

Sustainable Smart Biowaste-to-Energy System for Regional Revitalization

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Co-funding:

PI for Kakenhi for JSPS Grant-in-Aid for Scientific Research (C)

Focus: Sustainable smart waste management

Member for Japan's Ministry of Environment funded research project: Environmental Research General Promotion Fund Resource Recycling Area Focus: **Contactless garbage collection system development**

Recent publications:

Pandyaswargo, A. H., Wibowo, A. D., & Onoda, H. (2022). Socio-techno-economic assessment to design an appropriate **renewable energy** system for remote agricultural communities in developing countries. Sustainable Production and Consumption, 31, 492-511.

Ogawa, A., Pandyaswargo, A. H., Tsubouchi, R., & Onoda, H. (2023). **Demonstration of a contactless waste collection system**: A Japanese case study. IET Smart Cities.

Pandyaswargo, A. H., Jagath Dickella Gamaralalage, P., Liu, C., Knaus, M., Onoda, H., Mahichi, F., & Guo, Y. (2019). Challenges and an implementation framework for sustainable **municipal organic waste management using biogas technology in emerging Asian Countries**. Sustainability, 11(22), 6331.

