



REFERENCES

- Abdullah, W. G., Rianse, U., Zulfikar, Ma'ruf, A., Rianse, I. S., Widayati, W., Baka, W. K., & Romantiaulia, W. I. (2019). Potential Use of Bamboo to Support Village Independence. *International Journal of Scientific & Technology Research*, 8(03).
- Adil, Zulfikar, Sidabutar, H., Susilo, C., & Justisia, A. (2014). A Study on Market Demand for Bamboo Products and Assessment of Bamboo Processing Technologies. Market Demand for Bamboo Products and Processing Technologies. *Forest Industry Revitalization Body BRIK: PT BRIK-QS*. Jakarta.
- Andika, A., Jennifer, J., Huang, J. C., & Sebastian, J. C. (2021). Analysis of Digital Marketing Adoption in Indonesian Micro, Small, and Medium Enterprises. *Jurnal Manajemen Bisnis*, 18(3). <https://doi.org/10.38043/jmb.v18i3.3173> (accessed on 20 February 2023)
- Anonymous. (2017). *Statistics Forestry Production 2017*. Badan Pusat Statistik. Jakarta.
- Anonymous. (2018). *Statistics Forestry Production 2018*. Badan Pusat Statistik. Jakarta.
- Anonymous. (2019). *Statistics Forestry Production 2019*. Badan Pusat Statistik. Jakarta.
- Anonymous. (2020). *Statistics Forestry Production 2020*. Badan Pusat Statistik. Jakarta.
- Anonymous. (2021). *Statistics Forestry Production 2021*. Badan Pusat Statistik. Jakarta.
- Anshari, Afifudin, G.Z., Nuriman, M., Gusmayanti, M., Arianie, E., Susana, L., Nusantara, R., Sugardjito, R. & Rafiastanto, J. A. (2010). Drainage and Land Use Impacts on Changes in Selected Peat Properties and Peat Degradation in West Kalimantan Province, Indonesia. *Bio geosciences*, 7, 3403–3419.



Arafa, W. A. A. (2019). Sonochemical Preparation of Dipicolinamide Mn-complexes and Their Application as Catalysts Towards Sono-synthesis of Ketones. *Journal of Heterocyclic Chemistry*, 56(4), 1403-1412. DOI: 10.1002/jhet.3518.

Barbier, E.B. & Hochard, J.P. (2016). Does Land Degradation Increase Poverty in Developing Countries?. *PLoS ONE*, 11, e0152973.

Batubara, N. P. M. (2021). Traditional Salung Musical Instruments in Paringgonan Village Jae KAB. Padang Lawas. *Undergraduate thesis*, Universitas Negeri Medan. Retrieved from <http://digilib.unimed.ac.id/45450/> (accessed on 20 February 2023)

Ben-Zhi, Z., Mao-Yi, F., Jin-Zhong, X., Xiao-Sheng, Y., & Zheng-Cai, L. (2005). Ecological Functions of Bamboo Forest: Research and Application. *Journal of Forestry Research*, 16(2), 143–147.

Bhusal, Satish, Sangita & Bashyal. (2020). Assessing the Status, Utilization and Market Value Chain of Bamboo Species. *Global Scientific Journal*, 8(7), ISSN 2320-9186.

Chen, W.Q., Hool, A., Hirohata, A., Thorenz, A., Ku, A., Reller, A., Hagelüken, C., David Peck, D., Schrijvers, D., Liu, G., Sonnemann, G., Blengini, G.A., Goddin, J., Kosmol, J., Dewulf, J., Nansai, K., Habib, K., Ellen, L.v., Tercero, L., Gleuher, M.L., Hofmann-Amtenbrink, M., Grohol, M., Min-Ha Lee, M.H., Wäger, P.A., Nuss, P., Eggert, R., & Gauss, R. (2020). A Review of Methods and Data to Determine Raw Material Criticality. *Resources, Conservation and Recycling*, Volume 155, April 2020, 104617.

Dhanarajan, G., Sastry, C. B., China, Lin ye bu, International Bamboo Workshop. International Development Research Centre (Canada), & International Union of Forestry Research Organizations (Eds.). (1987). Recent Research on Bamboos: Proceedings of the International Bamboo Workshop. October 6-14. 1985. Hangzhou. People's Republic of



China. Chinese Academy of Forestry. People's Republic of China; International Development Research Centre, Canada.

Duarte. Bustamante, A.M., Pfeffera, K., Indriansyah, N.R., Bhuanab, A.A.D.C., Artenang, A.F., Nurmanc, A., Fahmi, F.Z., Ramdan, D., Iskandar, Z.S. & Madureira, M. (2022). *Creative Industries Journal Creative Industries in Indonesia: A Socio-spatial Exploration of Three Kampongs in Bandung*. PGM. ITC. University of Twente, Enschede, The Netherlands; Urban and Regional Planning Faculty, Institut Teknologi Bandung (ITB), Jawa Barat, Indonesia; National Centre for Indonesia Leadership (Inisiatif), Bandung, Indonesia.

Dritsakis, N. (2012). Tourism Development and Economic Growth in Seven Mediterranean Countries: A Panel Data Approach. *Tourism Economics*. 18(4). 801–816.
<https://doi.org/10.5367/te.2012.0140> (accessed on 20 February 2023)

Emir. (2010). *Quantitative and Qualitative Research Methodology*. Jakarta: Rajawali Press.

Ekalypta, P., Pudjiastuti, A. Q., & Hamzah, A. (2018). Bamboo Supply Chain in Dalisodo Village, Malang Regency. *International Journal of Management, Accounting and Economics*, 5(8), 658. ISSN 2383-2126. URL: www.ijmae.com. (accessed on 20 February 2023)

Faruqi, S., Wu, A., Brolis, E., Anchondo, A., Ortega. & Batista, A. (2018). *The Business of Planting Trees: A Growing Investment Opportunity*. World Resources Institute. USA.

Fitmawati, Ikhsan, M., Kurniawan, H., Yundika, Z., Wahyuda, B., Pranata, S., Kholifah, S.N., Sofiyanti, N., Wahibah, N.N., Khairijon & Adnan, A., (2021). Species Diversity and



Environmental Effects on Bamboo (Bambusoideae) In Estuaries Along the East Coast of

Sumatra, Sabrao. *Journal of Breeding and Genetics* 53 (3) 403-416.

Fleischer, A., & Tchetchik, A. (2005). Does Rural Tourism Benefit From Agriculture?.

Tourism Management. 26(4). 493 – 501. <https://doi.org/10.1016/j.tourman.2003.10.003>

(accessed on 20 February 2023)

Gao, J., & Wu, B. (2017). Revitalizing Traditional Villages Through Rural Tourism: A Case Study of Yuanjia Village, Shaanxi Province, China. *Tourism Management*. 63. 223–233.

<https://doi.org/10.1016/j.tourman.2017.04.003> (accessed on 20 February 2023)

Gaveau, D.L., Sheil, D., Salim, M.A., Arjasakusuma, S., Ancrenaz, M., Pacheco, P. & Meijaard, E. (2016). Rapid Conversions and Avoided Deforestation: Examining Four Decades of Industrial Plantation Expansion in Borneo. *Sci. Rep.* 6. 32017.

Hanif, I., Aziz, B., & Chaudhry, I. S. (2019). Carbon emissions across the spectrum of renewable and nonrenewable energy use in developing economies of Asia. *Renewable Energy*, 143, 586-595.

Hartono, Rudi, Iswanto, A.P., Priadi, T., Herawati, E., Farizky, F., Sutiawan, J. & Sumardi, I. (2022). Physical, Chemical, and Mechanical Properties of Six Bamboo from Sumatera Island Indonesia and Its Potential Applications for Composite Materials.

Henley, A., & Song, M. (2019). Innovation, internationalisation and the performance of microbusinesses. *International Small Business Journal: Researching Entrepreneurship*, Volume 38(4), Halaman. DOI: 10.1177/0266242619893938.

Hiziroglu, S., Jarusombuti, S., Fueangvivat, V., Bauchongkol, P., Soontonbura, W. & Darapak, T. 2005. Properties of Bamboo-Rice Straw-Eucalyptus Composite Panels.



Hornby, A. S., & Wehmier, S. (2005). Oxford Advanced Learner's Dictionary of Current English: An International Student's (7th ed.). Oxford: Oxford University Press.

Hutauruk, T. R., Lahjie, A. M., Simarangkir, B. D. A. S., Aipassa, M. I., & Ruslim, Y. (2018). The prospect of the utilization of Non-Timber Forest Products from Setulang Village forest based on local knowledge of the Uma Longh community in Malinau, North Kalimantan, Indonesia. *Biodiversitas*, 19(2), 421-430. DOI: 10.13057/biodiv/d190209.

Huzaemah, Mulyaningsih, T. & Aryanti, E. (2016). Identification of Bamboo in the Tiupupus River Basin, North Lombok Regency. *Journal of Tropical Biology* 16(2):24.

Iqbal, M., Putri, E.I.K & Bahruni, (2014). *Jurnal Penelitian Sosial dan Ekonomi Kehutanan*, Vol. 11 No. 2, Hal. 91 - 105.

Komara, E. (2012). Continuous Professional Development (PKB) and Classroom Action Research (CAR) for Teachers. Bandung: Alphabeta.

Kuspradini, H., Pasedan, W. F., & Kusuma, I. W. (2016). Aktivitas Antioksidan dan Antibakteri Ekstrak Daun Pometia pinnata. *Jurnal Jamu Indonesia*, Volume 1(1), Halaman. DOI: 10.29244/jji.v1i1.5.

Latif, A., M., & Liese, W. (2002). Culm Characteristics of Two Bamboos in Relation to Age, Height and Site. Proceedings of the 5th International Bamboo Congress and the 6th International Bamboo Workshop (pp. 223- 233). San José, Costa Rica.

Langenheim, J. H. (2004). Plant resins: chemistry, evolution, ecology, and ethnobotany. *Journal of Ethnopharmacology*, 95(2-3). DOI: 10.1016/j.jep.2004.08.003.

Long, H., Tu, S., Ge, D., Li, T., & Liu, Y. (2016). The Allocation and Management of Critical Resources in Rural China Under Restructuring: Problems and Prospects. *Journal of*



20 February 2023)

Mady, K., Halim, M. A. S. A., Omar, K., Abdelkareem, R. S., & Battour, M. (2022).

Institutional pressure and eco-innovation: The mediating role of green absorptive capacity and strategically environmental orientation among manufacturing SMEs in Egypt. Cogent Business & Management, 9(1). DOI: 10.1080/23311975.2022.2064259.

Malanit, P., Barbu, M. C. & Frühwald, A. (2011). Physical and Mechanical Properties of Oriented Strand Lumber Made from an Asian Bamboo (*Dendrocalamus asper* Backer). European Journal of Wood and Wood Products. 69. 27-36.

MarketLine Industry Profile. (2022). Construction Materials in Indonesia. Reference Code: 0103-2030. Publication Date: July 2022. Primary NAICS: 423320

WWW.MARKETLINE.COM (accessed on 10 February 2023)

MarketLine Industry Profile. (2022). Paper & Paperboard in Indonesia. Reference Code: 0103-2406. Publication Date: September 2022. Primary NAICS: 3221, WWW.MARKETLINE.COM (accessed on 10 February 2023)

Maulana, Iqbal, M., Jeon, W.S., Purusatama, B.D., Kim, J.H., Prasetia, D., Yang, G.U., Savero, A.M., Nawawi, D.S., Nikmatin, S., Sari, R.K., Febrianto, F., Lee, S.H. & Kim, N.H. (2022). Anatomical Characteristics for Identification and Quality Indices of Four Promising Commercial Bamboo Species in Java, Indonesia. BioResources 17(1). 1442-1453. 1442. Peer-Reviewed Article Bioreources.Com. (accessed on 15 February 2023)

Margono, B.A., Potapov, P.V., Turubanova, S., Stolle, F. & Hansen, M.C., (2014). Primary Forest Cover Loss in Indonesia Over 2000–2012. *Nat. Clim. Chang* 4, 730.



Mayasari, A. & Suryawan A. (2012). The Diversity of Bambu Types and Its Utilization in Alas Purwo National Park. Balai Penelitian Kehutanan Manado Jl. Raya Adipura, Kima Atas, Mapanget, Manado.

Merriam, S. B. (2001). *Qualitative Research and Case Study Applications in Education*. San Francisco: Jossey-Bass Publishers.

Ministry of Environment and Forestry of the Republic of Indonesia. Information Management and Documentation Officer. (2021). SP.434/HUMAS/PP/HMS.3/12/2021, <http://ppid.menlhk.go.id/berita/siaran-pers/6330/capaian-tora-dan-perhutanansosial-ditahun-2021>. (Accessed on 30 January 2023)

Moleong, L. J. (2017). *Qualitative Research Methodology*. Bandung: PT. Rosdakarya Youth.

Nopirin. (2000). Introduction to Economics - Micro and Macro, Yogyakarta: BPFE Publisher.

Non-Wood Forest Product 3. (1995). Report of the: International Expert Consultation on Non-Wood Forest Product. 17-27 January 1995. Yogyakarta. M-37 ISBN 92-5-103701-9. Food and Agriculture Organization of the United Nations

Nugroho, N., & Ando, N. (2001). Development of Structural Composite Products Made From Bamboo II: Fundamental Properties of Laminated Bamboo Lumber. Journal of Wood Science. 47. 237-242.

Oentoro, K. & Wiyatiningsih, W. (2021). "Bamboo Furniture Design Development with Used Newspaper as an Environmentally Friendly Product in Sleman Regency". Advances in Social Science, Education and Humanities Research. volume 625. ICON ARCCADE 2021: The 2nd International Conference on Art, Craft, Culture and Design (ICON-ARCCADE 2021).



Osei, R., Ansong, M. & Zerbe, S. (2019). "Comparison of Socio-economic and Ecological

Benefits of Bamboo and Trees: The Perspectives of Local Communities in South-Western Ghana" Journal of Forest Science 81(3). 255-260. DOI: 10.2989/20702620.2019.1581499.

Otjo & Atmadja. (2006). The Forgotten Traditional Bamboo Plant. <http://www.freelist.org/archive/ppi/09/2006/msg00010.html>. Retrieved November 14, 2020. Pujoalwanto, Basuki. 2014. Indonesian Economy Historical and Empirical Goal.

Rohmadi, S., & Aulia, M. P. (2021). Pemberdayaan Masyarakat Melalui Kerajinan Kandang Ayam di Desa Lampar, Tamansari, Boyolali. Jurnal Ekonomi, Sosial & Humaniora, 2(09), 101-105. <https://www.jurnaltelektiva.com/index.php/jurnal/article/view/459> (accessed on 20 February 2023)

Richardson, D., Canavan, S. (2015). Understanding the Risks of an Emerging Global Market for Cultivating Bamboo: Considerations for a More Responsible Dissemination of Alien Bamboos. In Proceedings of the 10th World Bamboo Congress, Damyang, Korea, 17–22 September 2015.

Ruppin & Dafna. (2014). From "Crocodile City" to "Ville Lumière": Cinema Spaces on the Urban Landscape of Colonial Surabaya. SOJOURN: *Journal of Social Issues in Southeast Asia* Vol. 29. No. 1(2014). pp. 1-30 DOI; 10.1355/sj2g-la © 2014 ISEAS ISSN 0217-9520 print / ISSN 1793-2858 electronic.

Shafi, Mohsin, Szopik-Depczyńska, K., Cheba, K., Ciliberto, C., Depczyński, R. & Ioppolo, G. (2022). Innovation In Traditional Handicraft Companies Towards Sustainable Development. A Systematic Literature Review, *Technological and Economic*



Sharma, Roshan, Wahono, J. & Baral, H. (2018). Bamboo as an Alternative Bioenergy Crop and Powerful Ally for Land Restoration in Indonesia. *Sustainability* 2018. 10. 4367; doi:10.3390/su10124367. www.mdpi.com/journal/sustainability (accessed on 10 February 2023)

Shukla, Vishal, V. & Waghmare, R. M. (2016). A Plant Layout Design for a Bamboo Furniture Industry 2016 *IJSRSET*. Volume 2. Issue 1. Print ISSN: 2395-1990. Online ISSN:2394-4099 Themed Section: Engineering and Technology.

Song, X., Zhou, G., Jiang, H., Yu, S., Fu, J., Li, W., Wang, W., Ma, Z. & Peng, C. (2019). Carbon Sequestration by Chinese Bamboo Forests and Their Ecological Benefits: Assessment of Potential, Problems, and Future Challenges. *Environ. Rev.* 19. 418–428.

Soendjoto, M., Wahyudi, F., Riefani, M.K., & Triwibowo, D. (2020). Avifauna di Area Reklamasi PT Adaro Indonesia. *Jurnal Silvikultur Tropika*, 11, 170-176

Sofiana, Y., Wahidiyat, M., & Caroline, O.S. (2018). Bamboo as Sustainable Material for Furniture Design in Disaster and Remote Areas in Indonesia. *International Journal of Sustainable Built Environment*, 7(2), 315-322. DOI: 10.1016/j.ijsbe.2018.07.001 (accessed on 20 February 2020)

Study Smarter. Marketing. Marketing Information Management. Research Instrument
<https://www.studysmarter.co.uk/explanations/marketing/marketing-information-management/research-instrument/> (accessed on 20 January 2023)

**IDENTIFICATION BUSINESS OPPORTUNITY OF BAMBOO COMMODITIES FOR EXPORT ACTIVITY**

David William Titus, Hargo Utomo, Dr., M.B.A.

Universitas Gadjah Mada, 2023 | Diunduh dari <http://etd.repository.ugm.ac.id/>UNIVERSITAS
GADJAH MADA

Sukmana, R., Fadhlillah, H., Ryandono, M. N. H., & Herianingrum, S. (2020). Protection of Natural Resources in Sustainable Economic Development. [Nama Jurnal], 83, 3544-3549. ISSN: 0193-4120.

Sulastiningsih, I.M., Ruhendi, S., Massijaya, M.Y., Darmawan, I.W. & Santoso, A. (2013). Effect on Nodes on the Properties of Laminated Bamboo Lumber. Wood Research Journal Vol.4 No 1.

Suleiman, M.S., Wasonga, V.O. & Mbau, J.S. *et al.* (2017). Non-Timber Forest Products and Their Contribution to Households' Income Around Falgore Game Reserve in Kano, Nigeria. *Ecol Process* 6. 23. <https://doi.org/10.1186/s13717-017-0090-8>.

Sumardi, I., Kojima, Y., & Suzuki, S. (2008). Effects of Strand Length and Layer Structure on Some Properties of Strand Board Made From Bamboo. *Journal of Wood Science*. 54. 128-133.

Sumarno, A., & Fitriawan, L. F. (2021). The Effect of Sawdust as Substitution of Fine Aggregate on Compressive Strength of Concrete. *ADRI International Journal of Civil Engineering*. 6(2). 81–87. <https://doi.org/10.29138/aijce.v6i2.39> (accessed on 20 February 2023)

Sumarno, S., Budiyanto, B., & Lestarinigsih, M. (2021). The Impact of Costs and School Environment Against the Decision to Choose Schools Through School Image. *EDUTEC: Journal of Education and Technology*. 4(4). 609-626. <https://doi.org/10.29062/edu.v4i4.224> (accessed on 5 February 2023)

Shukla, Dr. V.V., Waghmare & Prof. R., (2016). A Plant Layout Design for a Bamboo Furniture Industry. *International Journal of Scientific Research in Science, Engineering and Technology. IJSRSET*. Volume 2. Issue 1. Print ISSN: 2395-1990. Online ISSN:



2394-4099. Shri. Ramdeobaba College of Engineering and Management, Nagpur, M.S.,

India.

Supriadi, A. & Trisatya, D.R. (2021). Engineered Bamboo: The Promising Material for Building and Construction Application in Indonesia. IOP Conf. Ser.: Earth Environ. Sci. 886 012040.

Tan, L. (2004). Mengenal Bambu Dan Manfaatnya Terhadap Konservasi Alam, Kontruksi dan Kerajinan. http://www.geocities.com/ewang_unpatti/seminar.html (accessed on 22 February 2023)

Tien, Chengli & Luan, C.J. (2015). Is the Magic of the Diaspora Fact or Fiction? A Study of Taiwan's Trade Performance in the Bamboo Network. *Emerging Markets Finance & Trade*. 51: S234–S250. 2015 Copyright © Taylor & Francis Group. LLC ISSN: 1540-496X print/1558-0938 online DOI: 10.1080/1540496X.2014.998890.

Urbšienė, L., Monkevičiūtė, R., & Navikaitė, U. (2014). Analysis of the Attractiveness and Competitiveness of the Securities Market in Lithuania. EKONOMIKA, 93(3), ISSN 1392-1258. Vilnius University International Business School, Lithuania.

Utomo, Marcellinus, Pieter, L. & Siagian, C.M. (2021). Value Chain Structure Analysis as A Starting Point for Bamboo Enterprise Development: Lessons from Gunung Kidul, Indonesia, *Forest and Society*. Vol. 5(2): 405-420. November 2021.

Widnyana, K. (2012). *Bambu Dengan Berbagai Manfaatnya*. Bumi Lestari. S.I. 8(1): 1–10. ISSN 2527-6158.

Wong, K. M. (2004). *Bamboos The Amazing Grass*. International Plant Genetic Resources Institute (IPGRI) and University Malaya. Kuala Lumpur.

**IDENTIFICATION BUSINESS OPPORTUNITY OF BAMBOO COMMODITIES FOR EXPORT ACTIVITY**

David William Titus, Hargo Utomo, Dr., M.B.A.

Universitas Gadjah Mada, 2023 | Diunduh dari <http://etd.repository.ugm.ac.id/>UNIVERSITAS
GADJAH MADA

Zarovy, S., Costello, M., & Mehta, A. (2012). Experimental method for studying gust effects

on micro rotorcraft. Proceedings of the Institution of Mechanical Engineers, Part G:

Journal of Aerospace Engineering, 227(4). <https://doi.org/10.1177/0954410012440663>

(accessed on 20 February 2020)

Zhang, Q. S., Jiang, S. X., & Tang, Y. Y. (2002). Industrial Utilization on Bamboo: Technical

Report No. 26. The International Network for Bamboo and Rattan (INBAR). People's

Republic of China.