

FORESTRY FOR THE PLANET

LOW CARBON FOREST PRODUCTS FOR THE WORLD



**THE FOREST SECTOR
HAS REDUCED ITS GHG
EMISSIONS BY 40%
BETWEEN 2007-2017**



**CARBON REMAINS
STORED IN WOOD
PRODUCTS FOR THE
LIFE OF THE PRODUCT**



**WOOD INSULATES
15X BETTER THAN
CONCRETE AND 400X
BETTER THAN STEEL**



**YOUNGER, GROWING
FORESTS ABSORB
MORE CARBON THAN
MATURE TREES**

FORESTRY AND CLIMATE CHANGE

Sustainably managed forests, and the forest products they produce, play a crucial role in fighting climate change. As trees grow, they absorb carbon from the atmosphere, and store it in their roots, wood, leaves or needles, and exchange it for oxygen which they then release into the atmosphere. Younger trees grow faster than mature trees, so they exchange carbon for oxygen at an accelerated pace.

As trees reach the end of their lifecycle and die — whether it be from drought, insect infestation, fire or disease — they release stored carbon back into the atmosphere. Forests left untouched tend to gradually lose their carbon-absorbing benefits over time. As a result, younger, sustainably managed forests, through carefully planned harvesting and replanting, can be a more effective approach for long-term carbon sequestration than leaving forests untouched.

RENEWABLE FOREST PRODUCTS THE PLANET WILL LOVE

Forest products are the ultimate renewable and recyclable material made by — and for — the planet. Products sourced from Canada's forests, such as wood, paper and packaging are recyclable materials resulting in a lower environmental footprint than comparable materials.

BUILDING WITH WOOD HELPS FIGHT CLIMATE CHANGE

When trees are sustainably harvested and manufactured into wood products such as lumber, veneer, plywood or more, the carbon remains embodied in the wood for the life of the product. Wood products store carbon for as long as they are in use, with carbon contributing up to 50% of the weight of the wood. This carbon-locking capability makes wood products a more climate-friendly choice when compared to non-renewable materials with high emissions such as plastics, steel and concrete.

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BC COUNCIL
OF FOREST
INDUSTRIES

GROW BC FORESTS.
USE BC FOREST PRODUCTS.
REPEAT.