

## REFERENCES

- [1] F. T. Barr and A. A. Weegar, *Stratigraphic Nomenclature of the Sirte Basin, Libya*. Petroleum Exploration Society of Libia, 1972.
- [2] T. S. Ahlbrandt, *The sirte basin province of Libya: sirte-zelten total petroleum system*. US Department of the Interior, US Geological Survey, 2001.
- [3] M. Elmnifi, M. Alshelmany, M. ALhammaly, and O. Imrayed, "Engineering Heritage Journal (GWK)."
- [4] F. A. Memon, I. Alharsha, and R. Farmani, "An assessment of per capita water consumption in Sirte, Libya," 2018.
- [5] A. A. H. Ali, Z. M. A. Alrahman, O. H. Alfeetori, and W. A. Jebril, "Biomass energy: Bio-ethanol production from date molasses using alcoholic fermentation," in *AIP Conference Proceedings*, 2019, vol. 2146, no. 1, p. 20010.
- [6] W. Bank, "World Bank Garbage," 2020, 2020. .
- [7] B. Dunia, "Solid Wasted Management," 2020, 2020. .
- [8] A. Ali and C. Ezeah, "Framework for Management of Post-Conflict Waste in Libya," *Eur. Sci. J.*, vol. 13, no. 5, pp. 32–49, 2017.
- [9] S. Bai, X. Wang, G. Huppess, X. Zhao, and N. Ren, "Using site-specific life cycle assessment methodology to evaluate Chinese wastewater treatment scenarios: A comparative study of site-generic and site-specific methods," *J. Clean. Prod.*, vol. 144, pp. 1–7, 2017.
- [10] R. Cremiato, M. L. Mastellone, C. Tagliaferri, L. Zaccariello, and P. Lettieri, "Environmental impact of municipal solid waste management using Life Cycle Assessment: The effect of anaerobic digestion, materials recovery and secondary fuels production," *Renew. Energy*, vol. 124, pp. 180–188, 2018.
- [11] M. Elmnifi, M. Amhamed, N. Abdelwanis, and O. Imrayed, "Waste-to-energy potential in Tripoli City–Libya," *Environ. Ecosyst. Sci.*, vol. 2, no. 1, pp. 1–3, 2018.
- [12] F. E. Rachmadanti, "Pengembangan bahan pengayaan fisika Pembangkit Listrik Tenaga Sampah (PLTSa) Bekasi Jawa Barat." UIN Sunan Gunung Djati Bandung, 2018.
- [13] M. I. YUNIAR, "STUDI POTENSI PEMANFAATAN SAMPAH MELALUI PERENCANAAN BIODIGESTER UNTUK PEMBANGKIT TENAGA LISTRIK DI KOTA BANDUNG," *J. Online Mhs. Bid. Tek. Elektro*, vol. 1, no. 1, 2017.
- [14] W. Suweno, "Studi Kelayakan Pembangkit Listrik Tenaga Sampah Plastik Ditinjau

- dari Sisi Ekonomi di Wilayah Yogyakarta,” 2016.
- [15] N. Dodi, S. Syafii, and S. Raharjo, “Studi Kajian Kelayakan Pembangunan Pembangkit Listrik Tenaga Sampah (PLTSa) Kota Padang (Studi Kajian di TPA Air Dingin Kota Padang),” *J. Tek. Elektro*, vol. 4, no. 2, 2015.
- [16] A. H. HARAHAAP, “STUDI KELAYAKAN PEMBANGKIT LISTRIK TENAGA SAMPAH DI KOTA PEKANBARU.” Universitas Islam Negeri Sultan Syarif Kasim Riau, 2018.
- [17] A. Nazlie Haq, “Studi Potensi Pembangkit Listrik Listrik Tenaga Sampah Di Kota Banjarmasin,” *eprints.undip.ac.id*, p. 9, 2012.
- [18] B. H. Pirngadie, D. P. W. K. Unpas, and N. K. Supriatna, “Potensi Pemanfaatan Sampah Menjadi Listrik Di TPA Cilowong Kota Serang Provinsi Banten,” *Ketenagalistrkan dan Energi Terbarukan*, vol. 14, no. 2, pp. 103–116, 2015.
- [19] S. L. Allo and H. Widjasena, “STUDI POTENSI PEMBANGKIT LISTRIK TENAGA SAMPAH (PLTSa) PADA TEMPAT PEMBUANGAN AKHIR (TPA) MAKBON KOTA SORONG,” *Electro Luceat*, vol. 5, no. 2, pp. 14–24, 2019, doi: 10.32531/jelekn.v5i2.150.
- [20] A. Budiman, “Kajian Tekno Ekonomi Potensi Sampah Kota Pontianak Sebagai Sumber Pembangkit Listrik Tenaga Uap (PLTU),” *Elkha*, vol. 8, no. 1, pp. 1–6, 2016, doi: 10.26418/elkha.v8i1.14385.
- [21] M. R. Purwaningsih, “Analisis Biaya Manfaat Sosial Keberadaan Pembangkit Listrik Tenaga Sampah Gedebage Bagi Masyarakat Sekitar,” *J. Reg. City Plan.*, vol. 23, no. 3, pp. 225–240, 2012.
- [22] M. Elmnifi, M. Alshilmany, and M. Abdraba, “Potential of Municipal Solid Waste in Libya For Energy Utilization,” *globe*, vol. 11, p. 13, 2019.
- [23] M. Carpentieri, A. Corti, and L. Lombardi, “Life cycle assessment (LCA) of an integrated biomass gasification combined cycle (IBGCC) with CO<sub>2</sub> removal,” *Energy Convers. Manag.*, vol. 46, no. 11–12, pp. 1790–1808, 2005.
- [24] C. Samuel, O. Custudio, E. Tongco, and C. C. Tiangco, “Promotion of Renewable Energy, Energy Efficiency and Green House Gas Abatement (PREGA) Philippines Waste to energy Project,” *Tech. Rep., Pineapple Process. Waste Biomethanation Treat. Plant A Prefeasibility study report, Prep. by PREGA Natl. Tech. Expert. from CPI Energy Philipp.*, 2006.
- [25] N. Ritchie and C. Smith, “Comparison of greenhouse gas emissions from waste-to-energy facilities and the Vancouver landfill,” *City Vancouver*, 2009.

- [26] V. Filimonau, J. Dickinson, D. Robbins, and M. A. J. Huijbregts, "Reviewing the carbon footprint analysis of hotels: Life Cycle Energy Analysis (LCEA) as a holistic method for carbon impact appraisal of tourist accommodation," *J. Clean. Prod.*, vol. 19, no. 17–18, pp. 1917–1930, 2011.
- [27] E. I. Wiloso, R. Heijungs, and G. R. De Snoo, "LCA of second generation bioethanol: a review and some issues to be resolved for good LCA practice," *Renew. Sustain. Energy Rev.*, vol. 16, no. 7, pp. 5295–5308, 2012.
- [28] L. Nikmah and I. Warmadewanthi, "Prediksi Potensi Pencemaran Pengolahan Sampah dengan Metode Gasifikasi Fluidized Bed (Studi Kasus: TPA Benowo, Surabaya)," *J. Tek. ITS*, vol. 2, no. 1, pp. D14–D16, 2013.
- [29] S. F. NISRINA, "POTENSI SAMPAH UNTUK PEMBANGKIT LISTRIK TENAGA SAMPAH (PLTSa) KOTA SEMARANG," 2018.
- [30] M. Monice and S. Syafii, "OPERASI EKONOMIS (Economic Dispatch) PEMBANGKIT LISTRIK TENAGA SAMPAH (PLTSa) DAN (PLTG) DALAM MELAYANI BEBAN PUNCAK KELISTRIKAN SUMBAR," *J. Tek. Elektro*, vol. 2, no. 3, 2013.
- [31] P. Monice, "ANALISIS POTENSI SAMPAH SEBAGAI BAHAN BAKU PEMBANGKIT LISTRIK TENAGA SAMPAH (PLTSA) DI PEKANBARU," *SainETIn*, vol. 1, no. 1, pp. 9–16, 2016.
- [32] G. SAPUTRA, "PERANCANGAN PEMBANGKIT LISTRIK TENAGA SAMPAH (PLTSa) DI KOTA PEKANBARU." Universitas Islam Negeri Sultan Syarif Kasim Riau, 2018.
- [33] R. Ratnaningsih, H. Widyatmoko, and T. Yananto, "Potensi pembentukan biogas pada proses biodegradasi campuran sampah organik segar dan kotoran sapi dalam batch reaktor anaerob," *J. Teknol. Lingkung. Univ. Trisakti*, vol. 5, no. 1, pp. 19–26, 2009.
- [34] A. T. R. I. PRASETIYO, "STUDI EVALUASI PEMBANGKIT LISTRIK TENAGA SAMPAH DI TEMPAT PENGOLAHAN SAMPAH TERPADU BANTARGEBAH," *J. Online Mhs. Bid. Tek. Elektro*, vol. 1, no. 1, 2017.
- [35] D. Alfilianto, T. Utomo, and M. Shidiq, "Studi Kelayakan Pembangunan Pembangkit Listrik Tenaga Sampah (PLTSa) di TPA Supit Urang Kota Malang," *J. Mhs. TEUB*, vol. 4, no. 4, 2016.
- [36] S. Supriyadik and S. T. Aris Budiman, "Analisis Potensi Daya Listrik Pembangkit Listrik Tenaga Sampah Kawasan TPA Putri Cempo Surakarta." Universitas Muhammadiyah Surakarta, 2020.

- [37] F. Farid and M. N. Qosim, "Studi Perencanaan Potensi Pembangkit Listrik Tenaga Sampah (PLTSa) Berbasis Pemanfaatan Gas Metana Studi Kasus: TPA Rawa Kucing Tangerang." Sekolah Tinggi Teknik PLN, 2019.
- [38] A. Fatimah, "Analisis Kelayakan Usaha Pengolahan Sampah Menjadi Pembangkit Listrik Tenaga Sampah (Pltsa) Di Kota Bogor," *Skripsi. Fak. Pertanian. Inst. Pertan. Bogor*, 2009.
- [39] U. I. FARUQ, "Studi Potensi Limbah Kota sebagai Pembangkit Listrik Tenaga Sampah (Pltsa) Kota Singkawang," *J. Tek. Elektro Univ. Tanjungpura*, vol. 2, no. 1.
- [40] E. Damanhuri and T. Padi, "Pengelolaan sampah," *Diktat kuliah TL*, vol. 3104, pp. 5–10, 2010.
- [41] M. F. Rania, I. G. E. Lesmana, and E. Maulana, "Analisis Potensi Refuse Derived Fuel (Rdf) Dari Sampah Pada Tempat Pembuangan Akhir (Tpa) Di Kabupaten Tegal Sebagai Bahan Bakar Incinerator Pirolisis," *SINTEK J. J. Ilm. Tek. Mesin*, vol. 13, no. 1, pp. 51–59, 2019.
- [42] A. V. Kiswadayani, L. D. Susanawati, and R. Wirosodarmo, "Komposisi Sampah dan Potensi Emisi Gas Rumah Kaca pada Pengelolaan Sampah Domestik: Studi Kasus TPA Winongo Kota Madiun," *J. Sumberd. Alam dan Lingkung.*, vol. 2, no. 3, pp. 9–17, 2016.
- [43] B. R. Saragih, "Analisis potensi biogas untuk menghasilkan energi listrik dan termal pada gudung komersil di daerah perkotaan (studi kasus pada mal, metropolitan Bekasi)," 2010.
- [44] E. N. Ajiz, "Studi potensi dan karakteristik output daya di pembangkit listrik tenaga air (PLTA) Ubrug Sukabumi," *J. Online Mhs. Bid. Tek. Elektro*, vol. 1, no. 1, 2017.
- [45] S. Hellweg, "The Hitch Hiker's Guide to LCA—An Orientation in Life Cycle Assessment Methodology and Application, Henrikke Baumann, Anne-Marie Tillman, Studentlitteratur, Lund, Sweden (2004), p. 543, SEK 483 (approx. USD 70), ISBN: 91-44-02364-2." Elsevier, 2005.
- [46] F. Cherubini, S. Bargigli, and S. Ulgiati, "Life cycle assessment (LCA) of waste management strategies: Landfilling, sorting plant and incineration," *Energy*, vol. 34, no. 12, pp. 2116–2123, 2009.
- [47] P. F. M. Hermawan, M. Abduh, and R. Driejana, "LIFE CYCLE ANALYSIS (LCA) EMISI KARBON DIOKSIDA PADA PROYEK KONSTRUKSI (STUDI KASUS PADA BANGUNAN TINGKAT TINGGI)."
- [48] R. Kannan, C. P. Tso, R. Osman, and H. K. Ho, "LCA–LCCA of oil fired steam

- turbine power plant in Singapore,” *Energy Convers. Manag.*, vol. 45, no. 18–19, pp. 3093–3107, 2004.
- [49] A. P. L. T. M. HIDRO, D. I. DESA, B. P. K. BANTAENG, I. D. KALA, and M. U. H. F. BAHAR, “FAKULTAS TEKNIK JURUSAN TEKNIK ELEKTRO UNIVERSITAS MUHAMMADIYAH MAKASSAR.”
- [50] Safira Fegi Nisrina, “Prediction Of Potential Of Waste Power Plnat based On Population Using Hybrid Of Artificial Neural Network And Linier Regression,” 2020.
- [51] E. Allegrini, C. Vadenbo, A. Boldrin, and T. F. Astrup, “Life cycle assessment of resource recovery from municipal solid waste incineration bottom ash,” *J. Environ. Manage.*, vol. 151, pp. 132–143, 2015.

