



AMERICAN WOOD COUNCIL

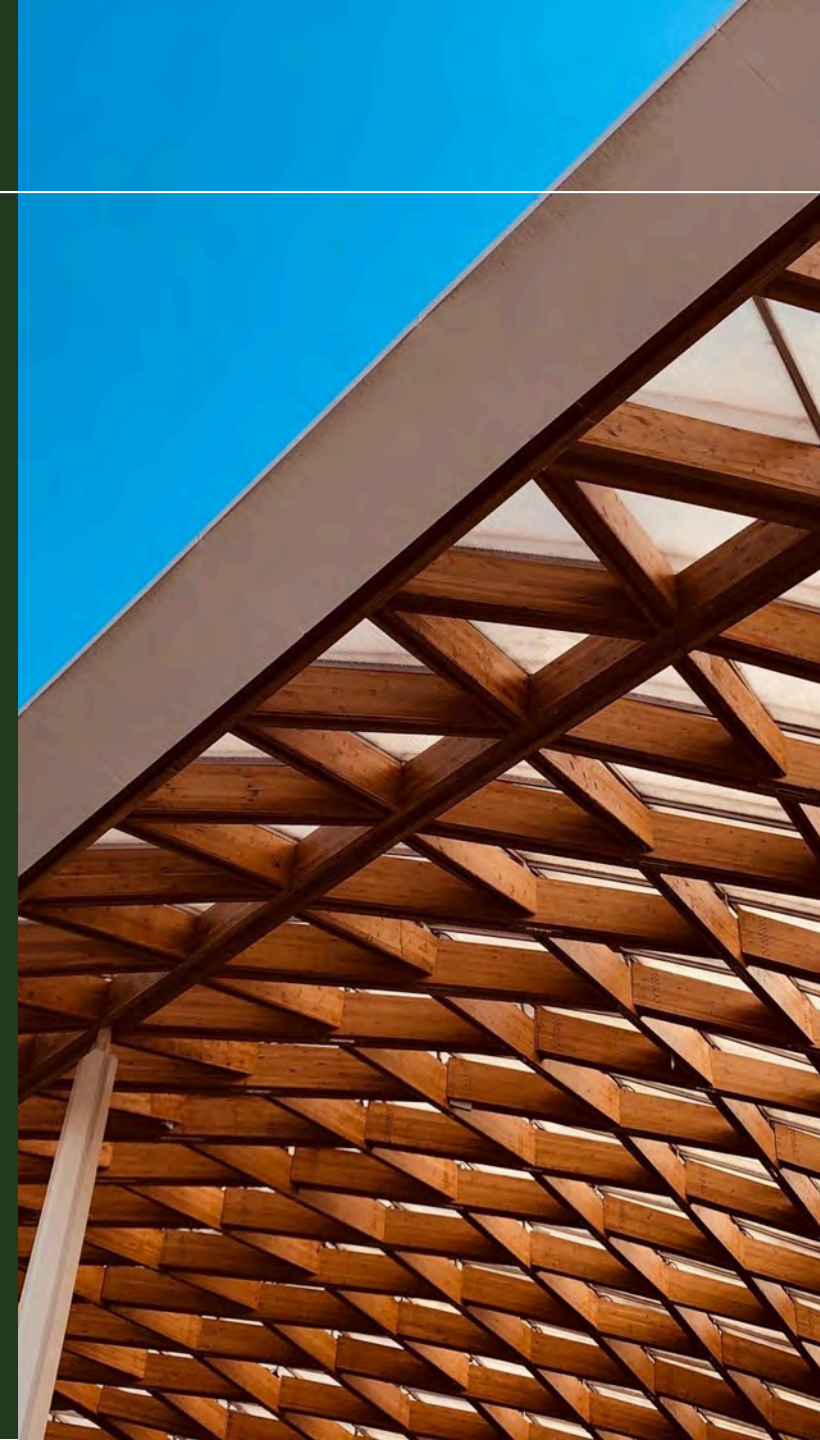
Radical Transparency: Data-Centric Climate Actions

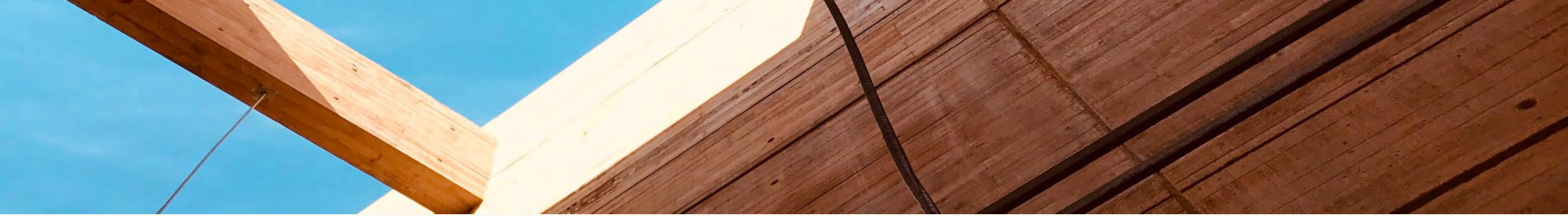
Woodrise 2022

Rachael Jamison, VP Markets & Sustainability

Heather Stegner, VP Communications & Education

September 7, 2022





Who We Are

AWC is the nationally recognized technical authority and advocate for the sustainable wood building products industry in the codes, standards, legislative, regulatory and climate arenas.

What We Do

AWC partners in the development of sound policies, codes, and regulations that allow for the appropriate and responsible manufacture and use of wood products in the built environment.

We represent an industry that provides more than 450,000 jobs to men and women across the U.S.

We are a leader in developing engineering data, technology and standards for wood products, and we are committed to educating on wood design, green building and resiliency.

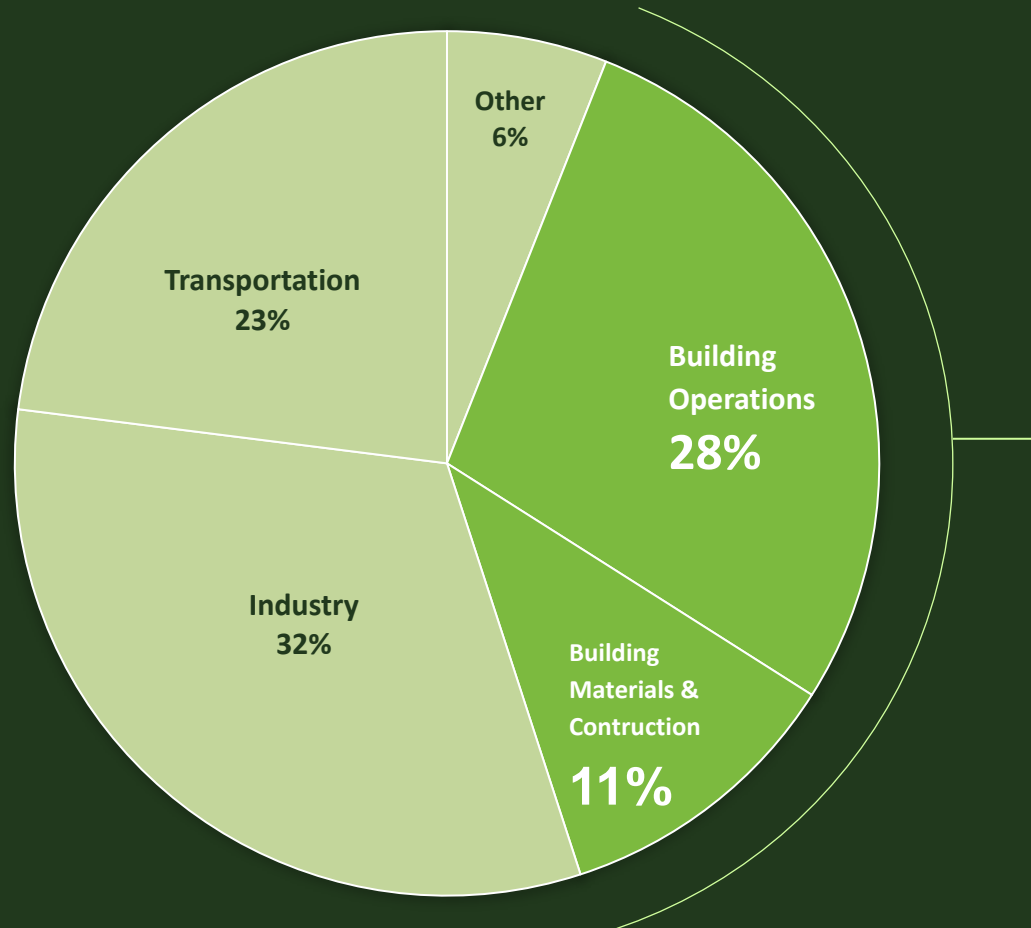




AWC's Sustainability Priorities

- Advocate for Thoughtful Policy
- Collaborate with Forest Sector
- Educate Broadly
- Operate with Radical Transparency

The Imperative



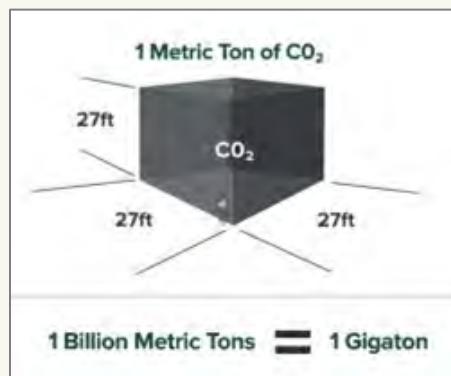
The built environment accounts for **40% of GHG emissions**. Our sector has a critical role to play.

Source: How to Calculate the Wood Carbon Footprint of a Building, P. 145; Architecture 2030; and Global Alliance for Buildings and Construction 2018 Global Status Report



The Imperative

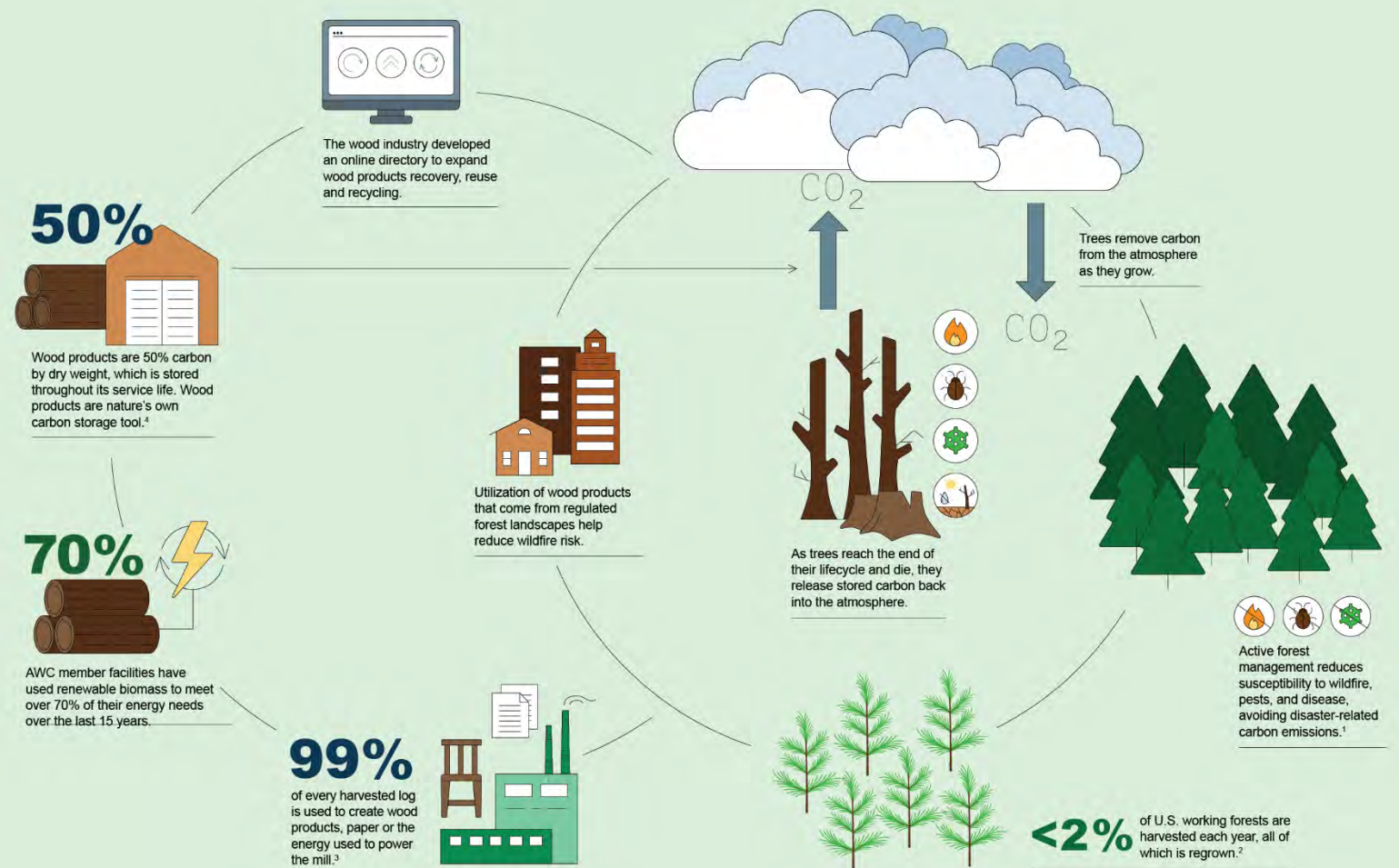
Without decisive action, building materials used in construction in cities across the globe will generate **100 gigatons** of embodied carbon by 2050.



Radical Transparency: Wood Products' Story in Numbers

Working Forest Carbon Cycle Nature's Own Carbon

Regulated forests and the wood products harvested from them represent both a carbon sink and renewable resource.



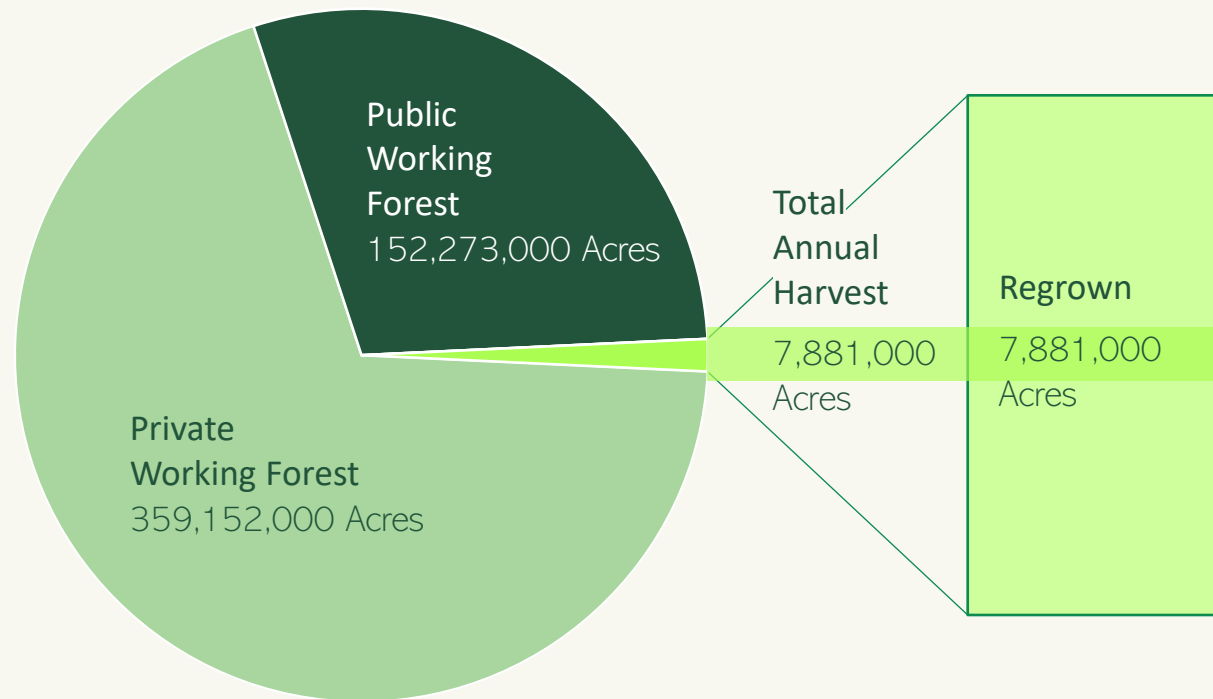
1 Vance, E.D. (2018) Conclusions and caveats from studies of managed forest carbon budgets. *Forest Ecology and Management* 427, 350-354;

2 Forestcarbodataviz.org;

3 Dovetail Partners Inc. (2012) Utilization of Harvested Wood by the North American Forest Products Industry, [http://www.dovetailinc.org/report_p](http://www.dovetailinc.org/report_p;);

4 Richard Bergman; Maureen Puettmann; Adam Taylor; Kenneth E. Skog. *The Carbon Impacts of Wood Products*. *Forest Prod. J.* Volume 64.

The Forest: Are Harvest Levels Sustainable?



Total Working Forest

514,425,000 Acres

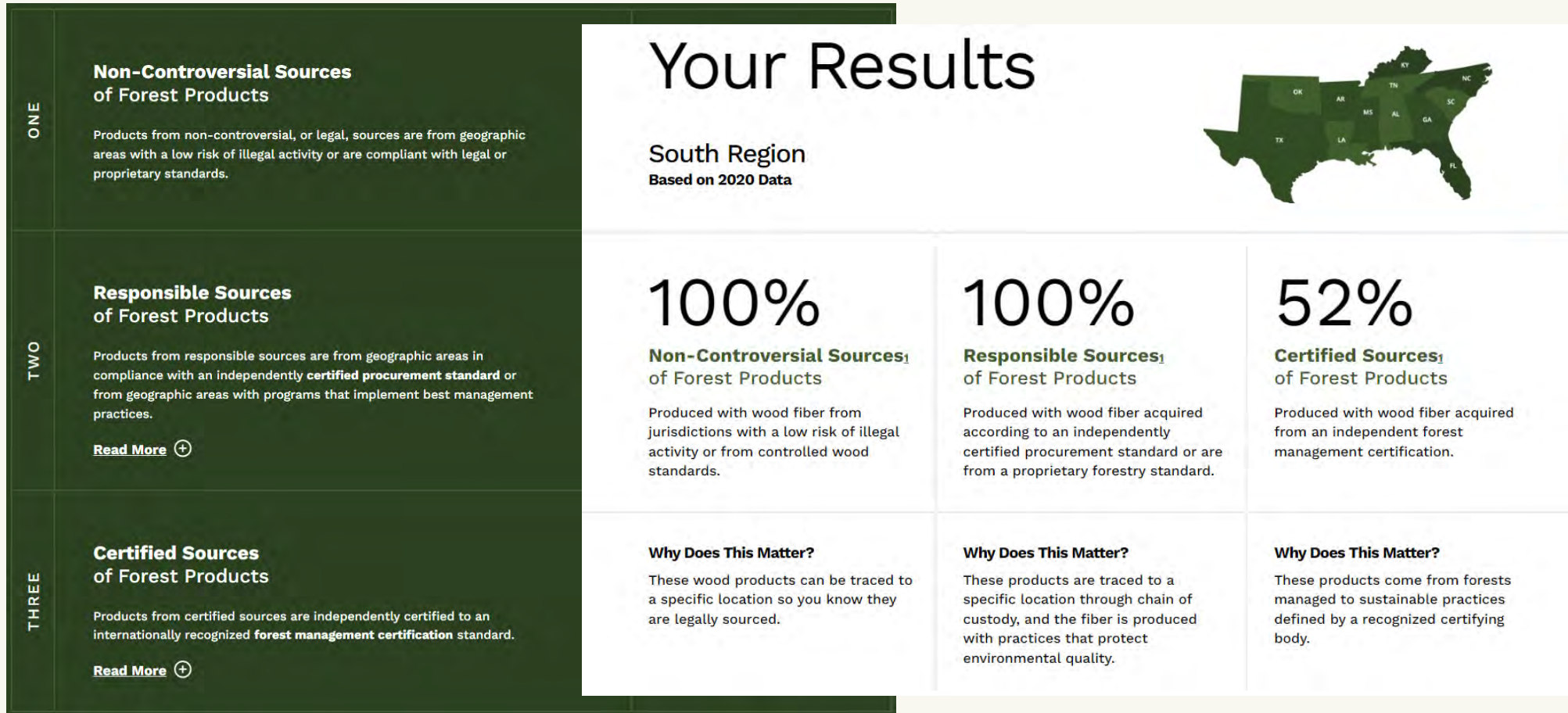
Source: National Alliance of Forest Owners

A Continuous Cycle

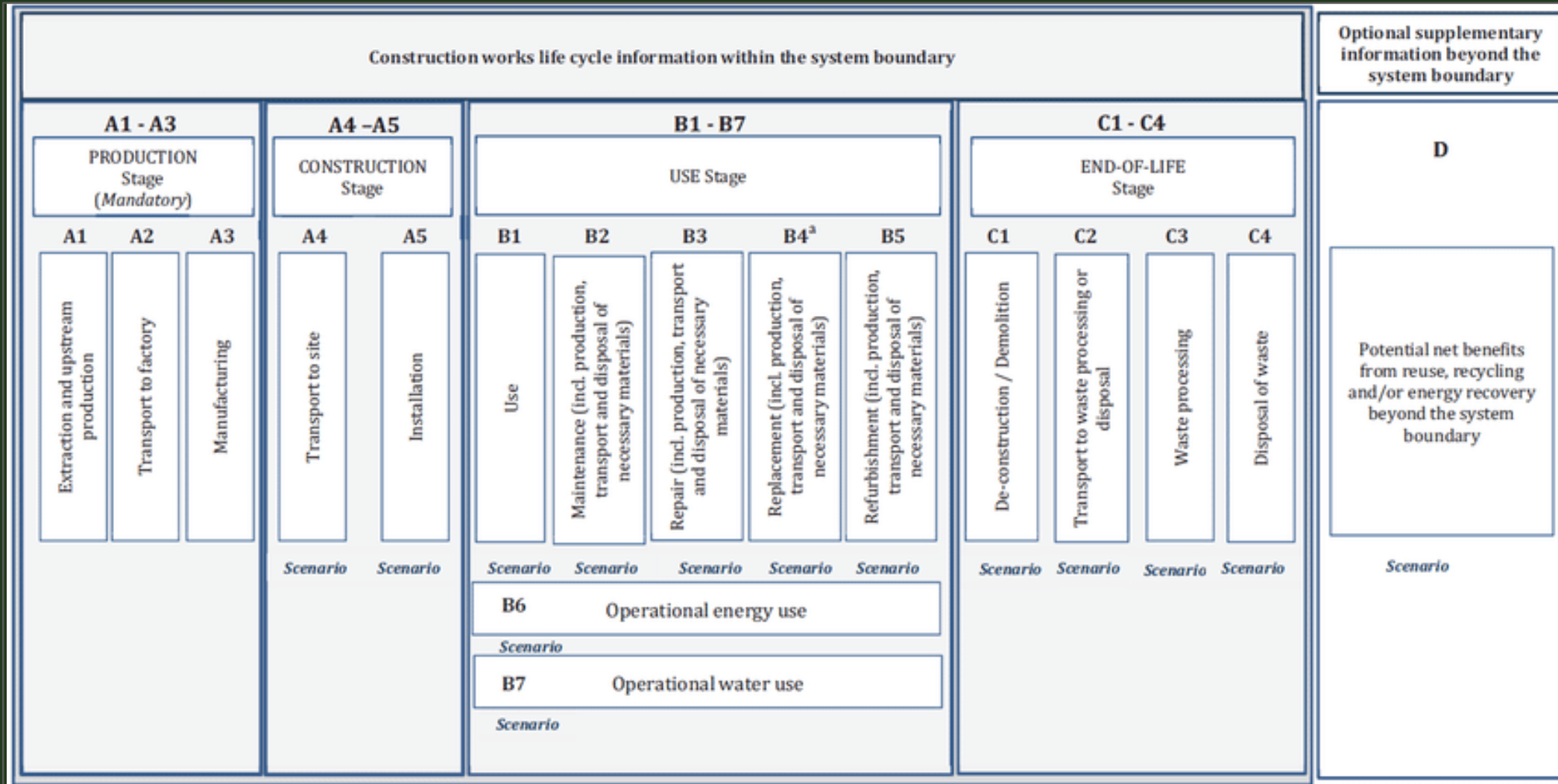
Between 1953 and 2017, a time of great population growth, the total volume of trees grown in the US **increased by 60%**.



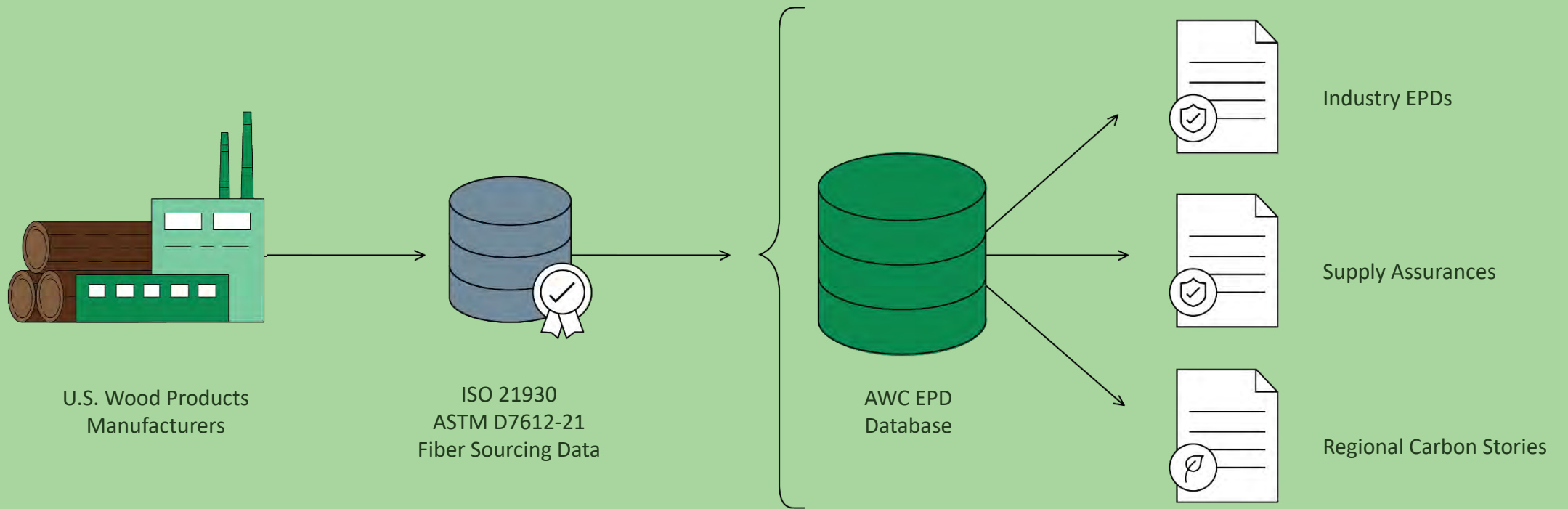
The Forest: Are Management Practices Sustainable?



Environmental Product Declaration 101

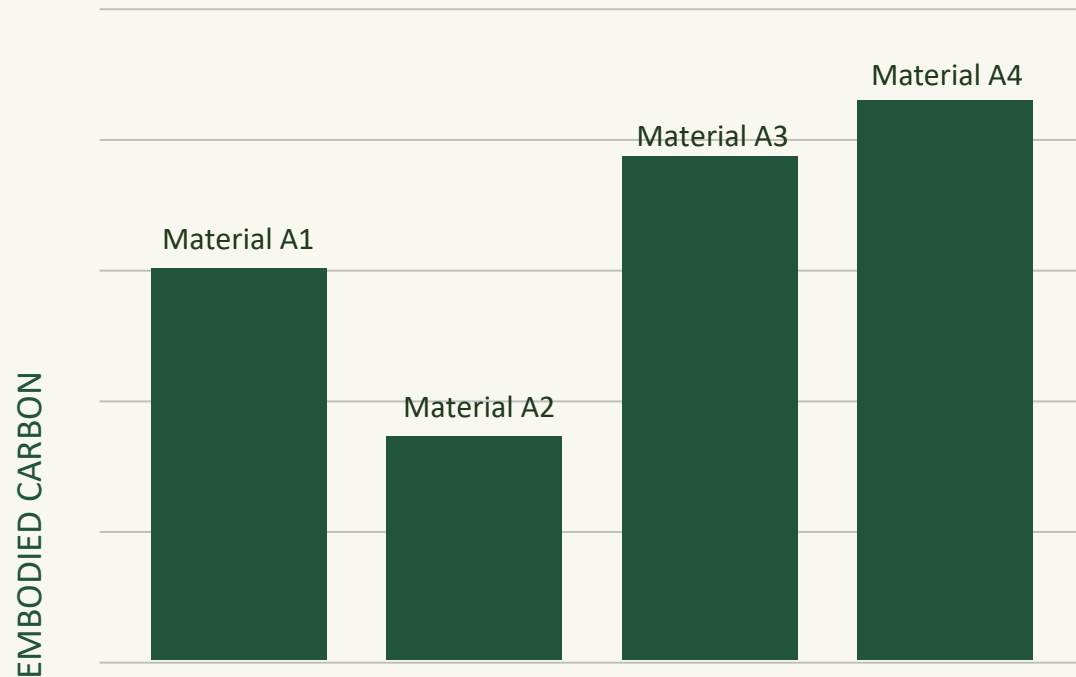


The Mill: Wood Products Carbon Story in EPDs

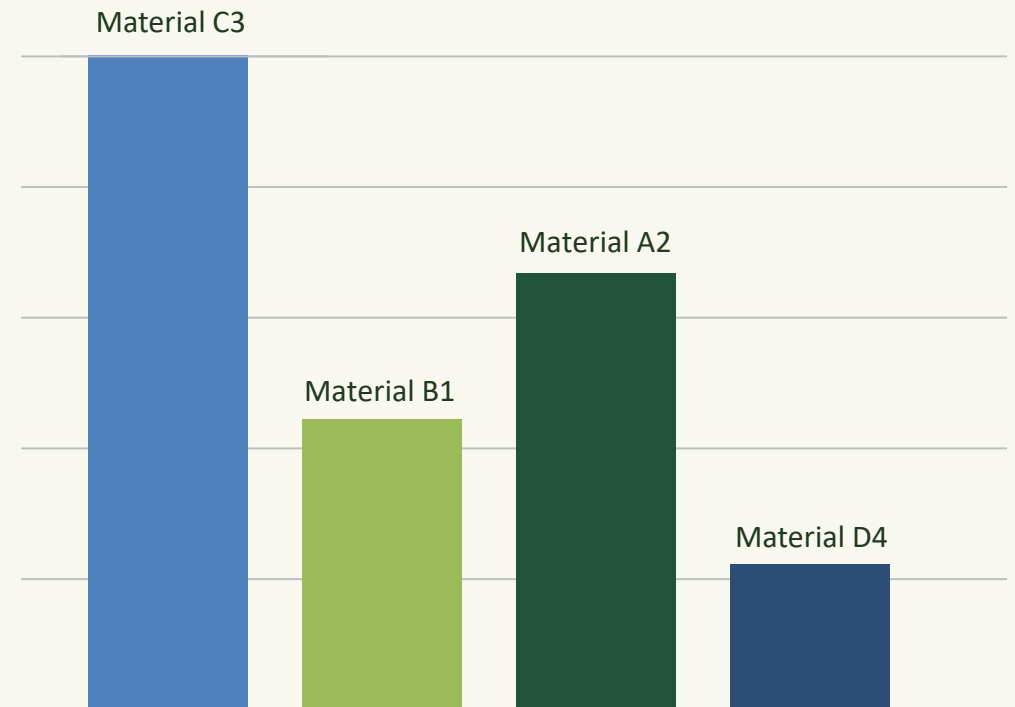


The Built Environment: EPDs Are Not Enough

EPD Model
Best of Material A



Whole Building LCA Model
Best of Multiple Materials





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