

BEAM Plus F&B Stakeholder Engagement Invitation Info

BEAM Society Limited

BEAM Society Limited (BSL) is an independent, non-profit membership organisation established in 2010. BSL is also recognised as a tax-exempt charitable organisation of the Inland Revenue Ordinance (Cap 112) and as a public body under the Prevention of Bribery Ordinance (Cap 201) since 2016. BEAM Society was established in 1996, which was later incorporated in 2010 as BEAM Society Limited. Being the developer and owner of the Building Environmental Assessment Method (BEAM), BSL is committed to administering and developing the BEAM Plus Assessment Tools. BSL offers impartial assessment on building sustainability and build capacity by providing training for BEAM practitioners – BEAM Professionals (BEAM Pro) and BEAM Affiliates.

BEAM Plus

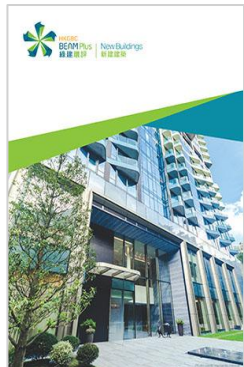
BEAM Plus is tailor-made for the high-rise, high include environment of sub-tropical climate in Hong Kong, which embraces a range of good practices in planning, design, construction, management, operation and maintenance of building, and is aligned with local regulations, standards and codes of practice. BEAM Plus offers a comprehensive set of performance criteria for a wide range of sustainability issues relating to the planning, design, construction, commissioning, fitting out, management, operation and maintenance of a building. BEAM Plus Assessment Tools available include BEAM Plus New Buildings, BEAM Plus Existing Buildings, BEAM Plus Interiors, BEAM Plus Neighbourhood, BEAM Plus Data Centres and BEAM Plus Existing Schools.

BEAM Plus Food & Beverage (F&B)

Hong Kong's thriving F&B sector, blending Cantonese and global flavors, has grown significantly from 8,926 restaurants in 2013 to 12,630 in 2022. However, it contributes heavily to waste, generating 30% of municipal solid waste and increasing carbon emissions. The pandemic worsened this with a surge in disposable packaging. To align with Hong Kong's 2050 carbon neutrality goal, the **BEAM Plus Food & Beverage (F&B)** framework promotes sustainable practices, addressing waste, energy use, and sourcing. This initiative aims to balance economic growth with environmental stewardship, ensuring Hong Kong remains a culinary hub while fostering sustainability.

Tony Ip Green Architects Ltd. (TiP) is appointed by the BEAM Society Limited to conduct the consultancy study and development of environmental assessment method for food and beverages sector – “BEAM Plus F&B Version 1.0.”. TiP partners with **Business Environment Council Ltd.** together with **Arts & Design Consultancy Ltd.** and **Pro-Fit Industrial Co. Ltd.** as a multi-disciplinary consultant team for this study. This study aims to:

- **Motivate Sustainable Practices:** Drive sector-wide adoption of eco-friendly operations to reduce environmental impacts.
- **Provide Guidance:** Deliver a structured, flexible certification framework aligned with global standards and local realities.
- **Streamline Certification:** Ensure simplicity and accessibility for diverse F&B businesses, from street stalls to fine dining.



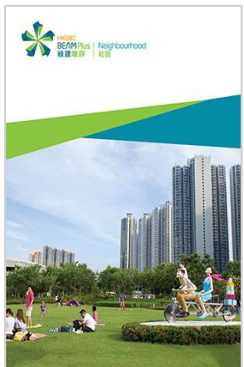
New Buildings



Existing Buildings



Interiors



Neighbourhood



Data Centres



Existing Schools

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Review & Research

The study reviewed 18 global and local sustainability tools, including Michelin Green Star, Food Made Good (UK), Dine Green (US), LEAF (Canada), GRASS (Brazil), and BCA Green Mark (Singapore), together with awarded green restaurants, identifying best practices in energy efficiency, waste reduction, ethical sourcing, and staff engagement.

Key insights include:

- **Operational Focus:** Kitchens and Back of House (BOH) account for ~60% of energy use, necessitating industrial-grade solutions.
- **Consumer Engagement:** Front of House (FOH) strategies like plant-based menus and digital sustainability storytelling enhance brand loyalty.
- **Flexibility:** Hybrid models (holistic + themed certifications) accommodate diverse F&B typologies.

Core Design Concepts of BEAM Plus F&B:

- **User-Centric Approach:** Tailored to Hong Kong's unique challenges (small spaces, high turnover); intuitive interfaces, clear guidance, and pilot testing ensure relevance for operators and professionals.
- **Fast Track Certification:** Simplified processes, automated checklists, and pre-defined criteria reduce administrative burdens; accelerates adoption for time- and budget-constrained businesses.
- **Sustainability Recognition:** Incentivizes practices like waste diversion, renewable energy adoption, and ethical sourcing; aligns with ESG reporting, green finance, and government initiatives to amplify impact.

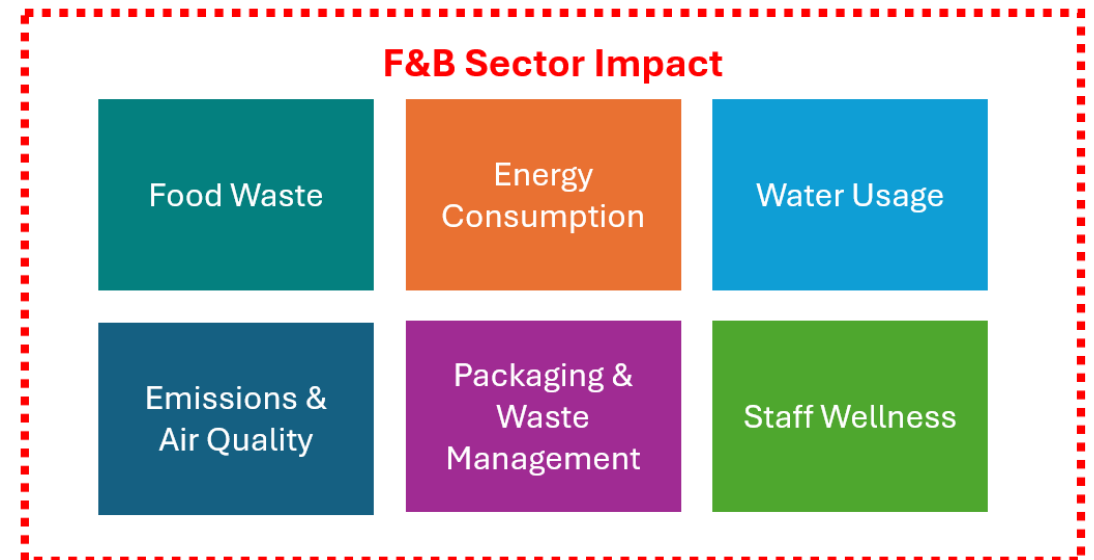
Four guiding questions for developing the BEAM Plus F&B manual:

- (1) What is the **Market Position** of BEAM Plus F&B outstands from other international and local rating tools and award schemes?
- (2) What are **Assessment Aspects** for BEAM Plus F&B?
- (3) What are **Assessment Mechanism** for BEAM Plus F&B?
- (4) What are **Holistic & Themed Certifications** for BEAM Plus F&B?

Stakeholder Engagement

Following the Review and Research Stage, the draft BEAM Plus F&B framework is developed. In this stage, a Stakeholder Engagement Exercise will gather feedback through: **Focus Group Sessions, Engagement Workshops, and Online Survey**. This exercise serves as a collaborative platform for stakeholders to share insights, suggestions, and expertise. Key objectives include:

- **Gathering industry feedback** on the guiding questions and proposed framework.
- **Assessing needs and expectations** for the new tool.
- **Refining the framework** by integrating stakeholder input into the proposed BEAM Plus F&B.



BEAM Plus F&B A dedicated tool for the F&B field will encourage the food industry to participate in various ways to reduce the carbon footprint and waste, and to build a sustainable environment

綠建環評餐飲 (BEAM Plus F&B) 持份者參與邀請函資訊

建築環保評估協會

建築環保評估協會有限公司 (BSL) 是獨立非牟利會員機構，也是根據《香港法例》第112章《稅務條例》獲豁免繳稅的慈善機構，及《香港法例》第201章《防止賄賂條例》界定的公共機構。

建築環保評估協會自1996年創立建築環保評估法 (BEAM) 後，於2010年註冊成為有限公司，並推出BEAM Plus「綠建環評」，一直致力提升及發展建築環評評估方法、評估綠色建築環境並培訓綠建環評從業員。

綠建環評

綠建環評 (BEAM Plus) 是針對香港獨特的亞熱帶氣候、人口及高樓密集的建築環境而設的認證標準，融合建築物規劃、設計、施工、管理、運作及維修方面的一系列良好做法，符合本地法規、標準及行業規範。

綠建環評就建築物在規劃、設計、施工、調試、裝修、管理、運作及維修中各範疇的可持續性，訂立了一套全面的表現準則。提供的綠建環評評估工具包括：綠建環評新建建築、綠建環評既有建築、綠建環評室內建築、綠建環評社區、綠建環評數據中心及綠建環評既有學校。

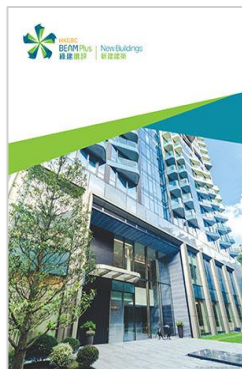
綠建環評餐飲

香港餐飲業作為中西美食薈萃的國際都會標誌，其規模從2013年的8,926間餐廳擴展至2022年的12,630間，展現強勁增長動能。然而，這蓬勃發展的背後隱藏著嚴峻的環境代價：該行業不僅貢獻全港30%的都市固體廢物量，其碳排放足跡更持續攀升，而疫情期間外賣需求暴漲更導致一次性包裝廢物激增，凸顯轉型可持續營運模式的迫切性。

為響應香港2050碳中和藍圖，建築環保評估協會委任**葉頌文環保建築師事務所有限公司 (Tip)** 統籌開發「BEAM Plus餐飲業(F&B) 1.0版」評估體系。此項目的跨專業顧問團隊陣容強大，匯聚**商界環保協會有限公司**在政策研究、**雅仕顧問有限公司**在空間規劃，以及**寶發實業有限公司**在設備節能等領域的專長，確保評估工具兼具專業性與實用價值。

計劃三大核心目標:

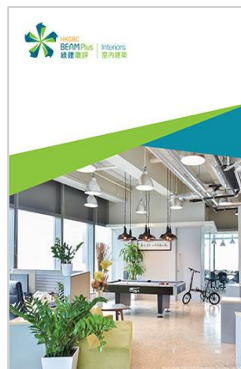
- **推動可持續實踐:** 促進行業廣泛採用環保營運模式，以及減少餐飲業環境足跡
- **提供專業指引:** 建立符合國際標準與本地實際情況的認證框架，涵蓋能源使用、廢物管理及食材採購等關鍵範疇
- **簡化認證流程:** 設計適用性高的評估系統，服務對象涵蓋大排檔至高端餐廳等各類型餐飲企業



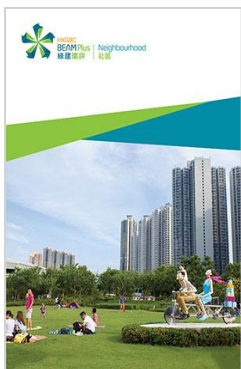
新建建築



既有建築



室內建築



社區



數據中心



既有學校

綠建環評餐飲 (BEAM Plus F&B) 持份者參與邀請函資訊

審核和研究

該研究評估了18個全球和本地永續發展工具，包括米芝蓮綠星認證、英國Food Made Good認證、美國Dine Green認證、加拿大LEAF認證、巴西GRASS認證和新加坡BCA綠色標誌認證，以及獲獎的綠色餐廳，從而識別出在能源效率、減少浪費、道德採購和員工敬業度方面的最佳實踐。

關鍵洞察包括：

- **營運重點**：廚房和後勤部門 (BOH) 的能源消耗約佔60%，因此需要工業級解決方案。
- **消費者參與**：前廳 (FOH) 策略，例如植物基菜單和數位化永續發展故事，可提升品牌忠誠度。
- **靈活性**：混合模式 (整體+主題認證) 可適應多樣化的餐飲類型。

綠建環評餐飲認證的核心設計概念：

- **以使用者為中心的方法**：針對香港獨特的挑戰 (空間狹小、人員流動率高) 量身定制；直覺的介面、清晰的指南和試點測試確保其對運營商和專業人士的實用性。
- **快速通道認證**：簡化流程、自動化清單和預定義標準，減輕行政負擔；加快時間和預算受限企業的採用。
- **永續認可**：激勵廢棄物轉化、再生能源採用和道德採購等實踐；與 ESG 報告、綠色金融和政府措施保持一致，以擴大影響力。

制定綠建環評餐飲手冊的四個指導性問題：

- (1) 綠建環評餐飲相對於其他國際及本地評等工具及獎項計畫的**市場定位**如何？
- (2) 綠建環評餐飲的**評估內容**有哪些？
- (3) 綠建環評餐飲的**評估機制**是什麼？
- (4) BEAM綠建環評餐飲的**整體認證和主題認證**是什麼？

持份者參與

審核與研究階段結束後，綠建環評餐飲框架草案將得以擬定。在此階段，**持份者參與活動**將透過以下方式收集回饋：焦點小組會議、參與研討會和線上調查。該活動將為持份者提供一個協作平台，分享見解、建議和專業知識。主要目標包括：

- 收集行業對指導性問題和建議框架的回饋。
- 評估新工具的**需求和期望**。
- 透過將持份者的意見，**完善擬議的綠建環評餐飲框架**。



綠建環評餐飲 這項專為餐飲領域設計的工具，將鼓勵食品產業透過多元參與方式減少碳足跡與廢棄物，共建可持續環境