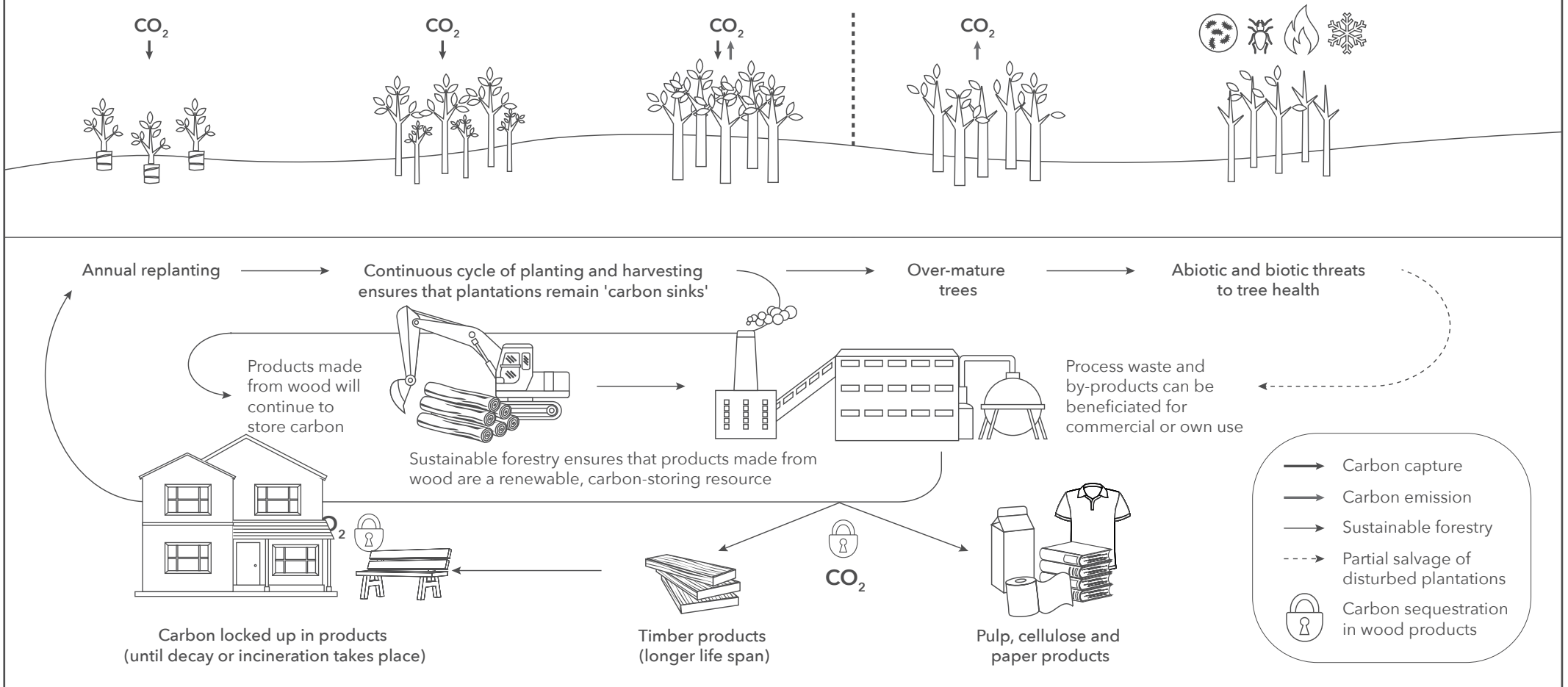


CARBON CYCLE

Sustainable forestry and forest products and their role in carbon storage



Forests aren't just full of trees—they're full of science! Commercial timber plantations in South Africa are carefully managed to grow, harvest, and replant trees in a continuous cycle. Through photosynthesis, these trees absorb carbon dioxide (CO₂) from the air and release oxygen, while storing carbon in their trunks, branches, and leaves.

When trees are harvested, the carbon doesn't just disappear—it stays locked up in paper, wood, and packaging products until those items break down. Because our forestry sector replants after every harvest, the cycle of capturing carbon continues. It's nature's own carbon management system!

This makes forestry a fantastic example of **renewable, climate-friendly production** powered by photosynthesis.

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