




reddforests

Growing money from trees

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Why?

Figure 11 Global greenhouse gas emissions in 2000, by source

Source	MtCO ₂ e	%
Electricity & Heat	12,572.2	29.2
Manufacturing & Construction	6,222.2	14.6
Transport	6,222.2	14.6
Other Fuel Combustion	4,222.2	10.0
Buildings	2,222.2	5.3
Industrial Processes	1,500.0	3.4
Land Use Change & Forestry	1,500.0	3.4
Waste	1,500.0	3.4
Total	42,722.2	100



The Importance of Forests

Forests provide our air, shelter, water resources and recreational opportunities. They also provide a natural carbon sink, storing carbon in their trunks, branches, leaves, and roots. In addition, they also provide a natural carbon sink, storing carbon in their trunks, branches, leaves, and roots. In addition, they also provide a natural carbon sink, storing carbon in their trunks, branches, leaves, and roots.

Forests play a critical role in protecting the Earth from climate change and maintaining biodiversity. They also provide a natural carbon sink, storing carbon in their trunks, branches, leaves, and roots.

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Forests play a critical role in protecting the Earth from climate change and maintaining biodiversity. They also provide a natural carbon sink, storing carbon in their trunks, branches, leaves, and roots.

However, when forests are destroyed or degraded by activities such as logging and conversion of forests to agriculture, the carbon stored in them is released into the atmosphere.

Forests and the Carbon Cycle

A natural carbon dioxide cycle keeps the amount of this greenhouse gas in our atmosphere in balance. Decaying plants and animal respiration release natural CO₂ into the atmosphere, where it stays for about 100 years. It is removed from the atmosphere by

photosynthesis in plants and by dissolution in water (for instance, in the oceans). The amount of naturally produced CO₂ is almost perfectly balanced by the amount naturally removed. But changes, no matter how small, can upset this equilibrium.

Deforestation and climate change. Deforestation and climate change are closely linked. Deforestation releases carbon dioxide into the atmosphere, contributing to global warming. Global warming, in turn, leads to deforestation, as higher temperatures and changing precipitation patterns make it difficult to grow crops and sustain forests.

The potential for forests to absorb carbon dioxide is enormous. Forests store carbon in their trunks, branches, leaves, and roots. In addition, they also provide a natural carbon sink, storing carbon in their trunks, branches, leaves, and roots.

Deforestation is contributing to an alarming rate of climate change. Forests store carbon in their trunks, branches, leaves, and roots. In addition, they also provide a natural carbon sink, storing carbon in their trunks, branches, leaves, and roots.

While deforestation and reforestation are important, and helpful for supporting reduced emissions in many





REDD and REDD+




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REDD and REDD+

“We recognize the crucial role of reducing emission from deforestation and forest degradation (REDD) and the need to enhance removals of greenhouse gas emissions by forests...”

~ The Copenhagen Accord, Article



The World Bank

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Forest Bonds



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