

REFERENCES

Andrade, W. R. *et al.* (2016) 'Biogas production from ruminant and monogastric animal manure co-digested with manipueira', *Archivos de Zootecnia*, 65(251), pp. 375–380.

Badan Pusat Statistik (2018) *Statistik Kakao Indonesia 2017*.

Badiei, M. *et al.* (2014) 'Comparison of Chemical Pretreatment Methods for Cellulosic Biomass', *APCBEE Procedia*. No longer published by Elsevier, 9, pp. 170–174. doi: 10.1016/J.APCBEE.2014.01.030.

Bali, G. *et al.* (2015) 'The Effect of Alkaline Pretreatment Methods on Cellulose Structure and Accessibility', *ChemSusChem*, 8(2), pp. 275–279. doi: 10.1002/cssc.201402752.

Beevi B, S. (2013) 'Effect of total solid concentration on anaerobic digestion of the organic fraction of municipal solid waste', *International Journal of Scientific and Research Publications*, 3(8). Available at: www.ijsrp.org.

Garnsworthy, A. (2010) *The Different Varieties of Cocoa Beans: Criollo, Trinitario & Foraster*, *The Chocolate Society*.

Jørgensen, P. J. (2009) *Biogas-green energy. Process. Design. energy supply. environment* *Biogas-green energy Process • Design • Energy supply • Environment*.

Available at:

http://dca.au.dk/fileadmin/DJF/Kontakt/Besog_DJF/Oevelsesvejledning_og_baggrundsmateriale/Biogas_-_Green_Energy_2009_AU.pdf.

Lebe, D. *et al.* (2017) 'Access to Finance: The Cocoa Case Cocoa Sector Training for Financial Institution'.

Manyi-Loh, C. E. *et al.* (2013) 'Microbial anaerobic digestion (bio-digesters) as an

approach to the decontamination of animal wastes in pollution control and the generation of renewable energy.’, *International journal of environmental research and public health*. Multidisciplinary Digital Publishing Institute (MDPI), 10(9), pp. 4390–417. doi: 10.3390/ijerph10094390.

Muley, P. D. and Boldor, D. (2017) ‘ADVANCES IN BIOMASS PRETREATMENT AND CELLULOSIC BIOETHANOL PRODUCTION USING MICROWAVE HEATING’, (June), pp. 27–30.

Nazir, N. *et al.* (2016) ‘Optimization of Pre-treatment Process of Cocoa Pod Husk Using Various Chemical Solvents’, *International Journal on Advanced Science, Engineering and Information Technology*, 6(3), p. 403. doi: 10.18517/ijaseit.6.3.848.

Nieburg, O. (2013) *Cocoa waste packaging: Barry Callebaut and James Cropper paper packs*. Available at:

<https://www.confectionerynews.com/Article/2013/10/17/Cocoa-waste-packaging-Barry-Callebaut-and-James-Cropper-paper-packs>.

Orhorhoro, E. K., Eburnilo, P. O. and Sadjere, G. E. (2017) ‘Experimental Determination of Effect of Total Solid (TS) and Volatile Solid (VS) on Biogas Yield’, *American Journal of Modern Energy*, 3(6), pp. 131–135. doi:

10.11648/j.XXXX.2017XXXX.XX.

Putri, Monica Perdhani; Legowo, Evita H.; Widiputri, D. I. (2018) ‘Alkaline pretreatment of oil palm lignocellulosic waste for biogas production under wet and solid state fermentation’. Swiss German University.

Seadi, T. Al *et al.* (2008) *Biogas Handbook*.

Sobamiwa, O. and Longe, O. G. (1994) ‘Utilization of cocoa-pod pericarp fractions in broiler chick diets’, *Animal Feed Science and Technology*. Elsevier, 47(3–4), pp. 237–244. doi: 10.1016/0377-8401(94)90127-9.

Sun, Y. and Cheng, J. (2002) ‘Hydrolysis of lignocellulosic materials for ethanol production: a review’, *Bioresource Technology*. Elsevier, 83(1), pp. 1–11. doi: 10.1016/S0960-8524(01)00212-7.

Suyitno, Sujono, A. and Dharmanto (2010) 'Teknologi Biogas Pembuatan, Operasional, dan Pemanfaatan', *Graha Ilmu*, 1, p. 107.

Syam, L. K. (2010) 'Kajian Pemanfaatan Pod Kakao (*Theobroma cacao*) melalui Hidrolisis Asam Lignoselulosa untuk Menghasilkan Etanol.' Available at: <https://repository.ipb.ac.id/handle/123456789/62244>.

United Nation (2018) *State of the Climate in 2018 shows accelerating climate change impacts: Report - United Nations Sustainable Development*.

Walter Matter (no date) *Varieties of cocoa*.

Ward-Doria, M. *et al.* (2016) 'Production of biogas from acid and alkaline pretreated cocoa pod husk (*Theobroma cacao* l.)', *International Journal of ChemTech Research*, 9(11), pp. 252–260. doi: 10.1111/j.1365-3040.1996.tb00246.x.

Wolfe, R. S. (2011) 'Techniques for Cultivating Methanogens', in *Methods in enzymology*, pp. 1–22. doi: 10.1016/B978-0-12-385112-3.00001-9.

Yavini, T. D., Chia, A. I. and John, A. (2014) *Evaluation of the Effect of Total Solids Concentration on Biogas Yields of Agricultural Wastes*, *Int. Res. J. Environment Sci. International Science Congress Association*. Available at: www.isca.me.

Zheng, M. *et al.* (2009) 'Enhancing anaerobic biogasification of corn stover through wet state NaOH pretreatment', *Bioresource Technology*, 100(21), pp. 5140–5145. doi: 10.1016/j.biortech.2009.05.045.