生物多樣性足跡計算與生物多樣性額度之策略分析

Analysis of Biodiversity Footprint Calculation and Biodiversity Credit Strategy

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摘　要

本研究在探討生物多樣性足跡的計算方法學，並通過實際案例分析以驗證其應用效果。生物多樣性足跡是衡量企業活動對生物多樣性影響的量化指標，本研究選擇科技業作為案例進行足跡計算，並將生物多樣性額度的納入策略分析。生物多樣性額度目前尚無統一的生物多樣性額度計算方法學，因此本研究將探討並評估各種現有的方法，以期提出可以實際於企業應用的策略。

透過對科技業的具體案例進行生物多樣性足跡計算，並結合生物多樣性額度策略，提供企業在減少生物多樣性影響方面的具體建議。本研究的結果將為企業提供一個系統化的方法來評估和管理其生物多樣性足跡，並透過生物多樣性額度的應用來實現生物多樣性保護和永續發展。

關鍵詞：生物多樣性足跡，生物多樣性額度，生命週期評估，生物多樣性策略分析，永續發展

Abstract

This study explores the methodology for calculating biodiversity footprints and validates its application through case analysis. Biodiversity footprint is a quantitative indicator used to measure the impact of corporate activities on biodiversity. This study selects the technology industry as a case for footprint calculation and incorporates biodiversity credits into the strategy analysis. Currently, there is no unified methodology for calculating biodiversity credits. Therefore, this study will explore and evaluate various existing methods to propose a practical strategy for corporate application.

Through the calculation of biodiversity footprints in specific cases within the technology industry and the integration of biodiversity credit strategies, this study provides concrete recommendations for companies to reduce their impact on biodiversity. The results of this study will offer companies a systematic approach to assess and manage their biodiversity footprints and achieve biodiversity conservation and sustainable development through the application of biodiversity credits.

Keywords: Biodiversity footprint, Biodiversity credit, Life cycle assessment, Biodiversity strategy analysis, Sustainable development.