IBIMA Publishing Communications of International Proceedings https://ibimapublishing.com/p-articles/43MGT/2024/4340124/ Vol. 2024 (5), Article ID 4340124

Improving Logistics Processes Using Lean Management Concept: A Case Study*

Natalia PAWLAK and Natalia GIBUS

Poznan University of Technology, Faculty of Engineering Management, Poznan, Poland

Correspondence should be addressed to: Natalia PAWLAK, natalia.pawlak@put.poznan.pl

* Presented at the 43th IBIMA International Conference, 26-27 June 2024, Madrid, Spain.

Abstract

Lean Management in logistics is an approach aimed at streamlining processes, increasing efficiency, and reducing waste. The article presents the benefits and challenges of implementing Lean Management in logistics, focusing on methods such as 5S, standardization, and Kaizen. Through a case study of Prime Auto Parts¹ company, specializing in the distribution of automotive parts, the real effects of implementing these methods are shown. The results included a reduction in order picking time, a decrease in errors, increased employee engagement, and the promotion of a culture of continuous improvement. Thanks to Lean Management, Prime Auto Parts company reduced operating costs, improved service quality, and increased customer satisfaction. The article emphasizes that implementing Lean Management in logistics is an investment that brings tangible benefits in both the short and long term.

Keywords: Lean Management, logistics, continuous improvement