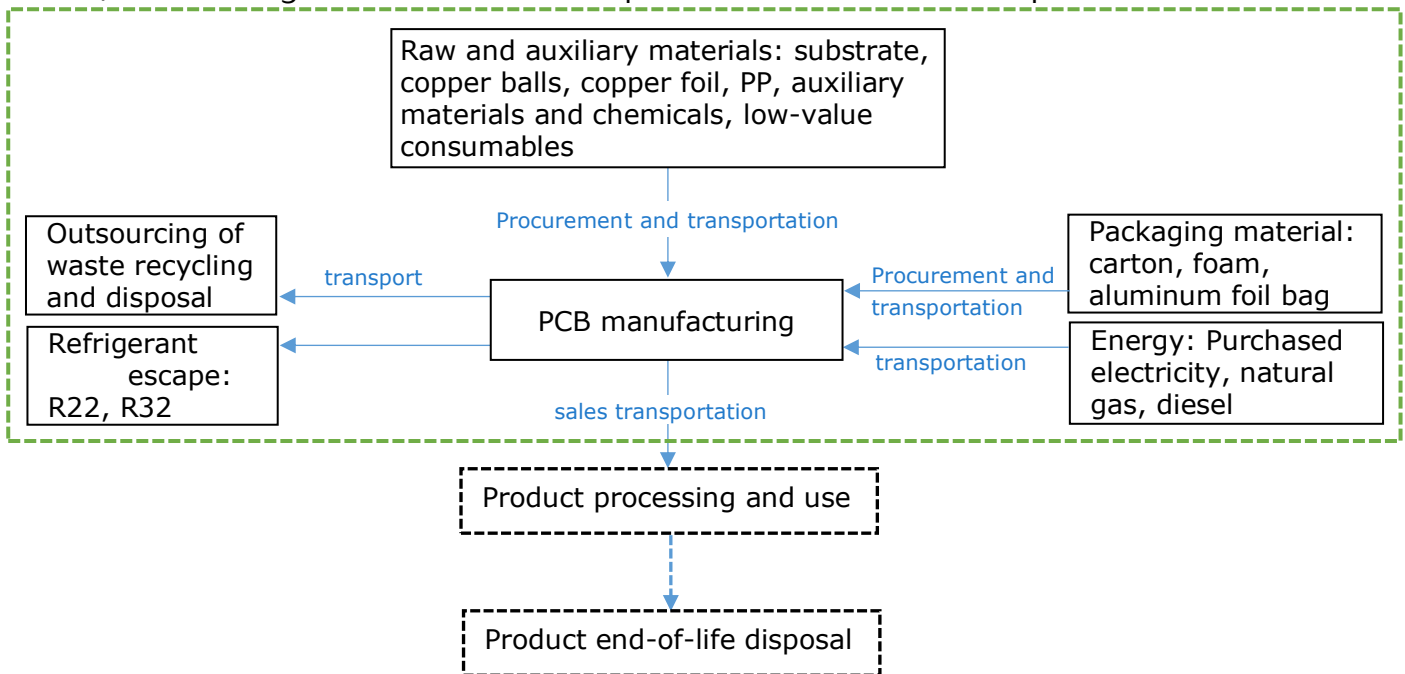


The purpose of product life cycle analysis is to comprehensively assess the overall environmental impact of PCB products throughout their entire life cycle “from cradle to gate” (from raw material acquisition, manufacturing, to distribution). This includes quantifying the environmental effects generated at each stage, such as greenhouse gas emissions, energy consumption, resource usage, and pollution generation. The goal is to understand the environmental footprint of the products and, based on the assessment, drive product innovation and optimize production processes to reduce resource consumption and pollution emissions, thereby promoting sustainable development and a green economy.

Covers the life cycle of products or services “from cradle to gate,” including raw material acquisition, design, manufacturing, and transportation/distribution. This assessment aims to quantify and evaluate the inputs (e.g., energy, materials) and outputs (e.g., pollutants, waste) at each stage to understand their potential environmental impacts.



In 2024, Dynamic developed a lifecycle assessment management method in accordance with the ISO 14040 and 14044 lifecycle assessment standards, initially conducting a simplified lifecycle assessment on automotive products. The carbon footprint of the target products was obtained through calculations performed using the company's own analysis platform. Currently, a total of 135 product parts have been analyzed, accounting for **8.82%** of Dynamic's total revenue.

By 2025, Dynamic will further refine its assessment process and complete at least one Full LCA analysis on a product. In addition to training colleagues across multiple plants through educational training and seminars, Dynamic will continue to strengthen its product lifecycle assessment knowledge and capabilities. Dynamic will also select some material numbers for third-party verification to validate the data quality of its in-house analysis platform.