

## ABSTRACT

### ***Design of Waste Management Biotechnology Research Development Facility in Bogor with Interconnected and Adaptive Spaces***

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*The condition of waste management in Indonesia is still not well managed so that it is still an environmental problem. So a more effective and environmentally safe waste treatment method is needed. One method that is considered more profitable and effective to prevent this environmental problem is with the help of biotechnology. Waste treatment biotechnology facilities are still not available in Indonesia. This design is expected to contribute to the design of an innovative and sustainable plastic waste management facility. The results of the design can be used as a basis for public policy development, increase public awareness, and provide guidance for public policy makers in the field of waste management. By designing an effective and sustainable facility, it is expected to create a cleaner and more efficient environment in Indonesia.*

**Keywords:** *Waste Treatment, Biotechnology, Research and Development Facilities*