

## **ABSTRACT**

*Furniture SMEs as a case study in this research produce various forms of leftover materials from processed wood and solid wood. Such as furniture SMEs in Bandung, namely Brotherwood Living, Ironwood, Curieuse OneCabinet, and Konco Studio produce leftover production in the form of wood pieces, sawdust, and wood shavings. The purpose of this research is to design a desk organizer using upcycling techniques use to process wood waste into new products that have use value. The method used ih this research is a qualitative method with a phenomenological approach to reveal and understand the events and conditions typycal of the individuals concernd. Product design is done using user-focused design thinking. Techniques used in data collection include literature studies, interviews, observations, and documentation. The result of this design is a desk organizer using waste materials of solid wood powder and shavings and processed wood withe plastic adhesive.*

**Keywords:** *desk organizer, wood waste, upcycle*