

# REASONS TO CHOOSE WOOD



**1.47KG** of carbon removed from the atmosphere. + **1KG** of **OXYGEN RELEASED**

The forest industry supports well over **1/2 a million** South Africans.

To other energy intensive building materials like concrete, steel and aluminium. These require large amounts of energy and fossil fuels in their production process.

## CARBON NEUTRAL FUEL SUBSTITUTE

Wood only releases **CO<sub>2</sub>** it had previously removed from the atmosphere.



Wood has **BEST THERMAL INSULATION VALUE** of all building material.

Wood is a **HUMIDITY REGULATOR**. It absorbs moisture in **WET** conditions and releases moisture in **DRY** conditions.

The **CARBON STORED** in trees **OFFSETS** the amount released during:



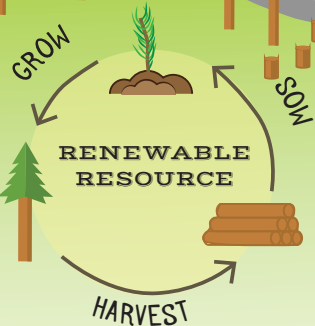
**200 HOMES** = **100 TONNES CARBON**

**0.9 TONNES** of carbon for every **1m<sup>3</sup>** of wood

Trees are the **PLANET'S LUNGS!**

## CONSERVATION FACTOR

Plantations provide an alternative source of wood, thereby conserving natural forests.



Global bodies like the Forest Stewardship Council® **FSC®** are ensuring forestry is being managed **SUSTAINABLY**.

Over **80%** of SA plantations are **FSC®** certified.