

## ABSTRAC

*A port is a facility that connects waterways and land within a specific area for service and government activities. The Port of Bakauheni is the main gateway between Sumatra and Java via waterways that serve thousands of passengers every year, so the passenger port needs a comfortable waiting area. However, there are various issues in the regular waiting area of Bakauheni Port, such as discomfort due to temperature in the waiting area, poor lighting, high noise levels, and inadequate public facilities and accessibility for people with disabilities. Observations and interview results indicate that air circulation in the rear area is suboptimal, and lighting in the front area is glaring due to the dominance of glass in the front waiting area. These issues cause discomfort in the waiting area and other spaces. Therefore, a redesign incorporating the Green Concept with an Indoor Health and Comfort (IHC) approach is necessary, including the use of environmentally friendly materials with Green Labels, proper ventilation, optimal natural lighting, noise reduction, and facilities for people with disabilities that meet standards. The objective of this redesign project is to create more functional, comfortable, safe, and standard-compliant waiting areas and other spaces. As a result, the design of the waiting areas and other spaces will enhance service quality at Bakauheni Port and support passenger activities optimally.*

**Keywords:** *Bakauheni Port, Green Concept, Indoor Health and Comfort (IHC), Environmentally Friendly.*