

DAFTAR PUSTAKA

- Antonelli, D., Litwin, P., & Stadnicka, D. (2018). Multiple System Dynamics and Discrete Event Simulation for manufacturing system performance evaluation. *Procedia CIRP*, 78, 178–183. <https://doi.org/10.1016/j.procir.2018.08.312>
- Auliya, D. F., Marlyana, N., & Fatmawati, W. (2021). Analisis Penentuan Faktor Pendorong dalam Penerapan Green Manufacturing di PT. Aneka Adhilogam Karya dengan Metode Fuzzy Topsis. *JURNAL TEKNIK INDUSTRI*, 11(2), 156–163. <https://doi.org/10.25105/jti.v11i2.9708>
- Banks, J., Carson, J., Nelson, B. L., & MacNicol, D. (2014). *Discrete-event system simulation* (Fifth edition). Pearson.
- Baumer-Cardoso, M. I., Campos, L. M. S., Portela Santos, P. P., & Frazzon, E. M. (2020). Simulation-based analysis of catalyzers and trade-offs in Lean & Green manufacturing. *Journal of Cleaner Production*, 242, 118411. <https://doi.org/10.1016/j.jclepro.2019.118411>
- Cherrafi, A., Elfezazi, S., Chiarini, A., Mokhlis, A., & Benhida, K. (2016). The integration of lean manufacturing, Six Sigma and sustainability: A literature review and future research directions for developing a specific model. *Journal of Cleaner Production*, 139, 828–846. <https://doi.org/10.1016/j.jclepro.2016.08.101>
- Damanik, O. K. A. R., Afma, V. M., & Siboro, B. A. H. (2017). Analisa Pendekatan Lean Manufacturing Dengan Metode Vsm (Value Stream Mapping) Untuk Mengurangi Pemborosan Waktu (Studi Kasus Ud. Almaida). *Profisiensi: Jurnal Program Studi Teknik Industri*, 5(1), Article 1. <https://doi.org/10.33373/profis.v5i1.1148>
- de Souza, L. B., Tortorella, G. L., Cauchick-Miguel, P. A., & Nascimento, D. (2018). *Application of Value Stream Mapping and Monte Carlo Simulation in a University Hospital*.
- George, M. L. (2003). *Lean Six Sigma for service: How to use Lean Speed and Six Sigma Quality to improve services and transactions*. McGraw-Hill.

- Hafiz, A. A. (2019). *Analisis Pemborosan Pada Aliran Produksi Tablet Effervescent Dengan Tool Value Stream Mapping Pada Pt Xyz.*
- Harkhoe, A. (n.d.). *Value Stream Mapping / Value Stream Analysis*. Dmaic.com. Retrieved October 22, 2025, from <https://www.dmaic.com/value-stream-mapping-value-stream-analysis/>
- Hines, P., & Taylor, D. (2000). *Going lean: A guide to implementation*. Lean Enterprise Research Centre.
- Hutami, F. A., Sudiarso, A., & Herliansyah, M. K. (2021). *Waste Identification in Writing Batik Production Process using Lean Manufacturing Approach with Value Stream Mapping Method (Case Study: Batik Tulis Giri Iloyo).*
- King, P. L. (2019). *Lean for the Process Industries: Dealing with Complexity, Second Edition* (2nd edn). Productivity Press. <https://doi.org/10.4324/9780429400155>
- Mahfouz, A., Crowe, J., & Arisha, A. (2011). *Integrating Current State and Future State Value Stream Mapping with Discrete Event Simulation: A Lean Distribution Case Study.*
- Marimin, Machfud, Darmawan, M. A., Martini, S., Rukmayadi, D., Wiguna, B., Islam, Muh. P., & Adhi, W. (2015). *Teknik Dan Aplikasi Produktivitas Hijau (Green Productivity) Pada Agroindustri*. https://www.researchgate.net/publication/283467607_Teknik_Dan_Aplikasi_Produktivitas_Hijau_Green_Productivity_Pada_Agroindustri
- Maulidin, I., Djatna, T., M Aryanda Firmansyah, Ayu Nuraini, Permono, S. R., Arum Yunia Lestari, & Febriyanti Irawan. (2019). *Analisis Dan Desain Sistem Minimalisasi Industrial Wastes Melalui Transaksi Berbasis Online Menggunakan Pendekatan Evsm*. <https://doi.org/10.13140/RG.2.2.33414.22089>
- Mishra, A. K., Sharma, A., Sachdeo, M., & K., J. (2019). Development of sustainable value stream mapping (SVSM) for unit part manufacturing: A simulation approach. *International Journal of Lean Six Sigma*, 11(3), 493–514. <https://doi.org/10.1108/IJLSS-04-2018-0036>

- Mujafar, I. H. (2024). *Penerapan Pendekatan Lean And Green Manufacturing Dalam Produksi Batik Untuk Pengurangan Environmental Waste Pada Proses Batik Tulis (Studi Kasus: Ukm Sri Kuncoro Bantul)*.
- Naro, A., & Halimah, N. (2019). *Perancangan Lean Production System Pada Lini Produksi Panel Listrik Tipe Wall Mounting Dengan Menggunakan Value Stream Mapping*.
- Nurwulan, N. R., Taghsya, A. A., Astuti, E. D., Fitri, R. A., & Nisa, S. R. K. (2021). Pengurangan Lead Time dengan Lean Manufacturing: Kajian Literatur. *Journal Of Industrial And Manufacture Engineering*, 5(1), 30–40. <https://doi.org/10.31289/jime.v5i1.3851>
- Oey, E., & Nofrimurti, M. (2018). *Lean implementation in traditional distributor warehouse – a case study in an FMCG company in Indonesia*.
- Pakpahan, M. R. R. B., Ruhiyat, R., & Hendrawan, D. I. (2021). Karakteristik Air Limbah Industri Tempe (Studi Kasus: Industri Tempe Semanan, Jakarta Barat). *Jurnal Bhuwana*, 164–172. <https://doi.org/10.25105/bhuwana.v1i2.12535>
- Pampanelli, A. B., Found, P., & Bernardes, A. M. (2014). A Lean & Green Model for a production cell. *Journal of Cleaner Production*, 85, 19–30. <https://doi.org/10.1016/j.jclepro.2013.06.014>
- Pattiapon, M. L., Maitimu, N. E., & Magdalena, I. (2020). Penerapan Lean Manufacturing Guna Meminimasi Waste Pada Lantai Produksi (Studi Kasus: Ud. Filkin). *Arika*, 14(1), 23–36. <https://doi.org/10.30598/arika.2020.14.1.23>
- Paustian, K., Ravindranath, N. H., & Van Amstel, A. (2006). *2006 IPCC Guidelines for National Greenhouse Gas Inventories*. 3.
- Pujianto, T., Bunyamin, A., & Wafiyyah, S. (2022). Pengukuran kinerja green manufacturing pada industri tahu sumedang untuk meningkatkan kinerja terhadap lingkungan menggunakan GSCOR dan LCA. *Agrointek : Jurnal Teknologi Industri Pertanian*, 16(2), 221–233. <https://doi.org/10.21107/agrointek.v16i2.10831>

- Purvis, B., Mao, Y., & Robinson, D. (2019). Three pillars of sustainability: In search of conceptual origins. *Sustainability Science*, 14(3), 681–695. <https://doi.org/10.1007/s11625-018-0627-5>
- Rohani, J. M., & Zahraee, S. M. (2015). Production Line Analysis via Value Stream Mapping: A Lean Manufacturing Process of Color Industry. *Procedia Manufacturing*, 2, 6–10. <https://doi.org/10.1016/j.promfg.2015.07.002>
- Rother, M., & Shook, J. (2009). *Learning To See—Value Stream Mapping To Add Value and Eliminate MUDA*. Scribd. <https://www.scribd.com/document/707644456/Mike-Rother-John-Shook-Learning-to-See-Value-Stream-Mapping-to-Add-Value-and-Eliminate-MUDA-Lean-Enterprise-Institute-1999>
- Samnur, & Irfan, A. M. (2011). *Analisis Kesetaraan Nilai Kalor LPG dengan Biogas dari Biodigester Skala Rumah Tangga*.
- Shah, R., & Ward, P. T. (2007). Defining and developing measures of lean production. *Journal of Operations Management*, 25(4), 785–805. <https://doi.org/10.1016/j.jom.2007.01.019>
- Shahbazi, S., Kurdve, M., Zackrisson, M., Jönsson, C., & Kristinsdottir, A. R. (2019). Comparison of Four Environmental Assessment Tools in Swedish Manufacturing: A Case Study. *Sustainability*, 11(7), 2173. <https://doi.org/10.3390/su11072173>
- Shou, W., Wang, J., Wu, P., Wang, X., & Chong, H.-Y. (2017). A cross-sector review on the use of value stream mapping. *International Journal of Production Research*, 55(13), 3906–3928. <https://doi.org/10.1080/00207543.2017.1311031>
- Singh, R. K., Garg, S. K., & Deshmukh, S. G. (2008). Strategy development by SMEs for competitiveness: A review. *Benchmarking: An International Journal*, 15(5), 525–547. <https://doi.org/10.1108/14635770810903132>
- Soeprajogo, M. P., & Ratnaningsih, N. (2020). *PERBANDINGAN DUA RATA-RATA UJI-T*.
- Sultan, F. A., Routroy, S., & Thakur, M. (2020). A simulation-based performance investigation of downstream operations in the Indian Surimi Supply Chain

using environmental value stream mapping. *Journal of Cleaner Production*, 286, 125389. <https://doi.org/10.1016/j.jclepro.2020.125389>

Wills, B. (2011). *Green Intentions: Creating a Green Value Stream to Compete and Win*. Taylor and Francis.

Wiryani, E. (2013). *Analisis Kandungan Limbah Cair Pabrik Tempe*.

Zani, F. R., & Supriyanto, H. (2021). *Analisis Perbaikan Proses Pengemasan Menggunakan Metode Root Cause Analysis Dan Failure Mode And Effect Analysis Dalam Upaya Meningkatkan Kualitas Produk Pada Cv. Xyz*.