

Data Application in Sustainable Carbon Management

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While 2050 Net-Zero carbon emission has become a global awareness, Taiwan's environmental goal is as well aligned. With the EU launching CBAM in 2023, Japan raising a reduction from 23% to 46% before 2030, Taiwan imposing carbon fees in 2024, and the requirement of all listed companies to provide full reports on GHG emission, the "Game of Carbon" is right on the corner. Are listed companies in Taiwan ready to face the challenge of detailed evaluation?

Combogic Tech. focuses on crafting solutions for value-chain carbon emission management, especially on vehicles. With the application of data analytic tools such as Carbon High-resolution AI-analysis Platform on Vehicle (CHAP-V), we provide higher accuracy data than the current evaluation program, also AI-driven insight on making effective reduction plans. Our mission is to comb data with science and solve with logic, thus assisting ESG enterprises in solving major carbon management issues.

In this talk, we introduce sustainability frameworks such as ESG and SDGs, the main obstacles in carbon management strategy, and its data-driven solution, which Combogic Tech. provides.

永續碳管理數據應用

Wei-Ming Li

櫛構科技

2050 淨零碳排不僅是全世界各國目標，也是臺灣的目標。歐盟將於 2023 年執行碳關稅；日本規劃 2030 年前減碳比例從 23% 提高至 46%；台灣也將《溫管法》修正草案擬修正目標為 2050 年溫室氣體淨零排放。2024 年臺灣預計徵收碳費；2029 年所有上市櫃公司需完成盤查與驗證。「碳賽局」即將開打，訂定精確減碳計畫的挑戰，正步步逼近！各公司是否已經進入備戰狀態來應因此課題？

櫛構科技 (Combogic Tech.) 專注於提供碳排放全生命週期中運具解決方案。透過高解析碳數據 AI 分析平台 (CHAP) 協助企業獲得運具移動軌跡趨勢，以 AI 精確分析運具排碳因子，制定碳減量計畫 - 以科技梳理結構，以邏輯解決問題。協助減碳企業在碳盤查與碳減量上無痛連接資訊斷點。

本次演講將介紹 ESG 與聯合國永續目標 SDGs，以及全球碳排的面臨重大碳管理有效性痛點。最後，將介紹櫛構科技將如何透過數據科學協助企業完成碳盤查與減量。