

原物料採購管理政策 Raw Material Sourcing Policy

一、 政策目的 Policy Purpose

為落實環境保護與永續發展，強化供應鏈管理及提升公司競爭力，明基材料股份有限公司訂定本責任原物料採購管理政策。透過負責任的原物料採購、推動循環經濟、降低產品碳排放及保護生物多樣性，來達到減輕對環境及生態影響之目的，善盡企業對於環境維護之責任。

To fulfill environmental protection and sustainable development, strengthen supply chain management, and enhance corporate competitiveness, BenQ Materials Corporation (hereinafter referred to as “the Company”) establishes this Responsible Raw Material Sourcing Management Policy. Through responsible sourcing of raw materials, promotion of circular economy practices, reduction of product carbon emissions, and protection of biodiversity, the Company aims to mitigate environmental and ecological impacts and fulfill its corporate responsibility for environmental stewardship.

二、 適用範圍 Scope of Application

本政策適用範圍包括明基材料、其全球持股超過50%具營運控制權的子公司、上游供應商及其他夥伴共同遵守此原則。

This policy applies to BenQ Materials, its global subsidiaries in which it holds more than 50% of shares with operational control, as well as its upstream suppliers and other partners, all of whom are expected to adhere to these principles.

三、 政策承諾 Policy Commitment

明基材料承諾，於採購原物料過程中，遵循以下國際規範及原則：

- 《經濟合作與發展組織跨國企業行為指南》（OECD Guidelines for Multinational Enterprises）
- 《國際勞工組織公約》（International Labour Organization, ILO Conventions）
- 《聯合國全球契約》（United Nations Global Compact, UNGC）

此外，明基材料支持《責任礦產計劃》（Responsible Minerals Initiative, RMI），並致力確保礦產來源符合責任採購及道德標準，堅守環境保護、人權尊重、公平競爭及供應鏈盡職調查等核心價值。

BenQ Materials commits to adhering to the following international guidelines and principles in its raw material sourcing processes:

- OECD Guidelines for Multinational Enterprises
- International Labour Organization (ILO) Conventions
- United Nations Global Compact (UNGC)

In addition, the Company supports the Responsible Minerals Initiative (RMI) and is dedicated to ensuring that the sources of minerals comply with responsible sourcing standards and ethical practices, upholding core values including environmental protection, respect for human rights, fair competition, and supply chain due diligence.

四、管理原則與措施 **Management Principles and Measures**

● 循環經濟與低碳材料使用

- 1.推動低碳產品設計及製程之循環經濟概念，降低對原生原物料的依賴。
- 2.優先選用對環境、社會衝擊較低的低碳原物料。
- 3.提升材料利用率，減少製程中產生之廢棄物。

● 全生命週期思維

- 1.將生命週期評估（LCA）導入產品設計、原物料選用及採購流程。
- 2.定期評估各產品及主要原物料對環境之影響，包括碳足跡、水足跡及其他環境衝擊。
- 3.以評估結果作為產品研發、採購決策及碳排放減量策略之依據。

● 負責任採購與供應鏈管理

- 1.不接受來自武裝衝突、非法採礦或嚴重侵害人權之區域（Conflict-Affected and High-Risk Areas, CAHRAs）所開採之礦產。
- 2.要求供應商遵循《責任礦產保證流程》（Responsible Minerals Assurance Process, RMAP），提供下列金屬之來源與冶煉廠資訊：鉭（Ta）、錫（Sn）、鎢（W）、金（Au）、鈷（Co）、雲母（Mica）、鋁（Al）、銦（In）、鋰（Li）、鎳（Ni）、銀（Ag）、鉻（Cr）、銅（Cu）、鉑（Pt）、錳（Mn）、碲（Te）、鋅（Zn）、鉍（Bi）、石墨（Graphite）或其他礦產。
- 3.落實供應鏈盡職調查，並持續強化供應商稽核制度。若供應商使用再生料，應提供第三方驗證文件（例如 Recycled Claim Standard, RCS；Global Recycled Standard, GRS）。
- 4.與關鍵原物料供應商進行直接對話和議價，確保供應鏈的穩定性與永續性。
- 5.建立持續監控機制，定期評估原物料的性能和供應商的永續表現。

- **生物多樣性保護**

- 1.於知情情況之下，避免使用來自全球或國家重要生物多樣性敏感區的原材料。
- 2.持續追蹤國際間對生物多樣性保護相關法規與標準之變化。

- **Circular Economy and Use of Low-Carbon Materials**

- Promote the concept of circular economy in low-carbon product design and manufacturing processes to reduce reliance on virgin raw materials.
- Prioritize the selection of low-carbon raw materials that have lower environmental and social impacts.
- Enhance material utilization efficiency and reduce waste generated during manufacturing processes.

- **Life Cycle Assessment**

- Incorporate Life Cycle Assessment (LCA) into product design, raw material selection, and sourcing processes.
- Regularly assess the environmental impacts of products and key raw materials, including carbon footprint, water footprint, and other environmental impacts.
- Utilize the assessment results as a basis for product development decisions, sourcing strategies, and carbon reduction initiatives.

- **Responsible Sourcing and Supply Chain Management**

- Prohibit the sourcing of minerals from regions affected by armed conflicts, illegal mining activities, or severe human rights violations (Conflict-Affected and High-Risk Areas, CAHRAs).
- Require suppliers to comply with the Responsible Minerals Assurance Process (RMAP) and provide information on the origin and smelters/refiners of the following metals: Tantalum (Ta), Tin (Sn), Tungsten (W), Gold (Au), Cobalt (Co), Mica, Aluminum (Al), Indium (In), Lithium (Li), Nickel (Ni), Silver (Ag), Chromium (Cr), Copper (Cu), Platinum (Pt), Manganese (Mn), Tellurium (Te), Zinc (Zn), Bismuth (Bi), Graphite, or other relevant minerals.
- Conduct supply chain due diligence and continuously strengthen supplier audit and management mechanisms. Suppliers providing recycled materials are required to submit third-party certification documents (e.g., Recycled Claim Standard, RCS; Global Recycled Standard, GRS).

- Engage in direct dialogue and negotiations with key raw material suppliers to ensure supply chain stability and sustainability.
- Establish ongoing monitoring mechanisms to regularly evaluate the performance of raw materials and the sustainability performance of suppliers.

● **Biodiversity Protection**

- Avoid, to the extent possible and based on available information, the use of raw materials sourced from globally or nationally significant biodiversity-sensitive areas.
- Continuously monitor changes in international regulations and standards related to biodiversity protection and adjust sourcing strategies accordingly.

五、 第三方驗證及資料透明

Third-Party Verification and Transparency

明基材料重視供應鏈的透明度及追溯性，鼓勵並要求供應商針對永續原物料提供第三方驗證文件。特別是涉及再生材料、衝突礦產或生物多樣性敏感區之原物料，供應商須提出足以佐證來源與合規性的相關資料。

BenQ Materials places high importance on supply chain transparency and traceability. The Company encourages and requires suppliers to provide third-party verification documents for sustainable raw materials. In particular, suppliers must provide sufficient supporting evidence for the origin and compliance of raw materials involving recycled content, conflict minerals, or biodiversity-sensitive areas.

六、 目標管理與定期揭露 Target Management and Disclosure

明基材料已制定明確的永續原物料年度管理目標（KPI），包括：

- 至 2030 年，非醫療事業單位所採用低碳材料機種佔比達 70%。
- 既有產品至 2030 年較基準年碳排放降低 55%。

相關管理進度及成果，將定期揭露於年度永續報告書或其他對外公開文件中，以強化資訊透明度並回應利害關係人關注。

本政策將根據國際標準和行業發展每年進行審查，以確保其持續適應性和有效性。

BenQ Materials has established clear annual Key Performance Indicators (KPIs) for sustainable raw material management, including:

- Achieving a 70% adoption rate of low-carbon material models in non-medical business units by 2030.
- Reducing carbon emissions of existing products by 55% by 2030 compared to the baseline year.

The Company will regularly disclose the progress and outcomes of these management targets in its annual sustainability report or other publicly available documents to enhance transparency and address stakeholder concerns.

董事長兼執行長 Chairman and Chief Executive Officer

