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“CLEANER PRODUCTION INITIATIVES AND CHALLENGES FOR A SUSTAINABLE WORLD”

The Utilization of Wood Industry Waste for Use in Small Solidarity Economic Enterprises

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Abstract

The increase of wastes availability generated by wood industries creates a problem for the supply chain, because often, these wastes are deposited in inappropriate places or are reused in the wrong way. This study aimed to design small wooden objects with the approach of reusing lignocellulosic residue, from industrial processes. The objects produced were a basket, a crumber and a support for portable personal computer. The proposal of use wood wastes sought to add value for them, sustainability in the production process of the product, beyond the environmental aspect, seeking to minimize the indiscriminate disposal of wastes on the environment. The manufacturing of these products is simple and requires low-skilled labor, a factor that promotes the generation of jobs and income for artisans in small solidarity economic enterprises, as is the case of the partnership with the women joinery, located in the rural settlement of Pirituba.

Key words: small objects, wood, reuse, industrial residues, solidarity economic enterprises.

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