- 為員工提供環保教育講座，提高環保知識
- 鼓勵員工及合作夥伴履行對環保的責任
- 確保施工作業符合香港環保條例

於2021年，和利綠色動力創建中心正式成立，於本地自動化加工大型焊接件，大大減少運輸的距離，除可增加效率外，亦可減少運輸時所排放的溫室氣體，為環保出一份力。

Wo Lee Green Solutions Limited solves the current construction needs of the construction industry by providing an one-stop service of design, module, processing and supply. At the same time, we aim for sustainable development to minimise the impact of business activities on the environment. We also consistently adopt the following actions:

- Increase the automated production of the business and reduce the consumption of materials
- Provide environmental protection lectures for employees to improve their environmental protection knowledge
- Encourage employees and partners to fulfill their environmental responsibilities
- Ensure that the construction works comply with the Hong Kong Environmental Protection Ordinance

In 2021, Wo Lee Build Tech Center was officially established and has started processing large-scale welded parts locally, greatly reducing the transportation distance from mainland or overseas. In addition to increasing efficiency, it also reduces greenhouse gas emissions from transportation and contributes to environmental protection.



WO LEE GREEN SOLUTIONS Ltd.
和利綠色動力有限公司

工作案例
Job References

- 8/2019 - 10/2019年 : 浩華鋼鐵工程有限公司
  供應部份 : 沙田至中環綫會展站及西面連接隧道 – 鋼結構加工預制件
- 11/2019 - 1/2020年 : 新福港建設集團有限公司
  供應部份 : 供應及安裝鑽石山綜合發展區公屋, 第1期及第2期及資助出售單位發展工字鋼樁蓋板
- 12/2019 - 2020年 : 中國建築國際集團有限公司
  供應部份 : 大埔區公屋發展的地基、地盤平整、道路及排水系統9座 工字鋼樁
- 8/2019 - 10/2019: Ho Wah Steel Structure Engineering Ltd
  Shatin to Central Link- Contract 1123 Exhibition Station and Western Approach Tunnel Fabrication of Cast-in structure steel
- 11/2019 - 1/2020: Sun Fook Kong Construction Group
  Supply and Installation of Capping Plates for H-piles Construction of Public Rental Housing Development Phases 1 & 2 and Subsidised Sale Flats Development at Diamond Hill Comprehensive Development Area
- 12/2019 - 2020 China State Foundation Engineering Ltd.
  Foundation, Site Formation, Roads and Drainage for Public Rental Housing Development at Tai Po Area
  9-Socket H-pile



NanoFlow - 適用於暖通空調和金屬表面的防霉，抗菌，防塵塗層
NanoFlow - Anti Mould, Anti Bacterial, Anti Dust Coating for HVACs and Metal Surfaces



和利綠色動力創建中心
Wo Lee Build Tech Center



組裝合成建築法
MIC (Modular Integrated Construction)

展位編號
Booth No.
1B-A19

兆屋有限公司
Zilver Ltd

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公司簡介
Company Description

兆屋有限公司在香港從事貿易及批發生產業務二十年多年。近年主要專注拓展有關環保及多功能的油漆建材項目，所以把Graphenstone及MagPaint這兩個歐州品牌引進香港，致力將保護環境、減碳節能、環保及美學的概念融入家居生活之中，並希望將優質的產品及服務給予顧客。

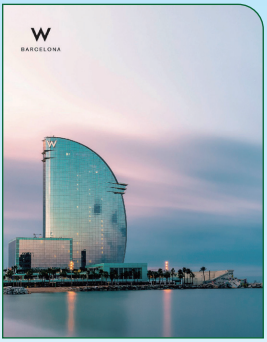
Zilver Limited has been engaged in trade and wholesale production business for more than 20 years. In recent years, focusing on the development of eco-friendly and multi-functional paint building materials, it introduced European brands Graphenstone & MagPaint into Hong Kong. The company is devoted to promoting energy saving, carbon reduction integrating environmental protection and aesthetic concepts into home-life, and providing customers with high-quality products and services.

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ZILVER

工作案例
Job References



Hotel W (Barcelona, Spain



Sta. Maria La Antigua
Cathedral (Panama City)



Hội Khánh Temple (Binh Duong, Vietnam)



Ambient Pro+



Bisophere



Grafclean AG+

支持機構 Supporting Organisations:

HKGCC Hong Kong General Chamber of Commerce 香港總商會1861 | Serving Hong Kong for 160 Years 服務香港160年

HKSTP 香港科技園

CGCC 香港中華總商會 The Chinese General Chamber of Commerce, Hong Kong

Hong Kong Environmental Industry Association 香港環保產業協會

BUSINESS ENVIRONMENT COUNCIL 商界環保協會

ECMA 環保工程商會 有限公司 Environmental Contractors Management Association Limited

haesco hong kong association of energy service companies ltd 香港能源服務協會

香港中華廠商聯合會 The Chinese Manufacturers' Association of Hong Kong

珍惜紙張 - 列印前請三思!

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