

## ABSTRACT

*High density housing environment is a living environment with the physical condition of the house is very close together and the ratio of the number of people a lot with a total area of uneven. The direct impact of the high density housing environment is a decrease in air quality due to pollution, whereas relatively high clean air requirements and sources of pollutants in the area is relatively much. Poor air quality can lead to declining health of the population. Environmental conditions in high density housing environment have limited land for farming, as the main solution to improve air quality.*

*It is necessary to design the planting container for facilitate planting activities in a high density housing environment. Through observation, interviews, and questionnaires, planting container design should be able to resolve the existing problems in high density housing environment such as narrow land, irregular, uneven sunlight, and does not cause other environmental problems. With these criteria the chosen concept as a solution to the problem is a sustainable concept.*

*Based on the analysis and design aspects of SWOT analysis method and SKAMPER, the material that chosen for the solution is a bamboo as a container planting designs that can reduce the impact of pollution in a High density housing environment.*

*Keywords: Housing densely populated, air pollution, container planting, sustainable.*