

References

- Adhiguna, P. (2021), 'Indonesia's Biomass Cofiring Bet. Beware of the Implementation Risks', Institute for Energy Economics and Financial Analysis. http://ieefa.org/wp-content/uploads/2021/02/Indonesias-Biomass-Cofiring-Bet_February-2021.pdf (accessed 4 January 2022).
- Agustian, A., E. Ariningsih, E. Gunawan, and K.S. Indraningsih (2020), 'The Study of Bioenergy with Molasses Raw Materials: Analysis of Potential and Problems in its Development in East Java, Indonesia', *E3S Web of Conferences* 232, 04005 (2021) <https://doi.org/10.1051/e3sconf/202123204005> (accessed 27 October 2021).
- Bisnis.com (2020), 'Hingga 2021, Kapasitas Produksi Biodiesel Bertambah 3,9 Juta Kl', 17 November. <https://ekonomi.bisnis.com/read/20201117/44/1318616/hingga-2021-kapasitas-produksi-biodiesel-bertambah-39-juta-kl#:~:text=Saat%20ini%2C%20total%20kapasitas%20terpasang,mencapai%2015%2D16%20juta%20kl> (accessed 22 July 2021).
- Casson, A., Y.I.K.D. Muliastira, and K. Obidzinski (2014), 'Large-Scale Plantations, Bioenergy Developments and Land Use Change in Indonesia', *Center for International Forestry Research Working Paper* 170. Bogor, Indonesia: CIFOR. https://www.cifor.org/publications/pdf_files/WPapers/WP170Casson.pdf (accessed 22 July 2021).
- CNBC Indonesia (2021), 'Biodiesel B40 Segera Disosialisasikan, Jadi Tahun Depan?' <https://www.cnbcindonesia.com/news/20211022194733-4-285957/biodiesel-b40-segera-disosialisasikan-jadi-tahun-depan> (accessed 27 October 2021).
- da Conceição, H.R., N. Arifiandi, H. Finlay, J. Hartill (2021), 'How Green Are Biofuels? Understanding the Risks and Policy Landscape in Indonesia', CDP (formerly Carbon Disclosure Project). https://cdn.cdp.net/cdp-production/cms/policy_briefings/documents/000/005/722/original/Biofuel_Policy_Brief_EN.pdf?1628248407 (accessed 4 January 2022)
- GAPKI (2020), 'Kinerja Industri Sawit Indonesia 2019', Gabungan Pengusaha Kelapa Sawit Indonesia (Indonesia Palm Oil Association). <https://gapki.id/kinerja-industri-sawit-indonesia> (accessed 10 April 2021).
- Green Investment Promotion Organization (n.d.), 'The Auction System under the FIT Act', <https://nyusatsu.teitanso.or.jp/> (in Japanese) (accessed 4 January 2022).
- Harahap, F., S. Leduc, S. Mesfun, D. Khatiwada, F. Kraxner, S. Silveira (2019), 'Opportunities to Optimize the Palm Oil Supply Chain in Sumatra, Indonesia', MDPI. <https://www.mdpi.com/1996-1073/12/3/420> (accessed 10 July 2021).

- Hidayat, A. (2020), 'Permintaan Naik Dobel Digit, Produsen Etanol Molindo Belum Menambah Kapasitas', Kontan.co.id., 22 March.
<https://industri.kontan.co.id/news/permintaan-naik-dobel-digit-produsen-etanol-molindo-belum-menambah-kapasitas> (accessed 31 March 2020).
- Indahsari, G.K., A. Daryanto, E.G. Said, R. Wibowo (2011), 'The Analytic Network Process of Indonesia's Bioethanol: Future Direction of Competitive Strategy and Policy', *Analisis Kebijakan Pertanian*, 9(3).
<http://ejurnal.litbang.pertanian.go.id/index.php/akp/rt/printerFriendly/4194/0> (accessed 4 January 2022).
- Japan Wood Pellet Association (JPA) (2020), 'Current Situation of Domestic Fuel Wood Pellet Manufacturer' (in Japanese). <https://w-pellet.org/> (accessed 4 January 2022).
- Japan Woody Bioenergy Association (2020), 'Trend of Domestic Biomass Fuel', Presentation material at a report meeting to Forestry Agency, Ministry of Agriculture, Forestry and Fisheries, held 28 February 2020 in Tokyo (in Japanese).
<https://jwba.or.jp/wp/wp-content/uploads/2022/01/66049c9ae268d14b9196dba3ccf804d1.pdf> (accessed 4 April 2022)
- Kimura, S., P. Han (eds.) (2021), *Energy Outlook and Energy Saving Potential in East Asia 2020*, Jakarta: ERIA, pp.102–21.
https://www.eria.org/uploads/media/Books/2021-Energy-Outlook-and-Saving-Potential-East-Asia-2020/14_Ch.7-Indonesia.pdf (accessed 22 July 2021).
- Kofman, P.D. (2017), 'Unit, Conversion Factors and Formulae for Wood for Energy', *Harvesting/Transportation* No. 21, Coford Connects,
<http://woodenergy.ie/media/coford/content/publications/projectreports/cofordconnects/ht21.pdf> (accessed on 18 October 2021).
- Malik, C.L. (2021), 'Indonesia Country Report', in S. Kimura and P. Han (eds.), *Energy Outlook and Energy Saving Potential in East Asia 2020*. Jakarta: ERIA, pp.102–21.
https://www.eria.org/uploads/media/Books/2021-Energy-Outlook-and-Saving-Potential-East-Asia-2020/14_Ch.7-Indonesia.pdf (accessed 22 July 2021).
- Mahidin, E., M. Zaki, H.H. Muhibbuddin, R. Mamat, H. Susanto (2020), 'Potential And Utilization Of Biomass For Heat Energy In Indonesia: A Review', *International Journal of Scientific & Technology Research*, 9(10)
https://www.researchgate.net/publication/346262259_Potential_And_Utilization_Of_Biomass_For_Heat_Energy_In_Indonesia_A_Review (accessed 4 January 2022).

- Ministry of Agriculture, Forestry and Fishery (MAFF) (2020), 'Statistics of Wood Biomass' (in Japanese), Forestry Agency. <https://www.e-stat.go.jp/stat-search/files?page=1&layout=datalist&toukei=00501008&tstat=000001095155&cycle=7&year=20190&month=0&tclass1=000001095156&tclass2=000001148366> (accessed 22 July 2021).
- Ministry of Agriculture, Forestry and Fishery (MAFF) (2021b), 'Targeted Amount Specified in Forest and Forestry Basic Plan (draft)' Forestry Agency, <https://www.rinya.maff.go.jp/j/rinsei/singikai/attach/pdf/210329si-10.pdf> (in Japanese) accessed 4 October 2021.
- Ministry of Agriculture, Forestry and Fishery (MAFF) (2021a), 'Current Situations on Biomass Utilization' <https://www.maff.go.jp/j/shokusan/biomass/attach/pdf/index-110.pdf> (in Japanese) accessed 4 October 2021.
- Ministry of Energy and Mineral Resources (MEMR) (2019), 'Pahami Istilah B20, B30, B100, BBN dalam Bioenergy (Understanding the terms of B20, B30, B100, BBN in Bioenergy)', Public Relation of the Directorate General of New and Renewable Energy and Energy Conservation (EBTKE) of the Ministry of Energy and Mineral Resources, 18 December. <http://ebtke.esdm.go.id/post/2019/12/18/2433/pahami.istilah.b20.b30.b100.bbn.dalam.bioenergi?lang=en> (accessed 2 March 2020).
- Ministry of Economy, Trade and Industry (METI) (2015), *Long-term Energy Supply and Demand Outlook (related materials)* (in Japanese). https://www.meti.go.jp/english/press/2015/pdf/0716_01a.pdf. (accessed 6 January 2022).
- Ministry of Economy, Trade and Industry (METI) (2020a), *Biomass Power Generation* (in Japanese), The 65th Procurement Price Calculation Committee. https://www.meti.go.jp/shingikai/santeii/pdf/065_04_00.pdf (accessed 6 January 2022).
- Ministry of Economy, Trade and Industry (METI) (2020b), *Sustainable Woody Biomass Power Generation* (in Japanese), The 1st Working Group on Forestry and Woody Biomass Power Industry Development. https://www.meti.go.jp/shingikai/energy_environment/biomass_hatsuden/pdf/01_02_00.pdf (accessed 6 January 2022).
- Ministry of Economy, Trade and Industry (METI) (2021a), *Prospective Renewable Energy Policy* (in Japanese), The 25th Subcommittee on Mass Introduction of Renewable Energy and Next-Generation Electricity Networks. https://www.meti.go.jp/shingikai/enecho/denryoku_gas/saisei_kano/pdf/025_01_00.pdf. (accessed 6 January 2022).

- Ministry of Economy, Trade and Industry (METI) (2021b), *Perspectives on Renewable Energy in 2030* (in Japanese), The 31st Subcommittee on Mass Introduction of Renewable Energy and Next-Generation Electricity Networks.
https://www.meti.go.jp/shingikai/enecho/denryoku_gas/saisei_kano/pdf/031_02_00.pdf (accessed 6 January 2022).
- Ministry of Economy, Trade and Industry (METI) (2021c), *Summary of Interim Report* (in Japanese), The 8th Working Group on Coal-fired Power Plants.
https://www.meti.go.jp/shingikai/enecho/denryoku_gas/denryoku_gas/sekitan_karyoku_wg/pdf/008_03_00.pdf (accessed 6 January 2022).
- Ministry of Economy, Trade and Industry (METI) (n.d.), *FIT Tariff Rates for FY 2021 Onwards* (in Japanese),
https://www.enecho.meti.go.jp/category/saving_and_new/saiene/kaitori/fit_kaku.html (accessed 22 December 2021).
- Ministry of Economy, Trade and Industry (METI) (n.d.), *Statistics of Renewable Power Generation* (in Japanese), <https://www.fit-portal.go.jp/PublicInfoSummary> (accessed 2 December 2021).
- Murdiyatmo, U. (2021), *2nd Generation BioEthanol in Indonesia: Prospect & Challenges*, Presentation of Indonesian Ethanol Association (ASENDO) for the ERIA team, 29 January. (accessed 8 January 2022).
- NREL (2011), 'Process Design and Economics for Biochemical Conversion of Lignocellulosic Biomass to Ethanol', Technical Report, NREL/TP-5100-47764, May.
<https://www.nrel.gov/docs/fy11osti/47764.pdf> (accessed 27 October 2021).
- Pertamina (2020), 'Kuota B30 dan Premium per Provinsi: Penyaluran BBM Bersubsidi Pertamina'. <https://pertamina.com/id/kuota-b30--premium-per-provinsi> (accessed 27 October 2021).
- Pirard et al. (2017), 'Prospects for Wood-based Electricity for the Indonesian National Energy Policy'.
https://www.cifor.org/publications/pdf_files/WPapers/WP231Pirard.pdf (accessed 19 October 2021).
- Relevant Ministries Liaison Committee for Biomass Industrial Area (2021), *Support Measures to Encourage Biomass Use* (in Japanese),
<https://www.maff.go.jp/i/shokusan/biomass/attach/pdf/index-105.pdf> (accessed 4 November 2021).
- Reuter.com (2021), *Japan boosts renewable energy target for 2030 energy mix*, 21 July,
<https://www.reuters.com/business/energy/japan-boosts-renewable-energy-target-2030-energy-mix-2021-07-21/> (accessed 1 April 2022)
- Setiawan, I.C. (2021), 'Automotive Contribution to Support Oil Reduction through Biofuel Utilization', Presentation by Mr Indra Chandra Setiawan from Toyota for the ERIA study team, March 2021. (accessed 4 January 2022).

- Sulaiman, A.M., Y. Sulaeman, N. Mustikasari, A.M. Syakir (2019), 'Increasing Sugar Production in Indonesia through Land Suitability Analysis and Sugar Mill Restructuring', *Land*, 8(4), p.61. <https://doi.org/10.3390/land8040061> (accessed 27 October 2021).
- Tan, M., C. Chiam, N.J. Zhi, and S.Y. Cheong (2020), 'Indonesia Maintains Sights on Fuel Self-sufficiency in Light of New Challenges', *S&P Global Platts*, 17 June. <https://www.spglobal.com/platts/en/market-insights/latest-news/oil/061720-indonesia-maintains-sights-on-fuel-self-sufficiency-in-light-of-new-challenges> (accessed 22 June 2020).
- Trade Statistics of Japan (n.d.), *National statistical item information*. <https://www.customs.go.jp/toukei/search/futsu1.htm> (accessed 18 October 2021).
- USDA (2019), 'Biofuel Annual: Indonesia Biofuel Annual Report 2019', *Global Agricultural Information Network (GAIN) Report* Number: ID1915, 15 July. <https://www.fas.usda.gov/data/indonesia-biofuels-annual-4> (accessed on 2 December 2021).
- Widodo, T. et al. (2021), 'Current Status of Bioenergy Development in Indonesia', Paper presented at the Regional Forum on Bioenergy Sector Development: Challenges, Opportunities, and Way Forward. <https://un-csam.org/sites/default/files/2021-01/0203.pdf>. (accessed on 3 November 2021).
- Winarno, D. (2021), 'Biomass Production and Supply Chain in Indonesia', Presentation of the Indonesian Biomass Energy Society (IBES) for the ERIA team, 14 January 2021.
- Wiratmini, N.P.E. (2020), 'Pemerintah Cari Sumber Insentif untuk Pemanfaatan Bioetanol', *Bisnis.com*, 27 January, <https://ekonomi.bisnis.com/read/20200127/44/1194302/pemerintah-cari-sumber-insentif-untuk-pemanfaatan-bioetanol> (accessed 1 April 2020).