

# **MBKM-KKNT: Readiness of Narotama University Students Involved in Application of Solar Power in Agricultural Tourism Development in Jombang**

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## **Abstract**

This study aims to determine the level of readiness of Narotama University students in Surabaya to be involved in the application of solar power in agricultural tourism development in Jombang. The research was conducted using a mixed-method, that is a descriptive quantitative approach and also a qualitative approach. The population in this study were all students of Narotama University Surabaya. This study uses a survey method, which uses all students of Narotama University Surabaya as research respondents. The number of students who have filled out the questionnaire is 1633 students. The data analysis technique used is descriptive statistics, including the frequency distribution and the mean. Further qualitative analysis was carried out on students who intend to take the MBKM - Village Development program or the Thematic Community Service Program (KKNT). Interviews were conducted with several students who are interested in choosing this program to find out the students' motivation for choosing this program and determine their readiness to be involved in this program. The results showed that most students already know all policies related to MBKM, most students choose MBKM-Student exchange, most students stated that curriculum documents, guidelines, and operational procedures for participating in MBKM activities were available, most students had made good preparations to join MBKM activities, and most students are ready to participate in the MBKM program, and are ready to support the success of the application of solar power in the development of agricultural tourism in Jombang.

**Keywords:** Solar power, agricultural tourism, MBKM-KNKT. readiness to be involved,