

# WOOD AND ENVIRONMENTAL BENEFITS

## WOOD GROWS NATURALLY AND IS RENEWABLE

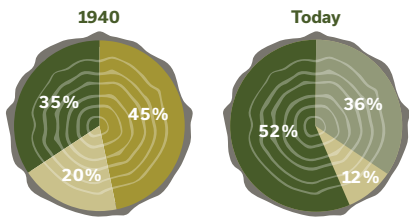
Reforestation and tree growth continues to exceed harvest volumes in the US with the current volume of standing tree growth almost 40% higher than annual tree harvesting. Responsible forest management is achieved through laws, forest certification and best management practices.

Source: USDA



## MANUFACTURING WOOD IS A ZERO WASTE INDUSTRY

Logs brought to North American sawmills and other wood products manufacturing centers are converted to useful products, leaving little to no waste.



- Processed into lumber
- Converted into other wood products
- Recovered for energy production
- Incinerated as waste or landfill

Source: DOVETAIL PARTNERS, INC.

## WOOD HAS A LIGHTER FOOTPRINT



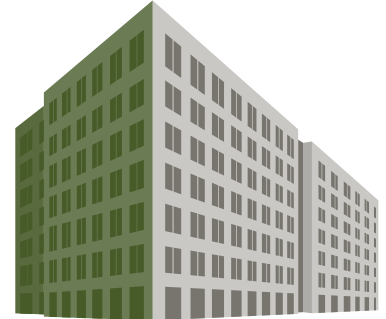
Based on a comparison of equivalent 40,000 square foot 2-story wood, steel + concrete buildings, each assumed to have a concrete foundation and slab.

Source: ATHENA ECOCALCULATOR

The concrete industry is one of two largest producers of carbon dioxide, creating up to 5% of worldwide man-made emissions of this gas.

Source: CEMENT SUSTAINABILITY INITIATIVE

## WOOD STORES CARBON



T3 is a 7-story 224,000 square foot office building in Minneapolis, MN. T3 will take the equivalent of 996 cars off the road for a year due to its wood construction.

Source: HINES SUSTAINABILITY

It took just 15 minutes for US and Canadian forests to grow the amount of wood used in T3.

## RESEARCH & RESOURCES

Get the latest environmental information and research:

- Think Wood Research Library: Environmental Impact
- Embodied Carbon of Buildings and Infrastructure
- Guide for Designing Energy-Efficient Building Enclosures
- WoodWorks Carbon Calculator

Find these links and learn more about how wood construction reduces environmental impacts. Visit [ThinkWood.com/sustainability](http://ThinkWood.com/sustainability)

# THINK WOOD™

Learn more about how wood is the natural choice for sustainable buildings. Visit [ThinkWood.com/sustainability](http://ThinkWood.com/sustainability)

T3 Office Building | Michael Green Architecture + DLR Group | Photo by Ema Peter

SOURCES: National Report on Sustainable Forests—2010: United States Department of Agriculture | Utilization of Harvested Wood by the North American Forest Products Industry, Dovetail Partners, Inc. Athena EcoCalculator | The Cement Sustainability Initiative: Our agenda for action, World Business Council for Sustainable Development | Hines Sustainability, T3, 2017