

2024/25 SUSTAINABILITY REPORT 可持續發展報告



**ALLIED SUSTAINABILITY AND
ENVIRONMENTAL CONSULTANTS GROUP LIMITED**

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WHO WE ARE

公司簡介

Originally founded in 1994, Allied Sustainability and Environmental Consultants Group Limited (the “Company”) is a sustainability and environmental consultancy firm headquartered in Hong Kong. The Company is the first sustainability and environmental consultancy service provider listed on The Stock Exchange of Hong Kong Limited (the “Stock Exchange”), taking a pioneering role in promoting environmental responsibility and sustainable growth. In 2025, the Company celebrates its 31st year of operation, strengthening our commitment to deliver environmental solutions across Hong Kong, Mainland China and the Asia Pacific region in pursuit of our vision and mission.

The Company operates across a broad regional footprint and is dedicated to providing high-caliber environmental and sustainability consultancy services. This commitment is demonstrated through a diverse and robust project portfolio spanning across Hong Kong, Mainland China, and the Asia Pacific region. Sustainability lies at the very core of our day-to-day business and working culture. To promote the importance of sustainability across the society, the Company offers professional sustainability advisory services that bring value to our clients, human capital and the environment. At the same time, we collaborate with various organizations to further advocate sustainable practices and expand our influence beyond the local market to the Asia-Pacific region, Middle East and globally.

沛然環保顧問有限公司(以下簡稱「本公司」)自一九九四年起運作，是一家總部設於香港的可持續發展及環境顧問公司。本公司是首家於香港聯合交易所有限公司(「聯交所」)上市的可持續發展及環境顧問服務供應商，亦是推動可持續發展的先鋒。踏入二零二五年，本公司邁入第三十一個年頭，我們將繼續秉持初心，為香港、中國大陸及亞太地區提供環境解決方案，實踐我們的願景與使命。

本公司在區域層面擁有廣泛的業務佈局，致力於為客戶提供高品質的環境與可持續發展諮詢服務。這一承諾體現在我們多元且具實力的項目組合，涵蓋香港、中國大陸及亞太地區。可持續發展是我們日常業務和工作文化的核心價值。為推廣可持續發展的重要性，本公司提供專業的可持續發展諮詢服務，為客戶、人力資本和環境創造價值。同時，我們積極與不同機構合作，進一步推動可持續發展實踐，將我們的影響力從本地市場拓展至亞太地區及中東乃至全球。

ABOUT THIS REPORT

關於本報告

Reporting Period and Scope

This Sustainability Report (the “Report”) presents a comprehensive overview of the Environmental, Social and Governance (“ESG”) performance, key milestones, and notable developments of the Company’s major subsidiaries in Hong Kong and Malaysia (collectively referred to as the “Group” or “AEC”) for the reporting period from 1st April 2024 to 31st March 2025 (the “Year”). The Report excludes data or disclosures related to other subsidiaries not specified above.

Apart from presenting an overview of AEC’s sustainability performance, the Report underscores the Group’s strategic commitment to fostering business and societal resilience through the implementation of environmental solutions and proactive stakeholder engagement.

Reporting Framework and Standards

The Report is prepared in accordance with the Global Reporting Initiative (“GRI”) Standards 2021 and the Environmental, Social and Governance Reporting Code (the “ESG Reporting Code”) outlined in Appendix C2 of the Rules Governing the Listing of Securities on GEM of the Stock Exchange (the “GEM Listing Rules”) issued by the Stock Exchange. The Group adheres to the reporting principles prescribed by both GRI standards and the ESG Reporting Code to disclose the policies, practices, and performance highlights of the Year. A content index is set out at the end of the Report as a tool to assist readers in locating disclosures aligned with the ESG Reporting Code and the GRI Standards. Further details on AEC’s Corporate Governance are available in the Annual Report prepared in accordance with Appendix C1 of the GEM Listing Rules.

The Audit Committee and the ESG Committee are entrusted with the responsibility to review and oversee the preparation of the Report, ensuring its alignment with the GEM Listing Rules and other relevant requirements and standards.

Reporting Principles

In preparing the Report, the Group has undertaken a rigorous due diligence process to ensure alignment with the core reporting principles outlined in the ESG Reporting Code.

報告期及範圍

本可持續發展報告(「本報告」)全面呈現本公司在香港和馬來西亞的主要附屬公司(統稱「本集團」或「沛然環保」)，於二零二四年四月一日至二零二五年三月三十一日(「本年度」)期間的環境、社會及管治(「ESG」)績效表現、關鍵里程碑及重要進展。本報告不涵蓋上述以外其他附屬公司的資料或活動。

除了概述沛然環保可持續發展的表現外，本報告亦重申本集團致力以策略方式強化企業與社會的韌性，透過推行以環境為導向的解決方案及積極的持份者互動來實現該承諾。

報告框架及標準

本報告依據全球報告倡議組織(「GRI」)準則2021，以及由聯交所發出之聯交所GEM證券上市規則(「GEM上市規則」)附錄C2的環境、社會及管治報告守則(「ESG報告守則」)所編製。本集團遵照兩大框架—GRI準則及ESG報告守則所規定的報告原則，全面披露本年度的政策、實踐與績效重點。本報告頁尾附設內容索引，方便讀者對照GRI準則及ESG報告守則所涵蓋的相關主題。有關沛然環保企業管治的詳細資訊，請參閱年報，該部分內容根據GEM上市規則附錄C1撰寫。

審核委員會和ESG委員會負責審閱及督導本報告的編製工作，以確保其符合GEM上市規則及其他相關的規定和準則。

報告原則

在編寫本報告的過程中，本集團進行了全面且嚴謹的盡職調查程序，以確保內容符合《ESG報告守則》所規定的報告原則。

ABOUT THIS REPORT

關於本報告

“Materiality”	A comprehensive materiality assessment was conducted to ensure that the Report addresses the most material ESG topics pertaining to our businesses.
「重要性」	本集團進行了重要性評估，確保本報告聚焦並闡述與我們業務最相關且具影響力的ESG議題。
“Quantitative”	The Report aims to disclose quantitative indicators and performance targets wherever feasible, to illustrate our sustainability impact. Data from both the reporting year and the prior year are provided to support year-on-year comparisons.
「量化」	本報告旨在於可行情況下披露具體的量化指標和績效目標，以展示我們所帶來的可持續發展影響力。本報告將同時提供本集團於本年度及上一年度的數據，便於進行年度對比。
“Balance”	The Report provides a fair and transparent account of our ESG strategies and outcomes, avoiding any biased disclosures or misleading omissions.
「平衡」	本報告公正且透明地呈現我們在ESG方面的策略與成果，避免任何偏頗陳述或誤導性遺漏。
“Consistency”	Where applicable, the Report clearly outlines the methodologies, assumptions, data sources, and conversion factors used. Any deviations from past reporting practices are fully explained to ensure comparability and transparency.
「一致性」	在適當情況下，本報告詳細闡述了所使用的標準、工具、假設及轉換係數的來源，以確保資料具可比性與透明度。

To further demonstrate AEC's commitment to sustainability leadership, the Report is also prepared in alignment with the Task Force on Climate-related Financial Disclosures (“TCFD”), the Taskforce on Nature-related Financial Disclosures (“TNFD”), the Ten Principles of the United Nations Global Compact (“UNGC”) and the United Nations Sustainable Development Goals (“UNSDGs”). Building on last year's foundational efforts, this year we will continue aligning our climate-related disclosures with the IFRS S2 Climate-related Disclosures issued by the International Sustainability Standards Board (“ISSB”) under the IFRS Foundation. We have undertaken a readiness assessment to evaluate our capacity to adopt ISSB-aligned disclosures, demonstrating our ongoing commitment to transparent, forward-looking sustainability practices.

為深化沛然環保在可持續發展領域的承諾，本報告亦參照氣候相關財務信息披露工作組（「TCFD」）、自然相關財務揭露工作組「TNFD」、聯合國全球契約（「UNGC」）十項原則和聯合國可持續發展目標。在去年奠定基礎工作的基礎上，我們今年將持續推進氣候相關資訊披露，並與國際財務報告準則基金會（「IFRS Foundation」）之國際可持續準則理事會（「ISSB」）刊所發布的《國際財務報告準則S2號—氣候相關披露》（「IFRS S2」）保持一致。我們已進行能力評估，以評估本機構採納ISSB對應披露的能力，彰顯我們持續致力於透明、前瞻性的可持續發展實踐。

Information and Feedback

For more information about our social and environmental responsibility and business areas, please refer to AEC's official website at <https://www.asecg.com>.

If you have any comments or questions regarding our sustainability disclosures and performance, please feel free to contact us at info@aechk.com or (852) 2815 7028.

聯絡資料

有關更多我們的社會和環境責任和業務範疇資訊，請參考本集團的官方網站：<https://www.asecg.com>。

如果您對本報告有任何意見或查詢，歡迎發送郵件至info@aechk.com或致電(852) 2815 7028與我們聯繫。

FOREWORD

前言

Dear valued stakeholders,

On behalf of the board of Directors (the “Board”), I am honored to present the Report for the financial year ending 31st March 2025. Now in its 31st year since its founding in 1994, the Group proudly reflects on a journey that has mirrored Hong Kong’s steady shift from prioritizing environmental protection to setting carbon-neutrality goals and holistic sustainable development. As a pioneer in advancing environmental excellence, AEC demonstrates its efforts to accelerate the realization of a net-zero economy, create healthy and safe communities and strengthen communication with stakeholders through knowledge sharing.

Commitment to Advancing Net Zero – Building a Carbon-Neutral Economy

As an industry innovation leader, AEC has joined the Asia-Pacific Net Zero Collaborators of the World Green Building Council (WorldGBC) and, as a founding member of the Greater Bay Area Carbon Neutrality Association (GBACNA), has deeply integrated into the regional green development network. Leveraging on its profound expertise in sustainable development and environmental consulting, the Company collaborates closely with the World Green Building Council in the Asia-Pacific region to provide professional support for the Greater Bay Area’s carbon neutrality goals. AEC not only focuses on local development but also engages in the construction of net zero pathways for clients in various countries and regions. Through collaboration with various stakeholders, we actively promote the implementation of sustainable development concepts, contributing to global environmental protection and climate response efforts, and working towards a greener future.

Starting with internal management innovation, AEC reduces energy consumption through the intelligent upgrading of office systems and improves waste sorting and treatment mechanisms, permeating the concept of sustainability into every business process. In the Year, the Company’s Scope 1 and Scope 2 carbon emissions decreased by 17% compared to the previous year and were consistent with our SBTi roadmap. This remarkable achievement validates the effectiveness of its green transformation strategy. Looking ahead, AEC has set a clear goal to achieve net-zero emissions by obtaining certification from the Science Based Targets initiative (“SBTi”) before 2044, and will continue to lead the industry’s green transformation.

致各位尊貴的持份者：

本人謹代表董事會（「董事會」），誠意呈交本集團截至二零二五年三月三十一日止年度的報告。本集團自一九九四年創立至今，已邁入第31個服務年頭，並自豪地見證及參與香港在重視環境保護的基礎上，逐步邁向碳中和目標及全面可持續發展的新階段。作為推動環境卓越的先驅，沛然環保展示了加速實現淨零經濟、打造健康和安安全社區以及通過知識共享和加強與持份者的溝通所做出的努力。

承諾推進淨零排放－建設碳中和經濟

作為行業創新引領者，沛然環保已加入世界綠色建築委員會亞太區淨零合作者行列，並成為大灣區碳中和協會(GBACNA)的創會成員，深度融入區域綠色發展網絡。憑藉在可持續發展及環境顧問領域的深厚積累，公司與世界綠色建築委員會亞太區開展緊密合作，以提供專業支持，助力大灣區達成碳中和目標。沛然環保不僅關注本地區的發展，還投身於多個國家和地區客戶群體的碳中和路徑構建工作。通過與各方合作，我們積極推動可持續發展理念的落實，助力全球環境保護和氣候應對，為實現一個更綠色的未來貢獻力量。

從內部管理革新著手，沛然環保通過辦公系統智能化升級來減少能耗，完善廢棄物分類處理機制，將可持續理念滲透至每個業務環節。在本報告年度，範圍1和範圍2的碳排放量較上一年度降低了17%，並與我們的SBTi路線圖保持一致，這一顯著成果印證了公司綠色轉型策略的有效性。面向未來，沛然環保已明確目標，將全力在二零四四年前通過科學基礎減碳目標倡議(SBTi)認證，實現淨零排放，持續引領行業綠色變革。

FOREWORD

前言

Creating a Healthy and Safe Community

A safe and healthy working environment serves as the core pillar of sustainable development, a domain we have consistently dedicated ourselves to advance. In the Year, we harnessed technological innovation to upgrade our environment, establishing a real-time indoor air quality monitoring system to ensure indicators such as PM2.5 and formaldehyde always meet health standards. For air quality management, we employ high-efficiency filtration equipment and ventilation systems, integrated with intelligent control technologies, to effectively reduce harmful substance concentrations. In terms of safety facilities, from fire-fighting equipment to emergency rescue gear, all are configured and maintained strictly in accordance with international standards. These solid measures not only construct a comprehensive health and safety defense for employees but also demonstrate our commitment and responsibility in creating sustainable workplace scenarios.

Meanwhile, we have refocused on the development of employees' mental health and dedicated efforts to enhancing the quality of internal communication, so as to raise employees' attention and awareness of physical and mental health. By signing the Mental Health Workplace Charter and the Joyful@Healthy Workplace charter promoted by the Department of Health, the Labour Department, and the Occupational Safety and Health Council, we strive to foster a corporate cultural ecosystem of "caring for work-life balance and co-creating a healthy workplace".

Fostering a Sustainable Future through Tech-Driven Knowledge Sharing

Sustainable development thrives on innovation and collaboration. As a leading environmental consultancy firm in Hong Kong, AEC Group actively integrates cutting-edge technologies to revolutionize ESG practices. In 2024, we partnered with GreatMeta to pioneer AI-driven ESG chatbots, enabling real-time sustainability guidance for clients. Concurrently, we are collaborating with AI analytics firms to address data gaps and inaccuracies in ESG reporting through advanced predictive modeling and NLP-powered data mining.

締造健康安全的社區

安全與健康的工作環境作為可持續發展的核心支柱，始終是我們不遺餘力深耕的領域。本年度，我們利用科技推動環境升級，搭建實時室內空氣質量監測體系，確保空氣中PM2.5、甲醛等指標時刻符合健康標準。在空氣質量管控上，我們採用高效過濾設備與通風系統，搭配智能調控技術，有效降低有害物質濃度；在安全設施配備方面，從消防器材到應急救援裝備，均嚴格按照國際標準配置與維護。這些紮實舉措不僅為員工構築起全方位的健康安全防線，更彰顯了我們在打造可持續工作場景中的責任與擔當。

與此同時，我們亦重新聚焦員工心理健康發展，致力提升內部溝通質素，以提高員工對身心健康的關注與認識。通過簽署由衛生署、勞工處和職業安全健康局的推行的《精神健康職場約章》和「好心情@健康工作間」約章，推動形成「關注身心平衡、共創健康職場」的企業文化生態。

以科技驅動知識共享 共建可持續未來

可持續發展建基於創新與協作。作為香港領先的環保顧問機構，AEC集團積極融合尖端科技革新ESG實踐。二零二四年，我們與GreatMeta合作開創AI驅動ESG聊天機械人，為客戶提供即時可持續發展指引；同時聯手多家AI數據分析企業，通過預測模型與自然語言處理技術，破解ESG報告中的數據缺失與準確性的難題。

FOREWORD

前言

Our commitment to tech-enabled knowledge sharing is further exemplified by Sustainature – our one-stop ESG digital platform launched in 2021. Continuously upgraded with client feedback, it now incorporates Bursa Malaysia ESG KPIs as we expand across Asia Pacific. Additionally, our Joint Venture with Farseer is developing the ESGVaR platform, an AI and GPT-based tool for sustainability risk analysis. It helps clients to manage sustainability risks effectively and streamline ESG regulatory compliance by automating data collection, analysis, and disclosure processes. The platform leverages AI and Natural Language Processing for real-time monitoring and advanced analytics to enhance ESG performance.

Alongside advancing sustainability, we cultivate technological expertise through dedicated “Green Tech Symposia” – hosting workshops on AI-driven ESG analytics, innovative sustainable building materials, evolving construction technology standards, and other emerging solutions. These forums, complemented by career talks on climate tech and green finance, catalyze cross-sector innovation among stakeholders. Internally, our employees enhance their proficiency via tech-focused workshops, including seminars on ESG data analytics platforms and webinars demystifying IoT applications in resource management, keeping our team equipped with cutting-edge sustainable technologies.

Integrating Sustainable Development Concepts into Financial Practices

Recognizing the critical role of finance in promoting sustainable development, AEC actively leads the development of green finance. With our forward-looking strategic insights and customized solutions, we empower clients to select and invest in green projects and assets, helping them effectively achieve their sustainable development goals. We guide capital towards environmentally friendly projects, collaborating with our clients to create a more vibrant blueprint for sustainable development.

我們對「科技驅動知識共享」的承諾更體現於二零二一年推出的一站式ESG數碼平台Sustainature。該平台持續根據客戶反饋升級，現已納入馬來西亞交易所(Bursa Malaysia)的ESG關鍵指標，助力亞太區業務拓展。此外，我們與Farseer合資開發的ESGVaR平台是一個基於人工智能和GPT的可持續性風險分析工具。該平台幫助客戶有效管理可持續性風險，並通過自動化數據收集、分析和披露流程來簡化ESG監管合規。該平台利用人工智能和自然語言處理技術，提供實時監控和高級分析，以提升ESG表現。

在推進可持續發展的同時，我們透過專項的「綠色科技研討會」來提升技術能力—舉辦聚焦AI驅動ESG數據分析、創新環保建築材料、建築技術標準最新發展等新興解決方案的工作坊。此類活動與氣候科技及綠色金融職業講座相輔相成，激發持份者間的跨界創新。內部方面，員工通過科技主題培訓(包括ESG數據分析平台研討會和物聯網資源管理應用講座)深化專業技能，持續提升團隊掌握前沿可持續發展科技的能力。

將可持續發展理念融入金融實踐

深知金融在推動可持續發展的關鍵作用，沛然環保積極引領綠色金融發展。我們憑藉前瞻性策略洞察與客製化解決方案，賦能客戶甄選並投資綠色項目與資產，協助其有效實現可持續發展目標，並引導資本流向環境友好型項目，攜手客戶群體共同繪製更加多彩的可持續發展藍圖。

FOREWORD

前言

In the coming year, the Group will amplify tech-enabled innovation to lead the net-zero transition. On behalf of the Board and management, I extend heartfelt gratitude to our staff, partners, and clients for their steadfast support. We reaffirm our commitment to excellence and positive change – pioneering the integration of technology and sustainability to build a resilient, tech-empowered future.

Kwok May Han Grace

Chairman and Executive Director

20 June 2025

在未來的一年裡，本集團將強化科技驅動創新，引領淨零轉型。董事局及管理層謹向全體員工、合作夥伴與客戶致以誠摯謝意。沛然環保堅守追求卓越與正向變革的承諾－持續探索科技與可持續發展的有機結合路徑，共建具科技韌性的未來。

郭美珩

主席兼執行董事

二零二五年六月二十日



Ms. Grace Kwok, the Chairman, was awarded the WorldGBC – 2024 Asia-Pacific Green Building Women Leadership Award

主席郭美珩女士榮獲「WorldGBC－2024年亞太綠色建築女性領袖獎」

2024/25 SUSTAINABILITY HIGHLIGHT

二零二四／二五可持續發展亮點

During the Year, we have received various achievements and recognitions for our continuous commitment to promoting sustainability. We will continue to dedicate our efforts to building a sustainable future.

本年度，我們繼續致力於促進可持續發展，取得了多項成就和認可。我們將繼續努力建設可持續發展的未來。

Number of sustainability
awards and recognitions
可持續發展獎項和榮譽之數目

19

Number of sustainability-related
charter/memberships
有關可持續發展的憲章／會籍之數目

24

Number of sustainability projects
completed for our clients
為我們客戶完成的
可持續發展項目之數目

216

513,980

Estimated greenhouse
gas ("GHG") emissions
reduction of completed
sustainability projects for
our clients (tCO₂e)
為我們客戶完成的可持續發
展項目的預計溫室氣體減排
量(噸二氧化碳當量)

Number of community
educational activities
(e.g. talks for promoting ESG,
green finance)
社區教育活動次數之數目(例如：
宣傳ESG和綠色金融講座等)

25

OUR APPROACH TO SUSTAINABILITY

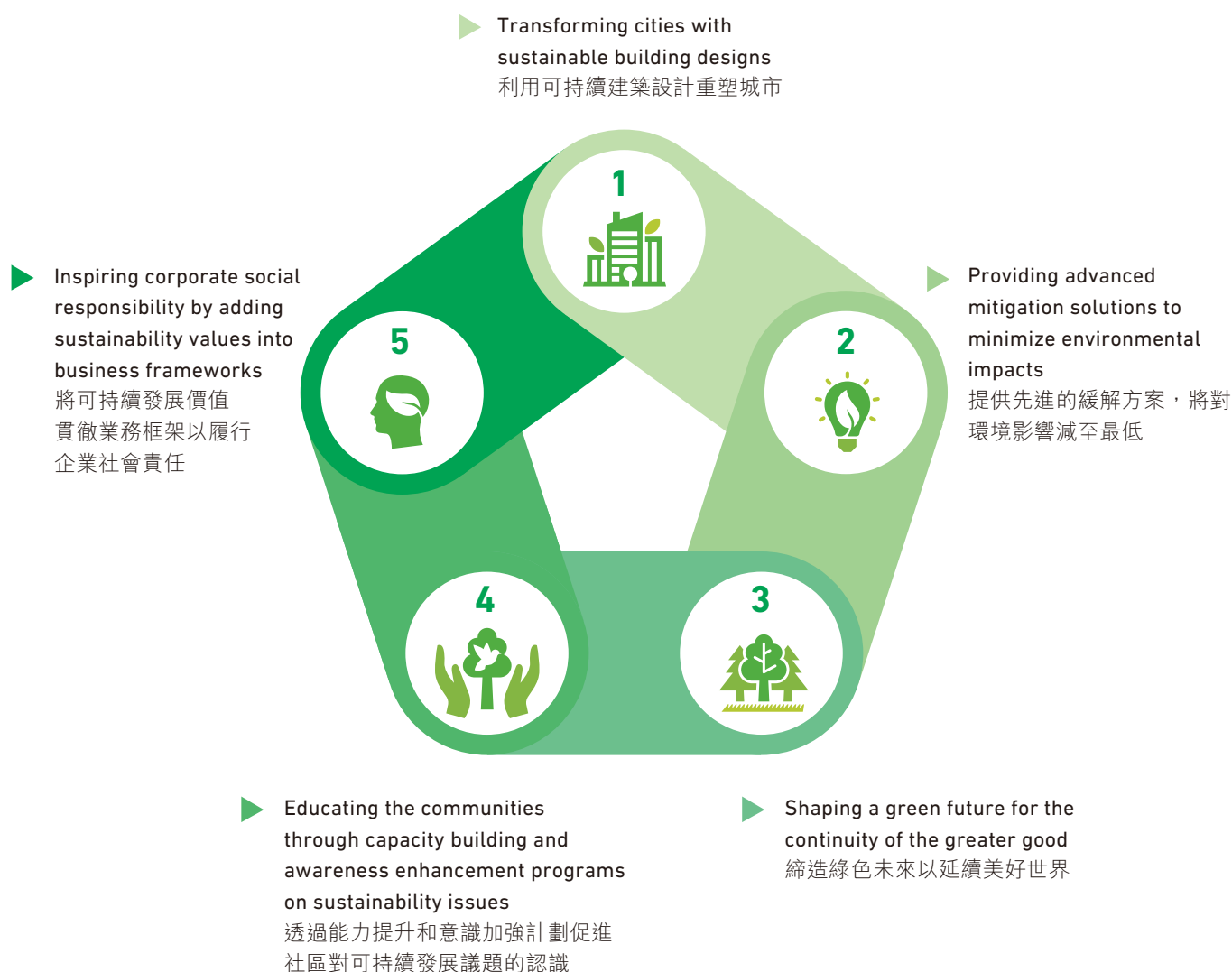
我們的可持續發展方針

Vision and Mission

Established in 1994, AEC's vision is to become a world-class one-stop environmental and sustainability consultancy service provider driven by the following mission:

我們的願景和使命

沛然環保成立於一九九四年，致力於成為世界一流的環境和可持續發展顧問服務供應商，並肩負以下使命：



OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Core Value

As a pioneering force in the sustainability and environmental consultant sector, AEC provides a sustainable route forward for our employees, clients, business partners, and the community. Under our sustainability framework, our work is anchored by four key pillars – Wellness, Awareness, Environment and Collaboration.

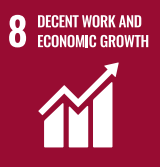
我們的核心價值觀

作為可持續發展和環境顧問領域的先鋒，沛然環保為我們的員工、客戶、商業夥伴和社區提供了一條可持續發展的道路。在我們的可持續發展框架下，我們的工作由福祉、意識、環境和合作四大核心支柱組成。



OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Pillars 支柱	Application 應用	Mapped UNSDGs 對應的聯合國可持續發展目標
Environment 環境	We contribute to building sustainable cities and economies through the following solutions: 我們通過以下解決方案為建設可持續城市和經濟作出貢獻： • Provide environmental impact assessment services that reduce the adverse environmental impact of urban development, e.g. ecological impact studies, drainage impact assessments 提供環境影響評估服務，例如生態影響研究、排水影響評估，以減少城市發展對環境的不利影響 • Actively promote green building certifications that drive green operations, e.g. circular economy practices, use of renewable energy and provision of green communal spaces 積極推動綠色建築認證，以促進綠色營運，例如循環經濟實踐、使用可再生能源以及提供綠色公共空間 • Provide ESG consultancy services that facilitate our corporate clients to pursue swift decarbonization pathways and strengthen climate resilience ESG諮詢服務能幫助我們的企業客戶實現減碳途徑和強化氣候應變能力	    
Wellness 福祉	We directly contribute to the well-being of the society through our services in the following areas: 我們通過以下服務領域直接為社會福祉作出貢獻： • Provide environmental impact assessment services that monitor and mitigate negative health and safety impacts, e.g. land contamination, air, water and noise pollution 提供環境影響評估服務，監測和減低對健康和安全的負面影響，例如土地污染、空氣、水和噪音污染 • Promote sustainability-related building certifications that focus on the health and wellness of building occupants, e.g. WELL certifications 推廣與可持續性相關的建築認證，例如WELL認證，注重於住客的健康和福祉 • Provide acoustics, audio-visual and lighting design consultancy services that bolster occupants' well-being through the provision of pleasant acoustic and lighting environments 提供聲學、視聽和照明設計諮詢服務，通過提供宜人的聲學和照明環境來提升使用者的福祉 • We embrace people-centric principles and enhance our employees' wellness in the workplace through the following ways: 我們奉行以人為本的原則，並通過以下方式提高員工在辦公室的健康： • Provide healthcare coverage to all full-time employees 為所有全職員工提供醫療保健服務 • Maintain a safe, hygienic and comfortable workplace 維持一個安全、衛生和舒適的工作場所 • Uphold non-discriminatory policies and gender equality principles 堅持非歧視政策和性別平等原則 • Offer counseling services 提供精神輔導服務 • Offer parental leave to our staff 為我們的員工提供侍產假	    

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Pillars 支柱	Application 應用	Mapped UNSDGs 對應的聯合國可持續發展目標
Awareness 意識	We promote sustainability awareness among our clients, employees and the community through the following ways: 我們透過以下方式在客戶、員工間和社區中宣傳可持續發展意識： - Assist our clients in adopting sustainable practices and transparent ESG disclosures 協助我們的客戶採用可持續的方法公開透明地報告和披露ESG議題 - Carry out a sustainable management of resources at our office in the consumption of electricity, energy, water and paper, etc. 率先在我們辦公室就消耗電力、能源、水和紙張等資源進行可持續管理 - Nurture youths and the next generation with sustainability-related skills and knowledge through participation in seminars and talks 通過參加研討會和講座，培養青年和下一代與可持續發展相關的技能和知識	 
Collaboration 合作	We recognize the importance of partnerships and strive to achieve synergy among stakeholders through the following approaches: 我們認識到夥伴關係的重要性，並努力通過以下方法激活持份者之間的協同作用： - Demonstrate superior corporate governance practices 以優秀的企業管治實踐作示範 - Strengthen the capabilities of diverse sectors through participation in various associations 通過參加不同的協會，提升不同部門的能力 - Launch multi-stakeholder partnerships that advance industry innovation 建立共同點以加強多方持份者的合作關係	  

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Sustainability Governance

Good governance facilitates sustainability, creates sustainable values and drives the Group to practice its values. The Group has established an ESG Committee in 2016 comprising executive and independent non-executive directors. The ESG Committee, chaired by an executive director, oversees all ESG-related topics and reports periodically to all Board members.

AEC's Sustainability Working Group (the "SWG"), under the ESG Committee, includes representatives from each team and department. The SWG comprises diverse talents from a broad spectrum, allowing the Group to capture opinions through a bottom-up approach. The SWG plays a crucial role in customizing and analyzing ESG-related policies and procedures to raise sustainability awareness across the organization. Besides, the SWG collaborates closely with relevant departments to ensure the accurate collection, analysis, and presentation of ESG data necessary for crafting the Report. Beyond its internal functions, the SWG is also responsible for advancing corporate social responsibility through commitments and targets.

This collaborative spirit extends beyond the SWG, as the Audit Committee, Risk Management Committee, ESG Committee, and the SWG work together to identify and assess potential ESG risks and opportunities in daily operations to strategize and implement AEC's sustainability vision and objective. Additionally, both the Audit Committee and the ESG Committee are responsible for reviewing and overseeing the Report in compliance with the GEM Listing Rules and other applicable requirements and standards.

AEC has established the Responsible Investment Committee in February 2022 to promote sustainable procurement practices. The committee integrates ESG factors, sustainability, climate resilience, biodiversity, and carbon neutrality into investment planning to ensure that responsible investment principles are embedded throughout the entire decision-making process.

可持續發展管治

良好的管治能促進可持續發展，創造可持續價值並推動本集團實踐其價值觀。本集團已於二零一六年成立由執行董事及獨立非執行董事組成的ESG委員會。ESG委員會由執行董事擔任主席，負責監督所有與ESG相關的主題，並定期向所有董事會成員報告。

沛然環保的可持續發展工作組（「SWG」）隸屬於ESG委員會，其中包括來各團隊和部門的代表。SWG由多元化的人才和背景構成，讓本集團能夠從自下而上的方式獲取意見。SWG在定制和分析ESG相關政策和程序方面發揮著關鍵作用，以促進組織內的可持續發展意識。此外，SWG與相關部門密切合作，以確保準確收集、分析和呈現ESG數據，這些數據對制定本報告至關重要。除了其內部功能外，SWG亦負責通過承諾和目標推進企業社會責任。

這種合作精神不僅僅存在於SWG之中，審計委員會、風險管理委員會、ESG委員會和SWG緊密合作，識別並評估日常營運中可能出現的ESG風險和機遇，以制定和實施沛然環保的可持續發展願景和目標。此外，審核委員會和ESG委員會負責根據GEM上市規則及其他適用的規定和準則審閱及監督本報告。

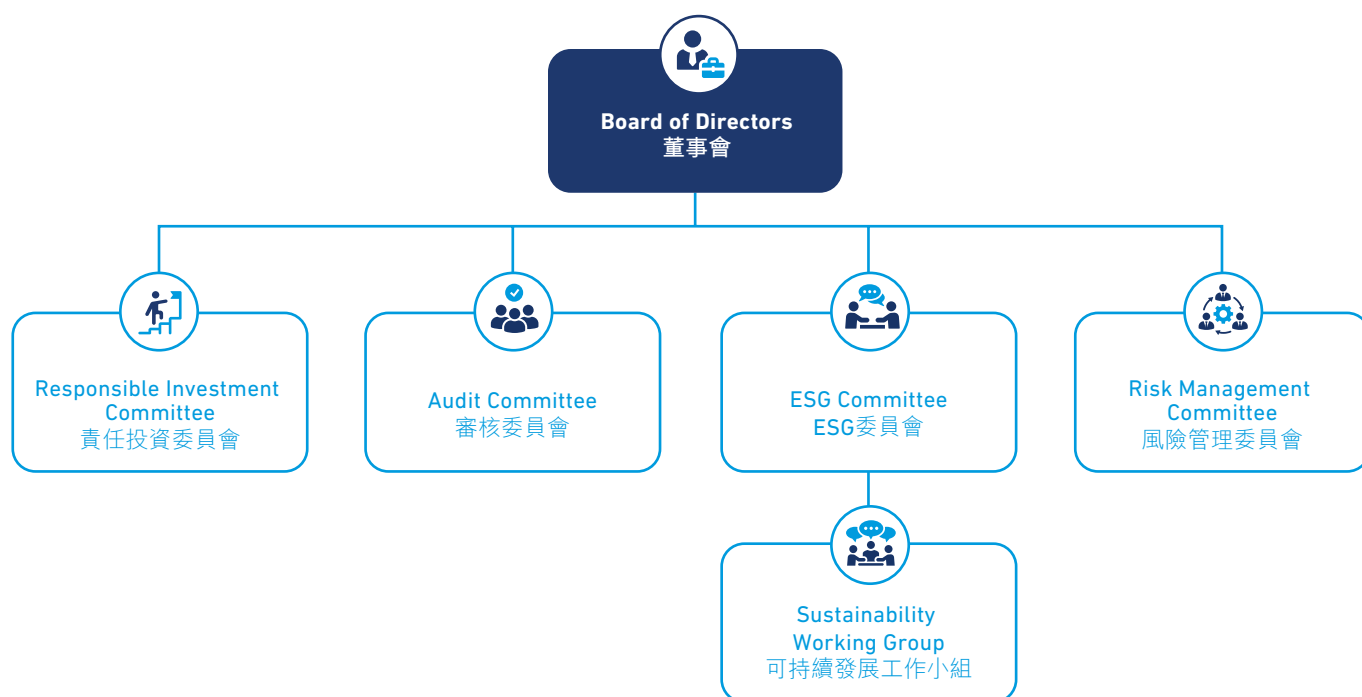
沛然環保於2022年2月成立責任投資委員會，專注推動可持續採購實踐，將ESG、可持續性、氣候適應力、生物多樣性及碳中和等影響因素納入投資規劃，確保責任投資原則貫穿決策全流程。

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Sustainability Governance Structure

可持續發展治理架構



AEC incorporates the concept of sustainability into the Group's principles, operational strategies and operations. The ESG Committee implements sustainability policies on both environmental and social aspects.

沛然環保將可持續發展的概念融入集團的原則、運營策略和運營當中。ESG委員會在環境和社會方面實施可持續發展政策。

Environmental Policies 環境政策	Social Policies 社會政策
Implement Environmental Management Systems ("EMS") in accordance with ISO 14001:2015 根據ISO 14001:2015實施環境管理系統(「EMS」)	Operate Quality Management Systems ("QMS") in accordance with ISO 9001:2015 根據ISO 9001:2015執行品質管理系統(「QMS」)
Optimize energy, water and other resources as efficient as possible 盡可能高效地優化能源、水和其他資源	Fulfill commitment as a Caring Company that cares about the employees, the community and the environment 履行「商界展關懷」對員工、社區和環境的承諾
Reduce environmental impacts on business and maintain efficient and effective operation 減少業務對環境的影響，並保持高效有效的運營	Promote sustainable procurement of products and services 促進產品和服務的可持續採購

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Corporate Governance

企業管治



Adhering to strict business ethics and integrity, AEC is dedicated to strong corporate governance to assure fair and transparent operations. As stipulated in our Staff Handbook, employees must avoid and declare any potential conflicts of interest and benefits, for instance, gifts received while accomplishing their tasks. More details are disclosed in the Corporate Governance Report of our 2024/25 Annual Report.

To maintain a high standard of corporate governance, the Group is committed to enhancing anti-corruption awareness among its staff and provides anti-corruption training to staff and directors. Relevant personnel are required to understand the requirements of anti-corruption and integrity, and bribery in any form is strictly prohibited. During the Year, the Group has provided anti-corruption training to our staff, including directors.

Should there be any incidents of misbehavior and malpractice, employees are required to report to the administrative/human resources department through the reporting box – an anonymous whistleblowing mechanism. Upon receipt of any such report, an investigation shall be initiated by the legal department as soon as possible. During the Year, AEC was not convicted of any non-compliance with anti-corruption-related rules and regulations.

Moreover, effective from 2022, the Stock Exchange has amended the rule on gender diversity under the amended corporate governance code. AEC was well prepared to address the new update. In the Year, we have achieved over 33% of women's representation on the Board.

沛然環保秉持嚴謹的商業道德及誠信，並致力於有效的企業管治，以確保公平而透明的企業運營。我們的員工手冊亦有申明，員工必須避免並聲明任何潛在的利益和利益衝突，如在完成任務時收取禮物。更多資訊可參閱我們於二零二四／二五年報中的企業管治報告。

本集團致力於提升員工的反貪污意識，並為員工及董事提供反貪污培訓，以維持高水準的企業管治。相關人員需要了解反腐倡廉的要求，並嚴禁任何形式的賄賂。本年度內，本集團已向包括董事在內的員工提供反貪污培訓。

若發現任何不當行為和瀆職事件，員工可通過舉報箱，以匿名舉報的方式，向行政或人力資源部門作出舉報。法律部門應會盡快啟動審查。本年度內，沛然環保並無被指控違反反貪污相關規則及法規。

此外，自二零二二年起，聯交所在經修訂的企業管治守則下收緊了性別平等規則。沛然環保已為應對更新作好充分的準備，本年度，在我們董事會中已實現了超過33%的女性代表。

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Stakeholder Engagement

Sustainable development is strongly linked to our stakeholders' feedback as they engage in our business activities and value chain. We treasure all opinions from our internal and external stakeholders as their views would assist our decision-making, and we have set up different communication platforms to connect our stakeholders.

持份者參與

可持續發展與我們持份者的反饋息息相關，他們參與了我們的業務活動和價值鏈。我們重視來自內部和外部持份者的所有意見，因為他們的意見將協助我們的決策，因此我們已建立不同的溝通平台來與我們的持份者保持聯繫。

Communication Platforms 通訊平台



OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Materiality Assessment

To identify, assess, and prioritize the most critical ESG issues, AEC continued to adopt the results of last year's sustainability surveys of external and internal stakeholders in the Year. Based on the survey results and feedback, AEC can review its performance and impacts across various sustainability dimensions, ensuring dynamic alignment between ESG strategies and business objectives, and driving the transformation of sustainability from concepts to measurable performance.

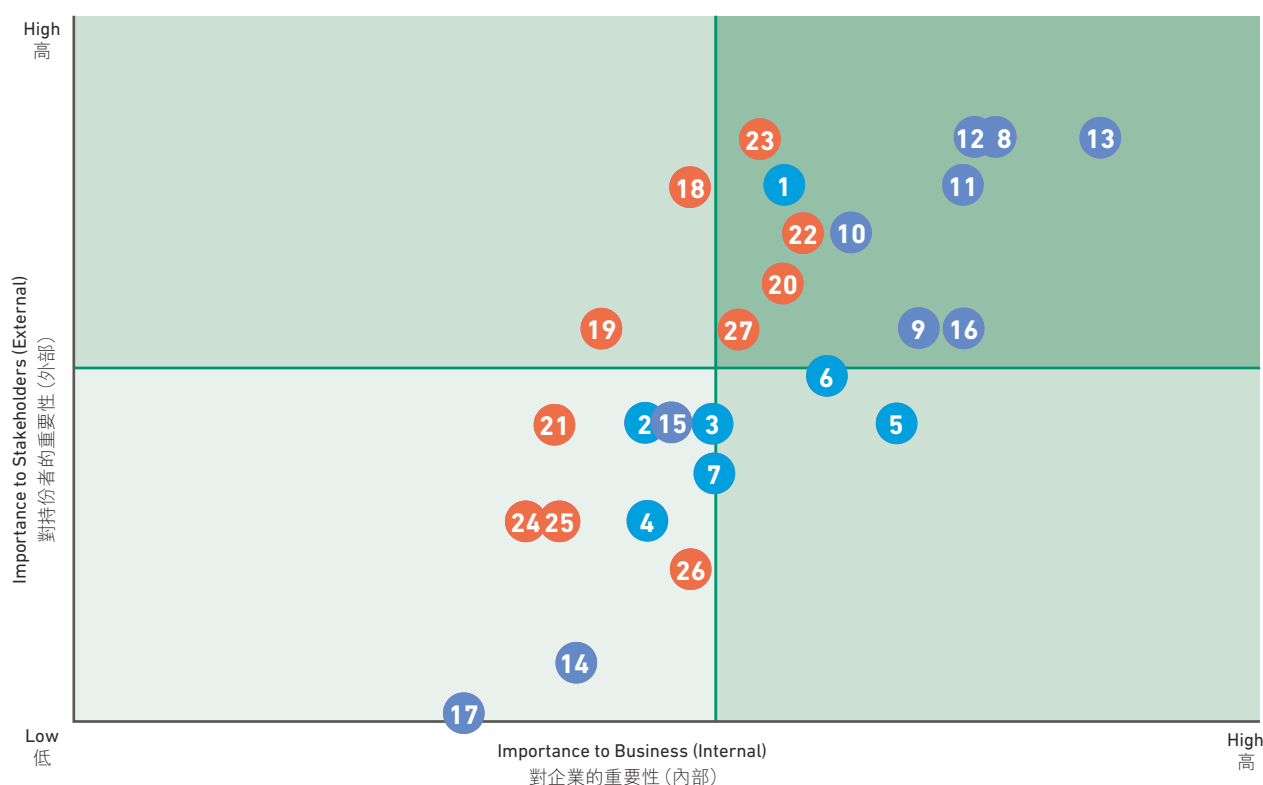
The following materiality matrix was generated to rank our material ESG issues. The Board, the ESG Committee and the SWG have confirmed its relevance for the Year and is continuously working to incorporate into AEC's sustainability roadmap and daily operations. The results of materiality assessment are also the focus areas of the Report.

重要性評估

為了識別、評估和優先考慮最重要的ESG議題，沛然環保本年度延續採用上一年度外部和內部持份者的可持續發展問卷調查結果。根據結果和反饋，沛然環保可以審查其在各個可持續性方面的表現和影響，確保 ESG 策略與商業目標的動態協同，推動可持續發展從理念向績效的轉化。

我們使用以下重要性矩陣來對我們的重要ESG議題進行排名。董事會、ESG委員會和SWG已確認其與本年度的相關性，並不斷努力將其納入沛然環保的可持續發展路線圖和日常運營。重要性評估結果也為本報告的重點領域提供了信息。

Materiality Matrix
重要性矩陣



OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Environment 環境	Social 社會	Economic and Business 經濟和業務
1. Sustainability awareness promotion ^{Note 1} 推廣可持續發展意識 ^{註一}	8. Talent attraction 人才招攬	18. Financial performance 財務績效
2. Resources optimization 善用資源	9. Equal opportunities and non-discrimination 平等機會及無歧視	19. ESG governance (e.g. Board's involvement in ESG issues) ESG管治(如董事會對ESG議題的參與)
3. GHG and air emission 溫室氣體及廢氣排放	10. Team communication and building 團隊溝通與建設	20. Business ethics and integrity 商業道德與誠信
4. Innovation building design 創新建築設計	11. Employee professional training 員工專業培訓	21. Anti-corruption 反貪污
5. Green office culture 綠色辦公室文化	12. Employee well-being and safety 員工福祉與安全	22. Client satisfaction and feedback 客戶滿意度和反饋
6. Office waste management 廢棄物管理	13. Employee satisfaction 員工滿意度	23. Service quality 服務質素
7. Eco-friendly procurement 環保採購	14. Workplace diversity 工作場所多元化	24. Supplier/Subcontractor quality 供應商／分包商質素
	15. Labor standards (e.g. preventing illegal labor) 勞工準則(防止非法勞工)	25. Supplier/Subcontractor management 供應商／分包商管理
	16. Workplace environment (e.g. office comfort level) 工作場所環境(如辦公室舒適度)	26. Handling mechanism for complaints and inquiries 投訴和查詢處理機制
	17. Community investment and involvement 社區投資及參與	27. Information privacy and protection 信息隱私與保護

Note 1: Material ESG issues have been highlighted in bold.

註一：重要ESG議題以粗體突出顯示。

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Climate- and Nature-related Financial Disclosures

氣候和自然相關財務信息披露



In 2021, four organizations – the UN Development Programme (“UNDP”), the UN Environment Programme Finance Initiative (“UNEP FI”), the World Wildlife Fund (“WWF”), and the non-profit Global Canopy – jointly launched the Taskforce on Nature-related Financial Disclosures (“TNFD”). This initiative responds to the financial sector’s growing recognition of nature-related risks and opportunities as material factors in investment decision-making. As a global market-driven effort, TNFD convenes financial institutions, corporations, and data providers to develop a comprehensive risk management and disclosure framework. This framework enables organizations to systematically identify, assess, and report on their nature-related dependencies, impacts, risks, and opportunities.

By establishing standardized metrics and guidance, TNFD aims to redirect global financial flows from nature-negative activities towards nature-positive outcomes – a strategic alignment with Target 15 of the UN’s Kunming-Montreal Global Biodiversity Framework (“GBF”), which mandates nature-related disclosures by large businesses before 2030. Building on the successful model of the Task Force on Climate-related Financial Disclosures (TCFD), the TNFD framework specifically addresses the unique challenges of natural capital valuation and assessment.

AEC actively participates in and contributes to the drafting and optimization of TNFD-related documents. We provide constructive feedback on the TNFD Recommendations and Additional Guidance publications, focusing on improving guidelines, the application of TNFD core global disclosure metrics, and the practicality of sector metrics. This year, AEC has integrated the TNFD framework into its ESG report for the first time, showcasing the group’s industry foresight in practice and planning. Looking forward, AEC is committed to offering professional TNFD consulting services to a diverse range of industry clients, promoting collaborative action in natural capital management.

二零二一年，聯合國開發計劃署、聯合國環境金融倡議、世界自然基金、與非營利環團全球樹冠層四個組織，共同推出了自然相關財務揭露工作小組倡議(TNFD)。自然相關財務揭露工作小組旨在回應金融界日益認識到自然相關風險與機遇對投資決策具有重大影響的需求。這項全球性的市場主導倡議彙聚了金融機構、企業和資料服務商，共同開發了一套全面的風險管理與披露框架，幫助機構系統性地識別、評估並報告其與自然相關的依存關係、影響、風險及機遇。

通過提供標準化指標和指引，TNFD致力於推動全球資金流從損害自然的業務轉向對自然產生積極效益的活動——這一戰略方向直接呼應《聯合國昆明—蒙特利爾全球生物多樣性框架》第15項目標，即要求大型企業在二零三零年前強制披露自然相關資訊。TNFD框架延續了氣候相關財務資訊披露工作的成功模式，同時針對自然資本評估與估值的獨特挑戰提出了解決方案。

沛然環保積極參與並貢獻於TNFD相關文件的編撰及優化工作，就TNFD建議文件及補充指引出版物，提供關於改進指南、TNFD核心全球披露指標之應用，以及行業指標實用性等方面的建設性意見。本年度，沛然環保首次將TNFD框架融入ESG報告之中，以展示本集團於實踐及規劃方面的行業前瞻性。展望未來，沛然環保致力為多元行業客戶群提供專業的TNFD諮詢服務，以推動在自然資本管理層面的共同行動。

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Recognizing the risks and opportunities associated with climate change and nature-related in our business operations, AEC is committed to demonstrating to our stakeholders our approach to managing climate and nature-related risks and opportunities in alignment with the ISSB Disclosure Guidelines and the UK Transition Plan Taskforce ("TPT") Guidance. We disclose our approach to the management of climate- and nature-related risks and opportunities through four core elements: governance, strategy, risk management, and metrics and targets.

沛然環保意識到我們業務營運中與氣候變化和自然相關的風險和機遇，為了向我們的持份者展示我們應對氣候和自然相關風險和機遇的管理方法，致力與ISSB披露準則和英國的轉型計劃工作組(TPT)指南保持一致。我們通過管治、策略、風險管理以及指標和目標這四個核心元素來披露我們的氣候和自然相關風險和機遇的管理方法。



Governance

AEC's governance on climate- and nature-related risks and opportunities is part of the sustainability governance. The Board holds ultimate responsibility for overseeing climate- and nature-related risk management, which provides guidance on the overall direction of the management and making final decisions. The ESG Committee and the SWG meet regularly and report to the Board on climate-related risk information. The Audit Committee, the Risk Management Committee, the ESG Committee and the SWG collaborate with each other to analyze and manage potential climate and nature-related risks and opportunities. The following provides a detailed introduction to the climate and nature-related management responsibilities of each sustainable development governance function.

管治

沛然環保對氣候和自然相關風險和機遇的管治是可持續發展管治的一部分。董事會負責監督氣候和自然相關風險管理，為管理層的總體方向提供指導並進行最終決策。ESG委員會和SWG定期舉行會議，並向董事會報告氣候和自然相關風險信息。審計委員會、風險管理委員會、ESG委員會和SWG相互合作，分析和管理的氣候和自然相關風險和機遇。以下詳細介紹每個可持續發展管治職能的氣候和自然相關的管理職責。

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Sustainability Governance 可持續發展管治	Climate and Nature Management Related Duties 氣候和自然管理相關職責
Board 董事會	Oversee climate- and nature-related issues and set overall climate- and nature-related goals for the Company 監督氣候和自然相關問題並為本公司設定與氣候和自然相關的總體目標
ESG Committee ESG委員會	Formulate assessment policies and procedures for climate- and nature-related risks and opportunities, defining evaluation frequency and update mechanisms to provide an informational and guidance framework for addressing sustainability issues and developing implementation measures 制定氣候與自然相關風險及機遇的評估政策與流程，明確評估頻次及更新機制，為可持續性議題的解決及實施措施的制訂提供資訊與指導框架
SWG 可持續發展工作小組	Provide a wide range of perspectives, including reporting implementation difficulties and collecting opinions from different stakeholders 提供不同持份者觀點，包括報告實施困難和收集不同持份者的意見
Risk Management Committee 風險管理委員會	Advise on matters that may have an impact on the risk management and practices related to climate- and nature-related financial risks 就可能影響與氣候和自然相關金融風險相關的風險管理和實踐的事項提供建議
Audit Committee 審核委員會	Oversee the Company's risk management framework to identify and deal with financial, operational, legal, regulatory, technology, business and strategic risks faced by the Company 監督本公司的風險管理框架，以識別和處理集團面臨的財務、運營、法律、監管、技術、業務和戰略風險

Strategy

In the Year, AEC further analyzed climate-related risks by using climate scenarios in the risk assessment with reference to the ISSB recommendations. We engaged our management and external stakeholders to identify climate-related risks relevant to our assets. We have adopted quantitative and qualitative scenario analysis to identify risk and develop a comprehensive strategy. Simultaneously, aligning with the LEAP (Locate, Evaluate, Assess, Prepare) methodology recommendations, the Company systematically advances the deep integration of nature-related factors into business strategies. During the "Locate" and "Evaluate" phases, we employ TNFD framework-mandated governance processes to identify and prioritize material nature-related risks and opportunities that have significant environmental impacts and high business relevance. This ensures natural capital considerations are embedded into corporate strategic decision-making.

策略

本年度內，沛然環保參考ISSB建議，在風險評估中使用氣候情景，進一步分析了氣候相關風險。我們聘請了管理層和外部持份者來識別與我們資產相關的氣候相關風險。我們採用定量和定性情景分析來識別風險並制定綜合策略。與此同時，根據LEAP(定位、評估、評量、準備)方法論建議，為系統推進自然相關因素與業務策略的深度整合，公司於「定位」及「評估」階段，透過TNFD框架要求的治理流程，系統性識別並優先排序對自然具有重大影響且與業務高度相關的風險與機遇，以確保自然相關因素納入企業策略決策體系。

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Climate-Related Physical Risks

We have conducted climate assessment on our office's exposure to floods, sea-level rise, hurricanes and typhoons, heat stress and water stress to mid-term projection period, 2030–2040. This modeling allowed us to evaluate long-term risk exposure and the underlying risk drivers for each hazard. The result showed that there is an overall nil to low risk level of floods, heat stress, water stress and wildfire, a low-medium risk level of sea level rise, and a high-risk level regarding typhoons. Typhoons can directly damage physical buildings and can also cause indirect disruption through impacts on transportation, energy and communications infrastructure. In response to the physical risks of climate change, we have formulated contingency arrangements in case of extreme weather conditions for our operations.

氣候相關實體風險

我們對辦公室進行中期預測，在二零三零年至二零四零年期間遭受洪水、海平面上升、颶風和颱風、熱壓力風險和缺水風險的風險進行了氣候評估。該模型使我們能夠評估長期風險敞口和每種危害的潛在風險驅動因素。結果表明，在洪水、熱壓力風險、水資源壓力和野火方面沒有或低風險水平，海平面上升為中低風險水平，而颱風的風險水平很高。颱風可以直接破壞實體建築，也可以通過對交通、能源和通信基礎設施的破壞造成間接影響。為應對氣候變化帶來的實體風險，我們為運營制定了極端天氣情況下的應急安排。

Climate Hazard 氣候災害



Floods, Heat Stress, Water Stress, Wildfire
洪水、熱壓力風險、水資源壓力和野火



Sea Level Rise
海平面上升



Typhoons
颶風和颱風

Risk Level 風險水平



Nil to low
沒有或低水平



Low-medium
中低風險水平



High
高風險

Climate Risks 氣候風險



Physical Risks
實體風險



Transition Risks
過渡風險

Description 描述

Increased intensity and frequency of extreme weather, as well as typhoons and sea level rises
極端天氣以及颱風和海平面上升的強度和頻率增加

Shift to a low-carbon economy, which may involve policy, legal, technological and market changes in response to climate change mitigation and adaptation requirements
轉向低碳經濟，這可能涉及政策、法律、技術和市場變化，以應對氣候變化的減緩和適應要求

OUR APPROACH TO SUSTAINABILITY

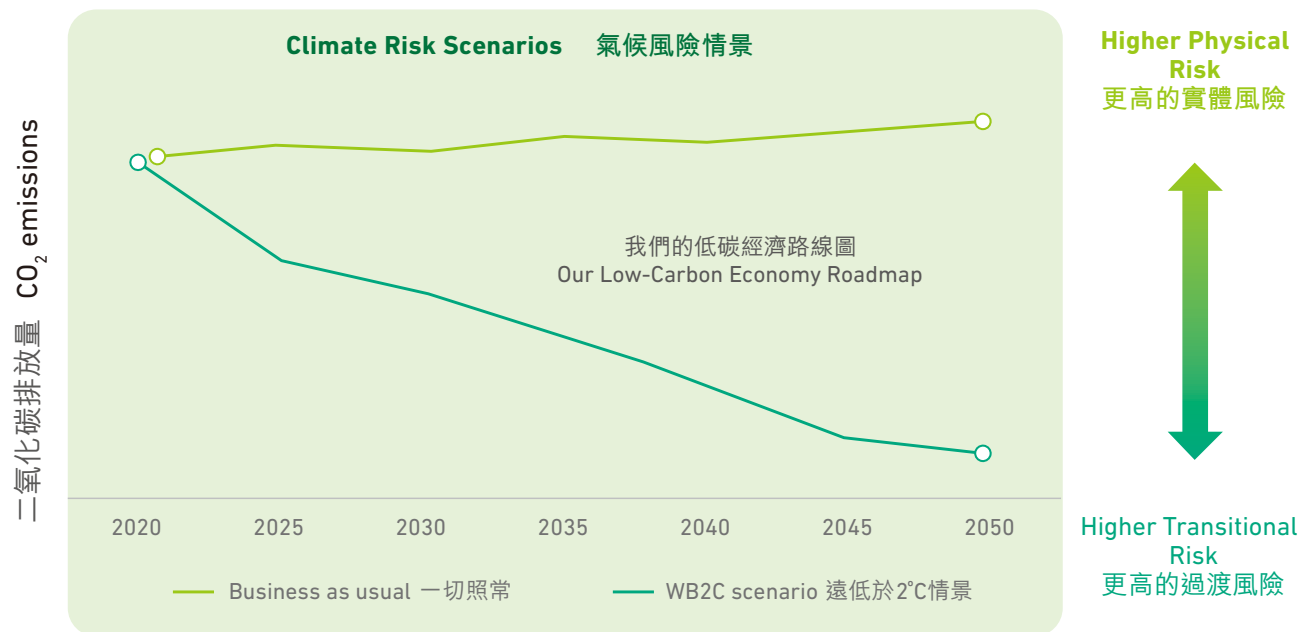
我們的可持續發展方針

Climate-Related Transitional Risks

To steer towards a low carbon economy and future, AEC has committed to Science Based Target initiative ("SBTi") in alignment with Business Ambition for 1.5°C scenarios. In this scenario, we assume a rise in climate policy ambition and coordinate to limit global warming to well below 1.5°C. The Government and investors are focusing more on "Sustainable Investing" and customers are increasingly climate-conscious. Taking carbon reduction even further, we are also stepping up our commitment and pledged to the Business Ambition for 1.5°C and Towards Zero Carbon campaigns, with our commitment to a zero-carbon future.

氣候相關過渡風險

為了邁向低碳經濟和未來，沛然環保已承諾科學基礎目標倡議（「SBTi」）與商業雄心助力1.5°C限溫目標保持一致。在這個情景下，我們假設氣候政策雄心壯志，並協調將全球變暖限制在遠低於1.5°C的範圍內。政府和投資者更加關注「可持續投資」，客戶也越來越關注氣候。在進一步減少碳排放的同時，我們也正在加強我們的承諾，並承諾對1.5°C和邁向零碳運動的商業抱負，以及我們對零碳未來的承諾。



OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Climate-related Opportunities

In addition to our internal commitments, we foresee an increase in the market demands for green building and ESG-related businesses. The Hong Kong Government has announced Hong Kong's Climate Action Plan 2050, which covered net-zero electricity generation, energy-saving and green buildings, green transport and waste reduction. It also offers transitional opportunities to AEC's business. As climate change risks increase in real estate and other industries, the market preferences are to gravitate towards more sustainable buildings and more robust ESG strategy formulation. We are expanding our consultancy services in green finance, where more capital will be available to fund climate-related projects. Moreover, climate-related opportunities also include an increase of resource efficiency, for instance, increasing the energy utilization efficiency can reduce operating costs. We have purchased Renewable Energy Certificates ("RECs"), and the use of lower-emission sources of energy can reduce exposure to future fossil price increases.

氣候相關機會

除了我們的內部承諾，我們預計綠色建築和ESG相關業務的市場將會擴展。香港政府已公佈《香港氣候行動藍圖2050》，涵蓋淨零發電、節能綠建、綠色運輸和全民減廢。它還為沛然環保的業務提供了過渡機會。隨著房地產和其他行業的氣候變化風險增加，市場偏好傾向於更可持續的建築和更穩健的ESG戰略制定。我們正在擴大綠色金融領域的諮詢服務，將有更多資金用於資助氣候相關項目。此外，氣候相關機會還包括了資源效率提升，例如增加能源使用效率能降低營運成本。我們購買了可再生能源證書，使用低碳能源能使我們降低暴露在未來化石燃料價格上升的風險。

CLIMATE TRANSITION OPPORTUNITIES AND SOLUTION BY AEC

沛然環保氣候和自然轉型的機遇和解決方案

Transition risks faced by most enterprises 大多數企業面臨的轉型風險

- Carbon emission management and carbon pricing policies are becoming more stringent
碳排放管理和碳定價政策日趨嚴格
- Carbon emission restrictions are more common, and multiple energy efficiency standards are being developed and released
碳排放限制更加普遍，多項能效標準正在制定和發佈
- Market demand for sustainably certified properties has shown significant growth in a highly competitive environment
在競爭激烈的市場環境下，市場對具備可持續認證物業的需求呈現顯著增長態勢
- The infrastructure sector needs to accelerate its transformation and upgrading towards renewable energy, intelligence, and environmental protection
基礎設施部門需要加快向可再生能源、智能化和環境保護轉型升級
- ESG information disclosure is increasingly receiving attention from stakeholders such as regulators, investors, users, peers, and supply chains
ESG信息披露越來越受到監管機構、投資者、用戶、同行和供應鏈等利益相關者的關注
- Environmental policies and technologies are increasingly updated
環境政策和科技日益更新
 - Lack of lifecycle assessment (LCA) capabilities hinders low-carbon product development
缺乏生命週期評估(LCA)能力阻礙低碳產品開發
 - Industrial parks face mounting pressure to achieve net-zero transformation
工業園區實現淨零轉型的壓力日益加劇
- Market places greater emphasis on acoustic, audio-visual, and lighting management issues in buildings
市場更加重視建築物的聲學、視聽和照明管理問題
- The increasingly severe financial risks brought about by price fluctuations in the carbon emissions trading market
碳排放交易市場價格波動帶來的日益嚴重的財務風險
- Green loans, green bonds, and other green financial products are becoming increasingly diversified
綠色貸款、綠色債券和其他綠色金融產品更加多樣化
- Rapid iteration of intelligent and environmentally friendly technological means
智慧環保技術手段快速更迭

Our Services 我們的服務

- Carbon Emission Trading & Carbon Audit Solution
碳排放交易與碳稽核解決方案
- Climate Risk Management
氣候風險管理
- Green & Wellness Building Certification
綠色健康建築認證
- Sustainable Infrastructure
可持續基礎設施
- ESG Reporting & Advisory (including Sustainable Procurement Framework Design)
ESG報告與諮詢(包括可持續發展採購架構設計)
- Environmental Consultancy & Sustainable Design
環境諮詢與可持續設計
 - Lifecycle Assessment (LCA)
生命週期評估(LCA)
 - Net Zero Industrial Park Planning
淨零工業園區規劃
- Acoustics, Audio-visual, Lighting, & Theatre Planning
設計聲學、視聽、照明和舞臺設計
- Carbon Emission Trading & Carbon Audit
碳排放交易與碳稽核
- Green Finance
綠色金融
- Smart Cities & Green Tech Solutions
智慧城市與綠色科技解決方案

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Risk Management

The Finance Department is responsible for the management and assessment of the Group's financial risks. Based on the financial data, the SWG further analyzes to identify climate-related risks and opportunities and reports to the ESG Committee and the Board.

風險管理

財務部負責本集團財務風險的管理及評估。基於這些財務數據，SWG進一步分析風險以識別與氣候相關的風險和機遇，並匯報ESG委員會和董事會。

Climate-related Risks and Opportunities 氣候相關風險和機遇		Potential Impact 潛在影響	Our Climate Strategy 我們的氣候策略
Physical Risks 實體風險	Increase of frequency and severity of extreme weather 極端天氣的頻率和嚴重程度增加	Increased operation cost from increased health and safety insurance premiums 健康和安全保險費增加導致運營成本增加	Adopt enhanced policies to ensure a safe workplace for all our employees, including business continuity plans 採取強化政策，確保我們所有員工的工作場所安全，包括業務連續性計劃
		Increase physical impact on existing building and infrastructures 增加對現有建築和基礎設施的實體影響	Expand our sustainability consultancy services to tackle the impact from physical climate risks on buildings and organizations. For example, our consultancy services assist clients in addressing climate-resilient design. Sponge-city design ensures buildings are flood-resilient, while microclimate studies ensure the thermal comfort of outdoor areas to bolster heat stress resilience 擴展我們的可持續諮詢，以應對實體氣候風險對建築物和公司的影響。例如，我們的諮詢服務可幫助客戶解決氣候適應性設計問題。海綿城市設計確保建築物具有抗洪能力，而微氣候研究確保室外區域的熱舒適性以增強熱應力恢復能力
	Sea level rise 海平面上升	More vulnerable to storm surges and coastal flooding, as our office is located near the harbor 位於海邊附近的辦公室更容易受到風暴潮和沿海洪水的影響	Adopt enhanced policies to ensure a safe workplace for all our employees, including business continuity plans 採取強化政策，確保我們所有員工的工作場所安全，包括業務連續性計劃

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Climate-related Risks and Opportunities 氣候相關風險和機遇	Potential Impact 潛在影響	Our Climate Strategy 我們的氣候策略
Transition Risks 過渡風險	Policy and legal risks 政策和法律風險 2024 – Mandatory regulation of municipal solid waste (MSW) charging 二零二四年城市固體廢物 (MSW)收費的強制性規定 2025 – Mandatory TCFD-aligned climate-related disclosures by the Stock Exchange¹ 二零二五年聯交所強制性披露與TCFD的氣候相關披露一致¹	Enhance our waste management and reduce diversion from landfill in our environmental policy 在我們的環境政策中加強我們的廢物管理並減少棄置廢物到堆填區 Expand our sustainability consultancy services to tackle the impact from climate change on buildings, infrastructures and organizations 擴展我們的可持續諮詢，以應對氣候變化對建築物、基礎設施和組織的影響
Technology risk 技術風險	Transition to low emissions technology 向低碳技術過渡	Keep abreast of the latest sustainable technological applications and innovative construction methods such as Air Improvement Photovoltaic (AIPV), Modular Integrated Construction (MiC) and introduce to our clients when considered to be an effective solution 定時了解最新的可持續技術應用和創新施工方法，例如空氣淨化太陽能(AIPV)、組裝合成建築法(MiC)，並為我們的客戶提供有效的解決方案
Market risk 市場風險	Increased market demand for climate-resilient and green building design 市場對氣候適應性和綠色建築設計的需求增加 Increased investor demands for green and low-carbon financing and investment 投資者對綠色低碳投融资需求增加	Increase opportunities and revenue from green building and ESG business 增加綠色建築和ESG業務的機會和收入 Attract green investment and provide green finance consultancy services 吸引綠色投資，提供綠色金融諮詢服務
Reputation risk 聲譽風險	Increased risk of greenwashing 漂綠風險增加	Enhance credible third-party certification and sustainability benchmarking 加強可信的第三方認證和可持續性基準測試

¹ New Climate Requirements aligns more closely with IFRS S2, to be effective from 2025 reporting year in phases.

¹ 新氣候要求與《國際財務報告準則》S2更為一致，將從2025報告年度起分階段生效。

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Metrics and Targets

The table below presents key metrics related to the impact of GHG emissions, energy, green building projects and ESG projects on the financial aspects of the Company related to revenue and expenditure.

指標和目標

下表列出了與溫室氣體排放、能源、綠色建築項目和ESG項目對與收入和支出相關的財務方面的影響相關的關鍵指標。

Financial Category 財務類別	Climate-related Category 氣候相關類別	Metric 指標	Unit of Measure 單位	2024/25	2023/24
Revenue 收入	Risk Adaptation & Mitigation 風險應對與緩解	Percentage of Revenue From Green Building Consultancy Projects 綠色建築顧問項目收入百分比	%	63.5	64.2
Revenue 收入	Risk Adaptation & Mitigation 風險應對與緩解	Percentage of Revenue From ESG Reporting and Consultancy Projects ESG報告與顧問項目收入百分比	%	11.8	7.5
Expenditure 支出	Energy/Fuel 能源／燃料	Total Energy Consumption 總耗電量	kWh 千瓦時	152,448	165,025
Expenditure 支出	GHG Emissions 溫室氣體排放	Total GHG Emissions (scope 1, 2, 3) 總溫室氣體排放量（範圍1, 2, 3）	Tonnes of CO ₂ e ("tCO ₂ e") 噸二氧化碳當量	116.27	109.39
Expenditure 支出	GHG Emissions 溫室氣體排放	GHG Emission Intensity 溫室氣體排放密度	tCO ₂ e/Employee 噸二氧化碳當量／員工	1.51	1.30

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Natural-related Risk and Impact Management

Locate

In this phase, we systematically conducted geospatial mapping of operational sites to identify priority areas for potential material nature-related risks and opportunities by analyzing the interaction mechanisms between our business footprint and natural ecosystems. Leveraging on the World Wide Fund for Nature (“WWF”) Biodiversity Risk Assessment Tool, we performed a dedicated spatial analysis of our Hong Kong office locations to scientifically evaluate their proximity to internationally recognized Key Biodiversity Areas (“KBAs”). The assessment results confirm that these areas fall outside the distribution ranges of primary ecological zones and terrestrial biomes as defined by WWF.

Evaluate

Conducting natural dependency and impact assessments for the consulting service supply chain, analyzing the interaction mechanisms between each supply chain link and natural ecosystems, and determining key focus areas and improvement directions. Following TNFD guiding principles and using ENCORE tool data for analysis, systematically identifying themes of natural dependency and impact in the process of knowledge service delivery within the supply chain.

自然相關風險和影響管理

定位

在此階段，我們系統開展營運場所地理空間識別，通過剖析業務版圖與自然環境的交互機制，識別潛在自然相關風險與機遇的優先區域。具體採用世界自然基金會(WWF)生物多樣性風險評估工具，針對香港辦公區域開展專項分析，科學評估公司與重要生物多樣性區域的關聯性。評估結果顯示，該區域並未處於WWF界定的主要生態區及陸地生物群落分佈範圍內。

評估

針對諮詢服務供應鏈開展自然依賴性與影響評估，剖析供應鏈各環節與自然生態系統的交互機制，並確定重點關注領域及改進方向。遵循TNFD指導原則，採用ENCORE工具數據進行分析，系統識別供應鏈在知識服務輸出過程中對自然的依賴與影響主題。

OUR APPROACH TO SUSTAINABILITY

我們的可持續發展方針

Natural-related dependency analysis 自然相關的依賴關係分析：

Flood mitigation
防止洪水



Very low
非常低

Global climate regulation
全球氣候調節



Very low
非常低

Rainfall pattern regulation
降雨模式調節



Very low
非常低

Soil and sediment retention
土壤和沉積物保留



Very low
非常低

Water flow regulation
水流量維護



Very low
非常低

Water supply
供水



Very low
非常低

Storm mitigation
風暴緩解措施



Very low
非常低

Local climate regulation
本地氣候調節



Low
低

Natural-related impact analysis 自然相關影響分析：

Emissions of GHG
溫室氣體排放



Very low
非常低

Emissions of non-GHG air pollutants
非溫室氣體排放
空氣污染物



Very low
非常低

Disturbances (e.g noise, light)
干擾（例如噪音、光線）



Low
低

Generation and release of solid waste
固體廢物與排放



Low
低

Volume of water use
用水



Low
低

Area of land use
土地用途



Medium
中

Given that the assessed nature-related risks and impacts are deemed immaterial, related disclosures for risk and opportunity management are omitted for the Year. As our assessment methodologies advance and climate conditions dynamically evolve, we will selectively disclose material risks and opportunities through ongoing reviews.

基於評估顯示自然相關風險與影響均屬非重大，本年度風險與機遇管理之相關資訊暫不予披露。隨著評估方法學持續精進及氣候動態變化，我們將透過持續審閱選擇性披露具重大性的風險與機遇。

OUR COMMITMENTS TO SUSTAINABILITY

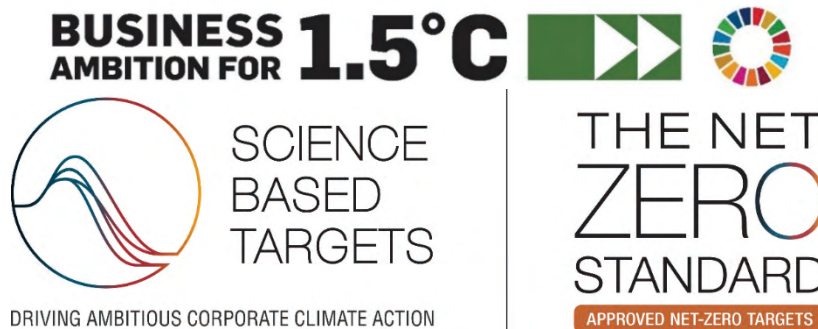
我們對可持續發展的承諾

Our Science-based Targets and Participation in Race to Zero

The Group recognizes the severe impact of climate change and understands that humanity is facing an unprecedented crisis. As such, AEC strives to lead as a role model and has set decarbonization targets validated by the SBTi. During the Year, AEC has updated its near-term target to align with the Business Ambition for 1.5°C scenarios, in which AEC is committed to reducing scope 1 and scope 2 GHG emissions by 42% compared to the base year (2023) by no later than 2030 and to measure and reduce its scope 3 emissions. Moreover, AEC has also set its net-zero target validated by SBTi, in which AEC is committed to reducing scope 1, 2, and 3 emissions by 90% by no later than 2044 as compared to the base year (2023). Meanwhile, to better demonstrate the Group's decarbonization ambition, it commits to achieve carbon neutrality within its own operations and along the value chain by 2030.

我們的科學基礎目標和參與「奔向零碳」

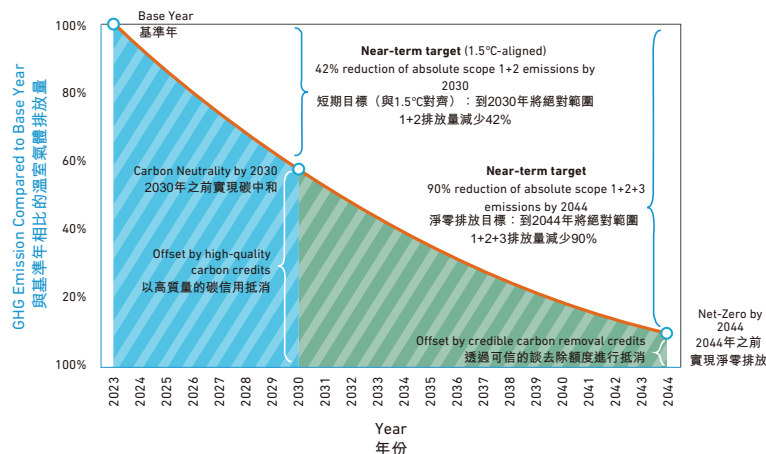
本集團意識到氣候變化的嚴重影響，並理解人類正面臨前所未有的危機。因此，沛然環保努力以身作則，並制定了經過科學基礎目標倡議組織(SBTi)驗證的減排目標。本年度，沛然環保更新其商業雄心助力1.5°C限溫目標，與基準年(二零二三年)相比，不遲於二零三零年將範圍1和範圍2溫室氣體排放量減少42%，並測量和減少其範圍3排放量。此外，沛然環保也設立了經SBTi驗證的淨零目標，承諾與基準年(二零二三年)相比，不遲於二零四四年將範圍1、2及3溫室氣體排放量減少90%。同時，為更好展現本集團的減碳決心，本集團承諾於二零三零年前實現自身營運及價值鏈碳中和。



Beyond the current science-based target, the Group is also a part of the UN-backed Race to Zero campaign. The campaign aims to halve global emissions by 2030 and achieve net-zero carbon emissions by 2050 at the latest.

除了目前的科學基礎目標之外，本集團也是聯合國支持的奔向零碳運動的成員之一。該運動旨在到二零三零年將全球碳排放量減半，最遲到二零五零年實現淨零排放。

AEC's SBTi Roadmap 沛然環保的SBTi路線圖



OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

In order to work towards a zero-carbon future, AEC has formulated a net-zero roadmap to transit to a low carbon economy and living and progressively realize the Company's zero carbon strategic ambition. The details of roadmap are as follows:

為了實現零碳未來，沛然環保制定了向低碳經濟和生活過渡的淨零路線圖，逐步實現集團的零碳戰略目標。詳細信息如下所示：

Reduction of GHGs

減少溫室氣體排放

Scope 1:

範圍1：

- Convert face to face meetings to online virtual meetings as far as is possible
將面對面會議轉為網上會議
- Purchase an electric car for company business use
購置電動車作為公司商務用車

Scope 2:

範圍2：

- Smart lighting
智能照明
- Room temperature control
室溫控制
- Enhance energy efficiency
提高能源效益

Scope 3:

範圍3：

- Smart water tap
智能水龍頭
- Dual water flushing
雙鈕式沖水
- Waste recycle
廢物回收
- EPD waste recycling scheme
環保署廢物回收計劃
- Sub-procurement
採購
- Waste measure
廢棄物統計
- Reverse vending machine
智能回收機
- Carbon Neutral Carpet
碳中和地毯
- Coffee ground recycling
咖啡渣回收

RECs

可再生能源證書

Scope 2:

範圍2：

- Purchase RECs from local electric companies
從本地電力公司購買可再生能源證書
- Purchase reputable I-RECs
購買認受性高的國際可再生能源證書

Offsetting Any Remaining GHG Emissions

抵銷任何剩餘的溫室氣體排放

Scope 1, 2 and 3:

範圍1、2和3：

- Purchase carbon offset credits
購買碳抵銷信用

OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

Commitment to Carbon Neutrality with WorldGBC and GBACNA

To achieve carbon neutrality targets established in the Mainland China and Hong Kong, AEC is proud to join ranks of WorldGBC Asia Pacific Net Zero Collaborators and be the founding member of GBACNA, which strengthens international exchanges and collaborations, seeks for the optimal governance towards climate change and works together to protect the earth.

As one of the WorldGBC Asia Pacific Net Zero Collaborators, AEC is collaborating closely with WorldGBC in the Asia Pacific region to increase confidence and motivation to achieve a net-zero built environment. It represents perspectives from diverse sections of the buildings value chain, providing further insights, as well as resourcing the roll out of WorldGBC's Advancing Net Zero program, a global project working towards all sector decarbonization by 2050, in the Asia Pacific region.

Carbon neutrality is the only option to promote the systematic change of economy and society in line with the trend of global ecological management change. The missions and objectives of GBACNA are to facilitate the country's dual carbon reduction targets under climate change and meet international commitments, promote green carbon neutrality and industry transformation in the Greater Bay Area, utilize the expertise of the Greater Bay Area to foster the growth of green technology, as well as developing green finance and carbon trading market in the Greater Bay Area, etc. As a member of the WorldGBC Asia Pacific Net Zero Collaborators and a founding member of the GBACNA, AEC will continue to assist and play a key part in promoting carbon neutrality of the Greater Bay Area.

承諾與世界綠色建築委員會和大灣區碳中和協會一同實現碳中和

為實現中國大陸和香港所設立的碳中和目標，沛然環保很榮幸能列入世界綠色建築委員會亞太地區淨零合作夥伴之一，並成為大灣區碳中和協會的創始成員，以加強國際間的交流與協作，並尋求最佳管理氣候變化的方法，以共同保護地球。

作為世界綠色建築委員會亞太地區的淨零合作夥伴之一，沛然環保與亞太地區的世界綠色建築委員會緊密合作，以加強實現在建築行業碳淨零的決心和行動力。沛然環保代表建築價值鏈不同界別的觀點，提供進一步的見解，並為世界綠色建築委員會致力於二零五零年前在亞太地區實現整體行業脫碳的全球項目淨零計劃之推進提供資源。

碳中和是應對全球生態管理變化的趨勢下，推動經濟社會系統性變革的唯一選擇。為此，大灣區碳中和協會的使命和目標是促進國家在氣候變化下的雙重碳減排目標、履行國際間的承諾、促進大灣區的綠色碳中和及產業轉型、利用大灣區的專業知識促進綠色科技的發展、以及發展綠色金融和大灣區碳交易市場等。作為世界綠色建築委員會亞太地區淨零合作組織的一員和大灣區碳中和協會的創始成員，沛然環保將繼續努力，加速實現大灣區碳中和。

OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

Commitment to Wellness

One of our most important goals is to maintain a safe and harmonious working environment for our employees. We continuously enhance health and safety measures in our workplace. We monitor our office's indoor air and water quality strictly by conducting air quality and water quality assessment on a regular basis to ensure that the indoor data meets the standards. Besides physical wellness, we are expanding our attention to mental wellness and have participated in the Mental Health Workplace Charter initiated by the Advisory Committee on Mental Health.

Waste Management

To actively implement environmental protection goals, we strategically place recycling bins to guide employees in responsible waste disposal. Simultaneously, we utilize the real-time monitoring function of waste scales to accurately track waste generation, establishing a closed-loop management system of "behavior guidance – data tracking – goal optimization" to ensure the scientific rigor and enforceability of our waste reduction targets.

我們對健康的承諾

我們最重要的目標之一是為我們的員工維護一個安全和諧的工作環境。我們不斷加強我們的工作場所健康和安全措施。我們嚴格監控辦公室的室內空氣和水質，定期進行空氣質量和水質評估，確保室內數據達標。除了身體健康，我們也在擴大對心理健康的關注，並已參與由心理健康諮詢委員會發起的《精神健康職場約章》。

廢物管理

為積極落實環境保護目標，我們通過策略性設置回收桶引導員工踐行責任廢物處置，同時藉由廢物稱重秤的實時監測功能精準追蹤廢物產生量，形成「行為引導 — 數據跟蹤 — 目標優化」的閉環管理體系，確保廢物減量目標的科學性與可執行性。

OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

Progress Report against UNGC 10 Principles

AEC is a signatory to the UNGC which outlines 10 Principles for responsible business activities that endeavor to do no harm and advance positive impacts on our environment and society. The following is our progress in advancing the 10 Principles during the Year.

聯合國全球契約十項原則進度報告

沛然環保是UNGC的簽署方，該契約概述了作為負責任的商業活動的十項原則，這些活動致力於不傷害並促進為我們的環境和社會帶來積極正面影響。以下是我們於本年度推進十項原則的進展。

Principle 原則	AEC's Approach 沛然環保的方法	Sections 章節
Human rights 人權		
1. Businesses should support and respect the protection of internationally proclaimed human rights 企業應該尊重和維護國際公認的各項人權	AEC values human rights and creates a healthy and safe working environment for our staff. Our office has installed air purifiers to improve indoor air quality (IAQ). Regarding the acoustics comfort, acoustic foam was installed on the ceiling to reduce the noise from the surroundings, which provides a comfortable and quiet environment for our employees. 沛然環保重視人權，為我們的員工創造一個健康安全的工作環境。我們的辦公室內安裝了空氣淨化器並改善了室內空氣質量。在聲學舒適度方面，我們在天花板上安裝了吸音棉，以減少周圍的噪音，為我們的員工提供舒適安靜的環境。	Our Commitment to Wellness 我們對健康的承諾
2. Businesses should make sure that they are not complicit in human rights abuses 企業決不參與任何漠視與踐踏人權的行為	Besides, AEC focuses on staff's mental health. A human resources advisor who provides counseling services is available. We also promise to protect employees' privacy and ensure proper handling and management of confidential personal information. 此外，沛然環保關注員工的心理健康。人力資源顧問提供心理諮詢服務。我們還承諾保護員工的隱私，並確保妥善處理和管理機密的個人信息。	Innovation Drives Team Vitality 創新賦能團隊力

OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

Principle 原則	AEC's Approach 沛然環保的方法	Sections 章節
Labor 勞工標準		
3. Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining 企業應該維護結社自由，承認勞資集體談判的權利	A range of recruitment standards and policy are stipulated. To prevent child labor, forced labor and any forms of illegal labor, the validity of identity documentation, age and working permit of the candidates are verified by administrative/human resources department. 沛然環保規定了一系列招聘標準和政策。為防止童工、強迫勞動和任何形式的非法勞工，申請人的身份證件、年齡和工作許可證的有效性由行政／人力資源部門核實。	Boosting Diversity, Equality and Inclusion 推動多元化、平等及共融
4. Elimination of all forms of forced and compulsory labor 該消除各種形式的強迫性勞動	We endeavor to respect the uniqueness of our staff and create an inclusive and diverse working environment, upholding the principles of equal opportunities regardless of race, ethnic background, sexual orientation, and gender. We organize team building activities regularly to cultivate a harmonious working culture among the company. 我們努力尊重員工的獨特性，並創造一個包容和多元化的工作環境，不分種族、民族背景、性取向和性別，給予平等機會。我們定期組織團隊建設活動，在公司內部營造和諧的工作文化。	Safeguarding Workforce's Wellness 保障員工健康
5. Effective avoidance of child labor 有效禁止童工制度		
6. Elimination of discrimination in respect of employment and occupation 消除就業和職業方面的歧視	We cherish our staff's opinions. Therefore, we conduct an open and transparent dialog with our colleagues annually. Through conducting surveys, we can obtain our employees' feedback on various aspects, including compensation package, workplace, staff benefits, corporate image, training and development and team building. This "bottom-up" approach allows AEC to receive opinions from the employees and address their needs. 我們珍惜員工的意見。因此，我們每年都會與同事進行公開透明的對話。通過調查，我們可以獲得員工對薪酬方案、工作場所、福利、企業形象、培訓和發展以及團隊建設等不同方面的反饋。這種「由下而上」的方法使沛然環保能夠接收員工的意見並滿足他們的需求。 In addition, to facilitate communication between staff and exchange of ideas among departments and senior management, staff meetings are conducted on a regular basis. AEC also provides feedback to our staff members annually. This two-way communication allows employees and their seniors to discuss and improve performance. 此外，為了與員工溝通，部門和高層管理人員之間交換意見，我們定期召開員工會議。沛然環保還每年向我們的員工提供反饋。這種雙向溝通允許員工和他們的上級討論和提高績效。	

OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

Principle 原則	AEC's Approach 沛然環保的方法	Sections 章節
Environment 環境		
7. Businesses should support a precautionary approach to environmental challenges 企業應支持對環境挑戰未雨綢繆。	AEC adopts a precautionary approach to climate action. Climate projections encompass a level of uncertainty. However it has not deterred AEC from driving proactive climate action given the potential climate impacts of catastrophic scale. As such, AEC has pledged to the SBTi, the worldwide initiative that supports business companies to minimize their GHG emission with a global temperature alignment for a goal to reduce its scope 1 and 2 emission before 2030 by 42%. In addition, AEC has cooperated with the WorldGBC to offer net-zero solutions in the property development and management sectors. Since AEC is one of the members agreeing to attain net-zero emission by 2030, a net-zero roadmap navigating to the target was initiated. 沛然環保對氣候行動採取預防措施。氣候預測包含一定程度的不確定性，但考慮到災難性規模的潛在氣候影響，它並沒有阻止我們積極推動的氣候行動。因此，沛然環保已向科學基礎倡議組織作出承諾，這是一項全球倡議，商業公司支持通過全球溫度調整來最大限度地減少溫室氣體排放，以實現在二零三零年之前將其範圍1和範圍2排放量減少42%的目標。此外，沛然環保與世界綠色建築委員會合作，在房地產開發和管理領域提供淨零解決方案。由於沛然環保是承諾到二零三零年實現淨零排放的成員之一，因此制定了目標的淨零排放路線圖。	Our Commitments to Sustainability 我們對可持續發展的承諾
8. Undertake initiatives to promote greater environmental responsibility 主動增加對環保所承擔的責任		Accelerating Decarbonization 促進減碳
9. Encourage the development and promotion of environmentally friendly technologies 鼓勵開發和推廣環境友好型技術	Enhancing energy efficiency is one of the fundamental steps to achieve the target. As we are aware that using resources efficiently can reduce the environmental impacts, expand the resilience on business continuity and minimize our operation cost, we keep monitoring and managing our energy usage pattern with smart devices. 加強能源效率是實現目標的基本步驟之一。我們深感了解到有效利用資源可以減少對環境的影響，擴大業務連續性的彈性並最大限度地降低我們的運營成本，我們通過智能設備持續監控和管理營運上的能源使用模式。 Our core business is to provide environmental solutions to our clients. We motivate our clients to take up more environmental responsibility in their building projects. For example, selecting sustainable building materials and installing high efficiency facilities. Also, to extend the environmental responsibility to our business value and community, we share sustainability ideas among our suppliers and the public by organizing career talks, symposiums, webinars and other community participation activities. 我們的核心業務是為客戶提供環境解決方案。我們鼓勵客戶在他們的建築項目中承擔更多的環境責任。例如，選擇可持續建築材料和安裝高效設施。此外，為了將環境責任延伸到我們的商業價值和社區，我們通過組織職業講座、研討會、網絡研討會和其他社區參與活動，在供應商和公眾之間分享可持續發展理念。	Partnerships Towards Net-Zero 邁向淨零的夥伴關係

OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

Principle 原則	AEC's Approach 沛然環保的方法	Sections 章節
Anti-corruption 反貪污		
10. Businesses should work against corruption in all its forms, including extortion and bribery 企業應反對各種形式的貪污，包括敲詐勒索和行賄受賄	AEC prohibits any form of corruption and bribery. Our staff received a staff handbook that includes the section of Code of Conduct. The staff is informed that soliciting or accepting any advantage in connection with his/her work without consent from AEC is strictly prohibited. In order to allow our employees to report any misconduct and malpractice anonymously to the administrative/human resources department, whistleblowing mechanisms have been established. The legal department shall then conduct investigation promptly. Regarding anti-corruption and bribery, no major non-compliance with the laws and regulations nor whistleblowing incidents were reported during the Year. 沛然環保禁止任何形式的貪污和賄賂。我們的員工收到了包含行為準則的員工手冊。沛然環保嚴禁員工在未經公司許可的情況下索取或接受與其工作有關的任何利益。為了讓員工能夠匿名向行政／人力資源部門舉報任何不當行為和瀆職行為，我們建立了舉報機制。法務部門應及時進行調查。在反貪污賄賂方面，本年度未發生重大違法違規和舉報事件。	Corporate Governance 企業管治

OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

Advancing Environmental Professionalism – AEC Group's Commitment to ESG Leadership – HKIQEP

Ms. Kwok May Han Grace, Chairman and Executive Director of AEC Group, exemplifies the Company's dedication to environmental stewardship and professional excellence through her role as Honorary Treasurer and founding member of the Hong Kong Institute of Qualified Environmental Professionals (HKIQEP). The enactment of the HKIQEP Ordinance on 8 November 2024 marked a pivotal milestone in Hong Kong's sustainability journey, establishing a statutory framework to recognize environmental professionals. This initiative, championed by HKIQEP with cross-sector support, addresses a critical gap by providing a formal pathway for aspiring environmental practitioners to attain accredited qualifications – strengthening the scientific rigor and credibility of the profession.

AEC Group's involvement underscores its commitment to embedding ESG principles into industry practices. By supporting HKIQEP's mission to elevate professional standards, AEC advocates science-based environmental governance, equipping talents to tackle challenges such as climate change and resource scarcity. This case reflects AEC's broader vision: fostering collaboration between policymakers, businesses, and experts to drive scalable solutions – from carbon reduction strategies to green finance – while aligning with global benchmarks such as the Paris Agreement. Through such leadership, AEC reinforces its pledge to advance sustainable development and inspire the next generation of environmental innovators.

推動環保專業化 – AEC集團對ESG領導力的承諾 – 香港合資格環保專業人員學會

AEC集團主席兼執行董事郭美珩女士作為香港合資格環保專業人員學會(HKIQEP)的榮譽司庫及創會成員，體現了集團對環境管理及專業卓越的堅定承諾。二零二四年十一月八日，《香港合資格環保專業人員學會條例》正式刊憲生效，標誌著香港環保進程的重要里程碑。該條例為環保從業者建立了法定認證框架，解決了過往專業資格認可的缺口，不僅為青年人才開拓綠色職業道路，更強化了環保工作的科學基礎與公信力。

AEC集團的參與，彰顯了其將ESG原則融入行業實踐的決心。通過支持HKIQEP提升專業標準，AEC倡導以科學為本的環境治理，培育人才應對氣候變化及資源短缺等挑戰。此案例呼應AEC的宏觀願景：促進政府、企業與專業人士的協作，推動從碳減排策略到綠色金融等可擴展方案，並對接《巴黎協定》等國際標準。藉此領導角色，AEC重申其對可持續發展的承諾，致力啟迪新一代環保創新者。



OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

ESG Certified Professional (ESGCP®) Examination

As a pioneer in the field of sustainable development, AEC has consistently adhered to continue to provide independent and professional sustainability advisory services while systematically advancing the construction and practical application of ESG knowledge systems. Committed to cultivating ESG professionals and strengthening market mechanisms, we drive collaborative efforts across sectors to build a low-carbon future through innovative solutions.

AEC has established a strategic partnership with the Hong Kong Listed Companies Association ("CHKLC") as a knowledge collaborator to co-develop the ESG Certified Professional (ESGCP®) Examination. This certification mechanism is distinguished by three core attributes. Firstly, as Hong Kong's first ESG professional assessment system deeply anchored in exchange regulations, it closely aligns with the latest regulatory requirements of the Hong Kong Exchanges and Clearing Limited ("HKEX") Environmental, Social and Governance Reporting Code, addressing critical market needs for compliance-focused talent. Secondly, the framework integrates internationally recognized standards such as the climate disclosure criteria of the International Sustainability Standards Board ("ISSB"), the Task Force on Climate-related Financial Disclosures ("TCFD") framework, and the Science-Based Targets initiative (SBTi), complemented by in-depth analysis of ESG disclosure practices from HKEX-listed companies. Thirdly, it emphasizes practical application through a multi-dimensional assessment mechanism that evaluates professionals' ability to translate regulatory requirements and global standards into actionable strategies, empowering ESG teams in Hong Kong-listed companies to enhance compliance capabilities and strategic thinking while accelerating alignment with global sustainable development trends.

To amplify the dissemination of ESG knowledge, AEC's ESG Academy launched a series of specialized training programs in FY2024 comprising 8 intensive workshops totaling 54 training hours. These sessions attracted nearly 100 professionals from diverse industries. The curriculum was structured around key themes including deconstructing key ESG concepts and topics, analyzing regulatory developments, sharing industry best practices, and exploring corporate climate risk management strategies, significantly enhancing participants' strategic decision-making and risk management competencies.

ESG認證專業人員(ESGCP®)考試

作為可持續發展領域的先驅機構，沛然環保始終秉持雙軌並進的策略：一方面持續提供獨立專業的可持續諮詢服務，另一方面系統性推進ESG知識體系的構建與應用轉化。我們致力於以培育ESG專業人才、健全市場機制，透過創新型解決方案驅動社會各界共建低碳未來。

沛然環保與香港上市公司協會(CHKLC)達成戰略協作，以知識合作夥伴身份共同開發ESG認證專業人員(ESGCP®)考試。此認證機制有三大核心特質：其一，作為香港首個深度錨定交易所規章的ESG專業評核系統，緊密對接香港交易及結算所(HKEX)最新版《環境、社會及管治報告守則》的監管要求，有效解決市場對合規性人才的需求痛點；其二，構建具國際視野的專業框架，整合國際可持續發展準則委員會(ISSB)氣候披露標準、氣候相關財務披露工作組(TCFD)框架及科學碳目標倡議(SBTi)等權威準則，並結合香港交易所上市公司ESG披露實例進行深度解析；其三，強調實務應用導向，透過多維度考核機制系統評估從業人員對監管規範與國際標準的轉化能力，助力香港上市公司ESG團隊同步提升合規水準與策略思維，加速接軌全球可持續發展進程。

為強化ESG知識傳播效能，沛然環保旗下環社治學院於本財年開展共計8場的系列專題培訓課程，總培訓時數達54小時，吸引近百名來自不同行業的專業人士參與。課程設計涵蓋ESG議題含義解構、監管政策動態解析、產業最佳實踐分享及企業氣候風險管理與策略等主題，顯著提升從業人員的戰略決策與風險管理能力。

OUR COMMITMENTS TO SUSTAINABILITY

我們對可持續發展的承諾

These efforts underscore AEC's multifaceted role in advancing the ESG ecosystem – serving not only as a key contributor to professional standard-setting but also as a catalyst for industry capacity-building. Through a dual-driven approach combining authoritative certification systems and practical training mechanisms, we continue to energize Hong Kong's ESG talent pool. By equipping enterprises to transform sustainability blueprints into impactful business practices, we collectively propel the region's transition toward a greener future.

此系列舉措體現沛然環保在ESG生態建設中的多重角色—既是專業標準制定的重要參與者，亦是產業能力建設的核心推動者。我們透過創建權威認證體系與實務培訓機制雙輪驅動，持續為香港ESG專業人才庫注入動能，助力企業將可持續發展藍圖轉化為具實質影響力的商業實踐，共同推進地區綠色轉型進程。



ACCELERATING DECARBONIZATION

促進低碳

Core values: Wellness and Environment

Expanding Sustainability Footprints

AEC has been pioneering and expanding its services in the sustainability field, actively contributing to the construction of sustainable cities and spearheading efforts towards a decarbonized world. With our headquarters based in Hong Kong, we have established a strong operational presence not only in Hong Kong itself but also across the extensive regions of the Mainland China and the Asia Pacific.

AEC promises to provide our clients with high-quality and satisfactory services and products. We uphold this commitment by rigorously overseeing the quality of our services and products in alignment with the ISO 9001:2015 QMS to ensure that our clients receive professional and reliable service throughout every phase of project planning, management, execution, and monitoring.

AEC has always been at the forefront of sustainable development, and is committed to advancing towards the latest net-zero targets. In the quest of achieving our shared goal of advancing net zero alongside with our clients, AEC strives to provide a one-stop solution-based service that covers environmental and sustainable services:

Environmental Consultancy &
Sustainable Design
環境諮詢及可持續設計



Green and Healthy
Buildings
綠色及健康建築



Green Finance Sustainability
Strategies & ESG Advisory
綠色金融、可持續發展策略及
ESG諮詢

Acoustics, Audiovisual, Lighting &
Theater Planning
聲學、視聽、照明及舞台設計



Air Quality, Smart & Green
Internet of Things (IoT)
空氣質量、智能和綠色
物聯網

核心價值觀：福祉和環境

擴展我們的可持續發展足跡

沛然環保一直在可持續發展領域開創先河，不斷擴展其服務範圍，積極促進可持續城市的建設，引導邁向一個低碳的世界。作為總部位於香港的企業，我們不僅在香港本身建立了強大的運營基礎，還在中國大陸和亞太地區的廣闊地區建立了極具影響力的業務網絡。

沛然環保承諾為我們的客戶提供高質量及令人滿意的服務和產品。我們通過嚴格監督我們的服務和產品的質量，符合ISO 9001:2015 QMS的要求，以確保我們的客戶在項目計劃、管理、執行和監控的每個階段都能收到專業可靠的服務。

沛然環保一直處於可持續發展的最前線，並且為向最新的淨零目標邁進。為了實現我們與客戶一起推進淨零排放的共同目標，沛然環保致力於提供涵蓋環保和可持續發展服務的一站式解決方案服務：

ACCELERATING DECARBONIZATION

促進低碳

Green and Healthy Buildings

The green building certification consulting services at AEC provide environmental design and one-stop certification application services to attain greater sustainability for the new and existing structures. Through leveraging our expertise in the Building Environmental Assessment Method ("BEAM Plus"), Leadership in Energy and Environmental Design ("LEED"), Building Research Establishment Environmental Assessment Method ("BREEAM"), China Green Building Label ("China GBL"), EDGE Green Building Certification ("Excellence in Design for Greater Efficiencies"), WELL Building Standard ("WELL") and Fitwel, our clients can fulfill the local and international green building standards.

Environmental Consultancy & Sustainable Design

AEC's sustainability and environmental consulting services offer architects with sustainable designs solutions for urban renewal, integrated planning and sustainable development since we emphasize on the health and well-being of those who live in and around the built environment. The sustainable solutions consist of environmental impact assessment, air quality impact assessment, air ventilation impact assessment, noise impact assessment, environmental monitoring and audit, carbon and energy audit and building environment research.

Green Finance, Sustainability Strategies & ESG Advisory

The ESG reporting and consulting services in AEC have grown consistently to assist businesses in formulating their sustainability approaches. During the Year, we continued to improve our one-step online ESG management platform – Sustainature. It simplifies ESG data processing, enable data analytics and management with the same platform and generate the HKEX and Bursa Malaysia compliant ESG reports, helping enterprises track their progress towards carbon neutrality goals and enhancing ESG performance. In line with sustainability reporting, we also offer auxiliary value-added services such as stakeholder engagement, materiality assessment, target setting, sustainability assessments such as Global Real Estate Sustainability Benchmark ("GRESB") consulting and sustainable strategy development. Our mission is to direct our clients toward a sustainable future on a solution basis that outperforms regulatory standards. In light of more stringent disclosure requirements of sustainability reporting guidelines and frameworks, we aspire to advise clients on up-to-date industrial trends and assist them in growing their capacity for long-term sustainable development.

綠色健康建築

沛然環保的綠色建築認證顧問服務提供環境設計和一站式認證申請服務，以幫助新建築和現有建築實現更高的可持續性表現。我們運用綠建環評(「BEAM Plus」)、領先能源與環境設計(「LEED」)、英國建築研究院環境評估方法(「BREEAM」)、中國綠色建築評價標識(「China GBL」)、EDGE綠色建築認證(「卓越設計，提高效率」)、健康建築標準(「WELL」)及 Fitwel 方面的專業知識，幫助不同客戶達到本地及全球綠色建築標準。

環境諮詢與可持續設計

沛然環保的可持續發展和環境諮詢服務為建築師提供城市更新、綜合規劃和可持續發展的可持續設計解決方案，因為我們重視居住在建築環境中和周圍居民的健康和福祉。可持續解決方案包括環境影響評估、空氣質量影響評估、通風影響評估、噪音影響評估、環境監測和審計、碳與能源審計和建築環境研究。

綠色金融、可持續發展策略和ESG諮詢

沛然環保持續發展ESG報告和諮詢服務，以為企業的可持續發展方法提供建議和協助。本年度內，我們持續改善我們的一站式線上ESG管理平台 – Sustainature，以平台簡化ESG數據處理程序、在同一平台上實現數據分析和管理、並生成符合聯交所和馬交所要求的ESG報告、幫助企業實現碳中和目標進度追蹤，並提高ESG績效。除了可持續發展報告，我們還提供輔助增值服務，例如持分者參與、重要性評估、目標設定、全球房地產可持續發展標準(「GRESB」)諮詢，以及可持續策略制定等可持續發展評估。我們的使命是在超越監管標準解決方案的基礎上，引領我們的客戶邁向可持續的未來。鑑於可持續發展報告指南和框架的披露要求越趨嚴格，我們有志於就最新的行業趨勢為客戶提供建議，並協助他們提高長期可持續發展能力。

ACCELERATING DECARBONIZATION

促進低碳

We are honored to be recognized with several significant accolades throughout the Year, which assure our expertise and devotion to producing high-quality ESG reports. AEC has been awarded the Best in ESG Reporting Awards (GEM), Best in ESG Awards (GEM), and ESG Report of the Year (GEM) by the BDO Limited, which acknowledged the outstanding performance of AEC's 2021/22 ESG report. These accomplishments epitomize our leadership position in both Hong Kong's and Mainland China's green building consulting industry.

In addition to ESG reporting and consulting services, responsible investment is also one of the core business segments of AEC. When providing professional consulting, we comprehensively assess the impact of ESG factors on long-term investment returns and optimize investment strategies for clients based on sustainability principles. At the same time, AEC is committed to making responsible investments in key sustainable development areas such as climate adaptation and resource circulation, and has strategically invested in climate risk management-related projects in recent years.

Acoustics, Audiovisual, Lighting & Theater Planning

AEC provides professional acoustic, audio-visual, lighting, and stage design consulting services to assist engineers and architects in systematically evaluating the environmental performance of various building materials and products, ensuring that acoustic and lighting environments meet comfort standards. The services cover multiple technical areas, including architectural acoustics optimization, building structure acoustic analysis, public address system design, indoor and outdoor building lighting system planning, exterior wall lighting energy efficiency optimization, mechanical equipment and aerodynamic noise control solutions, as well as professional stage design and integration of stage mechanical equipment systems. Through cross-disciplinary technical integration, the Group helps clients proactively incorporate sustainable design concepts at the project planning stage, enhancing spatial environmental quality while supporting the achievement of green building certification goals (such as LEED and BEAM), and promoting the transformation of the construction industry toward a low-carbon, high-comfort sustainable development model.

Air Quality, Smart & Green IoT

In addition to our core services, AEC also provides a number of enhancement services for our clients to further their sustainable development aspirations. To enhance properties' overall indoor environmental quality, AEC has been providing real-time air quality monitoring solutions to our clients, to aid them to monitor and improve indoor IAQ of their properties. Moreover, to improve clients' environmental data management capabilities, AEC has also been providing our clients with IoT solutions, enabling real-time management of energy, IAQ, water, and waste across locations, facilitating trend analysis for predictive maintenance and carbon reduction optimization, and supporting integration with third-party platforms like weather data, BMS, and remote control automation.

我們很榮幸能夠在本年度獲得多項重大榮譽，這肯定了我們在撰寫高質量ESG報告上的專業性和貢獻。沛然環保榮獲香港立信德豪會計師事務所有限公司所頒授的最佳ESG報告大獎(GEM)，和最佳ESG大獎(GEM)和ESG年度大獎(GEM)，以表彰沛然環保於二零二一／二二年度ESG報告中的出色表現。這些成就亦體現了我們在香港和中國大陸綠色建築諮詢行業中的領導地位。

除了ESG報告與諮詢服務，責任投資亦是沛然環保的核心業務板塊之一。我們在提供專業諮詢時，會綜合評估ESG因素對長期投資回報的影響，並基於可持續性原則為客戶優化投資策略。與此同時，沛然環保致力於對氣候適應、資源循環等可持續發展關鍵領域開展責任投資，近年來已戰略性布局氣候風險管理相關項目。

聲學、視聽、照明及舞台設計

沛然環保提供專業聲學、視聽、照明及舞台設計諮詢服務，協助工程師與建築師系統評估各類建築材料及產品的環境性能，確保聲學與照明環境達到舒適標準。服務涵蓋建築聲學優化、樓宇結構聲學分析、擴聲系統與公共廣播系統設計、建築室內外照明系統規劃、外牆照明能效優化、機械設備與空氣動力噪聲控制方案，以及專業舞台設計與舞台機械設備系統整合等多個技術領域。通過跨領域技術整合，集團幫助客戶在項目規劃階段前瞻性融入可持續設計理念，提升空間環境品質的同時助力達成綠色建築認證目標(如LEED、BEAM等)，推動建築行業向低能耗、高舒適度的可持續發展模式轉型。

空氣質量、智能和綠色物聯網

除了我們的核心服務外，沛然環保還為我們的客戶提供多項提升服務，以進一步實現他們的可持續發展願景。為了提高物業的整體室內環境質素，沛然環保一直在向我們的客戶提供實時空氣質量監測解決方案，以幫助他們監測和改善其物業的室內空氣質量。此外，為提升客戶環境數據管理能力，AEC持續為客戶提供物聯網解決方案，實現跨區域能源、室內空氣品質、水資源及廢棄物的即時監控，支援預測性維護與碳減排優化的趨勢分析，並可整合第三方平台如氣象數據、樓宇管理系統(BMS)、遠端控制及自動化系統。

ACCELERATING DECARBONIZATION

促進低碳



01 Case Study 個案分析

AEC Leads International Commerce Centre (ICC) to Achieve The First Building in Asia to be Certified by the U.S. Green Building Council (USGBC)

沛然環保引領環球貿易廣場 (ICC) 斬獲亞洲首座美國綠色建築委員會 (USGBC) 認證的建築物

Background

International Commerce Centre (ICC) is the tallest building in Hong Kong and currently ranks as the 5th tallest in the world. The 484m tall building, with 118 storeys, is a Grade-A building. It offers 3 million sq. ft of office space, an observation deck (Sky100), top class restaurants (Sky Dining 101) and a hotel (the Ritz-Carlton). As a building reaching 484 m, ICC is not only a landmark in Hong Kong but also a global benchmark for mega-tower projects around the world due to the numerous innovative technologies and green design concepts incorporated throughout its construction and operation.

背景

環球貿易廣場 (ICC) 是香港最高的建築物，亦是目前全球第五高的大樓。這座高達484米、樓高118層的甲級寫字樓，提供逾300萬平方呎的辦公空間，並設有觀景台 (Sky100)、高級餐廳 (Sky Dining 101) 及酒店 (麗思卡爾頓酒店)。作為一座高度達484米的超高層建築，ICC不僅是香港的地標建築，更因其在建造及營運過程中引入多項創新技術及綠色設計理念，成為全球超高層建築項目的典範。



AEC consultancy services for ICC

In this project, AEC being the green & healthy building consultant of International Commerce Centre, offers professional consultancy services on various green & healthy building certifications, including the followings:

- BEAM Plus Existing Building Version 3.0 Pilot Scheme (Beta 0) – Final Platinum
- LEED v5 O+M: Existing Buildings – Platinum
- BRREAM In-Use International 2015 – Outstanding
- WELL Health-Safety Rated

AEC為環球貿易廣場提供的顧問服務

在本項目中，AEC作為環球貿易廣場的綠色及健康建築顧問，為多項綠色及健康建築認證提供專業顧問服務，其中包括：

- BEAM Plus現有建築第三版先導計劃 (Beta 0) – 最終鉑金級
- LEED第五版營運與維護 (現有建築) – 鉑金級
- BREEAM在用建築國際版2015 – 卓越級
- WELL健康 – 安全認證

ACCELERATING DECARBONIZATION

促進低碳

AEC is thrilled to announce a landmark achievement for International Commerce Centre (ICC):

- ICC is the first building in Hong Kong to attain the BEAM Plus Existing Building (EBv3.0) Pilot Scheme Final Platinum rating, issued by the Hong Kong Green Building Council. ICC achieved a score of 120, the highest attainable credit points in the pilot scheme. The BEAM Plus Platinum certification is a milestone to reflect ICC's commitment to environmental stewardship, energy efficiency, and occupant well-being.
- ICC is also the first building in Asia to attain Platinum certification under the latest Leadership in Energy and Environmental Design (LEED) v5.0 Operations and Maintenance: Existing Buildings by the U.S. Green Building Council (USGBC). ICC achieved a score of 91, the highest among seven certified buildings worldwide. This recognition underscores ICC's unwavering commitment to environmental excellence, operational efficiency, and sustainable development.

Some key project highlights

AI-driven smart building systems optimizing operational efficiency

- Implemented an Extended Reality Facility Management system in operations.
- Utilized technologies, such as artificial intelligence (AI), Internet of Things, Digital Twin and big data analysis.
- Enhanced energy efficiency by deploying AI-driven optimization and energy management for the air conditioning systems.
- Total electricity consumption in 2024 decreased by over 20 million kWh compared to that 2012.

Advanced energy-saving technologies reducing carbon footprint

- Utilized AI-driven smart building systems.
- Utilized high-efficiency chillers, chilled water battery system, and real-time energy monitoring.
- Implemented double-glazed low-emissivity glass and advanced insulation.
- In 2024, ICC has earned the HKGBC's Zero-Carbon-Ready Building Certification with a "Super Low" rating to signify its contribution in the pathway for decarbonization.

AEC欣然宣佈環球貿易廣場(ICC)於綠色建築領域再創里程碑：

- ICC是香港首座獲得BEAM Plus現有建築(EBv3.0)先導計劃最終鉑金級認證的建築物，由香港綠色建築議會頒授。ICC取得120分，是該先導計劃的最高評分。此項鉑金級認證彰顯了ICC在環境管理、能源效益及使用者健康福祉方面的卓越承諾。
- ICC同時也是亞洲首座獲得美國綠色建築委員會(USGBC)最新LEED第五版「營運與維護：現有建築」鉑金級認證的建築物。ICC獲得91分，是全球七座已認證建築中得分最高者。此殊榮進一步印證了ICC對環境卓越、營運效能及可持續發展的堅定承諾。

一些項目亮點

人工智能驅動的智慧建築系統，提升營運效率

- 引入延展實境設施管理系統。
- 融合人工智能(AI)、物聯網、數碼孿生技術與大數據分析等先進技術。
- 透過AI優化空調系統的能源管理。
- 二零二四年的總用電量較二零一二年減少逾2,000萬千瓦。

先進節能科技，顯著降低碳足跡

- 採用人工智能驅動的智慧建築系統。
- 配備高效冷水機組、冷水蓄能系統及即時能源監測平台。
- 採用雙層低輻射玻璃及先進隔熱設計。
- 二零二四年，ICC獲得香港綠色建築議會頒發「零碳就緒建築」認證，並獲評為「超低」等級，彰顯其於減碳路徑上的積極貢獻。

ACCELERATING DECARBONIZATION

促進低碳

Community engagement & wellness-focused workspaces

- Regularly organized various community partnership programs and conducted stakeholder engagement regularly.
- Dedicated to drive green initiatives and sustainable events.
- Provided access to information on indoor environmental quality.

社區參與與健康為本的工作環境

- 定期舉辦社區夥伴計劃與持份者互動活動。
- 舉辦綠色活動與可持續倡議。
- 提供室內環境品質資訊以促進福祉。

Sustainable waste & water management practices

- Utilized a smart waste management system.
- Promoted recycling and upcycling programs, as well as food waste reduction initiatives.
- Equipped with low-flow toilets and toilet leak detection sensors.
- Optimized water efficiency and prevented waste.

可持續廢物及用水管理實踐

- 採用智慧廢物管理系統。
- 推行回收與升級再造計劃、以及廚餘減量措施。
- 設有低流量潔具及廁格漏水偵測感應器。
- 優化用水效率並防止浪費。

United Nations Sustainable Development Goals (UNSDGs)

聯合國可持續發展目標(UNSDGs)



ACCELERATING DECARBONIZATION

促進低碳



02 Case Study 個案分析

Hongkong Land's Central Portfolio in Hong Kong

- Alexandra House
- Chater House
- The Landmark (Edinburgh Tower, Gloucester Tower, York House, Landmark Atrium)
- Jardine House
- Prince's Building
- Exchange Square (One, Two & Three Exchange Square, The Forum)

Alexandra House, Chater House, The Landmark (Edinburgh Tower, Gloucester Tower, York House, Landmark Atrium), Jardine House, Prince's Building and Exchange Square (One, Two & Three Exchange Square, The Forum) are the central portfolio managed by Hongkong Land (Property Management) limited in Central District.

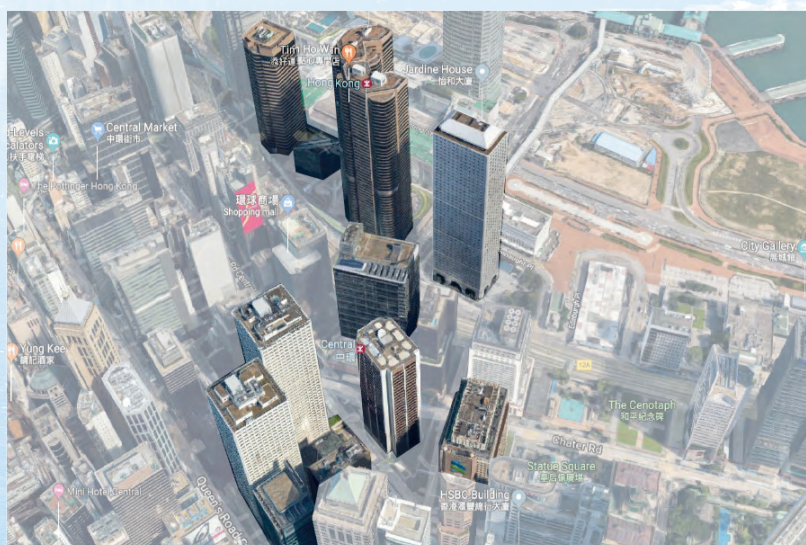
Those buildings sum up with around 613,900 m² of Gross Floor Area (GFA) and they were all "Triple Platinum" certified with BEAM Plus EB V2.0 Comprehensive Scheme, LEED Existing Building and Operation v4.1 and WELL Core v2 during 2023-2024. AEC was appointed as project sustainability consultant to conduct a comprehensive review of these buildings and make recommendations to the property management company for improving building performance while identifying outstanding features.

置地公司於香港的中環物業組合

- 歷山大廈
- 遮打大廈
- 置地廣場(公爵大廈、告羅士打大廈、約克大廈、置地廣場中庭)
- 怡和大廈
- 太子大廈
- 交易廣場(第一、第二和第三座、富臨閣)

歷山大廈、遮打大廈、置地廣場(公爵大廈、告羅士打大廈、約克大廈、置地廣場中庭)、怡和大廈、太子大廈和交易廣場(第一、第二和第三座、富臨閣)是置地公司(物業管理)於中環區管理的核心物業。

這些建築合計約613,900平方米的總樓面面積(GFA)，並於二零二三至二零二四年期間獲得「三白金」認證，其中包括BEAM Plus現有建築v2.0綜合評估計劃、LEED v4.1現有建築營運與管理，以及WELL Core v2。AEC獲委任為專案可持續發展顧問，為上述建築進行全方位檢查，並向物業管理公司給出提升建築表現的建議並識別其卓越亮點。



ACCELERATING DECARBONIZATION

促進低碳

In this case, AEC has successfully guided taking one of the most prominent property investment, management and development groups in Asia on a journey of green and healthy existing buildings. This effort not only contributes to Hongkong Land's carbon neutrality roadmap but also sets a good example for other peers. AEC collaborated with the building owner and property management team to enhance building operational efficiency. Through a series of energy-saving measures, the energy efficiency of buildings over 50 years old was effectively improved. The concept of green and healthy operation was also successfully integrated into the property management team, promoting sustainability and environmental consciousness throughout the entire organization.

AEC成功引領亞洲最具代表性的地產投資、管理及發展集團邁向綠色與健康的現有建築，不僅有助於置地公司實現其碳中和路線圖，也為業界樹立良好典範。AEC與業主及物業管理團隊緊密合作，致力提升建築營運效率。透過一系列節能措施，有效改善逾50年樓齡建築的能源效率，並成功將綠色與健康營運理念融入設施管理團隊之中，進一步推動整個組織的可持續發展與環保意識。



United Nations Sustainable Development Goals (UNSDGs)

聯合國可持續發展目標(UNSDGs)



ACCELERATING DECARBONIZATION

促進低碳



03 Case Study 個案分析

AEC Malaysia Office has proudly achieved a historic milestone by becoming the first office in Malaysia to receive the prestigious GreenRE Platinum Rating for Office Interior V2.0 in February 2025. This achievement sets a new benchmark for sustainable office design and underscores our unwavering commitment to environmental responsibility and green innovation.

AEC馬來西亞辦公室於二零二五年二月榮獲備受推崇的GreenRE白金級評級(辦公室室內設計V2.0)，成為馬來西亞首個獲此殊榮的辦公室，這是一項具有歷史意義的里程碑。此成就為可持續辦公室設計樹立了新標竿，亦彰顯了我們對環境責任與綠色創新的堅定承諾。



Sustainable Material Selection

To create a safe and healthy workspace for its employees, AEC Malaysia integrates sustainability into its operations by prioritizing eco-friendly, low-emitting materials in office design. Materials are selected for both their performance and environmental credentials, such as low volatile organic compounds (VOCs), Environmental Product Declarations (EPD), Health Product Declarations (HPD), and eco-label certifications like GREENGUARD, FSC, SGBC, and CRI Green Label Plus.

可持續材料的選擇

為了打造安全且健康的工作環境，AEC馬來西亞在營運中融入可持續發展理念，並在辦公室設計中優先採用環保、低排放材料。所選用的材料不僅具備優異性能，亦兼具環保特性，如低揮發性有機化合物(VOC)、環境產品聲明(EPD)、健康產品聲明(HPD)，以及GREENGUARD、FSC、SGBC和CRI Green Label Plus等環保標籤認證。



Ceiling panels

- Low VOCs
- EPD
- HPD



Vinyl Tiles

- Low VOCs
- EPD



Interface carpet

- Low VOCs
- EPD
- HPD
- Certified recyclable



Paints

- Low VOCs
- EPD



Fusion Abstract carpet

- Low VOCs



Bamboo wall panels

- FSC certified
- SGBC



ACCELERATING DECARBONIZATION

促進低碳

Material circularity: Additionally, the office actively promotes material circularity to minimise carbon footprints and improve environmental sustainability by prioritising the reuse and recycling of materials. It also supports closed-loop systems that enable continuous recycling of products, thereby reducing reliance on non-renewable resources and minimising waste over time.

材料循環性：此外，辦公室積極推動材料循環使用，優先考慮材料的重複使用與回收利用，以降低碳足跡並提升環境可持續性。同時，我們亦支持封閉式循環系統，使產品能持續被回收再利用，從而減少對不可再生資源的依賴，並長期減少廢棄物的產生。



56.17% of the existing ceiling panels were conserved
56.17%的現有天花板板材獲得保留



97.89% of the existing walls were conserved
97.89%的現有牆體獲得保留



Recycling bins are provided in the office area
辦公區域設有回收箱

Energy Efficiency

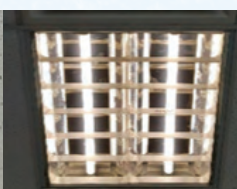
AEC Malaysia also enhances energy conservation by installing LED lamps and motion-sensor lighting, achieving a Lighting Power Density of 3.28 W/m² and a 57% energy reduction in 2023–2024. The office also uses energy-efficient equipment certified by Suruhanjaya Tenaga and Energy Star, along with split-type air conditioners using R-32 refrigerant, further reducing electricity use.

能源效率

AEC馬來西亞透過安裝LED燈具及感應式照明系統，以提升能源效益，並在2023–2024年實現照明功率密度(Lighting Power Density)為3.28 W/m²、節能率達57%。辦公室同時採用獲得馬來西亞能源委員會及Energy Star認證的高效能設備，並使用R-32冷媒的分體式空調，進一步降低用電量。



Lighting (motion + daylight) sensor
照明感應器(人體移動 + 日光感應)



LED tube light
LED光管



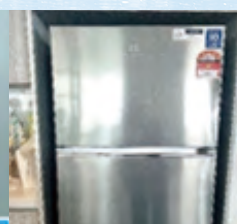
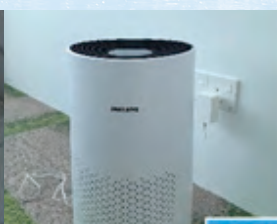
LED round downlight
LED圓形筒燈



LED square downlight
LED方形筒燈



Energy-efficient equipment certified by Suruhanjaya Tenaga and Energy Star
獲馬來西亞能源委員會及能源之星認證之節能設備



R-32 refrigerant is adopted
採用R-32製冷劑

ACCELERATING DECARBONIZATION

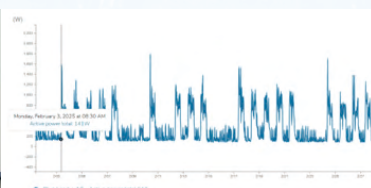
促進低碳

A tenant sub-metering system is in place to monitor and analyze energy usage in real time. It uses wireless sensors, control devices, and server gateways to provide accurate insights from main circuits to individual loads like lighting, plugs, and air conditioning. Staff can access the data easily for ongoing energy consumption analysis.

我們已設置租戶分錶系統，以實時監測和分析能源使用情況。該系統透過無線感測器、控制裝置及伺服器閘道器，從主要電路到照明、插座及空調等各個用電點提供精確的用能數據。員工可輕鬆存取這些資料，便於持續進行能源消耗分析。



Sub-meter
分錶



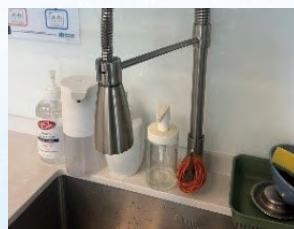
Active power graph
有功功率圖

Water Efficiency

To improve water efficiency, AEC Malaysia installed 3-star rated pantry taps with a low flow rate of 3L/min and integrated a leak detection system. These measures help optimize water use and prevent water loss, supporting sustainable water management.

用水效率

為提升用水效率，AEC馬來西亞安裝了3星級、流量僅為3公升／分鐘的茶水間水龍頭，並導入漏水偵測系統。這些措施有助於優化用水管理並防止水資源流失，支持可持續的用水策略。



High efficiency water fitting
高效能用水器具



Water leak detection system
漏水偵測系統

Work Place Health and Wellbeing

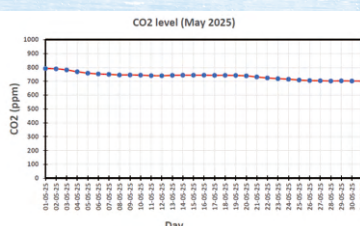
We are dedicated to creating a healthy and comfortable workplace by installing indoor air quality (IAQ) monitors to ensure indoor air quality.

辦公室的健康與福祉

我們致力於打造健康舒適的工作環境，透過安裝室內空氣品質(IAQ)監測器，確保室內空氣品質達到良好標準。



IAQ monitor
室內空氣質素監測儀



CO₂ level graph
二氧化碳水平圖

ACCELERATING DECARBONIZATION

促進低碳



04 Case Study 個案分析

Quarantine Service for Society for the Prevention of Cruelty to Animals (SPCA) Jockey Club Centennial Centre (Tsing Yi Centre)

香港愛護動物協會(SPCA)賽馬會百年中心(青衣中心)檢疫服務

Background

To prevent the introduction of infectious animal diseases, imported animals must undergo quarantine in accordance with the Rabies Ordinance (Cap. 421) and the Public Health (Animals and Birds) Ordinance (Cap. 139). However, the Agriculture, Fisheries and Conservation Department (AFCD) is currently facing a significant backlog in its quarantine services, highlighting the urgent need for expanded facilities and improved processing capacity.

In response, the AFCD introduced new arrangements, reducing the quarantine period for eligible imported cats and dogs from 120 days to 30 days. This initiative aligns with government objectives on public health and the safe importation of animals into Hong Kong. To support this change and meet increasing demand, the Society for the Prevention of Cruelty to Animals Jockey Club Centennial Centre located on Cheung Fai Road, Tsing Yi, plans to repurpose its boarding rooms into a dedicated quarantine facility, ensuring more efficient processing and enhanced animal welfare standards.

背景

為了防止動物傳染病的傳入，根據《狂犬病條例》(第421章)及《公眾衛生(動物及雀鳥)條例》(第139章)，進口動物必須接受檢疫。然而，漁農自然護理署(AFCD)目前正面臨嚴重的檢疫服務積壓問題，突顯出擴建設施及提升處理能力的迫切需要。

作出回應後，漁護署推出新安排，將合資格進口貓隻及犬隻的檢疫期由120日縮短至30日。此項措施與政府在公共衛生及保障動物安全進口方面的目標一致。為配合有關轉變及應對日益增加的需求，香港愛護動物協會計劃將其位於青衣長輝路賽馬會百年中心的寄養房間改裝為專用檢疫設施，以提升處理效率並提高動物福利標準。



AEC consultancy services for SPCA

Since the project includes a quarantine facility for animals, it is classified as a Designated Project (DP) under Item N.2, Part I, Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO) (Cap. 499), requiring an Environmental Permit (EP) for its operation. In this project, AEC played a vital role in preparing the Project Profile for the project, facilitating a direct application for an Environmental Permit.

沛然環保為香港愛護動物協會(SPCA)提供環境工程顧問服務

由於項目包括動物檢疫設施，根據《環境影響評估條例》(第499章)附表2第1部第N.2項的規定，該項目被列為指定工程項目(Designated Project, 簡稱DP)，其營運須申領環境許可證(Environmental Permit, 簡稱EP)。在本項目中，沛然環保在編製項目簡介方面發揮了重要作用，協助項目直接申請環境許可證。

ACCELERATING DECARBONIZATION

促進低碳

AEC is pleased to announce a landmark achievement for SPCA Jockey Club Centennial Centre:

- AEC provided technical support to SPCA in the preparation of the Project Profile for the SPCA Jockey Club Centennial Centre at Tsing Yi. The Project Profile successfully secured direct approval for an Environmental Permit under the Environmental Impact Assessment Ordinance (EIAO), with reference number DIR 312/2025. The approval was granted by the Environmental Protection Department through the streamlined approach under Section 5(11) of the EIAO, demonstrating the project's full compliance with environmental regulatory requirements.
- In alignment with the AFCD's revised policy to shorten the quarantine period for eligible cats and dogs from 120 to 30 days, the SPCA Jockey Club Centennial Centre transformed its existing boarding rooms into a dedicated quarantine facility. This initiative directly supports government efforts to strengthen animal import control, alleviate quarantine service backlogs, and uphold high standards of animal welfare and public health.

Some key project highlights:

Enhanced Animal Security with Escape-Proof Design

The facility prioritises animal safety through enhancement to quarantine rooms, ensuring secure, escape-proof conditions strengthening the overall security of the facility without requiring any construction works.

Proactive Air Quality and Infection Control

The facility incorporates independent MVAC exhaust systems and designated isolation rooms to support infection control and prevent cross-contamination. Proactive air quality measures are in place to maintain a safe and healthy indoor environment for both animals and staff while minimising impact on nearby animal-sensitive individuals.

Sustainable Waste and Water Management

The facility implements structured waste handling practices. Water usage is efficiently managed through routine cleaning operations and well-designed facility, supporting responsible resource use and operational sustainability.

沛然環保欣然宣佈，香港愛護動物協會賽馬會百年中心達成一項重要的里程碑成就：

- AEC 為香港愛護動物協會 (SPCA) 位於青衣的「SPCA賽馬會百周年紀念中心」項目簡介提供技術支援。該項目簡介成功根據《環境影響評估條例》(EIAO) 第5(11)條的簡化程序，獲環境保護署直接批出環境許可證(編號：DIR 312/2025)，充分證明項目符合環保法規要求。
- 配合漁護署將合資格貓隻及犬隻的檢疫期由120日縮短至30日的修訂政策，香港愛護動物協會賽馬會百年中心已將現有寄養房間改建為專用檢疫設施。此舉有助支援政府加強動物進口管制、紓緩檢疫服務積壓，並維持高水平的動物福利及公共衛生標準。

一些項目亮點：

加強動物安全－防逃脫設計

該設施透過優化檢疫房間以保障動物安全，防逃脫設計強化整體設施的安全性，且無需進行任何建築工程。

主動的空氣質素及感染控制

該設施設有獨立的機械通風及空調(MVAC)排氣系統及指定的隔離房間，以支持感染控制及防止交叉感染。主動的空氣質素管理措施確保為動物及工作人員維持安全及健康的室內環境，同時將對附近動物過敏認識的影響降至最低。

可持續廢物與水資源管理

該設施採用系統化廢物處理方式，並透過定期清潔作業及設計優良的設施，有效管理用水情況，從而促進負責任的資源使用及營運的可持續性。

ACCELERATING DECARBONIZATION

促進低碳



05 Case Study 個案分析

Empowering Logistics Benchmark: Peiran Environmental Supports Pan-Asia International in Optimizing ESG Practices

賦能物流標竿：沛然環保助力泛遠國際優化ESG實踐

During the Year, AEC provided comprehensive ESG reporting and sustainability consulting services to FAR International Holding Group Co., Ltd., helping to deeply integrate sustainability requirements into the corporate governance and practices. Through stakeholder survey analysis, we assisted Far International in establishing a materiality matrix, effectively enhancing stakeholder engagement and laying a solid foundation for developing more strategic and actionable ESG plans.

本年度，沛然環保為泛遠國際控股集團有限公司提供全面的ESG報告編製及可持續發展諮詢服務，助力其將可持續發展要求深入融入公司治理與實踐。我們通過持份者問卷分析，協助泛遠國際建立了重大性議題矩陣，有效提升了持份者參與度，為其制定更具戰略性與可操作性的ESG規劃奠定了堅實基礎。

Additionally, AEC employed a combination of online and offline interviews along with site visits to systematically assess the current state of Far International's ESG reporting and offered targeted optimization recommendations covering the three dimensions of environment, social, and governance.

此外，沛然環保還採用線上線下訪談與實地考察相結合的方式，系統梳理了泛遠國際ESG報告的現狀，並針對性地提出了涵蓋環境、社會及管治三大維度的優化建議。

After the successful release of Far International's 2024 ESG report, AEC was invited to hold a seminar with the management team following the shareholders' meeting to discuss the future focus areas of ESG in the logistics industry. During the seminar, shareholders highly recognized the effectiveness of AEC's services and engaged in in-depth discussions with Mr. Dennis Wu, the Chief Executive Officer and Executive Director of AEC, regarding specific implementation pathways for ESG measures in the logistics sector.

在泛遠國際成功發佈二零二四年度ESG報告後，沛然環保受邀於其股東大會後與管理層舉行研討會，共同探討物流行業ESG未來工作重點。會上，股東們高度認可沛然環保的服務成效，並與公司行政總裁兼執行董事胡伯杰先生就物流行業ESG措施的具體實施路徑進行了深入交流。

Looking ahead, AEC will continue to focus on quantifying the relationship between ESG performance and corporate financial performance, assisting more clients in creating long-term value through enhanced ESG disclosure and management practices.

展望未來，沛然環保將持續致力於量化展示ESG表現與企業財務績效的關聯性，助力更多客戶通過完善的ESG披露與管理實踐創造長期價值。



ACCELERATING DECARBONIZATION

促進低碳



06 Case Study 個案分析

Hong Kong is one of the world's highest population density cities, heavy traffic, constant construction and large-scale building service equipment dominate the soundscape of the city and its 7 million citizens. To protect the wellbeing and comfort for the resident, the Hong Kong Environmental Protection Department refers the Noise Control Ordinance (Cap.400) (NCO) and its related technical memoranda to monitor and regulate the different type of noise sources. AEC is commissioned to conduct a comprehensive survey to provide a clearer picture of the city's soundscape according to the classification in the NCO and enabling authorities to monitor changes over time and to assess the noise criteria currently in use.

The background noise survey measures residential areas across the different acoustic environments of Hong Kong from rural to urban in all 18 districts. A GIS based online system is also developed to provide an easy access to the measured data and comparison to different area type and districts.

The survey directly supports several SDGs. For example, it contributes to **SDG 3: Good Health and Well-being**, by providing data that helps mitigate health impacts related to noise such as sleep disorders, hearing damage, increased stress, and cardiovascular problems. It also informs **SDG 11: Sustainable Cities and Communities**, by promoting urban environments that prioritize the well-being of residents through thoughtful planning and reduced noise exposure.

Beyond policy and health, the survey encourages innovation in smart city technologies, such as real-time noise monitoring and AI-driven noise management. It helps raise public awareness about the impact of noise, fostering greater community engagement in environmental protection. Overall, the survey serves as a foundational tool for building a more sustainable, livable, and resilient urban environment in Hong Kong.

香港是世界上人口密度最高的城市之一，繁忙的交通、不間斷的建築工程以及大規模的建築服務設備主導著這座城市的聲景及其700萬居民造成了困擾。為了保障居民的健康和舒適，香港環境保護署根據《噪音管制條例》(第400章)及相關技術備忘錄，對不同類型的噪音源進行監測和規管。沛然環保受委託進行一項全面調查，根據噪音管制條例的分類更清晰地了解城市的聲景，協助當局監測聲景的變化，並評估現行的噪音標準。

這項背景噪音調查測量了全港18區的住宅，涵蓋從鄉郊到市區的不同地區，更清晰地了解香港的聲景。此外，沛然環保還開發了一個地理資訊系統平台(GIS)，方便環保署讀取測量數據，並能比較不同地區和區域的噪音水平。

該調查直接支持多項聯合國可持續發展目標(SDGs)。例如，它有助於實現可持續發展目標3：良好健康與福祉，通過提供數據來幫助減緩噪音相關的健康影響，如睡眠障礙、聽力損傷、壓力增加及心血管問題。同時，它亦支持可持續發展目標11：可持續城市和社區，透過促進注重居民福祉的城市規劃和減少噪音污染，推動可持續的城市發展。

除了政策和健康層面，該調查還促進了智慧城市技術的創新，例如實時噪音監測和基於人工智能的噪音管理。它亦提升了公眾對噪音污染的認識，鼓勵社區更多參與環境保護工作。總體而言，這項調查為建設一個更可持續、更宜居、更具韌性的香港城市環境提供了基礎工具。



ACCELERATING DECARBONIZATION

促進低碳

Driving Sustainable Operations

AEC places significant emphasis on its own environmental performance and strives to minimize its impact on the environment. AEC has taken many green measures in the workplace to achieve good environmental management, from improving energy efficiency and reducing energy consumption to protect water resources. Furthermore, we are committed to optimizing resource usage and enhancing environmental consciousness among our employees.

推動可持續營運

沛然環保非常重視我們自身的環境績效，並將其對環境的影響降至最低。沛然環保在工作場所採取了各種綠色措施以實現良好的環境管理，從提高能源效益到節約水資源。此外，我們致力於優化資源使用，並提升員工對環境的意識。

Workplace Sustainability Initiatives

工作場所可持續發展倡議

Energy Efficiency

能源效益

Obtain LEED for Existing Interior & Arc Platform (Target Gold)

獲得LEED現有室內認證和Arc平台(目標金級)

Reduce 42% of absolute scope 1 and scope 2 GHG emission by 2030 from base year 2023

二零三零年範圍1及範圍2的絕對溫室氣體排放量較二零二三基準年減少42%

Water Conservation

節約用水

Provide water dispensers to minimize the use of disposable plastic water bottles

提供飲水機，降低即棄塑膠水瓶的使用

Display water saving logos to raise staff awareness

張貼節水標識，以提高員工意識

Resources Management

資源管理

Provide recycling bins to separate recyclable waste from source

提供回收箱從源頭分類可回收廢棄物

Control the use of raw materials such as packaging to minimize waste generation

控制包裝等原材料的使用，以盡量減少廢物的產生

Adopt green products, such as printing the Annual Report with soy ink

採用綠色產品，例如使用大豆油墨印刷年報

Adopt the "paperless office" practice with digital publications, newsletters and provide e-statements and e-trade platform to customers

電子化刊物和通訊以實踐「無紙化辦公室」，為客戶提供電子結賬單和電子貿易平台

Updating of the Human Resources System so that staff are required to apply for annual leave through the HR-Lite, thereby reducing the use of paper

更新人力資源系統，員工需通過HR-Lite申請假期，從而減少紙張使用

Reuse containers and utensils

重複使用容器和餐具

ACCELERATING DECARBONIZATION

促進低碳

Workplace Sustainability Initiatives

工作場所可持續發展倡議

Awareness Raising and Education

提高意識及教育

At least 6 trainings/activities per person

每人至少6次培訓／活動

Organize green-themed activities such as ESG, green building, and other sustainability related talks and seminars

舉辦以綠色為主題的活動，例如關於ESG、綠色建築和其他可持續發展相關主題的講座及研討會

Establish and implement Environmental Policy

訂立和執行環境政策

Office Waste Management

辦公室廢棄物管理

Set up baseline using 3-month data

使用三個月的數據設立廢棄物基準線

Measure general wastes once a week

每週測量一次普通廢棄物

Talent Attraction and Retention

吸引與保留人才

Reduce overall turnover rate to below 20%

將整體離職率降至20%以下

Health and Safety

健康及安全

Maintain zero injury rate

保持零工傷率

Communication

交流

Quarterly update/sharing (all staff meeting)

季度更新／分享(全員會議)

Social bonding sessions (every month)

社交聯繫會議(每月)

ACCELERATING DECARBONIZATION

促進低碳

Achievements in Green Building Projects

The following graph illustrates the overall savings in resources associated with BEAM Plus and LEED-certified projects from 2016/17 to 2024/25 in comparison to their respective baseline standards:

綠色建築項目的研究成果

下圖說明了於二零一六／一七年至二零二四／二五年期間，BEAM Plus和LEED認證項目與各自的基線標準相比的總節約量：

tCO₂e of GHG emissions
estimated reduction (estimate)
噸預計二氧化碳當量減排量

513,980.15

=

trees
planted
樹木栽種

22,346,963.07

MWh electricity reduction
(estimate)
兆瓦時預計減電量

269,499.44

=

households' average
electricity consumption
個家庭的平均用電量

58,459.75

million liter water
reduction (estimate)
百萬升預計減水量

3,697.59

=

Olympic-sized
swimming pools
奧運會規模游泳池

1,479.03

MWh Solar Energy
generated (estimate)
兆瓦時預計太陽能產電量

861.13

=

households' annual average
electricity consumption
個家庭的年平均用電量

186.80

tonnes waste
recycled (estimate)
噸預計廢棄物回收量

41,419.03

=

Hong Kong people's yearly
disposal rate of municipal solid waste
香港人每年的都市固體廢物棄置量

75,150.19

ACCELERATING DECARBONIZATION

促進低碳

Environmental Performance Review

環境表現概況

Energy 能源	Unit 單位	2024/2025	2023/2024
Electricity Consumption 耗電量	kWh 千瓦時	115,770	123,105
Fuel Consumption 燃料耗量	kWh 千瓦時	29,163	41,920
Total Energy Consumption 總能源耗量	kWh 千瓦時	144,933	165,025
Energy Intensity 能源消耗密度	kWh/Employee 千瓦時／員工	1,882	1,965

GHG 溫室氣體	Unit 單位	2024/2025	2023/2024
Scope 1 GHG Emission ^{Note 1} 範圍1溫室氣體排放 ^{註一}	tCO ₂ e 噸二氧化碳當量	8.03	11.51
Scope 2 GHG Emission ^{Note 2} 範圍2溫室氣體排放 ^{註二}	tCO ₂ e 噸二氧化碳當量	70.56	83.71
Scope 3 GHG Emission ^{Note 3} 範圍3溫室氣體排放 ^{註三}	tCO ₂ e 噸二氧化碳當量	24.62	14.17
Total GHG Emission 總溫室氣體排放	tCO ₂ e 噸二氧化碳當量	103.21	109.39
GHG Emission Intensity 溫室氣體排放密度	tCO ₂ e/Employee 噸二氧化碳當量／員工	1.34	1.30

Materials and Waste 材料和廢棄物	Unit 單位	2024/2025	2023/2024
Landfilled General Waste 棄置於堆填區的一般廢棄物	tonnes 噸	2.80	3.20
Recycled General Waste 已回收廢棄物	tonnes 噸	0.19	0.19
Landfilled Paper Waste (HK only) (Scope 3) 棄置於堆填區的廢棄紙張(僅限香港地區)(範圍3)	tonnes 噸	0.04	0.06

Note 1: AEC's Scope 1 GHG emission refers to energy direct emissions, including the consumption of fuel for company-owned private cars.

註一：沛然環保的範圍1溫室氣體排放為公司私家車消耗燃料所引致的直接排放。

Note 2: AEC's Scope 2 GHG emission refers to energy indirect emissions, including the consumption of purchased electricity. In addition to the daily office power consumption this year, the power consumption of the cooling system also increased, as a result, the total electricity consumption of the Year was higher than last year. The relevant emission figures are calculated with reference to EPD's Guidelines to Account for and Report on GHG Emissions and Removals for Buildings (Commercial, Residential or Institutional Purposes) in Hong Kong (2010 Edition).

註二：沛然環保的範圍2溫室氣體排放為消耗所購買電力所引致的間接排放。本年度除去日常辦公用電，亦新增製冷系統耗電量，故本年度總用電量高於上年度。相關排放數字乃參考由環保署所編製的《香港建築物(商業、住宅或公共用途)的溫室氣體排放及減除的核算和報告指引》(2010年版)所計算。

Note 3: During the year, Scope 3 GHG emissions include carbon emissions from paper disposed of in landfills, as well as carbon emissions from company staff business travel. (air transportation only).

註三：本年度範圍3的溫室氣體排放為除了包括棄置於堆填區的紙張碳排放量，亦新增公司員工差旅的碳排放量(僅空中交通)。

ACCELERATING DECARBONIZATION

促進低碳

Sustainable Operation Initiatives

Over the years, AEC has remained steadfast in its commitment to enhancing environmental performance by continuously refining and streamlining its operations. This dedication is exemplified through the implementation of various sustainable operational initiatives aimed at minimizing our ecological footprint.

Continuous Real-Time Indoor Environmental Monitoring

To improve the indoor environmental condition of the office, AEC continues to monitor the IAQ with the use of real-time IAQ system. The system installed sensors at different areas of the office, for real-time data collection of IAQ data. The gathered data is used for strategy setting for improving IAQ condition of the office in the future.

Smart Meter for Air Conditioning System

To better control the indoor environment of the office and improve energy management of the air-conditioning system of the office, AEC has upgraded the air conditioning control system, to an advanced computer-controlled smart control and metering system. This allows us to improve the energy management of the air-conditioning system. Moreover, the improved control system enables us to improve indoor comfort for our employees.

Real-Time Energy Consumption Monitoring System

To fulfill our commitment to SBTi for 2030, AEC has upgraded its energy monitoring system with new smart energy meters available for real-time energy data collection and data analysis. AEC aims to use the data collected from the new monitoring system to devise strategies and initiatives to further reduce energy consumption.

Coffee Grounds Recycling

To tackle the increasing level of food wastes generated from coffee consumptions in the office, AEC is participating in Eco-Greenergy's Zero Ground Coffee Campaign, for the recycling and upcycling of coffee grounds from our operation. We collect and transfer the used coffee grounds consumed at the office to Eco-Greenergy for upcycling, transforming them into products such as soaps, compost and handwash. The proceeds from the participation in the initiative also serves to support the research work on the valorization of food wastes for sustainable production of chemicals and materials at the City University of Hong Kong. Since 2022, AEC has cumulatively recycled 163 kilograms of coffee grounds.

可持續營運倡議

多年來，沛然環保一直堅定致力於通過不斷完善和精簡其運營來提高環境表現。這種奉獻精神通過實施各種可持續營運倡議得以體現，旨在最大程度地減少我們的生態足跡。

連續實時室內環境監測

為了改善辦公室的室內環境，沛然環保繼續使用實時系統監測室內空氣質量。該系統利用安裝在辦公室不同區域的傳感器，實時收集室內空氣質量數據。所收集的數據用於未來改善辦公室室內空氣質量的策略制定。

空調系統智能電錶

為了更好地控制辦公室的室內環境，提高辦公室空調系統的能源管理，沛然環保將空調控制系統升級為更新的計算機控制的智能控制和計量系統。這使我們能夠改善空調系統的能源管理。此外，改進的控制系統能夠提高員工的室內舒適度。

實時耗能監測系統

為了降低能源消耗以兌現我們對二零三零年SBTi的承諾，沛然環保將其能源監控系統升級，新的智能電錶可用於實時能源數據收集和數據分析。目的是利用新監測系統收集的數據來制定進一步降低能源消耗的戰略和措施。

咖啡渣回收

為了解決辦公室咖啡消耗產生的廚餘問題，沛然環保正在參與Eco-Greenergy的「全城咖啡渣回收運動」，以回收和升級其運營中產生的咖啡渣。我們收集辦公室消耗的所有咖啡渣並將其運送到Eco-Greenergy，以進一步升級回收咖啡渣，用於製造肥皂、堆肥和洗手液等產品。參與該計劃的收益也有助於支持香港城市大學關於廚餘作可持續生產化學品和材料的價值研究。自二零二二年起，沛然環保累計回收咖啡渣達163 kg。

INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力

Core values: Wellness and Symbiotic

As a professional consultancy, our employees are the core competitiveness of AEC. The Group strictly safeguards employees' fundamental rights, fosters a diverse and inclusive workplace environment, and provides systematic career development opportunities to promote the mutual realization of employees' talents and enterprise value, achieving a sustainable development ecosystem of win-win cooperation.

Boosting Diversity, Equality and Inclusion

AEC is committed to building a diverse and inclusive workplace environment, providing a foundation for employees to explore their unlimited potential. The Group strictly adheres to the principle of non-discrimination in recruitment and employment decisions, resolutely excluding considerations of gender, age, race, religious belief, and disability status. By continuously optimizing fair employment policies and anti-discrimination mechanisms, we strive to create an equal and diverse professional platform based on competence and value, ensuring that every talent can achieve their career aspirations in an obstacle-free workplace environment. We also encourage each employee to express their curiosity, creativity and ideas to lead the company to new vitality.

Besides, AEC sustains a corporate culture which esteems human rights, protects female rights and safeguards the vulnerable. We respond promptly to issues related to human rights with the provision of targeted solutions to minimize the risk of human rights violations. During the recruitment process, our administrative/human resources department is appointed to verify candidates' valid identity documentation, age, and working permit to prevent child labor, forced labor and other forms of illegal labor.

Beyond the workplace, we have long been actively promoting diversity and inclusive development in the community. AEC is regularly invited byGRESB Insights to share insights on a wide range of topics including gender diversity. The article exemplifies the apparent correlation between a gender-diverse workforce and workplace effectiveness. It puts along with our suggestions on a multi-faceted strategy to shaping gender-balanced human resources.

核心價值觀：福祉和共贏

作為專業顧問公司，員工是沛然環保的核心競爭力。集團嚴格保障員工基本權益，構建多元平等的職場環境，並提供系統化職業發展機會，推動員工才華與企業價值的雙重實現，達成合作共贏的可持續發展生態。

推動多元化、平等及共融

沛然環保以構建多元共融的職場生態為目標，致力於為員工開闢釋放潛能的廣闊空間。集團在招聘與僱傭決策中嚴格遵循非歧視原則，堅決摒棄性別、年齡、種族、宗教信仰及殘疾狀況等因素的影響，通過不斷優化公平就業政策與反歧視機制，打造基於能力與價值的平等競爭平台，確保每一位人才均能在無障礙的職場環境中實現職業理想。我們還鼓勵每位員工展示自己的好奇心、創意和想法，引領公司煥發新活力。

此外，沛然環保秉持尊重人權、保護女性權利和保護弱勢群體的企業文化。我們通過提供針對性的解決方案及時應對與人權相關的問題，將侵害人權的風險降至最低。在招聘過程中，我們的行政／人力資源部門將會核實候選人的有效身份證件、年齡和工作許可，以防止童工、強迫勞動和其他形式的非法勞工。

於職場以外，我們長期以來積極推動社區多元化及共融發展。沛然環保定期受「GRESB Insights」邀約，在該平台上就包括性別多元化在內的廣泛主題分享見解。有關文章舉例說明了性別多元化工作團隊與職場工作效率之間密不可分的關係，並就如何以多管齊下的方針，建立性別平衡的人力資源提出建議。

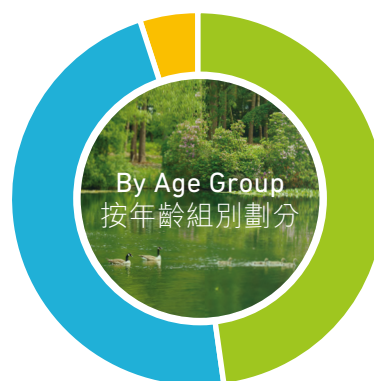
INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力

Number of Employees 員工人數



- 29 (38%)
Male
男
- 48 (62%)
Female
女



- 37 (48%)
Under 30 Years Old
30歲以下
- 36 (47%)
30-50 Years Old
30-50歲
- 4 (5%)
Over 50 Years Old
50歲以上



- 17 (22%)
Senior Management ^{Note 1}
高級管理層 註一
- 45 (58%)
Professional Consultants
專業顧問
- 15 (20%)
Other Working Staff ^{Note 2}
其他員工 註二



- 75 (97%)
Full-time
全職
- 2 (3%)
Part-time
兼職



- 56 (73%)
Hong Kong
香港
- 21 (27%)
Malaysia
馬來西亞

Note 1: The senior management includes our managing directors, directors, associate directors, and principal consultants.

Note 2: Other staff include our technicians and employees from the administrative/human resources department, marketing and communications team, and finance and accounting team.

註一：高級管理層包括我們的董事總經理、董事、副董事和首席顧問。

註二：其他員工包括我們的技術人員、行政／人力資源部門、市場推廣及傳訊部門，以及財務和會計部門的員工。

INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力

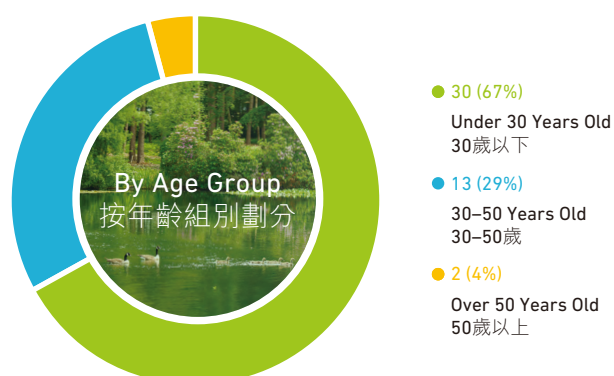
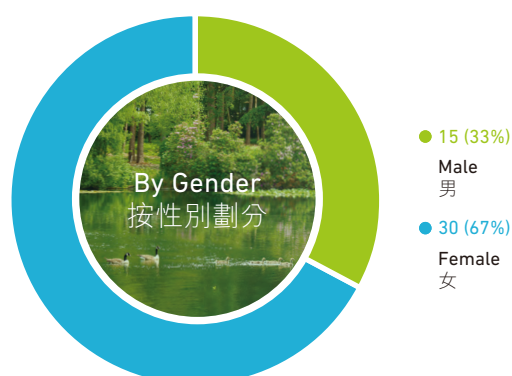
Board Members

董事會成員



Employee Turnover ^{Note 3}

離職員工 註三



Note 3: The overall turnover rate is 58% and the turnover rate for male and female are 52%, 63% respectively, and for employees under 30, between 30-50, and above 50 are 81%, 36%, 50% respectively. The turnover rate is 61% for Hong Kong office and 52% for Malaysia office.

註三：整體離職率為58%，男性和女性離職率分別為52%、63%，30歲以下、30-50歲、50歲以上員工分別為81%、36%、50%。香港辦公室的流動率為61%，馬來西亞辦公室為52%。

INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力

Fostering Workforce's Development

AEC deeply acknowledges that training and education serve as the core driving force for creating opportunities and unlocking innovative potential. They not only inspire critical thinking and expand career possibilities but also effectively boost employee motivation and value-creation capabilities. The Group prioritizes talent development as a strategic focus, establishing a comprehensive training and development framework that designs and implements multi-dimensional training programs centered on sustainability principles and professional skill enhancement, empowering employees to refine their expertise and strengthen their comprehensive competitiveness. To further promote lifelong learning, the Group has introduced a study leave policy and established professional qualification exam subsidies, providing tangible support for employees' self-advancement. Additionally, senior management and department heads conduct annual performance evaluations, integrating business strategic objectives with employees' career plans to accurately identify personalized training needs and maximize the value of human capital.

In order to cultivate more relevant professional talents and allow them to develop their personal potential and leadership, AEC launched the Management Trainee Program ("MT Program") in 2024, aiming to provide high-quality graduates with a solid foundation and help them to reasonably and clearly plan their career. In the future, we will continue to provide the best resources and opportunities to cultivate more outstanding talents for sustainable business development.

促進員工發展

沛然環保深刻認知培訓與教育是開創機遇、激發創新潛能的核心驅動力，不僅能夠啟迪思維、拓展職業可能，更有效提升員工工作積極性與價值創造力。集團將人才培育視為戰略重點，構建全方位培訓發展體系，圍繞可持續發展理念與專業技能提升，設計並實施多維度培訓項目，助力員工精進專業素養、增強綜合競爭力。為進一步鼓勵終身學習，集團推出學習假期制度，並設立專業資格考試津貼，為員工自我提升提供實質性支持。此外，高級管理人員及部門負責人定期開展年度績效評估，結合業務戰略目標與員工職業規劃，精準識別個性化培訓需求實現人力資本價值最大化。

為了培養更多相關專業人才，讓其發揮個人潛能和領導力，沛然環保於二零二四年推出了管理培訓生計劃（「MT計劃」），旨在為高素質的畢業生提供穩固的基礎，幫助他們合理清晰地規劃其職業生涯。在未來，我們將會繼續提供最好的資源和機會，培育更多可持續發展業務的卓越人才。

Training 培訓	Percentage of employee trained 員工受訓比率	Average training hour 平均受訓小時數
Total 總數	73%	4.44
By Gender 按性別劃分		
Male 男性	36%	3.55
Female 女性	64%	4.93
By Employee Category 按僱員類別劃分		
Senior management 高級管理層	7%	5.50
Professional consultants 專業顧問	73%	4.38
Other staff 其他員工	20%	4.27

INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力

Safeguarding Workforce's Wellness

AEC recognizes that our employees' health and wellbeing are essential to the long-term sustainable development of the Group. AEC strictly adheres to the relevant health and safety regulations. Employees that are required to work and operate at construction sites are required to undergo mandatory safety training courses under Construction Workers Registration Ordinance (Cap. 583 of the Laws of Hong Kong) prior to site-based works. This ensures that our site-based staff are well-equipped and properly trained for high-risk works (i.e. on-site audits).

To ensure a healthy workplace, AEC implements relevant safety policies to regulate the management system and control measures regarding the employees' safety and health at work. With an aim to avoid accidents, employees are required to report any working methods and facilities in workplaces that may lead to accidents to their supervisors and human resources department and take follow-up actions.

To ensure the safety of employees who are required to work and operate on the construction site, all site activities must be logged and reported to supervisors and managers for record keeping prior to commencement. Employees undertaking on-site work activities are required to maintain a clear communication channel with their supervisor throughout site work, and to promptly report any incidents. AEC supplies the relevant personal protective equipment (PPE) (i.e. safety helmets, reflective vests, safety work boots, life vests, etc.) to employees to ensure complete protection against work-related accidents on site.

保障員工健康

沛然環保深知員工的健康和福祉對本集團的長期可持續發展至關重要。沛然環保嚴格遵守相關的健康和安全規例，對於需在建築工地工作和進行操作的員工，沛然環保要求員工在開展現場工作前，接受第583章《建造業工人註冊條例》(香港法例第583章)下的強制性安全訓練課程，以確保我們的工地人員通過高風險工作(如現場審核)的培訓。

為確保工作場所健康，沛然環保實施相關的安全政策，以規範員工有關工作安全和管理制度的管理制度和控制措施。僱員須向主管及人力資源部報告工作場所任何可能導致意外的工作方法及設施，以通過採取適當的跟進程序避免意外發生。

為確保需在建築工地工作和進行操作的員工安全，員工必須在開始工作前進行記錄，並向其主管和經理進行報告。從事現場工作的員工亦必須在整個工作期間，與其主管保持清晰的溝通渠道，並在必要時報告任何事項。為進一步保障員工在現場工作的安全，沛然環保為員工提供相關的個人防護裝備(PPE)(即安全帽、反光背心、安全工作靴、救生衣等)，以確保員工在現場事故中得到全面保護。

Health and Safety 健康和安全	Unit 單位	2024/25	2023/24
Total number of work-related fatalities ^{Note 1} 與工作相關的總死亡人數 ^{註一}	No. of people 人數	0	0
Work-related injury 與工作相關的受傷事件	Cases 個例	0	0
Lost days due to work-related injury 工傷引致的損失工作天數	Days 天數	0	0

Note 1: No work-related fatalities were recorded in the 2022/23 reporting years.

註一：自2022/23報告年度起，沒有與工作相關的死亡事件的記錄。

INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力

AEC continues to improve and develop more wellbeing initiatives for our employees. In compliance with local employment laws and standards, we ensure reasonable working hours and paid leave. We also encourage work-life balance and a pro-family culture, which has earned us recognition as a “Family-Friendly” Employer by the Home Affairs Bureau and the Family Council. We also offer extra staff benefits such as performance bonuses, special paid leave, corporate fitness discount, and medical insurance plan to boost employees’ happiness. Our measures implemented include:



- Fruit distribution 派發水果
- Refreshment 茶點
- Fitness center corporate discount 健身中心公司折扣
- Ergonomic workstation 符合人體工程學的工作間
- Regular office cleaning 定期辦公室清潔
- Relaxation area 休息區
- Prayer room 祈禱室
- Wellness coupon 健康津貼
- “Health and Wellbeing Study” 「健康與福祉研究」

沛然環保持續為我們的員工優化和制定更多的福利計劃。根據本地勞工法律和標準，我們為合理的工作時間和有薪假期提供保障。我們鼓勵工作與生活的平衡和親家庭文化，已被民政事務局和家庭議會認可為「家庭友善僱主」。我們還提供額外的員工福利，例如花紅、特殊有薪假期企業健身折扣和醫療保險計劃，以提升員工幸福感。我們實施的措施包括：

Relevant key measures on mental health

The physical and mental health of our employees is the top concern of the Group. We have taken measures to ensure the physical and mental health of our employees, including the installation of soundproofing facilities and mental health counseling. These initiatives enable our employees to work in a healthy and sustainable work environment. To further enhance employee mental health and well-being, we have signed the Mental Health Workplace Charter launched by the Department of Health, Labour Department, and Occupational Safety and Health Council, along with the Joyful@Healthy Workplace Charter, fostering a corporate culture that prioritizes work-life balance and collectively creates a healthy workplace ecosystem. The Group will continue to monitor its employees’ mental health status for the upcoming reporting year and provide more mental health related activities.

精神健康相關重點措施

本集團優先重視員工的身心健康。我們已採取安裝隔音設施及心理健康輔導等措施確保員工的身心健康，使我們的員工能夠在健康和可持續的工作環境中工作。為了進一步改善員工的心理健康和福祉，我們簽署了由衛生署、勞工處和職業安全健康局的推行的《精神健康職場約章》和「好心情@健康工作間」約章，推動形成「關注身心平衡、共創健康職場」的企業文化生態。本集團將在往後的報告年度繼續監察其僱員的心理健康狀況，並提供更多與心理健康相關的活動。

INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力



Maintaining Team Cohesion

AEC attaches great importance to the work experience of employees, advocates happy work and healthy life, and is committed to helping employees achieve a reasonable balance between work and life. At the same time, AEC creates a harmonious and friendly working atmosphere and carries out diverse employee activities to promote mutual understanding and common progress among employees.

保持團隊凝聚力

沛然環保重視員工的工作體驗，倡導快樂工作和健康生活，致力於幫助員工合理平衡工作與生活。同時，沛然環保營造和諧友好的工作氛圍，開展多樣的員工活動，促進員工相互了解，共同進步。

INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力

Singing Bowl Sound Therapy Stress-Relief Workshop 頌鉢音療紓壓工作坊

To actively uphold the sustainable development principle of “prioritizing employees’ physical and mental well-being,” Pairan Environmental specially organized a “Singing Bowl Sound Therapy Stress-Relief Workshop” during the reporting period. This professional experience was offered to all employees, using resonant frequencies to help participants release workplace stress and restore emotional balance.

為積極踐行「員工身心福祉優先」的可持續發展理念，沛然環保於本報告期內特別策劃「頌鉢音療紓壓工作坊」，向全體員工提供專業頌鉢體驗，通過頻率共鳴幫助參與者釋放職場壓力、平衡情緒能量。



Team Building Activity 團建活動

AEC Malaysia hosted a company retreat at Beacon Resort for employees, serving as a comprehensive initiative to enhance employee well-being, fostering teamwork, strengthen team cohesion, and cultivate a supportive corporate culture, ultimately contributing to a more motivated and high-performing workforce.

馬來西亞沛然環保於Beacon Resort舉辦了一場員工團建活動，作為一項全面舉措，以提升員工福祉、加強團隊凝聚力，並營造支持性的企業文化，最終有助於打造一支更有動力和高效的團隊。



INNOVATION DRIVES TEAM VITALITY

創新賦能團隊力

Holiday Gatherings

節日員工聚餐

AEC Malaysia takes pride in fostering an inclusive and vibrant workplace by hosting holiday gatherings that celebrate a variety of cultures and traditions. Whether it's Chinese New Year, Hari Raya, Deepavali, Christmas, or other celebrations, our gatherings reflect the diverse backgrounds of our team and reinforce our commitment to respect, belonging, and cultural appreciation.

馬來西亞沛然環保致力於營造包容且充滿活力的職場環境，透過舉辦節日聚會來慶祝多元文化與傳統。無論是農曆新年、開齋節、屠妖節、聖誕節等節慶活動，我們的聚會皆在展現團隊成員多元的文化背景，並彰顯我們對多元文化的尊重、珍惜與欣賞。



Hari Raya gathering
開齋節聚餐



Christmas Gift Exchange
聖誕節禮物交換活動

Oral Health Talk

口腔健康講座

To promote better dental hygiene and overall well-being in the workplace, AEC Malaysia organized an oral health talk for our employees in collaboration with Smileway Dental. The session covered essential topics such as proper brushing techniques, the importance of regular dental check-ups, and tips for maintaining healthy gums and teeth.

為推動職場健康與提升員工整體福祉，馬來西亞沛然環保聯合Smileway Dental舉辦口腔健康講座，積極倡導良好的牙齒衛生習慣。講座涵蓋正確刷牙方法、定期牙科檢查的重要性，以及維護牙齒與牙齦健康的實用建議，幫助員工從日常生活中提升口腔護理意識，進一步體現公司在促進員工健康與工作環境可持續發展方面的承諾。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係



Core values: Collaboration

As one of the most professional sustainability and environmental consulting companies in Hong Kong, AEC is not only committed to promoting the sustainable development of corporates, but also strives to integrate sustainable development into the company's development strategy and throughout our value chain. Therefore, creating value with our employees, customers, suppliers, contractors and other stakeholders is part of our sustainability commitment.

Emboldening Clients

At AEC, we are committed to serving clients from different fields, including property developers and owners, architects and designers, professional firms and property management offices, as well as Government authorities and public bodies, contractors, and the Stock Exchange listed companies, providing them with targeted, meticulous and sustainable solutions. We constantly communicate with our clients to understand their sustainability needs and provide them with professional and feasible advice.

核心價值觀：合作

作為香港最專業的可持續發展及環境顧問公司之一，沛然環保不僅致力推動企業的可持續發展，更致力於將可持續發展融入公司的發展策略及貫穿我們的價值鏈。因此，與我們的員工、客戶、供應商、承包商以及其他持份者共同創造價值是我們的可持續發展承諾之一。

鼓勵我們的客戶

在沛然環保，我們致力於服務來自不同領域的客戶，包括房地產開發商和業主、建築師和設計師、專業公司和物業管理辦公室、以及政府機關和公共機構、承建商以及聯交所上市公司，為他們提供有針對性、細緻且可持續的解決方案。我們通過持續的溝通來了解客戶的可持續發展需求，並為他們提供專業可行的建議。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Maintaining Ongoing Communication

We maintain constant contact with our clients. Our corporate website and various social media including Facebook, YouTube, LinkedIn and WeChat are important mediums for interacting with clients and building long-term relationships. We look forward to sharing our latest industry news and sustainability journey with our customers through our diversified networking platform and promoting their awareness of environmental protection and sustainable development.

Privacy Protection

Protecting clients' personal data and privacy serves as the cornerstone of the trust we build with clients and other stakeholders. We strictly comply with data privacy laws and regulations, and establish confidentiality policies to govern employees' conduct, providing institutional safeguards for clients' rights and interests. To mitigate the risks of confidential data leakage and misuse, the Group implements preventive measures such as requiring employees to verify all documents before transmission, and strictly prohibits the unauthorized use of client information. During the reporting period, no incidents with significant impacts on the Group's operations occurred due to violations of laws and regulations related to customer privacy.

Protecting Intellectual Property Rights

AEC has established policies and guidelines in accordance with all applicable legal requirements to prevent infringement of intellectual property rights and is committed to maintaining the confidentiality of all proprietary technology and privileged information in our day-to-day business activities. Throughout the Year, we did not receive any customer complaints or material breaches of relevant laws and regulations relating to privacy and intellectual property rights that had a significant impact on the Group's operations.

持續溝通

沛然環保定期與客戶溝通。我們的公司網站和各種社交平台，包括Facebook、YouTube、LinkedIn和WeChat，都是我們與客戶互動和建立長期關係的重要媒介。我們期待通過多元化的網絡平台，與客戶分享我們的最新行業動態和可持續發展之旅，促進客戶的環境保護和可持續發展的意識。

保障私隱

保護客戶個人數據與私隱是沛然環保構建信任關係的基石。我們嚴格遵循數據私隱法律法規，通過制定保密制度規範員工行為，為客戶權益提供制度保障。為降低機密數據洩露與濫用風險，集團落實文件發送檢核等預防措施，嚴禁未經授權的客戶信息使用。本年度，集團未發生因違反客戶隱私相關法規且對運營產生重大影響的事件。

保護知識產權

沛然環保已根據所有適用的法律和法規要求而制定政策和指導方針，以禁止侵犯知識產權，並在日常業務活動中致力於維持一切專有技術和特權信息的機密性。本年度，我們沒有收到任何客戶投訴或重大違反與私隱和知識產權有關的相關法律和規例並對本集團運營有重大影響的事件。

PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Engaging Value Chain

For the sake of ensuring the competitive edge and maintain daily operations, AEC strives to maintain good relationships with suppliers who also need to follow the requirement on business ethics, ethical conduct, labor practices, environmental conservation, human rights and legal compliance to guarantee quality standards and sustainability performance.

參與我們的價值鏈

沛然環保旨在維持合作和信任的供應商關係，以確保我們的競爭優勢並維持日常運營。本集團要求供應商遵守我們在商業道德、道德操守、勞工實踐、環境保護、人權和法律合規方面的要求，以保證質量標準和可持續發展表現。為了確保競爭優勢和維持日常運營，沛然環保努力與供應商保持良好關係，這些供應商也需要遵守商業道德、道德行為、勞工實踐、環境保護、人權和法律合規等要求，以保證質量標準和可持續性表現。



Green Supply Chain

A green and sustainable supply chain has a significant impact in encouraging environmental, social and economic progress. We incorporated green and sustainable management concepts into our procurement policies and practices. The Group continuously updates its sustainable supply chain management strategies in accordance with the development needs of society to monitor and mitigate the risks associated with the supply chain.

綠色供應鏈

綠色可持續的供應鏈在鼓勵環境、社會和經濟進步方面有著重大影響。我們將綠色可持續的管理理念融入採購政策和實踐中，本集團根據社會的發展需求不斷更新可持續的供應鏈管理戰略，以監督和減輕與供應鏈相關的風險。



With the aim of environmental and social responsibility along with supply chain, local suppliers are preferred whenever possible to minimize the carbon emissions from transportation and to support local economy. During the Year, we cooperated with over 33 suppliers and all of them are local suppliers.

沛然環保以環境和社會責任為供應鏈目標，盡可能首選本地供應商，以盡量減少運輸中的碳排放並支持當地經濟。本年度，我們與超過33家本地供應商合作，全部為本地供應商。

PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Sustainable Procurement

We have been a member of the Green Council's Sustainable Procurement Charter since 2018 to ensure consistency with business commitments. We also promised to carry out sustainable procurement practices. As a member of the Charter, we must meet the requirements stated in the ISO 20400 Sustainable Procurement – Guidance. During the Year, we have followed our Sustainable Procurement Policy and implemented sustainable procurement in our day-to-day operations, aiming to minimize the environmental impact of our procurement processes.



Sustainable Procurement 可持續採購

Objective 目的

Establish, implement and convey a green procurement policy to staff members
建立、實施並向員工傳達綠色採購政策

Goal 目標

Organize at least one sharing session for employees once a green procurement policy is established
建立綠色採購政策後，為員工舉辦至少一次分享會

Also, we are a Sustainable Consumption Enterprise under the "Fostering Sustainable Consumption for Hong Kong Business and the Community" program of Business Environment Council Limited ("BEC").

可持續採購

自二零一八年以來，我們一直是環保促進會可持續採購約章的成員，以確保與業務承諾的一致性。我們還承諾開展可持續採購實踐。作為章程的成員，我們必須滿足ISO 20400永續採購指南中的要求。本年度，我們遵循可持續採購政策，在日常營運中推行可持續採購，力求在採購過程中將環境影響減至最低。

此外，我們是商界環保協會(BEC)的「推動香港商界及社區可持續消費」計劃中支持可持續消費行為企業之一。

PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Responsible Investment

The Group has established the Responsible Investment Committee to integrate responsible investment principles into investment planning, which takes into account the impact of ESG, sustainability, climate resilience, biodiversity, and carbon neutrality on the long-term investment returns and their respective positive impacts. The Group actively expanded its business footprint and adhered to building a diversified portfolio, including Building Information Modeling (“BIM”) project life cycle, green business and consumer goods. AEC Group has taken a significant step forward in its commitment to advancing the development of a robust carbon trading market by joining both Core Climate and Verra.

AEC is listed as an official participant on Core Climate, the first international carbon marketplace initiated by the Stock Exchange in September 2023. As a participant role, AEC is able to source, hold, trade and retire carbon credits on Core Climate Platform. All projects listed on the Core Climate platform have been verified according to the VERRA and Gold Standard international certification for emissions reduction. They are well-governed and internationally-certified carbon credits projects from around the world, including carbon avoidance, reduction, and removal projects, located mainly in China, African countries, Brazil, and Southeast Asian countries. In the Year, AEC has purchased 269 metric tonnes of CO₂e carbon credits to support clean energy and wind energy projects. The purchased carbon credits are used to offset various carbon emissions for our group and clients, and are also given as souvenirs to our partners and guests.

AEC also holds a General Account on Verra since January 2024, a registry who sets the world’s leading carbon market standards for climate action and sustainable development. As holding a general account on Verra, AEC offers comprehensive support to clients in registering their projects, transforming them into valuable carbon credits, assisting clients in achieving their environmental goals and contributing to global emissions reductions. AEC is qualified to register projects, issue carbon credits, transfer or export carbon credits to counterparties, received transfers of credits from counterparties and retire VCU.

The engagement of AEC Group with both Core Climate and Verra stands as a significant milestone in our commitment to nurturing the expansion of the carbon trading market. Meanwhile, we will continuously develop projects related to carbon credit in our future operations.

責任投資

本集團成立責任投資委員會，將責任投資原則納入投資規劃，考慮ESG、可持續發展、氣候適應力、生物多樣性和碳中和對長期投資回報的影響及其各自的積極影響。本集團積極拓展業務版圖，堅持構建多元化的產品組合，包括建築信息模型(「BIM」)項目生命週期、綠色商業和消費品。沛然環保加入了Core Climate和Verra，在致力於推動健全的碳交易市場發展方面邁出了重要一步。

沛然環保於二零二三年九月正式成為聯交所發起的首個香港國際碳市場Core Climate的參與者。作為參與者，沛然環保可透過平台獲取產品信息、持有、交易、交收及註銷自願碳信用產品。Core Climate平台上市列出的所有項目均已根據VERRA和黃金標準的國際核證減排標準進行驗證。大部分項目來自世界各地，治理良好且經過國際認證，包括碳避免、減少和消除項目，項目主要位於中國、非洲國家、巴西和東南亞國家等。本年度，沛然環保購買了269公噸的二氧化碳當量碳信用額，以支持清潔能源和風能項目。所購買的碳信用額用於抵消我們集團及客戶的各類碳排放，並作為紀念品贈送給合作夥伴和嘉賓。

自二零二四年一月起，沛然環保也持有全球氣候行動和永續發展的領先碳市場標準組織Verra的帳戶。作為Verra的綜合帳戶持有者，沛然環保致力為客戶註冊專案、將其轉化為有價值的碳信用額、協助客戶提供全面支援，實現環境目標並為全球減排做出貢獻。沛然環保具備資格在平台上註冊項目、發放、轉讓、接收以及抵銷VCU碳信用額。

沛然環保與Core Climate和Verra的合作是我們致力於促進碳交易市場擴張的一個重要里程碑。同時，我們在未來的營運中亦會不斷發展碳信用相關的項目。

PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Core values: Awareness

Empowering Community

核心價值觀：意識

賦權於我們的社區



AEC's diversified businesses are closely related to the long-term development of the communities and societies in which we operate. Since our establishment, we have been committed to being a responsible member of the community by raising awareness of sustainability amongst our stakeholders, actively engaging in multiple external activities and developing shared values in the communities in which we operate. We are committed to connecting with the community to meet ESG requirements, advance sustainability efforts and work together to build a more sustainable city.

沛然環保多元化的業務與所在社區和社會的長遠發展息息相關。自成立以來，我們秉持提高持份者可持續性的意識，積極參與多個外界活動，並在我們營運的社區中發展共同價值觀的理念，希望成為社區中都負責任的一員。我們致力於與社區建立聯繫，以滿足ESG要求，推進可持續發展工作，並共同建設一個更為可持續的城市。

PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Industry Engagement

During the Year, AEC continued growing with our industry partners in challenging times. We have participated in and organized sustainability workshops and seminars to facilitate knowledge exchanges.

行業參與

本年度，沛然環保與其行業合作夥伴在充滿挑戰的時代中繼續前行。我們參與並組織了多個可持續發展工作坊和研討會，以促進各行業之間的知識交流。

The 7th Belt and Road Office (BRO) Talk

第七屆「一帶一路」辦公室研討會

On 14 June 2024, AEC Group was delighted to join the 7th Belt and Road Office (BRO) Talk, hosted by the Belt and Road Office, HKSAR Government. Echoing the sustainable development roadmap in Malaysia's Budget 2024, the talk addressed the importance of cross-border collaborations between Hong Kong and Malaysia, to drive the Belt and Road initiative to the next level for the next golden decade.

二零二四年六月十四日，沛然環保邀出席由香港商務及經濟發展局「一帶一路」辦公室主辦的第七屆「一帶一路」辦公室研討會。順應馬來西亞2024年預算案中的可持續發展路線圖，探討香港與馬來西亞開展跨境合作推動「一帶一路」倡議進入下一個黃金十年的重要性。



'LEED V5 Evolution in Action' Seminar

「LEED V5持續迭代綠色建築」主題研討會

On 8 August 2024, the "LEED V5 Evolution in Action" seminar, organized by the U.S. Green Building Council ("USGBC") and co-hosted by AEC Group and Sun Hung Kai Properties ("SHHK"), concluded successfully. The seminar provided invaluable insights into the latest trends and practical applications of the LEED system in green building projects, highlighting how the evolving LEED are advancing sustainable development.

二零二四年八月八日，由美國綠色建築委員會(USGBC)主辦，沛然環保連同新鴻基地產協辦了「LEED V5持續迭代綠色建築」主題研討會。研討會就LEED系統的最新趨勢和於綠色建築項目中的實踐應用經驗進行深入分享，為推動可持續建築的發展和實踐提供了寶貴的見解。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

30 Years of Excellence: Sustain the World with Netzero AEC Group's 30th Anniversary Celebration: "Our Green Vision to Global Mission"

三十年匠心築夢共繪綠色未來沛然環保三十週年慶典：沛然為首綠滿地球

On 9 September 2024, AEC Group held a grand 30th anniversary celebration cocktail party with the theme "Our Green Vision to Global Mission". The event brought together numerous business elites, industry leaders, and partners to review the glorious achievements of the past thirty years and to look forward to an even brighter future.

沛然環保顧問有限公司「沛然為首綠滿地球」主題三十週年慶典酒會於九月九日盛大舉行，與眾多商界翹楚、業界領袖及合作夥伴共同回顧過往三十年的輝煌成就，展望更加璀璨的未來。



Hong Kong Connectivity at Financial Forum 2024

財經論壇2024：推動內地與香港融合新發展」倡加強中港互聯互通

On 26 September, 2024, AEC Group was invited to attend the Financial Forum 2024 hosted by 信報. The forum facilitated in-depth discussions between political and business leaders and financial industry representatives on three major themes: Mainland-Hong Kong economic integration, the Belt and Road Initiative, and innovation in emerging digital currencies. The discussions emphasized the need for greater openness and connectivity, aiming to uncover new development opportunities for both regions.

二零二四年九月二十六日，沛然環保受邀出席由信報財經新聞主辦的「財經論壇2024：推動內地與香港融合新發展」論談會。圍繞中港經濟、一帶一路發展及科創和新興數字貨幣三大主題與政商領袖及財金界代表進行深入討論，倡導加強開放聯通，為中港找出發展新機遇。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

2024 GRESB Regional Insights: Hong Kong 2024

2024 GRESB區域洞察：香港(房地產和基礎設施)2024

On 8 November 2024, the 2024 GRESB Regional Insights: Hong Kong event was co-hosted by AEC Group and the Global Real Estate Sustainability Benchmark (GRESB). This year's event featured the GRESB Sector Leaders Award Ceremony, celebrating outstanding contributions to sustainability in real estate. We recognized the recipients of the Global & Regional Sector Leaders Award and the Regional Sector Leaders Award.

二零二四年十一月八日，沛然環保與全球房地產可持續標準(GRESB)聯合舉辦的《2024 GRESB區域洞察：香港(房地產和基礎設施)》圓滿舉行。今年的活動包括GRESB行業領導者頒獎典禮，表彰房地產可持續發展領域的傑出貢獻。我們認可了全球及區域行業領導者獎和區域行業領導者獎的獲得者。



iNNO FAÇADE 2024

iNNO FAÇADE 2024研討會

On 15 November 2024, Ms. Grace Kwok, Chairman and Executive Director of AEC Group and a board member of the Hong Kong Green Building Council, was honored to be a keynote speaker at the iNNO FAÇADE 2024 seminar. She shared insights on "Façade to Support Net Zero Transition," focusing on scientific guidelines for carbon targets and HKGBC's zero-carbon-ready certification. The discussion explored how facade systems can help new and existing buildings transition to zero carbon.

二零二四年十一月十五日，沛然環保主席及執行董事和香港綠色建築議會董事郭美珩女士很榮幸受邀出席iNNO FAÇADE 2024研討會並擔任主講嘉賓。郭女士就「幕牆支持淨零轉型」展開分享和討論，重點探討最新的建築行業科學基礎碳目標指南及香港綠色建築議會零碳就緒建築認證，並從建築圍護結構設計的角度，深入討論建築環境的去碳化途徑，以及幕牆系統如何為新建及現有建築物的零碳過度作出貢獻。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Carbon Reduction Action – Continuation Ceremony

全民減碳大行動－減碳續航禮

On 4 January 2025, the Carbon Reduction Action – Continuation Ceremony was grandly held in Hong Kong. The Secretary for Environment and Ecology, Mr Tse Chin-wan, officiated at the ceremony and commended 17 key strategic partners of the Carbon Reduction Action at the ceremony for their planned adoption of innovative and sustainable carbon reduction measures in their operations, including energy-saving innovations, smart food-waste processing systems, green transport and promotion of carbon reduction education, which will contribute actively to achieving the Government's carbon reduction targets set in the Hong Kong Climate Action Plan 2050. The Chairperson and Executive Director of AEC Group, and the Chairman of Environmental Campaign Committee and member of Environment and Conservation Fund, Grace Kwok, mentioned in her welcoming remarks that, in line with the carbon reduction strategies of the Government's Hong Kong's Climate Action Plan 2050, the ECC has encouraged the public through various channels to support waste reduction at source, energy saving and green transport. In the future, the ECC will continue to encourage the public to reduce carbon emissions and establish a culture of green and low-carbon living. She called on members of the public to work together and inspire their friends and families to change their habits and reduce carbon emissions together to create a greener and more sustainable living environment for future generations.

二零二五年一月四日，「全民減碳大行動－減碳續航禮」於香港隆重舉行，標誌「碳中和宣傳運動」踏入新里程，全民一同為減碳續航。環境及生態局局長謝展寰為續航禮主禮，並於續航禮嘉許17個「全民減碳大行動」重點策略夥伴，表揚他們計劃在營運上推行創新的長遠減碳措施，包括創新節能、智能廚餘處理系統、綠色運輸、推廣減碳教育，積極支持政府於《香港氣候行動藍圖2050》訂下的減碳目標。沛然環保主席及執行董事和環境運動委員會主席及環境及自然保育基金委員會成員郭美珩致歡迎辭時提到，環運會通過各式宣傳渠道推動市民響應源頭減廢、節約能源及綠色出行，以配合政府的《香港氣候行動藍圖2050》的減碳策略。未來環運會將繼續鼓勵全民減碳，建立綠色低碳的生活文化。她呼籲市民一起努力，並感染身邊的親朋好友，「扭轉習慣一齊減碳」，為下一代創造更綠色、更可持續的生活環境。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

ESG Analytics Sustainable Green Finance Technology Symposium *ESG分析及可持續綠色金融技術」論壇*

On 22 January 2025, AEC Group attended a forum organized by the Hong Kong Productivity Council (“HKPC”) and supported by the Greater Bay Area Carbon Neutrality Association (“GBACNA”). The forum was titled “ESG Analytics Sustainable Green Finance Technology Symposium”. The discussion focused on “Leveraging Intelligent Technology – GBA ESG Challenges and Opportunities,” highlighting how smart technology is shaping the future of sustainable development and emphasized the importance of digital transformation for enterprises, providing valuable guidance for promoting corporate sustainability.

二零二五年一月二十二日，沛然環保出席由HKPC生產力局主辦、大灣區碳中和協會(GBACNA)支持的論壇，主題為「ESG分析及可持續綠色金融技術」，就「利用智能科技一大灣區ESG挑戰與機遇」分享了智能技術如何塑造未來的可持續發展，強調數字化轉型對企業的重要性，為推動企業可持續發展提供寶貴的指導與啟示。



Belt and Road Cross-Professional Forum *一帶一路跨專業論壇*

On 24 February 2025, Mr. Dennis Wu, CEO and Executive Director of AEC, spoke at the Belt and Road Cross-Professional Forum during the roundtable discussion titled “Attracting foreign investment and going global” – Hong Kong professional services as a two-way springboard linking the Belt and Road and the Mainland China markets. He emphasized that fostering a green and low-carbon transformation of the economy and society is essential for economic growth. With 30 years of experience as a sustainable development and environmental consultancy based in Hong Kong, AEC is dedicated to promoting green development and innovation. The company actively participates in cross-disciplinary collaborations to facilitate economic transformation under the Belt and Road initiative. He highlighted that Hong Kong has unique advantages in this context and should fully utilize its professional services and support capabilities to target new markets and create fresh green development opportunities with countries involved in the Belt and Road initiative.

二零二五年二月二十四日，沛然環保行政總裁兼執行董事胡伯杰先生出席「一帶一路跨專業論壇」並擔任圓桌討論「引進來、走出去」—香港專業服務成為貫通「一帶一路」和中國內地市場的雙向跳板的演講嘉賓。他表示：促進經濟社會綠色低碳轉型是經濟發展的重要引擎。作為在香港紮根30年的可持續發展及環境顧問公司，沛然環保致力於推動綠色發展和創新，積極參與跨領域合作，助力「一帶一路」倡議下的經濟轉型。他強調，香港在這一戰略中具備獨特優勢，未來應充分發揮其專業服務和配套支援，開拓目標市場，與「一帶一路」沿線國家共創綠色發展新機遇。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Suzhou-Hong Kong Zero Carbon & ESG Industry Exchange

蘇港零碳·ESG產業交流會

On 26 February 2025, Mr. Dennis Wu, CEO and Executive Director of AEC Group, and Ms. Yvonne Lin, Associate Director, were invited to attend the “Suzhou-Hong Kong Zero Carbon & ESG Industry Exchange”. The event was hosted by The Hong Kong and China Gas Company Limited (Towngas) and brought together nearly a hundred representatives from companies committed to ESG principles and promoting sustainable development, as well as professionals from ESG consulting, ratings, and environmental services. Mr. Wu had the honor of delivering a keynote speech titled “How to Align with the Latest International ESG Requirements and Strategize Overseas Development and Collaboration”. He emphasized that ESG has become a critical component of corporate competitiveness amid growing global interest in sustainability. Companies must adapt to evolving international ESG standards by leveraging innovative technologies, green finance, and cross-regional collaboration to achieve their ESG goals and promote sustainable development.

二零二五年二月二十六日，沛然環保行政總裁兼執行董事胡伯杰先生和副董事林宇女士受邀出席由香港中華煤氣有限公司主辦的「蘇港零碳·ESG產業交流會」。此次交流會吸引了近百家踐行ESG理念、推動可持續發展的企業代表，以及ESG諮詢與評級、環境服務等專業機構參加。胡伯杰先生圍繞主題「如何對標最新國際ESG要求，部署海外發展和合作」指出，隨著全球對可持續發展的重視，ESG已成為企業競爭力的核心。企業需緊隨不斷升級的國際ESG標準，運用創新技術、綠色金融和跨區域合作來實現ESG目標，推動可持續發展。他還表示，海外市場不僅是企業擴展業務的機會，更是踐行ESG責任的重要舞台，期望未來能與全球夥伴攜手合作，共同邁向零碳的目標。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Health, Safety & Environment (HSE) Indicators Seminar & Workshop 2025 安全健康及環保指標研討會暨工作坊2025

On 7 March 2025, Ms. Grace Kwok, Chairman and Executive Director of AEC Group, was invited to the “Health, Safety & Environment (HSE) Indicators Seminar & Workshop 2025” as a keynote speaker. Leveraging her profound industry expertise and visionary insights, she delved into sustainable pathways for the construction sector and shared strategies for enhancing environmental performance and safety standards through green building assessment systems. She highlighted the latest advancements in BEAM Plus and updates to environmental regulations, emphasizing that green buildings not only embody environmental stewardship but also serve as critical tools for improving structural safety and occupant well-being. By adopting the BEAM Plus framework, projects can optimize resource efficiency, reduce carbon footprints, and foster healthier environments across design, construction, and operational stages. Ms. Kwok urged the industry to actively embrace green technologies and innovative solutions to advance sustainable projects and contribute to the development of smart, eco-friendly communities.

二零二五年三月七日，沛然環保主席及執行董事郭美珩女士應邀出席「安全健康及環保指標研討會暨工作坊2025」並發表專題演講，以其豐富的行業經驗和前瞻性視野，深入探討建築行業的可持續發展路徑，並分享如何透過綠色建築評估體系提升環境表現和安全標準。她重點介紹了BEAM Plus的最新發展趨勢及環境法規更新，強調綠色建築不僅是環保的體現，更能提升建築安全性和居民健康的重要工具。透過BEAM Plus的評估框架，建築項目可在設計、施工和運營階段全面優化資源使用，減少碳排放，創造更健康、安全的環境。郭女士呼籲業界積極擁抱綠色科技和創新解決方案，推動更多可持續發展項目，為建設智慧綠色社區貢獻力量。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

The Road to 2050: Can Hong Kong Achieve Its Climate Goals? 邁向2050年之路：香港能否實現其氣候目標？

On 14 March 2025, AEC Group fully supports the report titled “The Road to 2050: Can Hong Kong Achieve Its Climate Goals?” released by Civic Exchange. The report urges the Hong Kong government to reassess its Climate Action Blueprint 2050 and recommends introducing interim 2030 climate targets. It emphasizes the need to develop post-2035 strategies to accelerate decarbonization and achieve carbon neutrality by 2050. AEC Group remains committed to partnering with stakeholders to drive climate action and support Hong Kong’s net-zero transition.

二零二五年三月十四日，沛然環保全力支持思匯政策研究所發表的報告《邁向2050年之路：香港能否實現其氣候目標？》。報告重新評估《香港氣候行動藍圖2050》，並提出增訂二零三零年氣候目標的建議，旨在制定二零三五年以後的策略，以加速減碳步伐，力爭在二零五零年前實現碳中和。沛然環保呼籲各界共同關注和行動，期待未來能繼續與各界攜手合作，共同應對氣候變化，為實現碳中和目標貢獻力量。



Iftar dinner hosted by the Consulate General of the UAE 阿聯酋駐香港總領事館開齋晚宴

On 17 March 2025, our Chairman and Executive Director of AEC Group, Grace Kwok, attended the Iftar dinner hosted by the Consulate General of the UAE in the HKSAR. She engaged with political and business leaders from the Middle East, international corporate representatives, and sustainability experts. This event provided a valuable platform for fostering cultural exchange between Hong Kong and the Middle East, aligning with AEC Group’s strategic goal of expanding our presence in the region. The discussion during the event provided valuable insights into the Middle East’s market policies and demand, paving the way for future collaboration.

二零二五年三月十七日，我們的主席及執行董事郭美珩女士出席了由阿聯酋駐香港總領事館舉辦的開齋晚宴，與中東政商領袖、國際企業代表及環保業界精英共聚交流。此次活動促進了香港與中東地區的文化交流，為沛然環保拓展中東市場的戰略提供了寶貴的對話平台。中東市場近年來積極轉型，發展可再生能源與低碳建設，這與沛然環保的發展戰略高度契合。此次交流不僅讓我們深入了解中東地區的市場政策和需求，也為未來的合作奠定了堅實基礎。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

"Boya West Lake Ecological and Environmental Forum" 2025 Q1 Academic Exchange Meeting 博雅西湖生態環境大講堂2025年第一季度學術交流會

On 21 March 2025, our Chairman and Executive Director of AEC Group, Grace Kwok, was honored to attend the "Boya West Lake Ecological and Environmental Forum" 2025 Q1 Academic Exchange Meeting. The forum brought together leading scholars and industry experts from the Guangdong-Hong Kong-Macao Greater Bay Area to engage in discussions on ecological civilization and sustainable development. In her keynote speech, "Environmental Professional Spirit in the Age of Green Economy," Ms. Kwok emphasized that ESG has emerged as a fundamental driver of global economic transformation.

二零二五年三月二十一日，我們的主席及執行董事郭美珩女士前往深圳參加「博雅西湖生態環境大講堂二零二五年第一季度線下學術交流會」。此次交流會彙聚數百位生態環境領域權威專家、政府代表、企業領袖及青年學者，通過線上線下聯動模式，就生態文明建設與可持續發展議題展開深度對話。郭女士以《綠色經濟時代的環境專業精神》為題發表專題演講，深入剖析經濟與生態協同發展的創新路徑，為建設更具彈性的綠色經濟貢獻專業力量。



Strive and Rise Programme 共創明「Teen」計劃

On 22 March 2025, our Chairman and Executive Director of AEC Group, Grace Kwok, was invited to the Chief Secretary's residence to participate in the "Strive and Rise Programme". She joined the third cohort of partners from the program's advisory committee, attracting about 200 attendees from various sectors, to celebrate the program's remarkable achievements. Prior to this, Ms. Kwok was appointed as a "Star Mentor" for the "Strive and Rise Programme," contributing to the sustainable development of the program.

二零二五年三月二十二日，我們主席及執行董事郭美珩女士很榮幸獲邀至政務司司長官邸參加「共創明「Teen」計劃」茶聚，與「共創明「Teen」計劃」第三屆合作夥伴委員會及約200名積極參與「計劃」的各界人士共聚，一同分享「計劃」推行以來取得的豐碩成果。此前，郭美珩女士獲委任為「共創明「Teen」計劃」的「星級導師」，為計劃的可持續發展貢獻力量。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

University Nottingham Malaysia Sharing Session 諾丁漢大學馬來西亞分校分享會

On 3 April 2024, AEC Malaysia shared industry experience on sustainable building practices with civil engineering students at the University of Nottingham Malaysia ("UNM"), fostering knowledge exchange and future industry readiness.

二零二四年四月三日，馬來西亞沛然環保與諾丁漢大學馬來西亞分校(UNM)的土木工程學生分享了可持續建築實務的業界經驗，促進知識交流並助力學生未來進入業界做好準備。



ARCHIDEX 2024

建築、室內設計與建材展覽2024

On 3 July 2024, AEC participated in the 23rd Architecture, Interior Design and Building Exhibition (ARCHIDEX) held at the Kuala Lumpur Convention Centre. In collaboration with our partners, Viro and Townland, we showcased a range of sustainable building materials and innovative solutions. The exhibition provided a valuable platform to highlight our commitment to environmentally responsible design and to engage with industry professionals on advancing sustainable practices in the built environment.

二零二四年七月三日，沛然環保參加了在吉隆坡會議中心舉辦的第23屆建築、室內設計與建材展覽(ARCHIDEX)。我們與合作夥伴Viro及Townland攜手展示多款可持續建築材料及創新解決方案。此次展覽提供了寶貴的平台，使我們得以展現對環保設計的承諾，並與業界專業人士交流，推動建築環境中的可持續實踐。



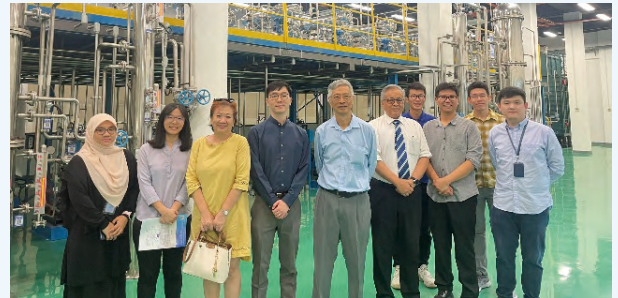
PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Xiamen University Malaysia Industry Advisory Panel Visit 2024 廈門大學馬來西亞分校產業諮詢委員會訪問2024

On 14 August 2024, AEC was honored to be part of Industry Advisory Panel (IAP) visit to Xiamen University Malaysia. Represented by Ir Frank Cheung Siu Ming and his team, AEC shared valuable industry insights on green certification strategies for achieving net-zero targets in industrial park development.

二零二四年八月十四日，沛然環保榮幸成為廈門大學馬來西亞分校產業諮詢委員會(IAP)訪問團的一員。由工程師Ir Frank Cheung Siu Ming及其團隊代表，沛然環保分享了有關綠色認證策略的寶貴業界見解，助力工業園區開發實現淨零排放目標。



MoU signing with University of Nottingham Malaysia 與諾丁漢大學馬來西亞分校簽署合作備忘錄

On 10 December 2024, AEC Malaysia signed a Memorandum of Understanding (MoU) with University of Nottingham Malaysia's Research and Knowledge Exchange Hub to foster collaboration in research, innovation, and knowledge transfer.

二零二四年十二月十日，馬來西亞沛然環保與諾丁漢大學馬來西亞分校的研究與知識交流中心簽署了合作備忘錄(MoU)，以促進在研究、創新及知識轉移方面的合作。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Business Collaboration with Viro

與Viro的業務合作

During the Year, AEC strengthened industry collaboration by partnering with Viro, an Indonesian company specializing in sustainable architectural materials, to advance eco-friendly building material.

沛然環保於本年度與印尼可持續建築材料專業公司Viro合作，進一步深化業界合作，推動環保建築材料的發展。



MoU signing with Global Hemisphere Group Sdn Bhd

與Global Hemisphere Group私人有限公司簽署合作備忘錄

On 19 February 2025, AEC Malaysia signed a Memorandum of Understanding (MoU) with Global Hemisphere Group Sdn Bhd to establish strategic collaboration in technology innovation and digital transformation.

二零二五年二月十九日，馬來西亞沛然環保與Global Hemisphere Group私人有限公司簽署合作備忘錄(MoU)，建立在科技創新與數位轉型方面的策略合作。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Master Builders Association Malaysia Carbon Credit Talk 馬來西亞建築商學會碳權講座

On 20 February 2025, our CEO Dennis Wu delivered a talk on carbon credits and conducted industry training for the Master Builders Association Malaysia ("MBAM"), enhancing awareness and expertise in sustainable building practices.

二零二五年二月二十日，我們的首席執行官－胡伯杰先生為馬來西亞建築商協會(MBAM)進行碳權相關講座及業界培訓，提升對可持續建築實務的認知與專業能力。



ICE Student Chapter Sharing Session ICE Student Chapter知識分享會

AEC is committed to fostering sustainability awareness and professional development within the industry. On 21 February 2025, three of our industry experts participated in a knowledge-sharing session with the ICE Student Chapter. They covered key topics such as sustainability and ESG, real-life applications of green and wellness building practices, and the environmental assessment landscape in Hong Kong.

我們致力於促進業界對可持續發展的認識與專業發展。二零二五年二月二十一日，我們的三位業界專家參與了與ICE Student Chapter的知識分享會。他們探討了多個重要議題，包括可持續發展與ESG、綠色與健康建築實踐的實際應用，以及香港的環境評估現況。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Data Centre Infrastructure Showcase by ENGINEER & MARVEX 2024 資料中心基礎設施展示ENGINEER & MARVEX 2024

Our CEO – Dennis Wu, was invited to joined ENGINEER & MARVEX 2024 ESG Series Power Talk, which addresses integrating ESG Principles in Urban Development and Advancing ESG in the Built Environment. Dennis Wu shared insights on embedding ESG practices and corporate governance to the industry and our ESG platform, Sustainature, showcasing our innovative data collection and analysis capabilities.

我們的首席執行官－胡伯杰先生，受邀參加了ENGINEER & MARVEX 2024 ESG系列「Power Talk」，該活動探討了在城市發展中融入ESG原則以及推動建成環境中的ESG實踐。胡伯杰先生與業界分享了嵌入式ESG實踐和企業治理的見解，並介紹了我們的ESG平台「Sustainature」，展示了我們在數據收集和分析方面的創新能力。



Giving Back to the Community

The Group recognizes the importance of making a positive contribution to the regions in which it operates and regards the interests of the community as one of its social responsibilities. All walks of life matter to AEC. With the use of our knowledge and power, AEC has undertaken various activities to help and give back to the community. AEC actively participates in public welfare activities to raise public awareness of environmental protection and public service initiatives. During the Year, we donated a total of HK\$26,700.

回饋社區

本集團深知對其所在地區做出積極貢獻的重要性，將社區的利益視為其社會責任之一。沛然環保與各行業同心同行，利用了我們的知識和力量，開展了多個活動來幫助和回饋社區。沛然環保積極參與公益活動，致力於增強公眾對環境保護和公益行動的意識。於本年度內，共計捐款26,700港元。

Volunteer at Local Soup Kitchen

參與當地愛心廚房志工活動

AEC Malaysia staff volunteered at The Assembly Soup Kitchen, where they assisted in preparing and packing meals for distribution to those in need. This initiative reflects our ongoing efforts to support vulnerable communities and promote a culture of compassion and service.

馬來西亞沛然環保的員工自願到The Assembly愛心廚房服務，協助烹煮和打包餐點，分送給有需要的人士。此項行動展現了我們持續關懷弱勢社群的承諾，並積極推動關愛與服務的文化。



PARTNERSHIPS TOWARDS NET-ZERO

邁向淨零的夥伴關係

Engineers Without Border Global Citizenship Programme 2024 無國界工程師全球公民計劃2024

From 9–14 June 2024, volunteers from Engineers Without Border (EWB) Hong Kong joined hands with AEC Malaysia and ICE to install two rainwater harvesting systems for the community hall in Kampung Serendah. This collaboration with EWB Hong Kong reflects our shared commitment to sustainable development and empowering local communities.

二零二四年六月九日至十四日，無國界工程師香港分會(EWB)的志工與馬來西亞沛然環保及ICE攜手合作，為Kampung Serendah的社區大廳安裝了兩套雨水收集系統。此次與EWB的合作展現了我們共同對可持續發展的承諾，以及賦能在地社區的目。



"Top Ten" Charity Dinner 「十大義演」慈善晚宴

On 18 October 2024, representatives from AEC Malaysia attended the "Top Ten" Charity Dinner. The event was organized to raise funds for the UTAR Hospital project, committed to supporting financially vulnerable groups. Our participation reflects the company's ongoing commitment to social responsibility and community well-being, aligning with our ESG focus on supporting healthcare accessibility, education, and local community development.

二零二四年十月十八日，馬來西亞沛然環保的代表出席「十大義演」慈善晚宴。該活動旨在為拉曼大學醫院項目籌募資金，為經濟困難群體提供可負擔的醫療服務。本公司透過此次參與，體現了對社會責任與社區福祉的長期承諾，亦符合我們ESG策略中對支持醫療可及性、教育發展及在地社區建設的關注。

LOOKING FORWARD

展望將來

As a sustainability and environmental consulting firm, AEC is committed to building a low-carbon future by deepening professional knowledge, tracking cutting-edge technological trends, and delivering forward-looking and practicable environmental solutions. We collaborate closely with multiple stakeholders to develop comprehensive action plans covering carbon reduction and resource circulation, while promoting the popularization and practice of environmental awareness through corporate culture cultivation and community education. Leveraging advanced technologies such as digital twin and IoT monitoring, we provide end-to-end sustainability strategies from assessment to implementation, ensuring the scientific validity and feasibility of our solutions. In our operations, we adhere to the principles of transparency and accountability, upholding ethical standards and maintaining honest communication with stakeholders. By continuously enhancing service quality and innovative solutions, we strive to set industry benchmarks, drive positive environmental change, and inspire more organizations and individuals to join the sustainability movement, working together to build a healthier and more resilient planet for the future.

作為可持續發展及環境顧問公司，沛然環保以構建低碳未來為願景，通過深化專業知識儲備、追蹤前沿技術趨勢，提供具前瞻性與可操作性的環境解決方案。我們與多方利益相關者緊密合作，制定涵蓋碳減排、資源循環的全面行動計劃，並通過企業文化培育與社區教育，推動環保意識的普及與踐行。運用數字孿生、IoT監測等先進技術，我們提供從評估到實施的全流程可持續發展策略，確保方案的科學性與落地性。在運營過程中，我們恪守透明度與問責制原則，嚴守道德底線並保持與持份者的坦誠溝通。通過持續提升服務品質與創新解決方案，我們力爭成為行業典範，推動積極的環境變革，並激勵更多組織與個人加入可持續發展行列，共同建設更健康、更具韌性的未來地球。



MEMBERSHIPS AND CHARTERS

會籍和憲章

Membership Logo 會籍標識	Membership Name 組織名稱	Organization 組織
 WORLD GREEN BUILDING COUNCIL	World Green Building Council Asia Pacific Net Zero Collaborator 世界綠色建築委員會亞太地區淨零合作夥伴	World Green Building Council 世界綠色建築委員會
 USGBC MEMBER SILVER	Silver Member of U.S. Green Building Council 美國綠色建築委員會銀級會員	U.S. Green Building Council 美國綠色建築委員會
 EDUCATION PARTNER	Education Partner of U.S. Green Building Council 美國綠色建築議會教育合作夥伴	U.S. Green Building Council 美國綠色建築議會
 BRE ACADEMY® BREEAM MEMBER	BRE Academy 英國建築研究院	BRE Academy 英國建築研究院
 HKGBC 香港綠色建築議會 SILVER PATRON	Silver Patron of Hong Kong Green Building Council 香港綠色建築議會銀牌贊助	Hong Kong Green Building Council 香港綠色建築議會
 中國綠色建築與節能(香港)委員會 China Green Building (HK) Council	Corporate Member of China Green Building (Hong Kong) Council 中國綠色建築與節能(香港)委員會公司會員	China Green Building (Hong Kong) Council 中國綠色建築與節能(香港)委員會
 INTERNATIONAL WELL BUILDING INSTITUTE MEMBER CORNERSTONE	Cornerstone Member of International WELL Building Institute 國際WELL建築健康研究院基石級會員	International WELL Building Institute 國際WELL建築健康研究院
 GRI	GRI Community GRI社群	GRI
 GRESB® REAL ESTATE Partner	GRESB Partner 全球房地產可持續標準夥伴	GRESB

MEMBERSHIPS AND CHARTERS

會籍和憲章

Membership Logo 會籍標識	Membership Name 組織名稱	Organization 組織
	Global Scientific & Investor Committee of Carbon Risk Real Estate Monitor (CRREM) 碳風險房地產監測－全球科學與投資者委員會	CRREM
	Hong Kong Green Finance Association 香港綠色金融協會	Hong Kong Green Finance Association 香港綠色金融協會
	General Member of Business Environment Council 商界環保協會企業會員	Business Environment Council 商界環保協會
	The Hong Kong General Chamber of Commerce 香港總商會	The Hong Kong General Chamber of Commerce 香港總商會
	Federation of Hong Kong Industries 香港工業總會	Federation of Hong Kong Industries 香港工業總會
	The Chamber of Hong Kong Listed Companies 香港上市公司商會	The Chamber of Hong Kong Listed Companies 香港上市公司商會
	Hong Kong Investors Relations Association 香港投資者關係協會	Hong Kong Investors Relations Association 香港投資者關係協會
	Hong Kong Alliance of Built Asset & Environment Information Management Associations 香港建設資產及環境信息管理聯盟	Hong Kong Alliance of Built Asset & Environment Information Management Associations 香港建設資產及環境信息管理聯盟
	Corporate Member of China Real Estate Chamber of Commerce Hong Kong and International Chapter Limited 全國工商聯房地產商會香港及國際分會有限公司會員	China Real Estate Chamber of Commerce Hong Kong and International Chapter Limited 全國工商聯房地產商會香港及國際分會有限公司
	Member of Greater Bay Area Carbon Neutrality Association 大灣區碳中和協會會員	Greater Bay Area Carbon Neutrality Association 大灣區碳中和協會
	LEED Proven Provider LEED卓越諮詢供應商	Green Business Certification Inc GBCI綠色商業認證公司

MEMBERSHIPS AND CHARTERS

會籍和憲章

Membership Logo 會籍標識	Membership Name 組織名稱	Organization 組織
	International WELL Building Institute, WELL Enterprise Provider 國際WELL建築研究院WELL機構服務商	International WELL Building Institute 國際健康建築研究所
	Ordinary Membership 普通會員	Environmental, Social and Governance Association of Malaysia 馬來西亞ESG協會
	Associate Member 準會員	Master Builder Association Malaysia 馬來西亞建築商協會
	Industry Partner 行業合作夥伴	Malaysia Green Building Council 馬來西亞綠色建築協會
	Industry Partner 行業合作夥伴	Vietnam Green Building Council 越南綠色建築議會

AWARDS AND RECOGNITIONS

獎項與榮譽

Program 計劃	Award Name 獎項名稱	Organizer 主辦方	Logos/Certificates 標誌／證書
WorldGBC APN Awards – Women in Green Building Leadership Award 世界綠色建築委員會亞太獎 —綠色建築女性領袖獎	Asia Pacific Leadership Awards in Green Building – Woman in Green Building Leadership Award 亞太綠色建築領袖獎 —綠色建築女性領袖獎	WorldGBC 世界綠色建築委員會	
Hong Kong Corporate Governance and ESG Excellence Awards 2024 2024年度香港公司管治與 環境、社會及管治卓越獎	Corporate Governance and ESG Excellence Awards 2024 The Hong Kong Corporate Governance and ESG Excellence Awards 2024 (Others & GEM Companies) 香港公司管治與環境、社會及管治 卓越獎(其他及GEM公司)	The Chamber of Hong Kong listed companies 香港上市公司商會	
TVB ESG Awards 2024 TVB ESG大獎2024	ESG Environmental Innovative Technology Award ESG環境創新科技大獎	TVB 電視廣播有限公司	
Hong Kong Awards for Environmental Excellence 香港環境卓越大獎	Outstanding HKAEE Promotional Partner 傑出推廣夥伴嘉許獎	Environmental Campaign Committee (ECC) alongside the Environment and Ecology Bureau and in conjunction with nine organisations 環境運動委員會 (環運會)聯同環境及 生態局及九個 機構合辦	
Hong Kong Awards for Environmental Excellence 香港環境卓越大獎	Servicing and Trading – Certificate of Merit 服務及貿易業(優異獎)	Environmental Campaign Committee (ECC) alongside the Environment and Ecology Bureau and in conjunction with nine organisations 環境運動委員會 (環運會)聯同環境及 生態局及九個 機構合辦	

AWARDS AND RECOGNITIONS

獎項與榮譽

Program 計劃	Award Name 獎項名稱	Organizer 主辦方	Logos/Certificates 標誌／證書
Hong Kong Awards for Environmental Excellence 香港環境卓越大獎	Hong Kong Green Organisation 香港綠色機構	Environmental Campaign Committee (ECC) alongside the Environment and Ecology Bureau and in conjunction with nine organisations 環境運動委員會 (環運會) 聯同環境及生態局及九個機構合辦	
BOCHK Corporate Environmental Leadership Awards 中銀香港企業環保領先大獎	EcoChallenger 環保優秀企業	Federation of Hong Kong Industries 香港工業總會	
BOCHK Corporate Environmental Leadership Awards 中銀香港企業環保領先大獎	8 Years+ EcoPioneer 8年+環保先驅	Federation of Hong Kong Industries 香港工業總會	
BDO ESG Awards BDO環境、社會及管治大獎	Theme Awards – Merits 主題大獎－優異獎	BDO 立信德豪	
2024 ABCD-GITEX HK Delegation Award 2024 ABCD-GITEX 香港代表團獎	ESG Leader Award ESG領袖獎	Association of ABC Development 創新科技發展協會	
HKIS Awards 2024 香港測量師學會大獎2024	HKIS Awards 2024 香港測量師學會大獎2024	Hong Kong Institute of Surveyors 香港測量師學會	
New Quality Productive Forces (NQPF) Award 2024 大灣區新質生產力企業大獎2024	Green Finance and Environmental Services 綠色金融及環保服務	Sponsored by the Greater Bay Area Family Office Association, the Hong Kong International Family Office Association, etc. 大灣區家族辦公室協會、香港國際家族辦公室總會等聯合主辦	

AWARDS AND RECOGNITIONS

獎項與榮譽

Program 計劃	Award Name 獎項名稱	Organizer 主辦方	Logos/Certificates 標誌／證書
Green Office Awards Labelling Scheme and Eco-Healthy Workplace Award Labelling Scheme (GOALS) 綠色辦公室獎勵計劃及健康工作間獎勵計劃	Green Office Awards Labelling Scheme (GOALS) Eco-Healthy Workplace Award 綠色辦公室獎勵計劃及健康工作間大獎	World Green Organisation 世界綠色組織	 
Hong Kong Green Organisation Certification – Energywi\$e 香港綠色機構認證－節能「良好級別」	Energywi\$e Certificate – Good Level 節能證書－良好級別	Environmental Campaign Committee 環境運動委員會	 節能證書 Energywi\$e —Certificate—
Mental Health Friendly Organisation 精神健康職場約章	Mental Health Friendly Organisation 精神健康職場約章	Occupational Safety and Health Council 職業安全健康局	
Joyful Healthy Workplace Charter 好心情@健康工作間	Joyful Healthy Workplace Charter 好心情@健康工作間	Occupational Safety and Health Council 職業安全健康局	
The Global Women of Influence Award 2024 2024年全球最具影響力女性大獎	The Global Women of Influence Award 2024 2024年全球最具影響力女性大獎	Global Influencers Publishing House	
Chief Happiness Officer Awards 2024 首席快樂官欣賞大獎2024	Company Award 企業大獎	Chief Happiness Officer Association 首席快樂官協會	
13th Junzi Corporation Award 第十三屆君子企業獎 (中小企)	Junzi Corporation Award (Small and Medium Enterprises) 君子企業獎 (中小企)	The Hand Seng University of Hong Kong 香港恆生大學	

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內容索引

Statement of use 使用聲明	Allied Sustainability and Environmental Consultants Group Limited has reported in accordance with the GRI Standards for the Year (from 1 April 2024 to 31 March 2025). 沛然環保環境評估工程顧問有限公司已依循GRI準則報導本年度(二零二四年四月一日至二零二五年三月三十一日)的內容。
GRI 1 used 使用的GRI 1	GRI 1: Foundation 2021 GRI 1：基礎2021
Applicable GRI Sector Standard(s) 適用的GRI行業準則	N/A 不適用

Disclosure of the GRI Standard GRI 準則的披露項目	General Disclosure (“GD”) and Key Performance Indicator (“KPI”) of the Stock Exchange ESG Guide 聯交所ESG 指引一般披露 (「GD」)及關鍵績效指標(「KPI」)	Section/Statement 章節／陳述
GRI 2: General Disclosures 2021 GRI 2：一般披露2021		
Organizational Profile 組織概況		
2-1 Organizational details 組織詳情		Who We Are 公司簡介
2-2 Entities included in the organization’s sustainability reporting 可持續發展報告中包含的實體		Annual Report 2024/25 contains additional information about our principal activities in the sections entitled “Business Review”. 二零二四／二五年報內「業務回顧」的章節中詳述我們的主要活動。
2-3 Reporting period, frequency and contact point 報告期、報告頻率和聯絡人		
2-4 Restatements of information 信息重述		
2-5 External assurance 外界認證		The Group has not sought external assurance for our sustainability report, but the ESG Committee shall consider it for upcoming reports. 本集團並未為我們的可持續發展報告尋求外部鑑證，但ESG委員會將在往後的報告中予以考慮。

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Disclosure of the GRI Standard GRI 準則的披露項目	General Disclosure (“GD”) and Key Performance Indicator (“KPI”) of the Stock Exchange ESG Guide 聯交所ESG 指引一般披露 (「GD」)及關鍵績效指標 (「KPI」)	Section/Statement 章節／陳述
Activities and Workers 活動及員工		
2-6 Activities, value chain and other business relationships 活動、價值鍊和其他業務關係	KPI B5.1	Partnerships Towards Net-Zero 邁向淨零的夥伴關係
2-7 Employees 員工	KPI B1.1	Innovation Drives Team Vitality 創新賦能團隊力
2-8 Workers who are not employees 非僱員的員工		Innovation Drives Team Vitality 創新賦能團隊力
Governance 管治		
2-9 Governance structure and composition 管治架構及組成		Sustainability Governance 可持續發展管治
2-10 Nomination and selection of the highest governance body 最高管治機構的選擇		Sustainability Governance 可持續發展管治
2-11 Chair of the highest governance body 最高管治機構主席		Sustainability Governance 可持續發展管治 Annual Report 2023/2024 – Corporate Governance Report (P.50) 二零二四／二五年報－企業管治報告 (50頁)
2-12 Role of the highest governance body in overseeing the management of impacts 最高管治機構在監督影響管理方面的角色		Sustainability Governance 可持續發展管治 Annual Report 2024/25 – Corporate Governance Report (P.53) 二零二四／二五年報－企業管治報告 (53頁)
2-13 Delegation of responsibility for managing impacts 管理影響的責任授權		Sustainability Governance 可持續發展管治

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Disclosure of the GRI Standard GRI 準則的披露項目	General Disclosure (“GD”) and Key Performance Indicator (“KPI”) of the Stock Exchange ESG Guide 聯交所ESG 指引一般披露 (「GD」)及關鍵績效指標(「KPI」)	Section/Statement 章節／陳述
Governance 管治		
2-14 Role of the highest governance body in sustainability reporting 最高管治機構在可持續性報告中的角色		Sustainability Governance 可持續發展管治
2-15 Conflicts of interest 利益衝突		Corporate Governance 企業管治
2-16 Communication of critical concerns 關鍵問題的溝通		Sustainability Governance 可持續發展管治
2-17 Collective knowledge of the highest governance body 最高管治機構的集體知識		Sustainability Governance 可持續發展管治
2-18 Evaluation of the performance of the highest governance body 最高管治機構績效評價		Annual Report 2024/2025 – Corporate Governance Report (P.50) 二零二四／二五年報－企業管治報告(50頁)
2-19 Remuneration policies 薪酬政策		Innovation Drives Team Vitality 創新賦能團隊力 Annual Report 2024/2025 – Corporate Governance Report (P.17) 二零二四／二五年報－企業管治報告(17頁)
2-20 Process to determine remuneration 薪酬確定的流程		Annual Report 2024/2025 – Employees and Remuneration Policies (P.17) 二零二四／二五年報－員工及薪酬政策(17頁)
2-21 Annual total compensation ratio 年度總薪酬比例		Annual Report 2024/2025 – Notes to the Consolidated Financial Statements (P.108) 二零二四／二五年報－合併財務報表附註(108頁)

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Disclosure of the GRI Standard GRI 準則的披露項目	General Disclosure ("GD") and Key Performance Indicator ("KPI") of the Stock Exchange ESG Guide 聯交所ESG 指引一般披露 ("GD")及關鍵績效指標("KPI")	Section/Statement 章節／陳述
Strategy, Policies and Practices 策略、政策及實踐		
2-22 Statement on sustainable development strategy 可持續發展策略聲明		Foreword 前言 Our Commitments to Sustainability 我們對可持續發展的承諾
2-23 Policy commitments 政策承諾		Our Commitments to Sustainability 我們對可持續發展的承諾
2-24 Embedding policy commitments 嵌入政策承諾		Our Commitments to Sustainability 我們對可持續發展的承諾
2-25 Processes to remediate negative impacts 補救負面影響的流程		ESG Materiality Assessment ESG重要性評估 Stakeholder Engagement 持份者參與
2-26 Mechanisms for seeking advice and raising concerns 尋求建議和提出疑慮的機制		ESG Materiality Assessment ESG重要性評估 Stakeholder Engagement 持份者參與
2-27 Compliance with laws and regulations 遵守法律法規		During the reporting year, the Group has not been subject to significant fines or non-monetary sanctions for non-compliance with such laws or regulations. 本年度內，沛然環保並未發現任何違反該等法律或法規的重大罰款或非金錢制裁。
2-28 Membership associations 會員協會		Memberships and Charters 會籍和憲章 Stakeholder Engagement 持份者參與

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Stakeholder Engagement 持份者參與		
2-29 Approach to stakeholder engagement 持份者參與的方法		Stakeholder Engagement 持份者參與
2-30 Collective bargaining agreements 集體談判協定		During the reporting year, there are no formal collective bargaining agreements in place. 報告範圍內並無正式的集體談判協議。
GRI 3: Material Topics 2021 GRI 3：重大主題2021		
3-1 Process to determine material topics 決定重要議題的過程		ESG Materiality Assessment ESG重要性評估
3-2 List of material topics 重要性議題列表		
201: Economic Performance 2016 201：經濟表現2016		
3-3 The management approach and its components 管理方針及其組成	GD A4	Please refer to our Annual Report 2024/2025. 請參閱我們的二零二四／二五年報。
201-1 Direct economic value generated and distributed 直接產生和分配的經濟價值	KPI B8.2	
201-2 Financial implications and other risks and opportunities due to climate change 氣候變遷所產生的財務影響及其它風險與機會	KPI A4.1	Climate-related Risk Disclosures (TCFD) 與氣候相關的財務信息披露
205: Anti-corruption 2016 205：反貪污2016		
3-3 The management approach and its components 管理方針及其組成	GD B7 KPI B7.2	Corporate Governance 企業管治
205-3 Confirmed incidents of corruption and actions taken 已確認的貪腐事件及採取的行動	KPI B7.1	Corporate Governance 企業管治

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Disclosure of the GRI Standard GRI 準則的披露項目		General Disclosure ("GD") and Key Performance Indicator ("KPI") of the Stock Exchange ESG Guide 聯交所ESG 指引一般披露 ("GD")及關鍵績效指標("KPI")	Section/Statement 章節／陳述
302: Energy 2016 302：能源2016			
3-3	The management approach and its components 管理方針及其組成	GD A2 GD A3	Driving Sustainable Operations 推動可持續營運
302-1	Energy consumption within the organization within the organization 組織內部的能源消耗量	KPI A2.1	Driving Sustainable Operations 推動可持續營運
302-2	Energy consumption outside the organization 組織外部的能源消耗量	KPI A2.1	It is not material to our operations, as AEC is a service-based consultancy that does not rely on energy-intensive operations. 這對我們的營運並不重要，因為沛 然環保是一間顧問公司，不依賴能 源密集型營運。
302-3	Energy intensity 能源密集度	KPI A2.1	Driving Sustainable Operations 推動可持續營運
302-4	Reduction of energy consumption 減少能源消耗	KPI A2.3	Driving Sustainable Operations 推動可持續營運
302-5	Reductions in energy requirements of products and services 降低產品和服務的能源需求	KPI A2.3	It is not material to our operations, as AEC is a service-based consultancy that does not rely on energy-intensive operations. 這對我們的營運並不重要，因為沛 然環保是一間顧問公司，不依賴能 源密集型營運。

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Disclosure of the GRI Standard GRI 準則的披露項目		General Disclosure ("GD") and Key Performance Indicator ("KPI") of the Stock Exchange ESG Guide 聯交所ESG 指引一般披露 (「GD」)及關鍵績效指標(「KPI」)	Section/Statement 章節／陳述
303: Water and Effluents 2018 303：水與放流水2018			
3-3	The management approach and its components 管理方針及其組成	GD A2 GD A3	Driving Sustainable Operations 推動可持續營運
303-1	Interactions with water as a shared resource 共享水資源之相互影響	KPI A2.4	Driving Sustainable Operations 推動可持續營運 AEC did not encounter any issues of sourcing water during the Year. The Group has disclosed the directional target of continuously reducing its water intensity, but it is in the process of developing numerical targets. 沛然環保於本年度沒有遇到任何水源問題。本集團已經披露了持續降低其用水密度的方向性目標，但正在制定數字目標。
305: Emissions 2016 305：排放2016			
3-3	The management approach and its components 管理方針及其組成	GD A1 GD A2 GD A3	Driving Sustainable Operations 推動可持續營運
305-1	Direct (Scope 1) GHG emissions 直接(範疇一)溫室氣體排放	KPI A1.2	Driving Sustainable Operations 推動可持續營運
305-2	Energy indirect (Scope 2) GHG emissions 能源間接(範疇二)溫室氣體排放	KPI A1.2	Driving Sustainable Operations 推動可持續營運
305-3	Other indirect (Scope 3) GHG emissions 其他間接(範疇三)溫室氣體排放	KPI A1.2	Driving Sustainable Operations 推動可持續營運
305-4	GHG emissions intensity 溫室氣體排放密集度	KPI A1.2	Driving Sustainable Operations 推動可持續營運
305-5	Reduction of GHG emissions (Referring to our own office only) 溫室氣體排放減量(僅參考我們的辦公室)	KPI A1.5	Driving Sustainable Operations 推動可持續營運

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305: Emissions 2016 305：排放2016		
305-6 Emissions of ozone-depleting substances (ODS) 破壞臭氧層物質的排放		It is not material to our operations, as AEC is a service-based consultancy that does not rely on energy-intensive operations. 這對我們的營運並不重要，因為沛然環保是一間顧問公司，不依賴能源密集型營運。
305-7 NO _x , SO _x , and other significant air emissions 氮氧化物(NO _x)、硫氧化物(SO _x)，及其他重大的氣體排放	KPI A1.1	Driving Sustainable Operations 推動可持續營運
306: Effluents and Waste 2016 306：廢污水和廢棄物2016		
3-3 The management approach and its components 管理方針及其組成	GD A1 GD A3	Driving Sustainable Operations 推動可持續營運
306-1 Water discharge by quality and destination 按質量和目的地分類的水排放		Due to the Group's business nature, the Group does not generate significant water discharge. 由於本集團的業務性質，並不會產生大量污水。
306-2 Waste by type and disposal method 按類別及處置方法劃分的廢棄物	KPI A1.3 KPI A1.4 KPI A1.6	Driving Sustainable Operations 推動可持續營運 Due to the Group's business nature, the Group does not generate significant hazardous waste. The Group has disclosed the directional target of continuously reducing its waste intensity, but it is in the process of developing numerical targets. 本集團的業務性質並不會產生大量有害廢物。本集團已經披露了持續降低其用廢物密度的方向性目標，但正在制定數字目標。

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306: Effluents and Waste 2016 306：廢污水和廢棄物2016		
306-3 Significant spills 重大洩漏		Due to the Group's business nature, the Group does not generate significant water discharge and hazardous waste. 由於本集團的業務性質，並不會產生大量污水和有害廢物。
306-4 Transport of hazardous waste 有害廢物運輸		Due to the Group's business nature, the Group does not generate significant water discharge and hazardous waste. 由於本集團的業務性質，並不會產生大量污水和有害廢物。
306-5 Water bodies affected by water discharges and/or runoff 受污水和／或徑流影響的水體		Due to the Group's business nature, the Group does not generate significant water discharge and hazardous waste. 由於本集團的業務性質，並不會產生大量污水和有害廢物。
401: Employment 2016 401：勞僱關係2016		
3-3 Management approach 管理方針	GD B1	Innovation Drives Team Vitality 創新賦能團隊力
401-1 New employee hires and employee turnover 新進員工和離職員工	KPI B1.2	Innovation Drives Team Vitality 創新賦能團隊力
401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees 提供給全職員工(不包含臨時或兼職員工)的福利		Innovation Drives Team Vitality 創新賦能團隊力
402-3 Parental Leave 育嬰假		Innovation Drives Team Vitality 創新賦能團隊力

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403: Occupational Health and Safety 2018 403：職業安全衛生2018			
3-3	The management approach and its components 管理方針及其組成	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
403-1	Occupational health and safety management system 職業安全衛生管理系統	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
403-2	Hazard identification, risk assessment, and incident investigation 危害辨識、風險評估、及事故調查	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
403-3	Occupational health services 職業健康服務	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
403-4	Worker participation, consultation, and communication on occupational health and safety 有關職業安全衛生之工作者參與、諮商與溝通	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
403-5	Worker training on occupational health and safety 有關職業安全衛生之工作者訓練	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
403-6	Promotion of worker health 工作者健康促進	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康

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403: Occupational Health and Safety 2018 403：職業安全衛生2018		
403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships 預防和減輕與業務關係直接相關聯之職業安全衛生的衝擊	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
403-8 Workers covered by an occupational health and safety management system 職業安全衛生管理系統所涵蓋之工作者	GD B2 KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
403-9 Work-related injuries 職業傷害	KPI B2.1 KPI B2.2	During the Year, there were no occupational injuries and workrelated fatalities. 本年度內，無工傷及與工作有關的死亡人數
403-10 Work-related ill health 職業病	KPI B2.3	Innovation Drives Team Vitality 創新賦能團隊力 Safeguarding Workforce's Wellness 保障員工健康
404: Training and Education 2016 404：訓練與教育2016		
3-3 The management approach and its components 管理方針及其組成	GD B3	Innovation Drives Team Vitality 創新賦能團隊力
404-1 Average hours of training per year per employee 每名員工每年接受訓練的平均時數	KPI B3.1 KPI B3.2	Innovation Drives Team Vitality 創新賦能團隊力
404-2 Programs for upgrading employee skills and transition assistance programs 提升員工職能及過渡協助方案		Innovation Drives Team Vitality 創新賦能團隊力
404-3 Percentage of employees receiving regular performance and career development reviews 定期接受績效及職業發展檢核的員工百分比		Innovation Drives Team Vitality 創新賦能團隊力

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405: Diversity and Equal Opportunity 2016 405：員工多元化與平等機會2016		
3-3 The management approach and its components 管理方針及其組成	GD B1	Innovation Drives Team Vitality 創新賦能團隊力
405-1 Diversity of governance bodies and employees 管治單位與員工的多元化	KPI B1.1	Innovation Drives Team Vitality 創新賦能團隊力
406: Non-discrimination 2016 406：不歧視2016		
3-3 The management approach and its components 管理方針及其組成	GD B1	Innovation Drives Team Vitality 創新賦能團隊力
406-1 Incidents of discrimination and corrective actions taken 歧視事件及採取的糾正行動	GD B1	Innovation Drives Team Vitality 創新賦能團隊力
408: Child Labor 2016 408：童工2016		
3-3 The management approach and its components 管理方針及其組成	GD B4	Innovation Drives Team Vitality 創新賦能團隊力
408-1 Operations and suppliers at significant risk for incidents of child labor 具有童工勞動事件重大風險的營運點和供應商	KPI B4.1 KPI B4.2	Innovation Drives Team Vitality 創新賦能團隊力
409: Forced or Compulsory Labor 2016 409：強迫或強制勞動2016		
3-3 The management approach and its components 管理方針及其組成	GD B4	Innovation Drives Team Vitality 創新賦能團隊力
409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor 具有強迫或強制勞動事件重大風險的營運點和 供應商	KPI B4.1 KPI B4.2	Innovation Drives Team Vitality 創新賦能團隊力

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413: Local Communities 2016 413：當地社區2016		
3-3 The management approach and its components 管理方針及其組成	GD B8	Innovation Drives Team Vitality 創新賦能團隊力 – Giving Back to the Community 回饋社區
413-1 Operations with local community engagement, impact assessments and development programs 有當地社區參與、影響評估和發展計劃的營運點	KPI B8.1 KPI B8.2	Innovation Drives Team Vitality 創新賦能團隊力 – Giving Back to the Community 回饋社區
414: Supplier Social Assessment 2016 414：供應商社會評估2016		
3-3 The management approach and its components 管理方針及其組成	GD B5	Partnerships Towards Net-Zero 邁向淨零的夥伴關係
414-1 New suppliers that were screened using social criteria 使用社會標準篩選的新供應商	KPI 5.2 KPI 5.3	Partnerships Towards Net-Zero 邁向淨零的夥伴關係
414-2 Negative social impacts in the supply chain and actions taken 供應鏈中的負面社會影響和採取的行動	KPI 5.2 KPI 5.3	Partnerships Towards Net-Zero 邁向淨零的夥伴關係
418: Customer Privacy 2016 418：客戶隱私2016		
3-3 The management approach and its components 管理方針及其組成	GD B6	Partnerships Towards Net-Zero 邁向淨零的夥伴關係
418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data 與侵犯客戶私隱和丟失客戶資料的投訴	KPI B6.5	Partnerships Towards Net-Zero 邁向淨零的夥伴關係

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沛然環保

**ALLIED SUSTAINABILITY AND
ENVIRONMENTAL CONSULTANTS GROUP LIMITED**

沛然環保顧問有限公司

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