



Supply Chain Optimisation: Making Manufacturing More Sustainable

November 2023

INTRODUCTION

Scope

Key findings

Sustainability is among the top priorities for companies globally

External pressures and internal motivations drive investment in sustainability

SUSTAINABILITY IN MANUFACTURING

Manufacturing sector contributes significantly to the global emissions and waste

Manufacturing sustainability index: Measuring manufacturing sector's environmental impact

Energy-intensive manufacturing sectors have the highest impact on environment

High use of energy, water and chemicals hurts sustainability of B2B sectors

Companies focus on cost-efficient solutions and product changes to improve sustainability

FOUR STRATEGIES TO IMPROVE SUSTAINABILITY

Key strategies for manufacturers to improve sustainability

Digital strategies are top priority for companies and can help to improve sustainability

Case study: SABIC uses blockchain to reduce emissions

Production localisation and alternative modes of transport can reduce environmental impact

Case study: Delfzijl chemicals cluster helps to reduce environmental impact

More efficient transportation network offers cost savings and lower emissions

Case study: MAN Truck & Bus offers digital tools for clients to improve fleet management

Sustainable automation helps to do more with the same resources

Case study: Volvo and Fanuc deploy new industrial robots

OVERCOMING THE CHALLENGES

Consumer unwillingness to pay more and internal challenges hinder sustainability initiatives

Improved communication can help to improve consumer trust

Financial problems is the main internal issue hindering sustainability initiatives

Greater collaboration can help to create common vision on sustainability goals

Collaboration within the company and small-scale changes reduce financial uncertainty

CONCLUSION

Key findings

Sustainable Manufacturing: How to win

Evolution of sustainable manufacturing

Questions we are asking

APPENDIX

Indicators used in Manufacturing Sustainability Index

Manufacturing Sustainability Index: results

About Euromonitor International

Euromonitor International is an independent market intelligence provider. Data, insight and analysis stem from in-the-field research spanning 210 national markets.

Content ranges from the in-depth and country-specific, to key strategic themes with a global range and significance. Products cover a comprehensive range of insights and market data, but can be broadly categorised as:

- **Strategy Briefings:** Global or regional in scope, and focussing on the most important themes shaping consumer demand, the key markets, competitive environment and future outlook across a range of industries.
- **Company Profiles:** Analysis dedicated to the world's most significant companies, with detailed insight into their activities, focus of operations, their competitors, their geographic presence and performance.

- **Country Reports:** For an in-depth understanding of specific countries, whether by industry, economic metrics or consumer trends and lifestyles. These reports cover current trends, consumer demand, market potential and future prospects, with country-specific local insight and comprehensive data, unavailable elsewhere.

For more information on this report, further enquiries can be directed via this link www.euromonitor.com/supply-chain-optimisation-making-manufacturing-more-sustainable/report.