

An aerial photograph of a dense forest of evergreen trees, viewed from above. The trees are tightly packed, creating a textured green surface. On the right side of the image, there is a large, stylized number '1' in a light blue color. The number has a solid top and a bottom section filled with a grid of small dots, creating a halftone effect.

# Forests at COP27

10.28.22

Trey Lord, Senior Technical Manager, 1t.org



# Forests and Climate Change by the Numbers

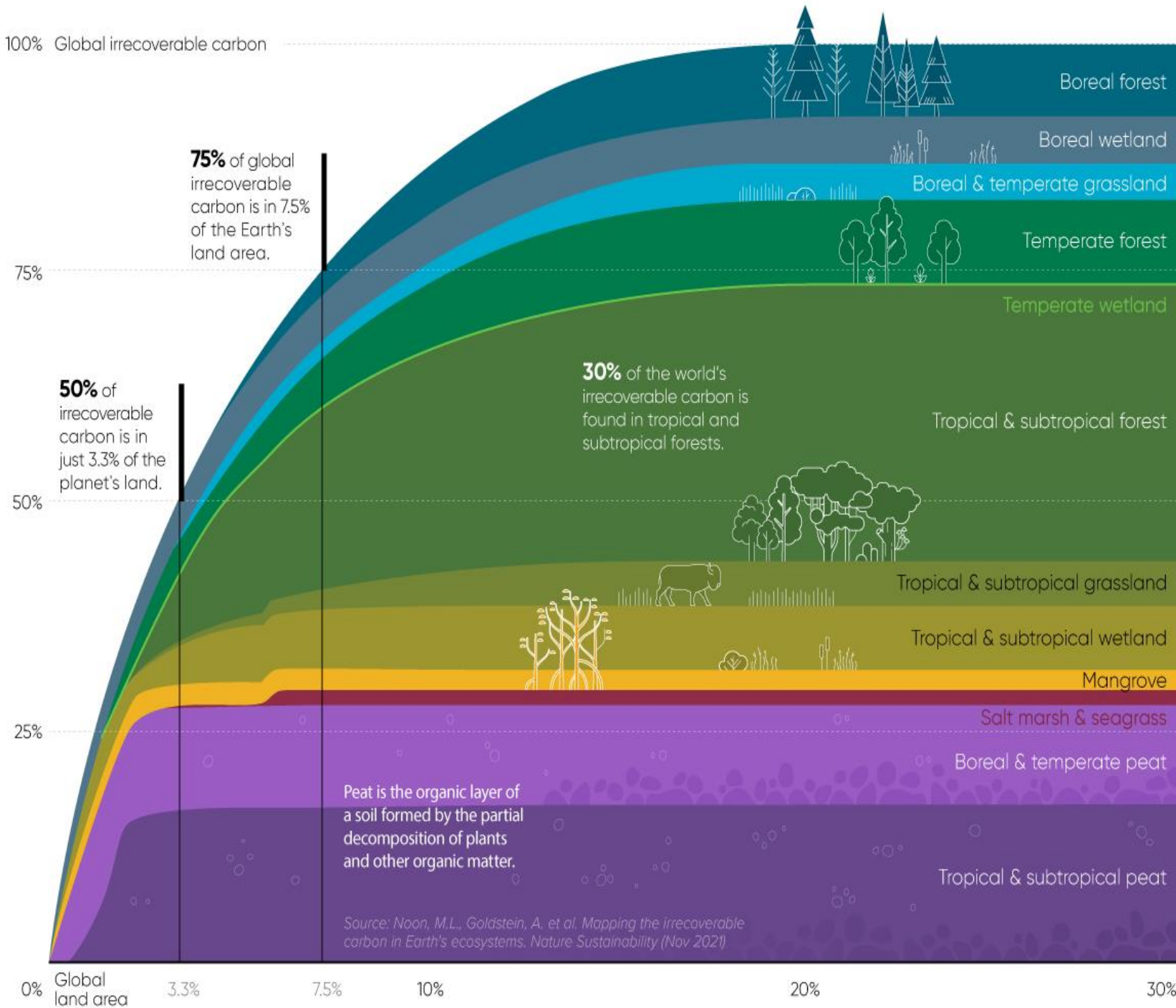
- US\$ 75-100 billion - Annual value of goods and service provided by forests
- 20% - Share of global GHG emissions from deforestation and forest degradation
- 15% - Current share of US fossil fuel emissions captured annually by US forests and forest products
- 27% - Potential share of current US emissions that forests could absorb to limit climate change
- 30% - Potential share of global emissions that forests could absorb to limit climate change below 2°C
- 3% - Share of the global climate mitigation funding to forests



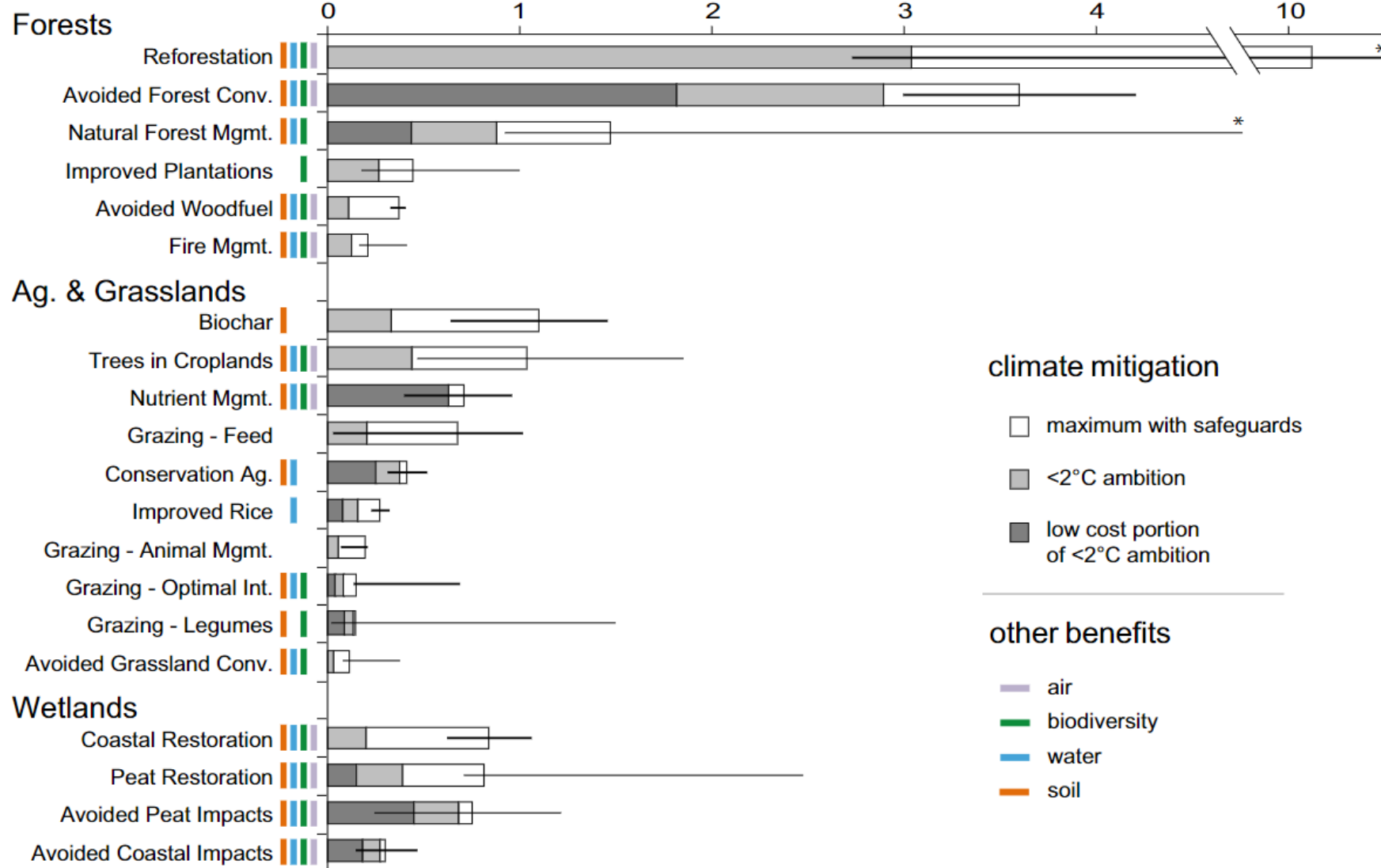
**1t.org | us**




# Irrecoverable Carbon in Forests



## Climate mitigation potential in 2030 (PgCO<sub>2</sub>e yr<sup>-1</sup>)







## Actions to Conserve, Restore, and Grow Forest

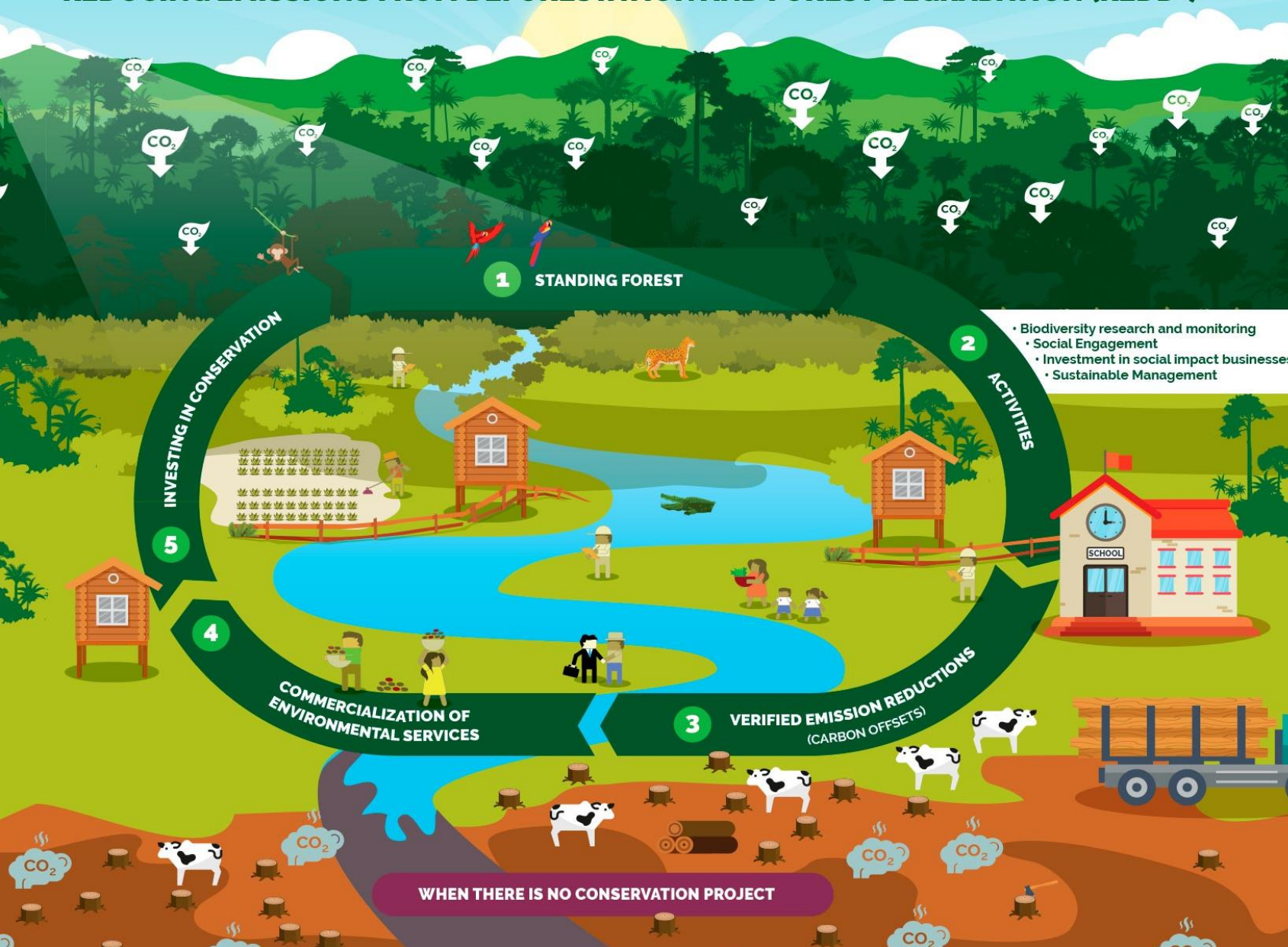
- Combatting deforestation and forest degradation
- Restoring forest landscapes
- Enabling rights-based land use
- Unlocking forests benefits



# Forests in the Inflation Reduction Act

- \$1.5 billion for Urban & Community Forestry Program
- \$1.8 billion for National Forest System (via USFS) to support wild-fire risk reduction
- \$350 million for vegetation management, environmental reviews, and inventory of old-growth forests on National Forest System land
- \$400 million in competitive grants and cost share from USFS to support underserved or small forest owners
- \$700 million in competitive grants to states through Forest Service Forest Legacy Program to conserve environmentally significant forests threatened by conversion

## REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD+)



## REDD+

- Reducing
- Emissions from
- Deforestation and
- Forest Degradation
- Plus conservation, sustainable management of forests, and enhancement of forest carbon stocks





## Forests at COP26

- **The Glasgow Declaration on Forests and Land Use**
  - 140 countries pledges to halt and reverse deforestation and land degradation by 2030 (since grown to 145)
- **The Global Forest Finance Pledge**
  - US\$ 19.2 billion to help protect and restore forests globally by 2025



# US Government Priorities for Forests at COP27

---



- Up to US\$ 9 billion of international climate funding to support conservations of global forests by 2030
- “Plan to Conserve Global Forests: Critical Carbon Sinks”
  1. Incentivize forest and ecosystem conservation and forest landscape restoration
  2. Catalyze private sector investment, finance and action to conserve critical carbon sinks;
  3. Build long-term capacity; and
  4. Increase the ambition of governments and other stakeholders



# Forests Action at COP27

- Meet the ambition of “The Glasgow Declaration on Forests and Land Use” and “The Global Forest Finance Pledge”
- Fulfil pledges and raise ambition towards financing the reversal of forest loss and degradation
- Leverage the private sector to play a key role in financing zero-deforestation and nature-positive action
- Seek cost-effective and equitable natural climate solutions



# Natural Climate Solutions in Climate Adaptation



Source: Bapna et al. 2019.





# Forests and the Private Sector

- Sustainable forestry standards and zero-deforestation supply chains
- Large-scale investment using direct finance or carbon credits
- Public-private partnerships for forest conservation, restoration, or reforestation





[CONTACT US](#) | [LOGIN](#)

[ABOUT US](#) ▾

[PLEDGES](#) ▾

[LEARN](#) ▾

[COMMUNITY  
OF PRACTICE](#)

[MAKE A PLEDGE](#)

**GOAL: One trillion trees  
conserved, restored and  
grown globally by 2030.**

**PLEDGE TRACKER**

U.S. chapter contributions  
toward the global trillion tree goal



Trees

50,862,220,547

**Make a  
Pledge** →

The US chapter drives change by facilitating the leadership of US companies, nonprofits, and governments to help us reach the goal of one trillion trees globally.



# Thank you!



1t.org | us