

# DEVELOPMENT OF SUSTAINABLE WASTE MANAGEMENT BASED ON WASTE BANKS IN YOGYAKARTA CITY USING DIGITAL APPLICATION BANK SAMPAHKU

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## ABSTRACT

This community service has produced useful outcomes for waste bank-based waste management to realize sustainable waste management in Yogyakarta City. Based on the results of the application of community service products, it can be seen that the validators and waste bank managers assessed that it was feasible and had a high level of usefulness of technology application. The results of product application are directed to be able to have a sustainable impact on the achievement of the targets of Key Performance Indicators 2, 3, 4, and 5 and provide space for student involvement in MBKM learning. The targeted outputs of this community service include: (1) Android-based application prototype product "Bank Sampahku"; (2) Article publication to Sinta 3 Accredited National Journal; (3) Guidebook/manual book for using the "Bank Sampahku" application; (4) Certificates and proceedings of international seminars; (5) IPR; (6) Cooperation documents; (7) Report; (8) Video documentation; (9) Report.

Kata Kunci: *Waste bank, sustainable waste management, application*