

主辦機構  
Organiser:



合作伙伴  
Collaborative Partner :



School of Energy and Environment

香港城市大學  
City University of Hong Kong

# 「碳中和進展與挑戰」業界調查

## Carbon Neutrality Progress and Challenges Industry Survey





香港特別行政區政府致力於 2050 年前實現碳中和，並在《香港氣候行動藍圖 2050》中提出具前瞻性和針對性的減碳策略，以應對全球氣候變化挑戰，同時確保香港持續發展。為響應政府的願景，香港生產力促進局（生產力局）亦訂下了 2040 年達致碳中和的目標。實現碳中和有賴各界攜手，當中企業的角色尤其重要；為全面了解企業的減碳進程和正面對的挑戰，生產力局與香港城市大學能源及環境學院合作，針對工商界及建築物相關業界（包括大型企業／機構及中小企），於 2022 年 10 月至 12 月進行調查，共獲得 122 家企業／機構回覆，當中 49% 為大型企業／機構，51% 為中小企。調查結果如下：

## 受訪企業／機構的碳中和現況

- 72% 表示不熟悉碳中和，對《香港氣候行動藍圖 2050》及科學基礎目標倡議（SBTi）等欠缺認識
- 66% 未曾進行過碳審計及沒有定期評估其溫室氣體排放
- 81% 尚未就實踐碳中和訂立完整目標，在其餘 19% 已訂立目標的企業／機構當中，少於一半在設定目標時有參考國際標準（43%）或涵蓋供應鏈的溫室氣體排放（48%）

## 影響企業／機構制訂碳中和目標與減碳措施的因素

已訂立／正在訂立目標的企業／機構所指出的驅動因素包括：

- 90% 認為能夠提升品牌形象、名聲及競爭力，是推動訂立目標的主要原因
- 48% 基於規管要求
- 44% 為滿足客戶要求

尚未訂立目標的企業／機構所指出的缺乏目標設定的因素包括：

- 76% 礙於缺乏外部支持
- 73% 認為尚未與其運作相關
- 71% 因相關意識或認知不足

與此同時，雖然 88% 會因合作伙伴的要求或鼓勵而實施「碳中和」相關的舉措，然而卻有約 45% 認為它們缺乏充足的資源或管治架構來推行減碳措施。



## 企業 / 機構邁向碳中和的三大挑戰

- 低碳的作業模式成本較高
- 財務資本需求較高
- 缺乏消費者及客戶的需求

## 企業 / 機構對實現碳中和的需求

- 資金 / 資助支援 ( 78% )
- 技術支援：
  - 碳中和評估工具 ( 62% )
  - 培訓 ( 54% )
  - 顧問服務 ( 52% )
  - 綠色技術 ( 49% )

生產力局深明業界所需，致力提供相應支援，協助業界制定務實的減排策略和措施，攜手為實現「碳中和」做好準備，措施包括：

- 研發碳評估工具
- 提供更多能力提升和相關顧問服務
- 推廣和研發低碳技術
- 為行業提供技術支援以尋求政府或其他相關資助



The HKSAR Government is committed to achieving carbon neutrality before 2050. It has proposed forward-looking and targeted decarbonisation strategies in the “Hong Kong’s Climate Action Plan 2050” to address this global climate challenge while ensuring Hong Kong’s sustainable development. To echo the Government’s vision, the Hong Kong Productivity Council (HKPC) has committed to achieving carbon neutrality by 2040. However, realising carbon neutrality is an immense undertaking that requires the involvement of all stakeholders. To gain a comprehensive understanding of the progress and obstacles that businesses face in decarbonising, HKPC, in collaboration with the School of Energy and Environment of the City University of Hong Kong, conducted a survey from October to December 2022, targeting the commercial & industry and building related sectors, including both large corporations/organisations, and small and medium enterprises (SMEs). The survey received 122 responses, 49% of which were from large corporations/organisations, and 51% from SMEs. The survey results are outlined below:

### **Respondents’ Current State in Carbon Neutrality**

- 72% were not familiar with Carbon Neutrality, and lack awareness of the “Hong Kong Climate Action Plan 2050” or the Science-Based Targets initiative (SBTi)
- 66% had yet to conduct carbon audits and regularly assess their corporations’/organisations’ greenhouse gas emissions
- 81% had not set a complete targets for achieving carbon neutrality and of the remaining 19% that had set targets, less than half had referenced international standards (43%) or covered greenhouse gas emissions in their supply chain (48%) when setting their targets

### **Factors that Affect Corporations/Organisations to Set Carbon Neutrality Targets and Implement Carbon Reduction Measures**

Drivers indicated by corporations/organisations that have set or are in the process of setting targets are:

- 90% believed that improving brand image, reputation and competitiveness are the main reasons for setting targets
- 48% for regulatory requirements
- 44% for meeting customer demands

Factors behind the lack of target-setting indicated by corporations/organisations that have not set targets are:

- 76% due to lack of external support
- 73% considered irrelevant to their business operations
- 71% due to insufficient awareness or knowledge

Meanwhile, although 88% would implement carbon neutrality-related measures due to requests or encouragement from business partners, approximately 45% believed that they lacked sufficient resources or governance structures to implement carbon reduction measures.



### **Three Major Challenges They Face in Moving Towards Carbon Neutrality**

- Low carbon business model costs more
- Higher financial capital requirements
- Lack of consumer and customer demand

### **Needs of Corporations/Organisations in Achieving Carbon Neutrality**

- Financial/funding support (78%)
- Technical support
  - Carbon neutrality assessment tools (62%)
  - Training (54%)
  - Consultancy services (52%)
  - Green technologies(49%)

HKPC understands the needs of industries and is committed to providing the necessary support to assist corporations/organisations in formulating practical emission reduction strategies and measures, and to jointly prepare for achieving carbon neutrality. Measures include:

1. Developing carbon assessment tools;
2. Promoting and deploying low carbon technologies;
3. Providing capacity building and consultancy services; and
4. Offering technical support to seek Government/related funding