

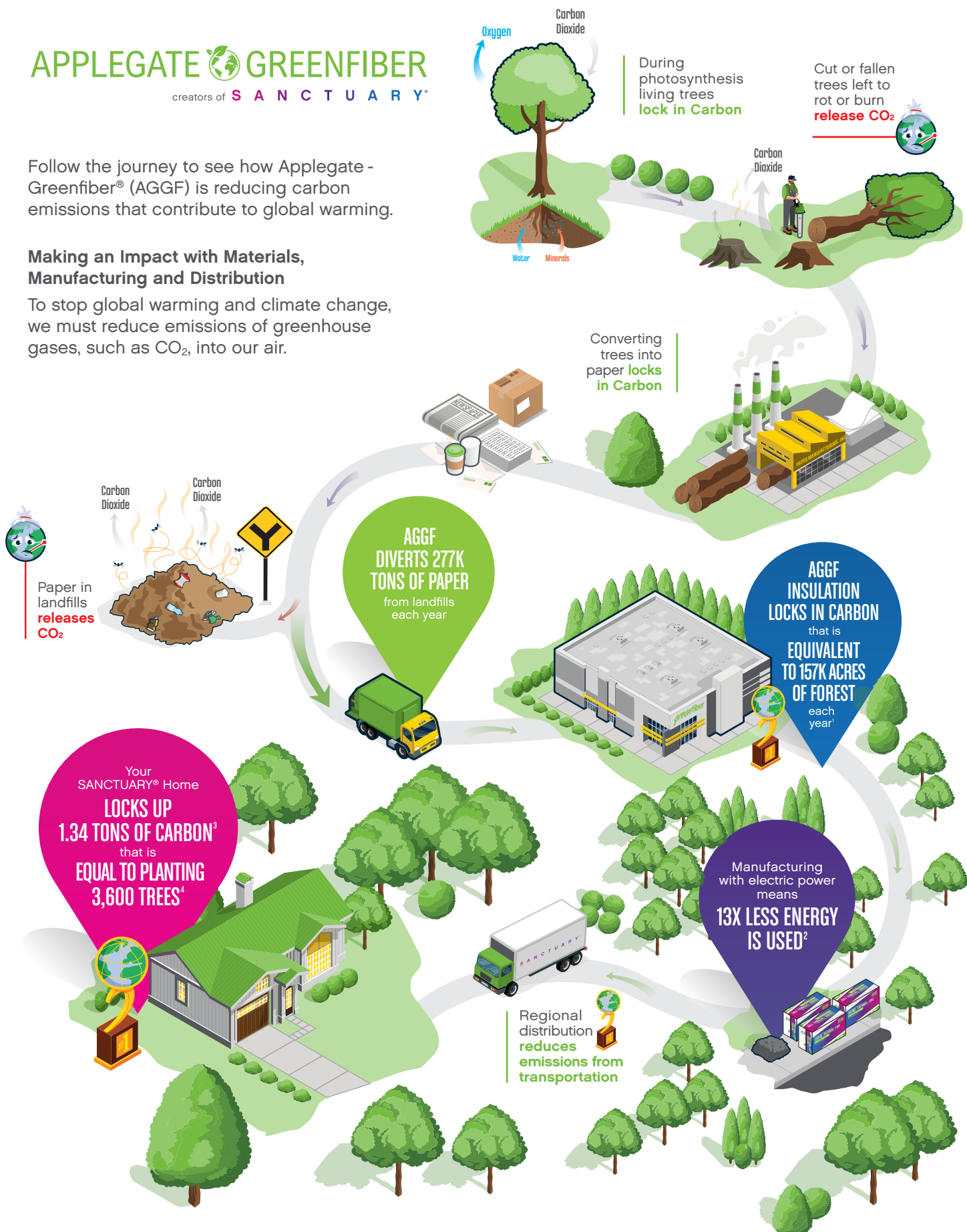
APPLEGATE GREENFIBER

creators of **SANCTUARY**

Follow the journey to see how Applegate - Greenfiber® (AGGF) is reducing carbon emissions that contribute to global warming.

Making an Impact with Materials, Manufacturing and Distribution

To stop global warming and climate change, we must reduce emissions of greenhouse gases, such as CO₂, into our air.



¹ Based on the CIMA/CIMAC LCA for manufacturing and WWF Biogenic Carbon Footprint Calculator for Harvested Wood Products. Tree sequestration statistics are based on the EPA Greenhouse Gas Equivalencies calculator @ <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>.
² Comparison based on an R-30 value at one square foot coverage area. This comparison includes the production and energy used in the insulation manufacturing process. Based on Sustainability Impact Index - Prepared by Principal Partners.
³ Based on installing 235 bags of SANCTUARY in attic and walls of home.
⁴ Greenhouse gas equivalencies calculator (1.5 acres - based on planting trees 5 feet apart, equaling 2400 trees per acre).

SANCTUARY® by Greenfiber® insulation is made from recycled plant fibers which keep carbon locked in for the life of the product

Cellulose Is the Only Insulation that Reduces Global Warming Potential (GWP)

SANCTUARY Insulation:

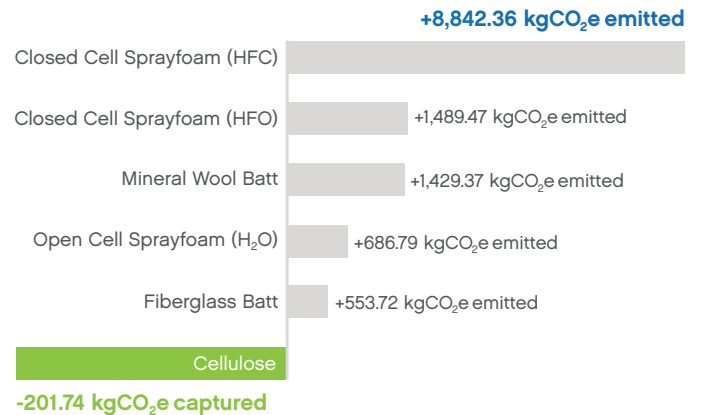
- ✓ 85% post-consumer paper
- ✓ Low-energy manufacturing
- ✓ Short haul transportation
- ✓ Least-embodied carbon of most major insulation products

Other Insulation Materials:

- ✗ Carbon intensive processes and raw material sources such as refined oil
- ✗ Long-haul transportation
- ✗ High levels of VOCs and carbon emissions

CARBON IMPACTS OF INSULATION

kgCO₂e per 2,000 sq. ft. at R-13



SOURCE: Manufacturer EPDs listed in E3 building transparency catalog

CARBON CAPTURE CHALLENGE

12.4 Million

tons of carbon dioxide kept out of the air

*Carbon capture goal is based on insulating all under-insulated attics in the US with 65 bags of SANCTUARY (32,875 homes built before 1965), and installing SANCTUARY in the attics @ R-38 and exterior walls @ R-13 of new home builds in 2022 (13,107,000 new home starts).

Equivalent to Carbon Captured by

14 Million

acres of U.S. forest in one year*

Equivalent to 18 Yosemite National Forests!

APPLEGATE  GREENFIBER
creators of S A N C T U A R Y®

Contact Us Today and Join Our Challenge
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