



# Recycling of waste wood and benefits

Haisheng Yujie\*

Department of Architecture and Architectural Engineering, Yonsei University, Seoul 03722, Republic of Korea

\*Corresponding author. E-mail: [haishengyujie@gmail.com](mailto:haishengyujie@gmail.com)

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## ABOUT THE STUDY

Most people realize that you can recycle plastic, paper, and organic materials. Not as many people realize that you could additionally recycle timber. Wood recycling is taking old, undesirable timber scraps and turning them in to a new and useful product. Wood scraps can come from pretty much everywhere. Some common locations for timber scraps are production sites and demolished buildings. There is a misconception that products made from recycled materials are inferior. This could not be further from the truth. Recycled products are extraordinarily well-made and prepared for further advantage and use. There are quite a few benefits of wood recycling. The first and main gain is that it facilitates to restrict the wide variety of wood that wants to be reducing down to provide new products. When timber is recycled, it fills the want for brand new wood to be harvested. Wood recycling additionally helps to hold our landfills from filling up with timber. Lastly, making recycled products is much less expensive than making the identical product from new wood. This helps to maintain products affordable. There are many ways that recycled wood is used. Recycled wood may be used just about everywhere in your home to make floors, walls, doors, beams, and wood to frame your property. There are also different uses like wood chips for landscaping initiatives and wood for maintaining walls.

When waste wood is created it is often stored in a bypass which is then accumulated through a waste disposal organization and taken to a substances restoration facility. At this facility waste wood is graded and looked after to be transported on for recycling or restoration if applicable. Wood that isn't recycled will

possibly become in landfill in which it has no benefit. The creation and demolition sectors are the largest manufacturer of waste wood; however, it's also created throughout industrial, industrial and family sectors. Across the world 16 million tonnes of waste wood is created every year, and simplest 15% is recycled. In order to assist the surroundings and acquire the beneath benefits, it is important that human beings across industries recognize the importance of recycling wood.

This advantage can be an apparent one, however wood may be recycled into quite a few beneficial products and substances. Reusing planks of wood to create furnishings or lawn additions is a famous manner for humans to shop timber from landfill. Recycled timber from production or other sectors is used to create constructing materials, horse/rooster bedding, play areas surfaces, panel board feedstock and more. Across industries, recycled wood is used to create treasured products that would in any other case use virgin materials to create at a better cost. The extra wood this is recycled, the much less trees that should be felled. Trees play a essential position in sustaining ecosystems, releasing oxygen and positively impacting the environment.

Although wood provided by trees is taken into consideration sustainable as timber may be regrown, it takes a few years to replant and replenish forest to meet the level of demand. Reprocessing recycled substances is a ways much less highly-priced in phrases of substances, strength and then the use of virgin materials. Additionally, recycling wood may be less expensive than landfill as tipping prices have improved over recent years to dissuade use. Trees take in CO<sub>2</sub>, a greenhouse gas that contributes to worldwide warm-

ing, and create oxygen. The preservation of wood is an important difficulty in the combat to lessen worldwide warming. Similar to above benefit, the delivered benefit of producing with recycled wooden is the strength

saving as compared to operating with pure substances, which also enables limit emissions. Waste wooden laying round is a hazard.