

ABSTRACT

In order to develop a sustainable campus, Diponegoro University applies green campus. Green campus is a environmentally-friendly system of education, research, and community service which also involves the campus community in environmental activities giving positive benefits for the environment, economic, and social. The aims of this research are: (1) To analyze the application of green campus in Undip based on three main dimensions of sustainable development that are environment, economic, and social; (2) To determine the best alternative policy strategies in applying green campus in Undip to develop a sustainable campus; and (3) To plan the budget for sustainable campus in Undip.

The criteria of successful green campus based on UI Greenmetric World Univeristy Ranking 2013, that are setting and infrastructure, energy and climate change, waste, water, transportation, and education. The analysis method used in this research is descriptive analysis applying qualitative and quantitative approach. Qualitative approach for data analysis is used to assess the application of green campus in Undip based on the main dimensions of sustainable development (environment, economic, and social), and to plan the budget of sustainable campus in Undip. Quantitative approach for data analysis, on the other hand, is used to determine the best alternative policy strategies to apply green campus in Undip in order to develop sustainable campus. AHP (Analytical Hierarchy Process) method is used as an analysis too along with Expert Choice version 11.

Based on the analysis that the implementation of green campus in Undip have done well, but has not been integrated thoroughly. Policies undertaken by Undip, have generally not been able to provide positive benefits for the environment, economy, and social, so Undip can not be said as a sustainable campus. In order to realize a sustainable campus, carried out some alternative policies obtained through Analytical Hierarchy Process are: (1) Applying sustainable budget for campus planning, (2) Applying the concept of green building, (3) Applying recycle program for university waste, (4) Applying water conservation program, (5) Providing campus bus for staff and students, and (6) Strengthening environmental-related student organizations and institutions. To realize such a policy in a green campus programs and activities, it is necessary to budget planning Undip green campus.

Keywords: *planning, budgeting, sustainable development, green campus*