

ABSTRACT

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EDGE RATING SYSTEM IMPLEMENTATION ANALYSIS IN PUBLIC BUILDING PROJECTS

Practitioners carry out professional work at PT Yodaya Hijau Bestari under the auspices of the Technical Division. This division is responsible for design and construction consulting with green building review and green building certification process for a project. The concept of green buildings is a concept that is very much needed at this time, considering the degradation of environmental quality due to development that does not pay attention to environmental sustainability. Practitioners are responsible for assessing green buildings using the EDGE (Excellence in Design for Greater Efficiencies) rating system. EDGE is an assessment tool that focuses on energy savings and the use of new and renewable energy sources. In order to achieve the EDGE standard, buildings must demonstrate a 20% reduction in projected energy consumption, reduction of water and energy contained in materials compared to conventional buildings.

Keywords: *EDGE, Green Building, Certification, GBCI*