



# INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

"KEY ELEMENTS FOR A SUSTAINABLE WORLD: ENERGY, WATER AND CLIMATE CHANGE"

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## Proposal for a Construction System Based on Sustainable Use of Sawmill Waste

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### Abstract

We present a proposal for a system of sustainable construction that allows maintaining the life under the natural world. The proposed system uses wood from "profit", that means, waste from outside the standard commercial. These wastes are usually burned in the open fire perennial causing release of large quantities of CO<sub>2</sub>, the main greenhouse gas effect. In this system the recovery is pasted to form the parts of the building (walls, ceilings, tiles, etc.) allowing a pre-molded construction site in the works clean and boost the economy in the world for this technology is the strong commitment it has environmental preservation coupled with technological development.

*Keywords: Wood use, greenhouse gases, system constructive development, environmental preservation, forest management.*

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