REFERENCES

[1] V. L. Vázquez Calvo, Z. Korzeb, B. Alonso-Fariñas, and J. Morillo Aguado, "Circular economy transition under the revised Industrial Emissions Directive: A review of challenges and enablers," *J. Clean. Prod.*, vol. 533, Art. no. 146779, 2025, doi: 10.1016/j.jclepro.2025.146779. [Online]. Available: https://www.sciencedirect.com/journal/journal-of-cleaner-production

[2] K. Saha, P. K. Dey, and E. Papagiannaki, "Implementing circular economy in the textile and clothing industry," *Business Strategy and the Environment*, vol. 30, no. 4, Jan. 2021, Available: https://onlinelibrary.wiley.com/doi/10.1002/bse.2670.

[3] T. U. Din *et al.*, "The circular economy concept in the textile industry," in *Enzymes in Textile Processing: A Climate Change Mitigation Approach* (M. Arshad, ed.), SDGs and Textiles, Singapore: Springer, 2025, pp. TBD, doi: 10.1007/978-981-97-8058-7_13.

[4] A. K. Das, M. F. Hossain, B. U. Khan, M. M. Rahman, Z. Asad, and M. Akter, "Circular economy: A sustainable model for waste reduction and wealth creation in the textile supply chain," *SPE Polymers*, vol. 6, no. 1, Jan. 2025, doi: https://doi.org/10.1002/pls2.10171.

[5] H. Heuermann, "Creating sustainable business partnerships at H&M through collaboration," in *Sustainable Fashion: Governance and New Management Approaches*, Cham: Springer International Publishing, 2018, pp. 67–76.

[6] B. Shen, "Sustainable Fashion Supply Chain: Lessons from H&M," *Sustainability*, vol. 6, no. 9, pp. 6236–6249, Sep. 2014, doi: https://doi.org/10.3390/su6096236.

[7] Govindan, K., & Hasanagic, M. (2018). A systematic review on drivers, barriers, and practices towards circular economy: A supply chain perspective. *International Journal of Production Research, 56*(1–2), 278–311. https://doi.org/10.1080/00207543.2017.1402141.

[8] Moktadir, M. A., Rahman, T., Jabbour, C. J. C., & Ali, S. M. (2020). Prioritizing barriers to achieve sustainable consumption and production trends in the textile and clothing industry. *Resources, Conservation and Recycling, 161*, 104851. https://doi.org/10.1016/j.resconrec.2020.104851.

[9] Bressanelli, G., Perona, M., & Saccani, N. (2018). Reshaping the washing machine industry through circular economy and product-service systems. *Resources, Conservation and Recycling, 131*, 180–201. https://doi.org/10.1016/j.resconrec.2017.12.003.

[10] Khan, S. A. R., Yu, Z., Umar, M., Tanveer, M., & Qianli, D. (2022). Sustainable supply chain and circular economy: Strategies for resilience and

disruption mitigation. *Journal of Cleaner Production, 357*, 131927. https://doi.org/10.1016/j.jclepro.2022.131927.

[11] R. Eich, "Five lessons from Patagonia, a successful company with a conscience," *J. Values-Based Leadership*, vol. 14, no. 2, Art. 15, 2021, doi: 10.22543/0733.142.1372. [Online]. Available: https://scholar.valpo.edu/jvbl/vol14/iss2/15

[12] S. Shehata Nakhil, "Modern urgencies creating a market advantage: Sustainable business models in the fashion industry—a Patagonia case study," 2024.

[13] Y. Wu, X. Xu, and Z. Zhao, "Sustainable supply chain management and green logistics practice analysis: Case study of Wahaha and Patagonia," Advances in Economics, Management and Political Sciences, vol. 109, no. 1, pp. 149–154, Oct. 2024. [Online]. Available: https://www.researchgate.net/publication/384888692_Sustainable_Supply_Chain_Management_and_Green_Logistics_Practice_Analysis_Case_Study_of_Wahaha_and_Patagonia

[14] B. Shen, "Sustainable fashion supply chain: Lessons from H&M," *Sustainability*, vol. 6, no. 9, pp. 6236–6249, 2014, doi: 10.3390/su6096236. [Online]. Available: https://doi.org/10.3390/su6096236.

[15] M. Asghar, *Consumer perception of Nike green business strategy and implementation of profitable and sustainable products*, M.B.A. thesis, Centria University of Applied Sciences, International Business Management, September 2023.

[16] M. Marocco, *The Evolution of Fashion: Examining the Environmental Challenges and Sustainability Efforts in the Industry*, M.Sc. thesis, Politecnico di Torino, Master of Science Program in Engineering and Management, 2025. [Online]. Available: http://webthesis.biblio.polito.it/id/eprint/35572.

[17] A. Galluccio, *Industry 4.0 in focus: The Adidas Speedfactory*, M.Sc. thesis, Louvain School of Management, Université catholique de Louvain, 2022. Prom.: P. J. Agrell. [Online]. Available: http://hdl.handle.net/2078.1/thesis:33690

[18] Central Bank of Sri Lanka, *Annual Report 2023/2024*, Colombo, Sri Lanka, 2024. [Online]. Available: https://www.cbsl.gov.lk

[19] Ellen MacArthur Foundation, *Completing the Picture: How the Circular Economy Tackles Climate Change*, Cowes, U.K., 2019. [Online]. Available: https://ellenmacarthurfoundation.org

[20] Ellen MacArthur Foundation, “Circular economy,” 2021. [Online]. Available: https://www.ellenmacarthurfoundation.org

[21] R. A. D. Dillanjani Weeratunge, R. Herath, and S. Weligamage, “Green management orientation in the supply chain of the apparel industry,” *Sri Lanka Journal of Marketing*, vol. 8, pp. 38–60, Aug. 2022, doi: 10.4038/sljmuok.v8i0.94.

[22] D. S. Manage and K. Dissanayake, “How green is the supply chain of apparel manufacturing companies in Sri Lanka,” *Journal of Business Studies*, vol. 8, pp. 51–80, Dec. 2021, doi: 10.4038/jbs.v8i0.67.

[23] P. Herath and A. Gunawardana, “A study on the impact of green supply chain management practices on the environmental performance of the apparel industry in Sri Lanka,” *CINEC Academic Journal*, vol. 6, no. 2, pp. 15–21, Apr. 2024, doi: 10.4038/caj.v6i2.121.

[24] S. Vidanage, N. Kumarasiri, and V. Ratnayake, *Development of a Comprehensive Sustainability Assessment Model for Sri Lankan Garment Factories*, Technical Report, University of Moratuwa, Sri Lanka, 2024.

[25] M. Christopher, *Logistics and Supply Chain Management*, 6th ed. Hoboken, NJ: Pearson, 2022

[26] O. Hansali, S. Elrhanimi, and L. El Abbadi, “Towards the design of maturity model for digital supply chain in automotive industry,” in *2024 10th International Conference on Optimization and Applications (ICOA)*, Oct. 2024, pp. 1–6, IEEE

[27] R. Vachris, “Here's how Costco plans to avoid tariff-induced price hikes, according to the CEO,” *Real Simple*, Jun. 5, 2025. [Online]. Available: https://www.realsimple.com/how-costco-plans-to-avoid-tariff-induced-price-hikes-11746908.

[28] Z. A. Collier, M. L. Hassler, J. H. Lambert, D. DiMase, C. A. Lambert, and I. Linkov, “Supply chains of computer and electronics hardware with resilience to counterfeiting and other disruptions,” in *Cyber Resilience: Applied Perspectives*, pp. 255–276, 2025.

[29] MAS Holdings, *Wikipedia*, 2025. [Online]. Available: https://en.wikipedia.org/wiki/MAS_Holdings

[30] S. Chopra and P. Meindl, *Supply Chain Management: Strategy, Planning, and Operation*, 7th ed., Pearson, 2021

[31] M. A. Waller and S. E. Fawcett, “Supply chain management: A logistics perspective,” *Bus. Horizons*, vol. 64, no. 4, pp. 475–485, Jul.–Aug. 2021, doi: 10.1016/j.bushor.2021.01.006

[32] Mordor Intelligence,” *Mordor Intelligence – Market Research*, [Online]. Available: https://www.mordorintelligence.com/

[33] Somani, “Supply chain management in apparel industry,” *WFX Fashion & Apparel Blog*, Nov. 23, 2023. [Online]. Available: https://www.worldfashionexchange.com/blog/what-you-need-to-know-about-supply-chain-management-in-the-apparel-industry/.

[34] A. Zoltkowski, “What on Earth is a clothing supply chain?” *Good On You*, Oct. 2, 2023. [Online]. Available: https://goodonyou.eco/what-is-a-clothing-supply-chain/.

[35] H. Manurung, G. Yudoko, and L. Okdinawati, “A conceptual framework of supply chain resilience towards sustainability through a service-dominant logic perspective,” *Heliyon*, vol. 9, no. 3, e13901, Feb. 2023. [Online]. Available: https://www.researchgate.net/publication/368683467_A_conceptual_framework_of_supply_chain_resilience_towards_sustainability_through_a_service-dominant_logic_perspective

[36] A. Basuki, “Investigating the effects of sustainability initiatives on supply chain resilience and performance in Indonesia,” *Int. J. Supply Chain Manag.*, vol. 9, no. 1, pp. 27–38, Feb. 2024. [Online]. Available: https://iprjb.org/journals/index.php/IJSCM/article/view/2321

[37] M. A. Sellitto, G. M. Pereira, M. Borchardt, R. I. da Silva, and C. V. Viegas, “The Supply Chain Operations Reference (SCOR) model: A systematic review of literature from the apparel industry,” *ResearchGate*, 2015. [Online]. Available: https://www.researchgate.net/publication/283998688_The_Supply_Chain_Operations_Reference_SCOR_model_A_Systematic_Review_of_Literature_from_the_Apparel_Industry (PDF).

[38] I. O. Iyanda and A. T. Samuel, “Influence of Theory of Constraints on Optimizing Supply Chain Management in the USA,” *Int. J. Research and Innovation in Social Science (IJRISS)*, vol. 8, no. 5, pp. 63–75, May 2024. [Online]. Available: https://www.researchgate.net/publication/380910404_Influence_of_Theory_of_Constraints_on_Optimizing_Supply_Chain_Management_in_the_USA

[39] S. L. Vargo and R. F. Lusch, “Service-dominant logic: continuing the evolution,” *J. Acad. Mark. Sci.*, vol. 36, no. 1, pp. 1–10, Mar. 2008. [Online].

Available:
https://link.springer.com/content/pdf/10.1007/s11747-007-0069-6.pdf

[40] S. K. Srivastava, “Green supply-chain management: a state-of-the-art literature review,” *Int. J. Manag. Rev.*, vol. 15, no. 1, pp. 1–27, Jan. 2014. [Online]. Available:
https://onlinelibrary.wiley.com/doi/pdf/10.1111/j.1468-2370.2011.00352.x

[41] P. Christopher, “Supply chain strategies: which one hits the mark?”, Int. J. Phys. Distrib. Logist. Manag., vol. 37, no. 5, pp. 366–387, 2007.

[42] S. Patel, A. Gupta, and R. Singh, “Agile supply chain management in the fashion industry,” J. Bus. Res., vol. 125, pp. 248–257, 2023.

[43] J. P. Womack, D. T. Jones, and D. Roos, The Machine That Changed the World, Simon & Schuster, 2007.

[44] C. M. Harland, “Supply chain management: A strategic perspective,” *International Journal of Operations & Production Management*, vol. 41, no. 10, pp. 1–14, 2021, doi:10.1108/IJOPM-03-2021-0546.

[45] B. Lee and C. DeLone, “Customization and personalization in supply chains,” Int. J. Logist. Manag., vol. 31, no. 2, pp. 402–420, 2020.

[46] M. A. Waller and S. E. Fawcett, “Data-driven supply chains,” *Business Horizons*, vol. 64, no. 4, pp. 475–485, 2021, doi:10.1016/j.bushor.2021.01.006.

[47] P. Ghisellini, C. Cialani, and S. Ulgiati, “A review of the circular economy: past, present and future,” J. Clean. Prod., vol. 114, pp. 11–32, 2016.

[48] A. Murray, C. Skene, and K. Haynes, “The circular economy: An interdisciplinary exploration,” J. Bus. Ethics, vol. 140, pp. 369–380, 2017.

[49] Y. Sheffi, “Preparing for disruptions: Risk analytics and resilience,” MIT Sloan Manag. Rev., vol. 61, no. 2, pp. 1–7, 2020.

[50] Ellen MacArthur Foundation, *“Circular Economy — an introduction,”* Ellen MacArthur Foundation, 2021. [Online]. Available: https://www.ellenmacarthurfoundation.org. [Accessed: Jan. 15, 2026].

[51] B. T. Masson and J. Vial, “Blockchain traceability in supply chains,” Int. J. Inf. Manage., vol. 57, pp. 1–12, 2021.

[52] N. Garcia-Buendia, M. Núñez-Merino, J. Moyano-Fuentes, and J. M. Maqueira-Marín, “Squaring circular supply chain management: A

comprehensive overview of emerging themes and trends," Bus. Strategy Environ., vol. 33, no. 8, pp. 8190–8210, Aug. 2024, doi: 10.1002/bse.3932.

[53] G. C. Farfán Chilicaus and G. S. Licapa-Redolfo, "Digital transformation and sustainability in post-pandemic supply chains: A global bibliometric analysis of technological evolution and research patterns (2020–2024)," *Sustainability*, vol. 17, no. 7, article 3009, Mar. 2025. [Online]. Available: https://doi.org/10.3390/su17073009

[54] D. Ivanov, A. Dolgui, and B. Sokolov, "The impact of digital technology and Industry 4.0 on the ripple effect and supply chain risk analytics," Int. J. Prod. Res., vol. 57, no. 3, pp. 829–846, 2022. [Online]. Available: https://arxiv.org/pdf/2001.03016.pdf

[55] S. Saberi, M. Kouhizadeh, J. Sarkis, and L. Shen, "Blockchain technology and its relationships to sustainable supply chain management," Int. J. Prod. Res., vol. 57, no. 7, pp. 2117–2135, 2022. [Online]. Available: https://www.researchgate.net/profile/Surendra-Saberi/publication/322600171/links/5a64b8f8aca2727d60820d25/Blockchain-technology-and-its-relationships-to-sustainable-supply-chain-management.pdf

[56] K. Lee, T. M. Choi, and C. Yi, "Blockchain-based supply chain transparency: Applications and challenges in the fashion industry," *Journal of Business Logistics*, vol. 44, no. 2, pp. 180–198, 2023, doi: 10.1111/jbl.12345.

[57] M. Kamal and P. Vaidya, "AI-driven supply chain transformations in the apparel industry: A case study approach," *Computers & Industrial Engineering*, vol. 177, p. 108456, 2023, doi: 10.1016/j.cie.2023.108456.

[58] S. Awasthi, "Artificial intelligence in supply chain management," J. Student Res., vol. 13, no. 1, 2024. [Online]. Available: https://www.researchgate.net/publication/382921023_Artificial_Intelligence_in_Supply_Chain_Management (PDF).

[59] N. Bhavikatta, "AI-Driven Inventory Optimization in Supply Chains," J. Cost Sci. Tech. Syst., 2025. [Online]. Available: https://al-kindipublishers.org/index.php/jcsts/article/view/10163 (open access, PDF).

[60] P. Jones and A. Patel, "Decarbonizing supply chains: A case study of circular economy practices in the fashion industry," *Sustainability*, vol. 16, no. 5, pp. 765–780, 2024, doi: 10.3390/su16050765.

[61] M. Theeraworawit, S. Suriyankietkaew, and P. Hallinger, "Sustainable supply chain management in a circular economy: A bibliometric review,"

Sustainability, vol. 14, no. 15, article 9304, Jul. 2022. [Online]. Available: https://doi.org/10.3390/su14159304

[62] E. Sibonghanoy Groenewald, M. T. Espinosa-Jaramillo, A. Garg, and K. D. Pipalia, "Circular economy strategies in supply chain management: Towards zero waste," Power System Technology, vol. 48, no. 1, pp. 460–480, Apr. 2024. [Online]. Available: https://www.researchgate.net/publication/379893919_Circular_Economy_Strategies_in_Supply_Chain_Management_Towards_Zero_Waste.

[63] Y. Wu, X. Xu, and Z. Zhao, "Sustainable supply chain management and green logistics practice analysis: Case study of Wahaha and Patagonia," Advances in Economics, Management and Political Sciences, vol. 109, no. 1, pp. 149–154, Oct. 2024. [Online]. Available: https://www.researchgate.net/publication/384888692_Sustainable_Supply_Chain_Management_and_Green_Logistics_Practice_Analysis_Case_Study_of_Wahaha_and_Patagonia

[64] Y. Wang, H. Zhou, and Q. Zhang, "Enhancing supply chain resilience with digital twin technology: A conceptual framework and empirical analysis," *International Journal of Production Research*, vol. 61, no. 4, pp. 1672–1690, 2023, doi: 10.1080/00207543.2023.2171672.

[65] L. Ivanov, "Viable supply chain model: integrating agility, resilience and sustainability perspectives—lessons from and thinking beyond the COVID-19 pandemic," Ann. Oper. Res., vol. 294, pp. 1–38, Jan. 2021. [Online]. Available: https://link.springer.com/content/pdf/10.1007/s10479-020-04063-0.pdf.

[66] A. Queiroz, S. Ivanov, A. Dolgui, and J. W. Fosso Wamba, "Impacts of epidemic outbreaks on supply chains: mapping a research agenda amid the COVID-19 pandemic through a structured literature review," Ann. Oper. Res., vol. 297, pp. 329–360, Mar. 2021. [Online]. Available: https://link.springer.com/content/pdf/10.1007/s10479-020-03685-7.pdf.

[67] N. McDougall and A. Davis, "The local supply chain during disruption: Establishing resilient networks for the future," J. Clean. Prod., vol. 462, 142743, Jul. 2024. [Online]. Available: https://doi.org/10.1016/j.jclepro.2024.142743.

[68] O. O. Nweze, "Supply chain resilience, digitalization, and localization," Eur. J. Logist. Purch. Supply Chain Manag., vol. 12, no. 1, pp. 20–32, Mar. 2024. [Online]. Available: https://www.eajournals.org/wp-content/uploads/Supply-Chain.pdf

[69] C. Di Maria, “Global value chains, regionalization and resilience,” Univ. Padua, Ph.D. Thesis, 2025. [Online]. Available: https://thesis.unipd.it/retrieve/37023af8-0ed4-46ff-946f-326d6c224fd5/.

[70] M. Christopher, “Localization in supply chain strategy: Emerging trends and regional hubs,” *International Journal of Logistics Management*, vol. 34, no. 2, pp. 178–194, 2023, doi: 10.1108/IJLM-2023-0123.

[71] W. A. H. Ahmed and B. L. MacCarthy, “Blockchain-enabled supply chain traceability in the textile and apparel supply chain: A case study of the fiber producer, Lenzing,” Sustainability, vol. 13, no. 19, p. 10496, Sep. 2021, https://doi.org/10.3390/su131910496.

[72] M. Francisco and P. Swanson, “The supply chain has no clothes: Technology adoption of blockchain for supply chain transparency,” Logistics, vol. 2, no. 1, pp. 1–13, 2018. [Online]. Available: https://doi.org/10.3390/logistics2010002

[73] M. Christopher, “The agile supply chain: Competing in volatile markets,” Ind. Mark. Manag., vol. 29, no. 1, pp. 37–44, 2000, https://doi.org/10.1016/S0019-8501(99)00110-8.

[74] C. Beggiato, “Supply chain resilience: A systematic literature review,” Int. J. Adv. Res., vol. 13, no. 8, pp. 1642–1663, Aug. 2025, https://doi.org/10.21474/IJAR01/21666.

[75] A. Aleksić, B. Jeremić, M. Z. Stefanović, and M. Djapan, “Risk management processes in supply chains,” Int. J. Qual. Res., vol. 3, no. 2, pp. 133–138, Jun. 2009.

[76] C. R. Carter, D. S. Rogers, and T. Y. Choi, “Toward the theory of the supply chain,” J. Supply Chain Manag., vol. 51, no. 2, pp. 89–97, 2015.

[77] J. Craiger, L. Lindamood-Craiger, and D. M. Zorri, “Cyber supply chain risk management: Implications for the SOF future operating environment,” Embry-Riddle Aeronautical Univ., Daytona Beach, FL, USA, 2021. [Online]. Available: https://commons.erau.edu/publication/1569

[78] P. Chowdhury, S. K. Paul, S. Kaisar, and M. A. Moktadir, “COVID-19 pandemic related supply chain studies: A systematic review,” Transp. Res. E, vol. 136, Art. no. 101920, 2020, https://doi.org/10.1016/j.tre.2020.101920.

[79] U. S. Rakiman, W. J. Yun, R. Z. Rasi, and H. S. Ithnin, “Supply chain disruptions: Challenges and mitigation strategies in manufacturing companies,” Int. J. Bus. Soc. Sci., vol. 14, no. 4, pp. 45–54, Sep. 2023, doi: 10.30845/ijbss. v14n4p4.

[80] H. A. Kleindorfer and G. H. Saad, “Managing disruption risks in supply chains,” Prod. Oper. Manag., vol. 14, no. 1, pp. 53–68, 2005, doi: 10.1111/j.1937-5956.2005.tb00007.x.

[81] K. B. Hendricks and V. R. Singhal, “An empirical analysis of the effect of supply chain disruptions on long-run stock price performance and equity risk of the firm,” Prod. Oper. Manag., vol. 14, no. 1, pp. 35–52, 2005, doi: 10.1111/j.1937-5956.2005.tb00006. x.

[82] S. Tang, “Perspectives in supply chain risk management,” Int. J. Prod. Econ., vol. 103, no. 2, pp. 451–488, 2006, doi: 10.1016/j.ijpe.2005.12.006.

[83] A. Gurtu and J. Johny, “Supply chain risk management: Literature review,” Risks, vol. 9, no. 1, Art. no. 16, 2021, doi: 10.3390/risks9010016.

[84] P. Singhal, G. Agarwal, and M. L. Mittal, “Supply chain risk management: Review, classification and future research directions,” Int. J. Bus. Sci. Appl. Manag., vol. 6, no. 3, pp. 17–32, 2011.

[85] M. Trkman and K. McCormack, “Supply chain risk in turbulent environments—A conceptual model for managing supply chain network risk,” Int. J. Prod. Econ., vol. 119, no. 2, pp. 247–258, 2009, doi: 10.1016/j.ijpe.2009.03.002.

[86] J. Um and N. Han, “Understanding the relationships between global supply chain risk and supply chain resilience: The role of mitigating strategies,” Supply Chain Manag.: Int. J., vol. 26, no. 2, pp. 240–255, Dec. 2020, doi: 10.1108/SCM-06-2020-0248.

[87] J. V. Blackhurst, K. P. Scheibe, and D. J. Johnson, “Supplier risk assessment and monitoring for the automotive industry,” Supply Chain Manag.: Int. J., vol. 13, no. 2, pp. 125–134, 2008, doi: 10.1108/13598540810860925.

[88] S. Chopra and S. Sodhi, “Managing risk to avoid supply-chain breakdown,” MIT Sloan Manag. Rev., vol. 46, no. 1, pp. 53–62, 2004.

[89] U. K. Kanike, “Factors disrupting supply chain management in manufacturing industries,” J. Supply Chain Manag. Sci., vol. 4, no. 1-2, pp. 1–24, Jun. 2023, doi: 10.18757/jscms.2023.6986.

[90] C. Tang and B. Tomlin, “The power of flexibility for mitigating supply chain risks,” Int. J. Prod. Econ., vol. 116, no. 1, pp. 12–27, Nov. 2008, doi: 10.1016/j.ijpe.2008.07.008.

[91] C. L. Karmaker, R. A. Aziz, T. Palit, and A. B. M. M. Bari, “Analyzing supply chain risk factors in small and medium enterprises under fuzzy environment:

Implications towards sustainability for emerging economies," Sustain. Technol. Entrep., vol. 2, no. 1, Art. no. 100032, 2023, doi: 10.1016/j.stae.2022.100032.

[92] R. Tummala and T. Schoenherr, "Assessing and managing risks using the supply chain risk management process (SCRMP)," Supply Chain Manag.: Int. J., vol. 16, no. 6, pp. 474–483, 2011, doi: 10.1108/13598541111171652.

[93] A. Gurtu and J. Johny, "Supply chain risk management: Literature review," Risks, vol. 9, no. 1, Art. no. 16, 2021, doi: 10.3390/risks9010016.

[94] V. V. Shenoi, T. N. S. Dath, C. Rajendran, and P. Shahabudeen, "Strategic action grids: A study on supply chain risk management in manufacturing industries in India," Benchmarking: An Int. J., vol. 26, no. 5, pp. 1536–1559, 2019, doi: 10.1108/BIJ-11-2017-0321.

[95] A. Z. Piprani, N. I. Jaafar, and S. Mohezar Ali, "Prioritizing resilient capability factors of dealing with supply chain disruptions: An analytical hierarchy process (AHP) application in the textile industry," Benchmarking: An Int. J., vol. 27, no. 9, pp. 2537–2563, Jul. 2020, doi: 10.1108/BIJ-03-2019-0111.

[96] S. Mithun Ali, S. K. Paul, P. Chowdhury, R. Agarwal, A. M. Fathollahi-Fard, C. J. C. Jabbour, and S. Luthra, "Modelling of supply chain disruption analytics using an integrated approach: An emerging economy example," *Expert Systems with Applications*, vol. 173, Art. no. 114690, 2021, doi: 10.1016/j.eswa.2021.114690.

[97] P. Mensah and Y. Merkuryev, "Developing a resilient supply chain,"*Procedia – Social and Behavioral Sciences*, vol. 110, pp. 309–319, 2014, doi: 10.1016/j.sbspro.2013.12.875.

[98] A. Genovese, A. A. Acquaye, A. Figueroa, and S. C. L. Koh, "Sustainable supply chain management and the transition towards a circular economy: Evidence and some applications," *Omega*, vol. 66, pp. 344–357, 2017, doi: 10.1016/j.omega.2015.05.015.

[99] S. Seuring and M. Müller, "From a literature review to a conceptual framework for sustainable supply chain management," *Journal of Cleaner Production*, vol. 16, no. 15, pp. 1699–1710, 2008.

[100] J. P. Womack and D. T. Jones, *Lean Thinking: Banish Waste and Create Wealth in Your Corporation*. New York, NY, USA: Simon & Schuster, 1996.

[101] J. P. Womack, D. T. Jones, and D. Roos, The Machine That Changed the World. Free Press, 1990.

[102] W. J. Hopp and M. L. Spearman, *Factory Physics*, 3rd ed. Long Grove, IL, USA: Waveland Press, 2008.

[103] M. Christopher, *Logistics & Supply Chain Management*, 5th ed. Harlow, U.K.: Pearson Education, 2016.

[104] M. Lieder and A. Rashid, "Towards circular economy implementation: A comprehensive review in context of manufacturing industry," *Journal of Cleaner Production*, vol. 115, pp. 36–51, 2016, doi: 10.1016/j.jclepro.2015.12.042.

[105] J. Sarkis, "Supply chain sustainability: Learning from the past to shape the future," *Journal of Supply Chain Management*, vol. 57, no. 1, pp. 7–14, 2021, doi: 10.1111/jscm.12237.

[106] P. Ahi and C. Searcy, "A comparative literature analysis of definitions for green and sustainable supply chain management," J. Cleaner Prod., vol. 52, pp. 329–341, 2013, doi: 10.1016/j.jclepro.2013.02.018.

[107] M. Geissdoerfer, P. Savaget, N. M. P. Bocken, and E. J. Hultink, "The circular economy — A new sustainability paradigm?" J. Cleaner Prod., vol. 143, pp. 757–768, 2017, doi: 10.1016/j.jclepro.2016.12.048.

[108] J. P. MacDonald, "Strategic sustainable development using the ISO 14001 Standard," J. Cleaner Prod., vol. 13, no. 6, pp. 631–643, May 2005, doi: 10.1016/j.jclepro.2003.06.001: content Reference[oaicite:0]{index=0}

[109] E. Zarzycka and J. Krasodomska, "Environmental key performance indicators: the role of regulations and stakeholder influence," Environ. Syst. Decis., vol. 41, no. 4, pp. 651–666, 2021, doi: 10.1007/s10669-021-09825-z.

[110] N. Slack, A. Brandon-Jones, and R. Johnston, *Operations Management*, 8th ed. Harlow, U.K.: Pearson Education, 2016.

[111] H. Christopher and H. Peck, "Building the resilient supply chain," Int. J. Logist. Manag., vol. 15, no. 2, pp. 1–13, 2004.

[112] D. Ivanov, "Supply chain viability and the COVID-19 pandemic: A conceptual and formal generalisation of four major adaptation strategies," *Int. J. Prod. Res.*, vol. 59, no. 12, pp. 3535–3552, 2021, doi: 10.1080/00207543.2021.1890852.

[113] J. Blackhurst, K. P. Scheibe, and D. J. Johnson, "Supplier risk assessment and monitoring for the automotive industry," International Journal of Physical Distribution & Logistics Management, vol. 38, no. 2, pp. 143–165, 2008.

[114] A. Wagner and C. Bode**,** "An empirical examination of supply chain performance along several dimensions of risk," *Journal of Business Logistics*, vol. 29, no. 1, pp. 307–325, 2008.

[115] C. J. C. Jabbour, V. A. Sobreiro, A. B. L. de Sousa Jabbour, L. M. S. Campos, E. B. Mariano, and D. W. S. Renwick, "An analysis of the literature on humanitarian logistics and supply chain management: Paving the way for future studies," Ann. Oper. Res., vol. 283, pp. 289–307, 2019, doi: 10.1007/s10479-017-2536-x.

[116] A. B. L. de Sousa Jabbour, H. Latan, C. J. Chiappetta Jabbour, and B. M. R. P. Seles, "Does applying a circular business model lead to organizational resilience? Mediating effects of Industry 4.0 and customers integration," Technol. Forecast. Soc. Change, vol. 194, p. 122672, Sep. 2023, doi: 10.1016/j.techfore.2023.122672. :contentReference[oaicite:0]{index=0}

[117] A. Dolgui, D. Ivanov, and B. Sokolov, "Ripple effect in the supply chain: An analysis and recent literature," Int. J. Prod. Res., vol. 56, no. 1–2, pp. 414–430, 2020, doi: 10.1080/00207543.2017.1387680.

[118] C. Bode, S. M. Wagner, K. J. Petersen, and L. M. Ellram, "Understanding responses to supply chain disruptions: Insights from information processing and resource dependence perspectives," Acad. Manag. J., vol. 54, no. 4, pp. 833–856, 2011, doi: 10.5465/amj.2011.64870145.

[119] I. Heckmann, T. Comes, and S. Nickel, "A critical review on supply chain risk—Definition, measure and modeling," Omega, vol. 52, pp. 119–132, 2015, doi: 10.1016/j.omega.2014.10.004.

[120] C. Busse, M. Schleper, J. Weilenmann, and S. Wagner, "Extending the supply chain visibility boundary: Utilization of information sharing for supply chain resilience," J. Oper. Manag., vol. 52, pp. 1–18, 2017, doi: 10.1016/j.jom.2017.02.005.

[121] S. Chopra and M. S. Sodhi, "Reducing the risk of supply chain disruptions," MIT Sloan Manag. Rev., vol. 55, no. 3, pp. 73–80, 2014.

[122] T. R. Browning, S. D. Eppinger, and R. T. Gulati, "Process integration using concurrent engineering," IEEE Trans. Eng. Manag., vol. 70, no. 2, pp. 456–470, 2023.

[123] A. Ivanov and A. Dolgui, "Low-certainty-need supply chains: A new perspective in managing disruption risks," Int. J. Prod. Res., vol. 57, no. 15–16, pp. 5119–5136, 2019.

[124] G. C. Nwokocha, O. B. Alao and O. M. Filani, “Supplier Risk Mitigation and Resilience Framework Incorporating Data Analytics, Multi-Sourcing, and Proactive Vendor Development Strategies,” *Int. J. Manag. Res. and Gen. Engg.*, vol. 1, no. 3, pp. 153–162, 2020, doi: 10.54660/IJMRGE.2020.1.3.153-162.

[125] M. Trabucco and P. De Giovanni, “Achieving Resilience and Business Sustainability during COVID-19: The Role of Lean Supply Chain Practices and Digitalization,” *Sustainability*, vol. 13, no. 22, p. 12369, Nov. 2021, doi: 10.3390/su132212369.

[126] R. Saada, “Green Transportation in Green Supply Chain Management,” *IntechOpen*, Jul. 2020, doi: 10.5772/intechopen.93113.

[127] I. H. Zakaria, J. Lyn, P. M. Azizul, F. A. A. Mazlan and A. Bakri, “Smart Warehousing Solutions: Enhancing Efficiency and Sustainability in Logistics and Transportation,” *Journal on Technical and Vocational Education (JTVE),* vol. 9, no. 2, pp. 409–420, Nov. 2024.

[128] V. Silva, A. Amaral and T. Fontes, “Sustainable Urban Last-Mile Logistics: A Systematic Literature Review,” *Sustainability*, vol. 15, no. 3, Art. no. 2285, Jan. 2023, doi: 10.3390/su15032285.

[129] J. Calle Cristancho, “Reverse logistics and circular economy in apparel supply chains,” J. Clean. Prod., vol. 388, 2023, doi: 10.1016/j.jclepro.2023.135999.

[130] Z. Farshadfar, T. Mucha and K. Tanskanen, “Leveraging machine learning for advancing circular supply chains: A systematic literature review,” Logistics, vol. 8, no. 4, Art. no. 108, 2024, doi: 10.3390/logistics8040108.: content Reference[oaicite:0] {index=0}

[131] B. T. K. R. Pillai and N. M. Pillai, “Digital technologies and circular economy practices: vital enablers to support sustainable and resilient supply chain management in the post-COVID-19 era,” TQM J., vol. 34, no. 7, pp. 179–202, 2022, doi: 10.1108/TQM-12-2021-0374.: content Reference[oaicite:2] {index=2}

[132] F. Jia, S. Yin, L. Chen and J. Xu, “The circular economy in the textile and apparel industry: A systematic literature review,” J. Clean. Prod., vol. 259, Art. no. 120728, 2020, doi: 10.1016/j.jclepro.2020.120728.

[133] M. A. Moktadir, S. K. Paul, A. Kumar, S. Luthra, S. M. Ali and R. Sultana, “Strategic drivers to overcome the impacts of the COVID-19 pandemic: Implications for ensuring resilience in supply chains,” *Operations*

Management Research, vol. 16, no. 1, pp. 466–488, 2023, doi: 10.1007/s12063-022-00301-8.

[134] D. Ivanov and A. Dolgui, "A digital supply chain twin for managing the disruption risks and resilience in the era of Industry 4.0," Prod. Plan. Control, vol. 32, no. 9, pp. 775–788, 2021, doi: 10.1080/09537287.2020.1768450.

[135] D. Ivanov, A. Dolgui and S. Sethi, "Digital supply chain twins: Managing disruption risks and resilience," Ann. Oper. Res., vol. 319, no. 1, pp. 1411–1431, 2022, doi: 10.1007/s10479-020-03640-6.

[136] S. Shirvanimoghaddam, B. Motamed, S. Ramakrishna and M. Naebe, "Death by waste: Fashion and textile circular economy case," Sci. Total Environ., vol. 718, Art. no. 137317, 2020, doi: 10.1016/j.scitotenv.2020.137317.

[137] N. Singh, "Circular economy in textile and apparel supply chains," in *Innovation and Sustainability Through Circular Economy in Businesses*, IGI Global Scientific Publishing, 2025, pp. 25–64.

[138] E. M.-H. Chan, J. Cheung, C. A. Leslie, Y.-Y. Lau, D. W.-S. Suen and C.-W. Tsang, "Revolutionizing the Textile and Clothing Industry: Pioneering Sustainability and Resilience in a Post-COVID Era," *Sustainability*, vol. 16, no. 6, p. 2474, Mar. 2024, doi: 10.3390/su16062474.

[139] Y. Kalmykova, M. Sadagopan and L. Rosado, "Circular economy—from review of theories and practices to development of implementation tools," Resour. Conserv. Recycl., vol. 135, pp. 190–201, 2018, doi: 10.1016/j.resconrec.2017.10.034.

[140] G. Bressanelli, F. Adrodegari, M. Perona and N. Saccani, "Exploring How Usage-Focused Business Models Enable Circular Economy through Digital Technologies," *Sustainability*, vol. 10, no. 3, p. 639, Feb. 2018, doi: 10.3390/su10030639.

[141] D. Ivanov, "Viable supply chain model: integrating agility, resilience and sustainability perspectives — lessons from and thinking beyond the COVID-19 pandemic," Ann. Oper. Res., vol. 319, no. 1, pp. 1411–1431, 2022, doi: 10.1007/s10479-020-03640-6.

[142] U. S. Choksy, M. Ayaz, O. Al-Tabbaa, and M. Parast, "Supplier resilience under the COVID-19 crisis in apparel global value chain (GVC): The role of GVC governance and supplier's upgrading," *J. Bus. Res.*, vol. 150, pp. 249–267, 2022.

[143] M. A. Butturi, A. Neri, F. Mercalli and R. Gamberini, "Sustainability-Oriented Innovation in the Textile Manufacturing Industry: Pre-Consumer Waste

Recovery and Circular Patterns," *Environments*, vol. 12, no. 3, p. 82, Mar. 2025, doi: 10.3390/environments12030082.

[144] F. Z. bin Abdul Malik, T. S. Teck, L. S. Geok, R. T. Fernandez, C. H. Liau, P. R. Sonar and S. Veerunjaysingh, "Integrating the green economy, circular economy, and bioeconomy into a strategic sustainability framework to drive sustainable business transformation," *Lex Localis - J. Local Self-Gov.*, vol. 23, no. 11, pp. 615–627, Oct. 2025, doi: 10.52152/801922.

[145] D. D'Amato, N. Droste, B. Allen, M. Kettunen, K. Lähtinen, J. Korhonen, P. Leskinen, B. D. Matthies, and A. Toppinen, "Green, circular, bio economy: A comparative analysis of sustainability avenues," J. Clean. Prod., vol. 168, pp. 716–734, 2017, doi: 10.1016/j.jclepro.2017.09.053.

[146] D. Ferraz and A. Pyka, "Climate change, agricultural production, urbanization, and carbonization: Potential solutions for environmental sustainability - Circular economy, bioeconomy, and sustainable development goals: A systematic literature review," *Environmental Science and Pollution Research*, 2023, doi: 10.1007/s11356-023-29632-0.

[147] European Environment Agency, *The Circular Economy and the Bioeconomy: Partners in Sustainability*, Publications Office of the European Union, Luxembourg, 2018, doi: 10.2800/02937.

[148] S. Dahiya, R. Katakojwala, S. Ramakrishna and S. V. Mohan, "Biobased products and life cycle assessment in the context of circular economy and sustainability," *Materials Circular Economy*, vol. 2, no. 1, p. 7, 2020.

[149] OECD, "Resource efficiency and the circular economy," OECD, 2024. [Online]. Available: https://www.oecd.org/en/topics/policy-issues/resource-efficiency-and-circular-economy.html

[150] Ellen MacArthur Foundation, "The circular economy: Definition & model explained," Ellen MacArthur Foundation. [Online]. Available: https://www.ellenmacarthurfoundation.org/topics/circular-economy-introduction/overview

[151] S. Paleari, "The EU policy on climate change, biodiversity and circular economy: Moving towards a Nexus approach," Environ. Sci. Policy, vol. 151, 2024, doi:10.1016/j.envsci.2023.103603.

[152] OECD, "Monitoring progress towards a resource-efficient and circular economy," OECD Publishing, Paris, Jun. 26, 2024. [Online]. Available: https://doi.org/10.1787/3b644b83-en.: contentReference[oaicite:1] {index=1}

[153] A. K. Das, M. F. Hossain, B. U. Khan, M. M. Rahman, M. A. Z. Asad and M. Akter, “Circular economy: A sustainable model for waste reduction and wealth creation in the textile supply chain,” *SPE Polymers*, vol. 6, no. 1, p. e10171, 2025, doi: 10.1002/pls2.10171.

[154] P. Harmsen, M. Skrifvars, V. Magnolfi and M. T. Borzacchiello, *Bio-Based Textiles in a Sustainable and Circular Bioeconomy*, European Commission, Joint Research Centre (JRC), Luxembourg, Rep. JRC140676, Feb. 2025. [Online]. Available: https://publications.jrc.ec.europa.eu/repository/handle/JRC140676

[155] V. Dhanda, S. Arsalan, S. [last name if available] and S. Kaushal, “Revolutionizing material: The rise of bio leather as eco-friendly and sustainable approach,” *Int. J. Trend Sci. Res. Dev.*, vol. 7, no. 11, pp. 1234–1240, 2024, doi: 10.33545/2618060X.2024.v7.i11b.1954.

[156] E. A. Afoakwah, H. Kemevor, E. S. B. Koomson and K. Adjei, “Enhancing supply chain transparency, traceability, and efficiency through blockchain and IoT integration,” 2025.

[157] J. Wang, “Intelligent management and legal regulation of enterprise green supply chain by fuzzy comprehensive evaluation,” *Heliyon*, vol. 10, no. 23, p. e39929, 2024.

[158] M. Awuah-Gyawu, S. A. Muntaka, M. K. Owusu-Bio and A. O. Fianko, “Assessing the effects of sustainable supply chain management practices on operational performance: The role of business regulatory compliance and corporate sustainability culture,” *Benchmarking: An International Journal*, vol. 32, no. 7, pp. 2523–2550, 2025, doi: 10.1108/BIJ-10-2023-0721.

[159] S. Bidiko, “Sustainability and regulatory compliance: A win-win strategy for businesses,” *Pharmaceutical Regulatory Affairs: Open Access*, vol. 12, no. 3, 2023, ISSN: 2167-7689.

[160] W. Nadeem, A. R. Ashraf and V. Kumar, “Fostering consumer engagement with sustainability marketing using augmented reality (SMART): A climate change response,” *J. Bus. Res.*, vol. 192, p. 115289, 2025, doi: 10.1016/j.jbusres.2025.115289.

[161] Papasolomou, Y. Melanthiou and A. Tsamouridis, “The fast fashion vs environment debate: Consumers’ level of awareness, feelings, and behavior towards sustainability within the fast-fashion sector,” *J. Marketing Common.*, vol. 29, no. 2, pp. 191–209, 2023, doi: 10.1080/13527266.2022.2154059.

[162] D. S. S. Jayakody, K. N. Wele Mudiyanselage and K. S. R. Rathgamage, *The Impact of Sustainability-Driven Strategies on Consumer Preferences for New Sustainable Clothing vs. Second-Hand Clothing*, Bachelor Thesis, School of Business, Society & Engineering, Mälardalens University, Västerås, Sweden, Jun. 3, 2025.

[163] J. Greg, *Bio-Based and Biodegradable Fibers: The Next Frontier in Sustainable Textiles*, 2025.

[164] M. Cate, *Sustainable Supply Chain Strategies in Textile Engineering: A Circular Economy Approach*, 2025. [Online]. Available: https://www.researchgate.net/profile/Mia-Cate/publication/390489132_Sustainable_Supply_Chain_Strategies_in_Textile_Engineering_A_Circular_Economy_Approach/links/67efead976d4923a1af61ce8/Sustainable-Supply-Chain-Strategies-in-Textile-Engineering-A-Circular-Economy-Approach.pdf.

[165] M. B. Rana and S. A. Tajuddin, "Chapter 11: Circular economy and sustainability capability: The case of HM," in *Economics 2021*, 1st ed., 2021, pp. 253–282, doi: 10.4337/9781789907650.00019.

[166] J. Castillo, *Levi's Marketing Plan*, course paper, New York City College of Technology, City University of New York (CUNY), BUF 3500, May 12, 2020.

[167] J. Greg, *Waterless Dyeing Innovations and Environmental Benefits*, Oct. 23, 2025. [Online]. Available: https://www.researchgate.net/profile/Jeremiah-Greg/publication/396824051_WATERLESS_DYEING_INNOVATIONS_AND_ENVIRONMENTAL_BENEFITS/links/68fa47a7f3032e2b4beb8601/WATERLESS-DYEING-INNOVATIONS-AND-ENVIRONMENTAL-BENEFITS.pdf

[168] "How sustainable is Eileen Fisher," *EcoLife*, [Online]. Available: https://www.ecolife.com/brand-reports/how-sustainable-is-eileen-fisher.

[169] "Bridge-to-luxury: Premium brand, Eileen Fisher incorporates circularity into her business model," *Circle Economy Knowledge Hub*, Oct. 8, 2024. [Online]. Available: https://knowledge-hub.circle-economy.com/wctd/article/28918

[170] M. P. Jones, A. Mautner, S. Luenco, A. Bismarck and S. John, "Engineered mycelium composite construction materials from fungal biorefineries: A critical review," *Materials & Design*, vol. 187, p. 108397, 2020, doi: 10.1016/j.matdes.2019.108397.

[171] M. Jones, *Waste-derived Mycelium Materials for Non-structural and Semi-structural Applications*, Ph.D. dissertation, Univ. of Vienna, Vienna, Austria, 2020.

[172] "Sustainable and Circular Fashion Takes Center Stage," *1BusinessWorld*, Dec. 25, 2025. [Online]. Available: https://www.1businessworld.com/sustainable-and-circular-fashion-takes-center-stage.

[173] Global Fashion Agenda and The Boston Consulting Group, *Pulse of the Fashion Industry*, Copenhagen Fashion Summit, Copenhagen, Denmark, May 2017. [Online]. Available: https://www.copenhagenfashionsummit.com/wp-content/uploads/2017/05/Pulse-of-the-Fashion-Industry_2017.pdf

[174] W. A. H. Ahmed and B. L. MacCarthy, "Blockchain-enabled supply chain traceability in the textile and apparel supply chain: A case study of the fiber producer, Lenzing," *Sustainability*, vol. 13, p. 10496, 2021, doi: 10.3390/su131910496.

[175] J. E. N. Rodas, "The key Stella McCartney sustainable success in the fashion industry over other fashion luxury brands," *Int. J. Enhanced Res. Manag. Comput. Appl.*, vol. 13, no. 11, pp. 1–, Nov. 2024, ISSN: 2319-7471.

[176] E. Rosenfield, "Sustainable practices in industrial engineering: Challenges and solutions," *Am. J. Ind. Prod. Eng.*, vol. 1, no. 2, 2020, E-ISSN: 2689-016X. [Online]. Available: https://australiansciencejournals.com/production

[177] E. Y. T. Adesta and H. A. Prabowo, "The evaluation of lean manufacturing implementation and their impact to manufacturing performance," *IOP Conf. Ser.: Mater. Sci. Eng.*, vol. 453, p. 012031, Aug. 2018, doi: 10.1088/1757-899X/453/1/012031.

[178] J. C. Hernandez-Matias, J. R. Ocampo, A. Hidalgo, and A. Vizan, "Lean manufacturing and operational performance: Interrelationships between human-related lean practices," *J. Manuf. Technol. Manag.*, vol. 31, no. 2, pp. 217–235, 2020, doi: 10.1108/JMTM-04-2019-0140.

[179] P. Dave, "The history of lean manufacturing by the view of Toyota-Ford," *Int. J. Sci. Eng. Res.*, vol. **11**, no. **8**, pp. —, Aug. 2020. [Online]. Available: https://www.researchgate.net/publication/344460563

[180] A. Biswas, *Lean Practices in the Textile Industry: A Comparison of Cases from India, the US, and Bangladesh*, M.Eng. thesis, Degree Programme in Industrial Management and Engineering, Univ. of Applied Sciences, Vaasa, Finland, 2023.

[181] I. Leksic, N. Stefanic, and I. Veza, “The impact of using different lean manufacturing tools on waste reduction,” *Advances in Production Engineering & Management*, vol. 15, no. 1, pp. 81–92, Mar. 2020, doi: 10.14743/apem2020.1.351.

[182] P. Ukey, A. Deshmukh, and A. Arora, “Implementation of lean tools in apparel industry for improving productivity,” *Proceedings on Engineering Sciences*, vol. 3, no. 2, pp. 241–246, 2021, doi: 10.24874/PES03.02.012.

[183] G. Q. Limon and T. H. Sarker, “Lean manufacturing and ERP integration: A systematic review of process efficiency tools in the apparel sector,” *American Journal of Scholarly Research and Innovation*, vol. 2, no. 1, pp. 104–129, 2023, doi: 10.63125/mx7j4p06.

[184] E. Cudney and C. Elrod, “A comparative analysis of integrating lean concepts into supply chain management in manufacturing and service industries,” *International Journal of Lean Six Sigma*, vol. 2, no. 1, pp. 5–22, 2011, doi: 10.1108/20401461111119422.

[185] M. Haddad and R. Otayek, “Addressing the challenge of lean manufacturing sustainment with system dynamics modeling: A case study on apparel manufacturing in a developing country,” in *Proc. Int. Conf. Ind. Eng. Oper. Manag. (IEOM)*, Paris, France, Jul. 26–27, 2018.

[186] P. Ugochukwu, J. Engström, and J. Langstrand, “Lean in the supply chain: A literature review,” *Management and Production Engineering Review*, vol. 3, no. 4, pp. 87–96, Dec. 2012, doi: 10.2478/v10270-012-0037-6.

[187] V. Patlakha and T. Grinko, “Improving corporate management using the lean concept: Integration and optimization of business processes,” *International Journal of Psychology and Strategic Communication (IJPSC)*, vol. 1, no. 1, 2025, doi: 10.61030/IJPSC.25.v01a01.

[188] P. J. Martínez-Jurado and J. Moyano-Fuentes, “Lean management, supply chain management and sustainability: A literature review,” *J. Clean. Prod.*, vol. 85, pp. 134–150, 2014, doi: 10.1016/j.jclepro.2013.09.042.

[189] W. Kosasih, I. N. Pujawan, and P. D. Karningsih, “Integrated lean-green practices and supply chain sustainability for manufacturing SMEs: A systematic literature review and research agenda,” *Sustainability*, vol. 15, no. 16, Art. no. 12192, Aug. 2023, doi: 10.3390/su151612192.

[190] A. Author, Shirali, and S. Furlan, “From Linear to Circular Economy in Global Fashion Industry: A Case Study of H&M Group’s Strategies and Outcomes.” Accessed: Jan. 15, 2026. [Online]. Available:

https://thesis.unipd.it/bitstream/20.500.12608/101330/1/From_Linear_to_Circular_Economy_in_Global_Fashion_Industry_last-2-2.pdf

[191] O. E. Aro, "Circular Economy in Supply Chain Management: Leveraging Technology for Sustainability," *International Journal of Research Publication and Reviews*, vol. 5, no. 10, pp. 4057–4057, Oct. 2024, doi: https://doi.org/10.55248/gengpi.5.1024.3014.

[192] S. Holloway, "Leveraging Sustainable Supply Chains as a Marketing Differentiator: Insights from Industry Leaders," Jan. 2025, doi: https://doi.org/10.2139/ssrn.5122772.

[193] N. Newman, *"Fashioning circularity: A multi-criteria decision analysis of disclosure and targeted legislation—Comparing their influence on environmental outcomes and the circular economy in the apparel and footwear industry,"* Master's thesis, Tufts University, Medford, MA, USA, 2024.

[194] B. D. Hettiarachchi, S. Seuring, and M. Brandenburg, "Industry 4.0-driven operations and supply chains for the circular economy: A bibliometric analysis," *Oper. Manag. Res.*, vol. 15, pp. 858–878, 2022, doi:10.1007/s12063-022-00275-7.

[195] C. G. Machado, M. P. Winroth, and E. H. D. Ribeiro da Silva, "Sustainable manufacturing in Industry 4.0: An emerging research agenda," *International Journal of Production Research*, vol. 58, no. 5, pp. 1462–1484, 2020.

[196] R. M. Thirupathi, S. Vinodh, and S. Dhanasekaran, "State of art review on strategies, tools and indicators of sustainable manufacturing," *International Journal of Services and Operations Management*, vol. 40, no. 1, pp. 68–86, 2021.

[197] Ghobakhloo, M., & Fathi, M. (2021). Industry 4.0 and opportunities for energy sustainability. *Journal of Cleaner Production*, *295*, 126427.

[198] M. H. Foroozanfar, N. Imanipour, and S. M. Sajadi, "Integrating circular economy strategies and business models: A systematic literature review," *J. Entrepreneurship Emerg. Econ.*, vol. 14, no. 5, pp. 678–700, 2022.

[199] W. Abualfaraa, K. Salonitis, A. Al-Ashaab, and M. Ala'raj, "Lean-green manufacturing practices and their link with sustainability: A critical review," *Sustainability*, vol. 12, no. 3, Art. no. 981, 2020.

[200] M. F. Abreu, A. C. Alves, and F. Moreira, "Lean-Green models for eco-efficient and sustainable production," *Energy*, vol. 137, pp. 846–853, 2017.

[201] M. Koszewska, “Circular economy - Challenges for the textile and clothing industry,” *Autex Res. J.*, vol. 18, no. 4, pp. 337–347, 2018.

[202] I. A. Hammou, O. Salah, and A. Hebaz, “The impact of lean & green supply chain practices on sustainability: Literature review and conceptual framework,” *LogForum*, vol. 18, no. 1, 2022.

[203] F. Jia and L. Chen, “Closing the loop: The fundamental role of Purchasing and Supply Management in reaching a circular economy,” *J. Purch. Supply Manag.*, vol. 100954, 2024.

[204] L. Bals, K. M. Taylor, E. Rosca, and F. Ciulli, “Toward a circular supply chain: The enabling role of information and financial flows in open and closed loop designs,” *Resour. Conserv. Recycl.*, vol. 209, Art. no. 107781, 2024.

[205] G. Bonifazi, R. Gasbarrone, R. Palmieri, and S. Serranti, “End-of-life textile recognition in a circular economy perspective: A methodological approach based on near infrared spectroscopy,” *Sustainability*, vol. 14, no. 16, Art. no. 10249, 2022.

[206] L. Jäämaa and R. Kaipia, “The first mile problem in the circular economy supply chains Collecting recyclable textiles from consumers,” *Waste Manag.*, vol. 141, pp. 173–182, 2022.

[207] M. K. Nallapaneni, M. A. Haque, and S. Patwary, “It is time to synergize the circularity of circular bioeconomy with sustainability and resiliency principles,” *Sustainability*, vol. 15, no. 16, Art. no. 12239, 2023.

[208] M. Ribul, “Regenerative textiles: A framework for future materials circularity in the textile value chain,” *Sustainability*, vol. 13, no. 24, Art. no. 13910, 2021.

[209] A. Hasanbeigi, *Energy-efficiency improvement opportunities for the textile industry*, 2010.

[210] K. Farhana, K. Kadirgama, A. S. F. Mahamude *et al.*, “Energy consumption, environmental impact, and implementation of renewable energy resources in global textile industries: An overview towards circularity and sustainability,” *Mater. Circ. Econ.*, vol. 4, Art. no. 15, 2022, doi: 10.1007/s42824-022-00059-1.

[211] G. Madrigal, *Patagonia Rethread: Creating a Retail Recycling Program for Post-Consumer Clothing*, 2020.

[212] S. Shehata Nakhil, *Modern urgencies creating a market advantage: Sustainable business models in the fashion industry—A Patagonia Case Study*, 2024.

[213] A. M. Yousaf and R. Aqsa, “Integrating circular economy, SBTI, digital LCA, and ESG benchmarks for sustainable textile dyeing: A critical review of industrial textile practices,” *Glob. NEST J.*, vol. 25, pp. 39–51, 2023.

[214] S. Sutandi and J. Juviana, “The effect of Just in Time method on inventory control in children's clothing production companies,” *J. Logistik Indones.*, vol. 8, no. 1, pp. 63–73, 2024.

[215] S. K. Kumar and M. S. P. Baskaran, *A study on effective inventory management practices in a yarn manufacturing facility in Tamil Nadu*, 2020.

[216] S. Patro, “FASHIONING CHANGE: A corporate approach to sustainable production in fast fashion,” *3D: IBA J. Manag. Leadership*, vol. 15, no. 2, 2024.

[217] S. Lu, “Explore US retailers’ sourcing strategies for clothing made from recycled textile materials,” *Sustainability*, vol. 15, no. 1, Art. no. 38, 2022.

[218] M. Islam, *Lean practices in Bangladeshi textile industry: A literature review*, 2019.

[219] A. Biswas, *Lean Practices in the Textile Industry—a Comparison of Cases from India, the US, and Bangladesh*, 2023.

[220] A. Atanacković, “The implementation of agile project management in the fast fashion industry,” *Eur. Project Manag. J.*, vol. 9, no. 1, pp. 42–51, 2019.

[221] D. Mollenkopf, H. Stolze, W. L. Tate, and M. Ueltschy, “Green, lean, and global supply chains,” *Int. J. Phys. Distrib. Logist. Manag.*, vol. 40, no. 1/2, pp. 14–41, 2010.

[222] T. Sakthi Nagaraj, R. Jeyapaul, K. E. K. Vimal, and K. Mathiyazhagan, “Integration of human factors and ergonomics into lean implementation: Ergonomic-value stream map approach in the textile industry,” *Prod. Plan. Control*, vol. 30, no. 15, pp. 1265–1282, 2019.

[223] P. Perry, S. Wood, and J. Fernie, “Corporate social responsibility in garment sourcing networks: Factory management perspectives on ethical trade in Sri Lanka,” *J. Bus. Ethics*, vol. 130, pp. 737–752, 2015.

[224] J. Krywalski-Santiago, “Navigating sustainable transformation in the fashion industry: The role of circular economy and ethical consumer behavior,” *J. Intercult. Manag.*, vol. 16, no. 3, pp. 5–36, 2024.

[225] T. Javed, J. Yang, W. G. Gilal, and N. G. Gilal, “The sustainability claims' impact on the consumer's green perception and behavioral intention: A case study of H&M,” *Adv. Manag. Appl. Econ.*, vol. 10, no. 2, pp. 1–22, 2020.

[226] Y. Kim, “Change management and Nike's sustainable product innovation,” in *The Routledge Companion to Leadership and Change*, pp. 219–230, Routledge, 2023.

[227] J. L. G. Alcaraz, J. R. D. Reza, and A. R. Vargas, “Just in Time (JIT),” in *Lean Manufacturing in Latin America: Concepts, Methodologies and Applications*, Springer Nature, 2024, p. 127, ISBN: 978-3-031-70984-5.

[228] C. W. Wong, K. H. Lai, Y. V. Lun, and T. C. E. Cheng, “Closed loop supply chain,” in *Environmental Management: The Supply Chain Perspective*, pp. 127–140, 2015.

[229] G. Novello, *how eco-innovations can lead the way towards the creation of a sustainable business model: A multiple case study of the apparel and footwear industry*, 2020.

[230] R. Roy, P. P. Chavan, Y. Rajeev, T. Praveenraj, and P. Kolazhi, “Sustainable manufacturing practices in textiles and fashion,” in *Sustainable Manufacturing Practices in the Textiles and Fashion Sector*, Cham, Switzerland: Springer Nature Switzerland, pp. 1–22, 2024.

[231] K. N. Esbeih, V. Molina-Moreno, P. Núñez-Cacho, and B. Silva-Santos, “Transition to the circular economy in the fashion industry: The case of the Inditex family business,” *Sustainability*, vol. 13, no. 18, Art. no. 10202, 2021.

[232] L. Maula, *Achieving an environmentally sustainable fast fashion supply chain by implementing lean processes*, Bachelor’s thesis, 2022.

[233] K. Mutz and S. J. Shumate, *Inditex and sustainability: Are Inditex’s commitments enough to make the company sustainable?*

[234] C. Maubach, *Greenhouse gas reporting practices in the fashion industry: The case of Inditex*, Master’s thesis, Høgskulen på Vestlandet, 2023.

[235] O. Towa, *Sustainability in the sneakers industry*, Doctoral dissertation, 2021.

[236] A. Galluccio and P. J. Agrell, *Industry 4.0 in focus: The adidas speedfactory*, Université catholique de Louvain, pp. 21–32, 2022.

[237] S. Kennelly, *Sustainability, a competitive advantage in the corporate world*, 2022.

[238] G. K. Kuppusamy and I. N. I. Y. A. N. Senthil Kumar, *Applying sustainable development on supply chain in apparel industries*, 2019.

[239] V. D. Dragomir and M. Dumitru, "Practical solutions for circular business models in the fashion industry," *Cleaner Logistics and Supply Chain*, vol. 4, Art. no. 100040, 2022.

[240] E. Boltri, *Integration between supply chain and last mile logistics: M2Log business case*, Doctoral dissertation, Politecnico di Torino, 2018.

[241] V. M. Camarda and V. M. Vago, *Circular economy and new product development in the fashion industry: a multiple-case study analysis on the role of collaborations*, 2020.

[242] R. Surjit, H. Shanruthi, K. S. Tarunvalavan, and V. Sruthi, "Waste management approaches for a sustainable apparel industry," in *Zero Waste Sustainable Apparel Industry*, Cham: Springer Nature Switzerland, 2024, pp. 7–24.

[243] A. Sailaubayeva, *Adopting sustainable materials in the fashion industry: a multiple case study research*, 2023.

[244] O. O. Baliun, T. V. Fisenko, and P. I. Solomka, "Foreign experience of implementing ecological responsibility by fashion brands," *Вчені записки*, vol. 208, 2023.

[245] J. Mohan, C. R. C. Mohanty, J. S. Cross, and A. Khajuria, "Mapping 3R and circular economy policy implementation in Asia and the Pacific," *Circular Economy and Sustainability*, vol. 4, no. 1, pp. 671–692, 2024.

[246] F. M. A. Quimba, R. B. Serafica, C. Bayudan-Dacuycuy, A. E. Andrada, and N. I. S. Moreno, "Green and digital: Managing the twin transition toward sustainable development," *PIDS Discussion Paper Series*, no. 2023-21, 2023.

[247] H. P. N. Caldera, W. P. E. N. Fernando, L. M. Livera, H. P. K. Madhushika, M. R. H. Perera, S. A. A. P. Perera, and M. R. Weliwita, "A case study on the waste management practices of a green production facility in the apparel industry of Sri Lanka," 2025.

[248] I. Oper, *Innovation@ MAS Holdings: Becoming a Preferred Sourcing Partner for Global Fashion Brands*, 2025.

[249] L. Wijenatha, *Implementation of lean practices in apparel manufacturing: a study on selected company in MAS Holdings Pvt. Ltd.*, 2014.

[250] C. Wijethilake, B. Upadhaya, and T. Lama, "The role of organisational culture in organisational change towards sustainability: evidence from the garment manufacturing industry," *Production Planning & Control*, vol. 34, no. 3, pp. 275–294, 2023.

[251] K. G. A. S. Waidyasekara and W. N. J. K. Fernando, "Benefits of adopting green concept for construction of buildings in Sri Lanka," 2012.

[252] E. Fontana, "Innovative sustainability in South Asian garment supply chains: The case of MAS Holdings in Sri Lanka," in Eco-Friendly and Fair, Routledge, 2018, pp. 112–123.

[253] S. K. A. Fernando, I. S. Somarathne, and A. S. Asmone, "Ascertaining Environmental-Economic Benefits Through Energy Saving Strategies In A Manufacturing Organization: A Case Study From Sri Lanka," 2015.

[254] A. W. G. N. M. Abeyrathna, "Effectiveness and Challenges of Green Environmental Planning in Apparel Companies of Sri Lanka," *International Journal of Governance and Public Policy Analysis*, vol. 1, no. 1, 2019.

[255] V. T. Balasooriya, *The Factors Influencing on Practicing and Sustaining Lean in Apparel and Textile Industry of Sri Lanka*, Ph.D. dissertation, 2018.

[256] D. Pandithasekara, "Green innovation practices and its impact on organizational performance: Evidence from apparel industry of Sri Lanka," *Int. J. Res. Publ. Rev.*, pp. 743–758, 2022.

[257] J. Wijayasiri and J. Dissanayake, *Trade and Innovation Project*.

[258] R. K. Yin, *Case Study Research: Design and Methods*, 3rd ed. Sage Publications, 2003.

[259] Hela Apparel Holdings PLC, *Annual Report 2023/24*, Hela Apparel Holdings PLC, 2024. [Online]. Available: https://www.helaclothing.com/wp-content/uploads/2021/09/Hela-Apparel-Holding-PLC-Annual-Report-2023_24-Final-30.08.pdf

[260] Hela Apparel Holdings PLC, *Annual Report 2024/25*, Hela Apparel Holdings PLC, 2025. [Online]. Available: https://cdn.cse.lk/cmt/upload_report_file/2727_1764944661323.pdf

[261] Hela Clothing, “Hela Clothing – Official Website,” [Online]. Available: https://www.helaclothing.com/

[262] J. W. Creswell and V. L. Plano Clark, *Designing and Conducting Mixed Methods Research*. Thousand Oaks, CA, USA: Sage Publications, 2011.

[263] “Tripartite model,” *Wisdom Library*, [Online]. Available: https://www.wisdomlib.org/concept/tripartite-model

[264] A. Younas and A. Sundus, “Tripartite analysis: A data analysis technique for convergent mixed-methods designs,” *Nurs. Res.*, vol. 71, no. 4, pp. 313–321, Jul./Aug. 2022, doi: 10.1097/NNR.0000000000000584.

[265] M. Ausloos, “Shannon entropy and Herfindahl-Hirschman index as team’s performance and competitive balance indicators in cyclist multi-stage races,” *Entropy*, vol. 25, no. 6, Art. no. 955, 2023, doi: 10.3390/e25060955.

[266] A. Krivka, "On the concept of market concentration, the minimum Herfindahl-Hirschman index, and its practical application," *Panoeconomicus*, vol. 63, no. 5, pp. 525–540, 2016, doi: 10.2298/PAN140407025K.

[267] M. Ausloos, "Shannon entropy and Herfindahl-Hirschman index as team’s performance and competitive balance indicators in cyclist multi-stage races," *Entropy*, vol. 25, no. 6, Art. no. 955, 2023, doi: 10.3390/e25060955