

Trees & Climate Change

Climate Change is happening because more Carbon Dioxide is being released into the atmosphere.

By 80 years old

this Oak tree had absorbed the same amount of Carbon Dioxide as the average person produces through their daily activities in about

6 months!

As trees **GROW**

they take in Carbon Dioxide from the air and store it as Carbon in their leaves, branches, roots and trunk.

Each year the tree girth (the distance around the trunk at chest height) gets

bigger

as more Carbon is stored.

Forestry Commission cares for

1.3 billion

trees – think about the impact that all of these trees are making in combating climate change!

The tree in this picture is an Oak. Its girth measures 150cm.

This means it is storing nearly

1 tonne

of Carbon and has taken in approximately

3.7 tonnes

of CO₂ over its lifetime.

If you would like to know more why not download our free climate change activity sheet from our learning pages at: www.forestry.gov.uk/england-learning. Or follow our climate change trail at participating forests.

Data on Carbon storage taken from Forests for the Future: A resource investigating trees, forests and climate change.

forestry.gov.uk