



## Environmental Impact Assessment (EIA) Framework for Ekolabel Certification Initiative in Indonesia: Case Study of a Rattan-Plywood Based Furniture Industry

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**Abstract:** The “*Ekolabel*” logo is a pro-environmental program legalized by the Indonesian Government, which is targeted to companies for certifying their products with ecolabel as one of a representation on environmental awareness. This research presents the utilization of the environmental impact assessment (EIA) framework for *Ekolabel* certification initiative. An exploration of environmental impact assessment was performed in rattan-plywood based furniture industry at Sidoarjo, Indonesia. Analysis result shows that the use of EIA framework could detect the occurred environmental impacts on the entire manufacturing process, which cover the liquid, solid and air waste. The dust problem was seen as the highlighted impact with the combination values of 5-strongly important. The existing dust collector system needs to be enhanced to accommodate the dust collector quantity. The analysis forecast that in 4-5 years the environmental impacts will be resolved post the initiation of mitigation. Thus, after the EIA realization was completed, the company can actualize the ecolabel certification.

**Keywords :** Environmental impact assessment, Framework, Ecolabel, Indonesia.