

## DAFTAR PUSTAKA

- [1] T. R. Brown, "A techno-economic review of thermochemical cellulosic biofuel pathways," *Bioresour. Technol.*, vol. 178, pp. 166–176, 2015, doi: 10.1016/j.biortech.2014.09.053.
- [2] A. Zikri, I. Puspita, Erlinawati, M. Sutini PLAGus, P. Elbi Zalita, and K. Andre, "Production of Green Diesel From Crude Palm Oil (CPO) Through Hydrotreating Process by Using Zeolite Catalyst," *Proc. 4th Forum Res. Sci. Technol.*, vol. 7, pp. 67–74, 2021, doi: 10.2991/ahe.k.210205.013.
- [3] J. M. Fernández-villamil, A. Hurtado, and D. M. Paniagua, "Preliminary design of the green diesel production process by hydrotreatment of vegetable oils," 2018.
- [4] M. Mohammad, T. K. Hari, Z. Yaakob, Y. C. Sharma, and K. Sopian, "Overview on the production of paraffin based-biofuels via catalytic hydrodeoxygenation," *Renew. Sustain. Energy Rev.*, vol. 22, no. X, pp. 121–132, 2013, doi: 10.1016/j.rser.2013.01.026.
- [5] M. Aslam and S. S. Maktedar, *Green Diesel: An Alternative ti Biodiesel and Petrodiesel*. Srinagar: Department of Chemistry National Institute of Technology Srinagar, 2022. [Online]. Available: <https://doi.org/10.1007/978-981-19-2235-0>
- [6] Badan Pusat Statistik, "Badan Pusat Statistik," 2023. <https://www.bps.go.id/linkTableDinamis/view/id/960>. (accessed Mar. 29, 2023).
- [7] Pertamina, "Komitmen Ramah Lingkungan, Kilang Pertamina Cilacap Siap Uji Coba Produksi Green Diesel," 2020. <https://pertamina.com/id/newsroom/newsrelease/komitmen-ramah-lingkungan-kilang-pertamina-cilacap-siap-uji-cobaproduksi-green-diesel-akhir-november-ini> (accessed Feb. 06, 2023).
- [8] A. K. Tirumareddy, Priyanka; Esmi, Fahimeh; Masoumi, Shima; Bougadda, Venu Babu; Dalai, *Green Diesel: An Alternative ti Biodiesel and Petrodiesel*, no. May. 2022.
- [9] I. Setiawan, A. Zulfikar, R. Nurfaizah, and Z. A. Akbar, "Palm Oil Cultivation (*Elaeis guineensis* Jacq) And Economic Analysis For Indonesia," pp. 1–26, 2020.
- [10] I. C. Setiawan and M. Setiyo, "Renewable and Sustainable Green Diesel (D100) for Achieving Net Zero Emission in Indonesia Transportation Sector,"

*Automotive Experiences*, vol. 5, no. 1. pp. 1–2, 2022. doi: 10.31603/ae.6895.

- [11] Pertamina, “Green Diesel Pertamina di Cilacap Raih Sertifikat International,” 2021. <https://www.pertamina.com/id/news-room/news-release/go-productivegreen-diesel-pertamina-di-cilacap-raih-sertifikat-international-sustainability-andcarbon-certification-iscc> (accessed Feb. 05, 2023).
- [12] A. Vonortas and N. Papayannakos, “Comparative analysis of biodiesel versus green diesel,” *Wiley Interdiscip. Rev. Energy Environ.*, vol. 3, no. 1, pp. 3–23, 2014, doi: 10.1002/wene.78.
- [13] G. D. V. Nolfi, K. Gallucci, and L. Rossi, “Green diesel production by catalytic hydrodeoxygenation of vegetables oils,” *Int. J. Environ. Res. Public Health*, vol. 18, no. 24, 2021, doi: 10.3390/ijerph182413041.
- [14] E. Martinez-Hernandez, L. F. Ramírez-Verduzco, M. A. Amezcua-Allieri, and J. Aburto, “Process simulation and techno-economic analysis of bio-jet fuel and green diesel production — Minimum selling prices,” *Chem. Eng. Res. Des.*, vol. 146, pp. 60–70, 2019, doi: 10.1016/j.cherd.2019.03.042.
- [15] Kusnarjo, *Desain Pabrik Kimia*. Surabaya, 2010.
- [16] B. P. Statistik, “Data Ekspor-Import Diesel Fuel, Fuel Oil,” 2017. <https://www.bps.go.id/linkTableDinamis/view/id/960>. (accessed Feb. 03, 2023).
- [17] F. J. Campanario and F. J. G. Ortiz, “Fischer-Tropsch biofuels production from syngas obtained by supercritical water reforming of the bio-oil aqueous phase,” *Energy Convers. Manag.*, vol. 150, no. August, pp. 599–613, 2017, doi: 10.1016/j.enconman.2017.08.053.
- [18] J. M. Fernández-Villamil and A. H. de M. Paniagua, “Preliminary design of the green diesel production process by hydrotreatment of vegetable oils,” *Eurecha*, p. 15, 2018, [Online]. Available: [https://web.fe.up.pt/~fgm/eurecha/scp\\_2018/eurecha2018\\_mainreport\\_1stprize.pdf](https://web.fe.up.pt/~fgm/eurecha/scp_2018/eurecha2018_mainreport_1stprize.pdf)
- [19] M. S. Nidzam *et al.*, “Influence of the Degumming Process Parameters on the Formation of Glyceryl Esters and 3-MCPDE in Refined Palm Oil: Optimization and Palm Oil Quality Analyses,” *Foods*, vol. 11, no. 1, 2022, doi:

10.3390/foods11010124.

- [20] L. M. Serrano-Bermúdez *et al.*, “Kinetic models for degumming and bleaching of phospholipids from crude palm oil using citric acid and Super Flo B80® and Tonsil®,” *Food Bioprod. Process.*, vol. 129, pp. 75–83, 2021, doi: 10.1016/j.fbp.2021.07.005.
- [21] S. A. Rachman, L. N. Komariah, A. I. Andwikaputra, and N. B. Umbara, “High Conversion and Yield of Biodiesel using Electrolysis Method,” *J. Phys. Conf. Ser.*, vol. 1095, no. 1, 2018, doi: 10.1088/1742-6596/1095/1/012040.
- [22] M. Mohammad, T. Kandaramath, Z. Yaakob, and Y. Chandra, “Overview on the production of paraffin based-biofuels via catalytic hydrodeoxygenation,” *Renew. Sustain. Energy Rev.*, vol. 22, no. X, pp. 121–132, 2013, doi: 10.1016/j.rser.2013.01.026.
- [23] “[Carl\_Yaws]\_Chemical\_Properties\_Handbook\_Physical(BookFi).pdf.”
- [24] [24] F. M. Books and J. Us, *Ebooks Chemical Engineering*.
- [25] “[D.Q. Kern]\_Process\_Heat\_Transfer(BookFi.org).pdf.”
- [26] C. & Richardson’s, *Chemical Engineering Design*, vol. 6. Chennai: Library of Congress, 2005.
- [27] Kusnarjo, *Ekonomi Teknik*. Surabaya: Institut Teknologi Sepuluh November, 2010.
- [28] Kusnarjo, “Desain Pabrik Kimia,” 2010