Overview

• Natural Climate Solutions (NCS) Basics
• Economic Benefits of NCS
• Federal policies and programs that can help scale NCS
THE IMPACT

Nature
- Range Shifts
- Extinctions
- Ecosystem conversions

People
- Health
- Economy
- Infrastructure
We Can’t Get To 1.5° Without Nature.
The next decade will be pivotal
The carbon cycle

NATURAL CLIMATE SOLUTIONS
Three Types of Actions

PROTECT
intact ecosystems

RESTORE
native ecosystems

IMPROVE
Management practices
NATURAL CLIMATE SOLUTIONS CAN MORE THAN DOUBLE THE CONTRIBUTION FROM THE US LAND SECTOR

Forest and wetland restoration projects already support over 220,000 jobs in the U.S.

Every $1 million invested in reforestation and sustainable forest management supports nearly 40 jobs.
Planting more trees in low-income and communities of color neighborhoods:

- Creates new jobs
- Reduces energy costs
- Reduces chronic respiratory conditions and heat-related illnesses
- Improves mental health
Economic Benefits for Producers

- Soil health management practices increase net income for farmers
  $52/acre corn
  $45/acre soybeans
- Adding trees to row crops provides greater income stability improving the economic resilience of farms
- Improved forest management can increase revenue while increasing the carbon captured and stored on family forest lands.
THE SOLUTIONS

Economic Benefits from Nature

- Coastal wetlands provide storm protection valued at $23.2 billion per year
- Green stormwater infrastructure lowers capital costs for developers compared to gray infrastructure.
- Drinking water treatment costs decrease by 20% for every 10% increase in forest cover in source watersheds
THE SOLUTIONS

Federal NCS scaling strategies

- NCS Science & Inventory Improvements
- Technical Assistance for landowners and states
- Financial Incentives for Natural Climate Solutions
- Investments in federal land management
- Support to help scale voluntary carbon markets
- Incentives for state and local smart growth policies
- Workforce development programs that target forestry and ecological restoration
For more information:

cmacdonald@tnc.org

Thank you