National Forest Foundation

ADDRESS CLIMATE CHANGE
RESTORE OUR FORESTS

In the United States, our forests are the **most efficient natural system** for pulling carbon dioxide (CO_2) out of the atmosphere.

U.S. FORESTS SEQUESTER **12%** **OF THE COUNTRY'S CARBON EMISSIONS** **EACH YEAR**

THE PROBLEM

SEVERE FIRES → INSECTS → DROUGHT → DISEASE → **FOREST LOSS**
LIMITING CARBON SEQUESTRATION

WHY PLANTING TREES HELPS

Seedlings restore depleted forests

CO_2 → Seedlings grow and sequester CO2, reducing CO2 in the atmosphere

Reduced CO_2 helps mitigate climate change

HOW *YOU* CAN MAKE A DIFFERENCE

Join the **50 Million for Our Forests** campaign and become a part of a national reforestation effort that will mitigate the effects of climate change.

$2 = **2 TREES** = **1 TON CO_2** **MITIGATED OVER THE LIFETIME OF A TREE**

MAKE YOUR CONTRIBUTION TODAY AT:

NATIONALFORESTS.ORG/50MILLION

**Average range of reforestation projects on National Forest sequester between 165-238 tons CO2 per acre over 100 year timeframe. Per tree carbon estimates based on average planting density of 300 trees per acre.*

Source: James E. Smith; Linda S. Heath; Kenneth E. Skog; Richard A. Birdsey. 2006. Methods for calculating forest ecosystem and harvest carbon with standard estimates for forest types in the United States.