



An aerial photograph of a dense forest of evergreen trees, viewed from above. The trees are dark green and densely packed. On the right side of the image, there is a large, stylized green graphic element that resembles a thick, rounded '1' or a similar shape. The bottom portion of this graphic is filled with a grid of small, dark green dots, creating a halftone or dot-matrix effect. The text is overlaid on the left side of the image.

1t.org US

Community Meeting

February 9, 2023

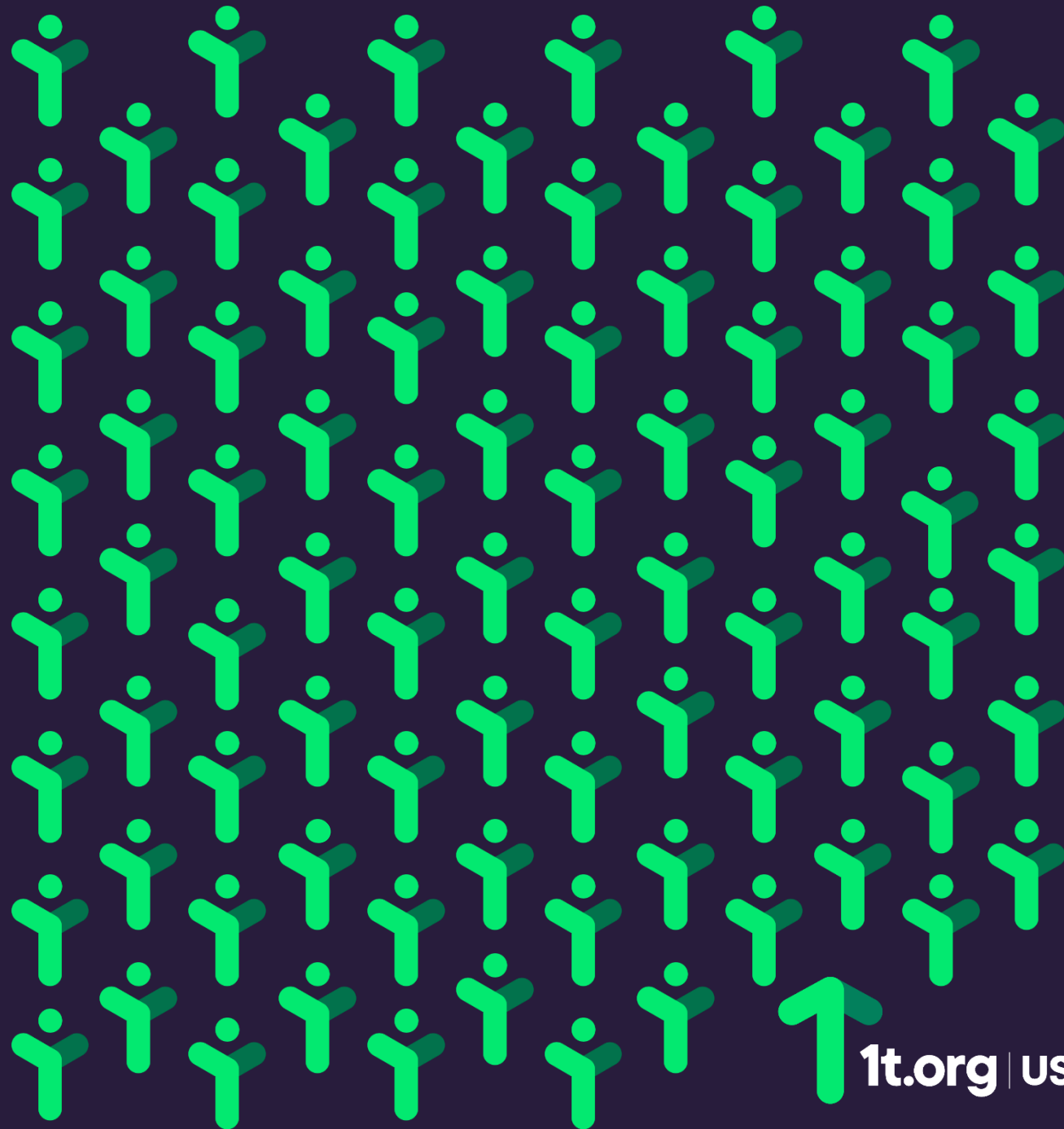
**GOAL: One trillion trees
conserved, restored and
grown globally by 2030.**



1t.org | us

Across the globe, hundreds of organizations are trying to conserve, restore, and grow **one trillion trees** and utilize nature to combat the climate crisis.

We provide a platform for to **mobilize** those groups, share **best practices**, and **connect partners** to enable the community to attain that goal.



→ Corporates

- Apparel & consumer goods
- Technology
- Banking & finance

→ Governments

- Cities
- States
- Federal Agencies

→ Non-profits

- Tree planting entities
- Grassroots
- Youth organizations





100
pledges



Trees pledged:

55,180,814,547 trees





1t.org | us summit

More than **140 attendees** from the trillion trees community joined the Summit in Washington, DC to learn more from one another.



Global events



**Salesforce
Dreamforce22**
*September in
San Francisco*



COP27
**UN Climate
Conference**
*November in
Sharm El-Sheikh*



Greenbiz
*February
in Scottsdale*



**NYC
Climate Week**
*September
in New York City*



COP15
**UN Biodiversity
Conference**
*December
in Montreal*



WEF
Annual Meeting
May in Davos



**Women's Forest
Congress**
*October
in Minneapolis*



USAID
FROM THE AMERICAN PEOPLE

pledge

Pledge to support the conservation, restoration, or management of **100 million hectares** of forests.



USAID Chief Climate Officer Gillian Caldwell ✓
@CaldwellUSAID

Very pleased to strengthen our partnership w/ [@1t_org_US](#), and not just because of [@JadDaley](#)'s puns! Conserving nature is key to tackling the [#ClimateCrisis](#) & we need public, private, & non-government organizations working in lockstep with local communities to do so.





As “The Bayou City,” Houston is reconceiving and reclaiming waterways, greenways, and greenspaces across the city to make Houston cooler, greener, and more resilient to climate hazards.



Trees Pledged:
4,600,000





Indigenous leadership for land restoration

Developing carbon projects that center Indigenous leadership and traditional ecological knowledge for the protection and restoration of forest lands.

Implementation partner:





Girl Scouts of the USA

Girl Scout Tree Promise Update

1T.org Community Meeting
February 9, 2023



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Girl Scout Tree Promise Partnership

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GIRL SCOUT TREE PROMISE

Beginning in 2021, the Girl Scout Tree Promise (GSTP) set out to plant 5 million trees, protect newly planted trees and existing tree cover, engage with citizen science projects, and honor trees on camp properties and in local communities.



The GSTP is dedicated to:

- Support the elimination of carbon emissions
- To create habitats for wildlife
- To promote the safeguarding of existing trees
- Supporting **1t.org** mission of conserving, restoring and growing 1 trillion trees by 2030

97,330+ trees planted!



Since launching the GSTP, GSUSA has continued our outdoor programming and added more climate-focused programming.



WHY SUPPORTING ACTIONS?

- **1t.org** encourages actions that compliment tree planting
- Reviewed by AF to ensure the supporting actions are in accordance with the 1t.org goals
- Unique opportunity for more sustainable activities and climate action
- Inclusivity in the variety of activities that Girl Scouts and GSTP supporters can utilize to contribute toward the GSTP



Based on the list of GSTP supporting actions,

since the launch of the Tree Promise:

Trees planted: 94,300+

Supporting activities: 746,965+

= Over 841,265 !





Our Global Reach

1t.org Regional Engagement



- The 1t.org community in the Sahel region launched a new alliance to boost opportunities for ecopreneurs and improve restoration-based value chains.
- India is also at the forefront of the trillion trees movement. We now have five companies pledging over 113 million trees.
- The 1t.org Mexico Chapter launched in partnership with the Mexican Alliance for Ecosystem Restoration last fall.

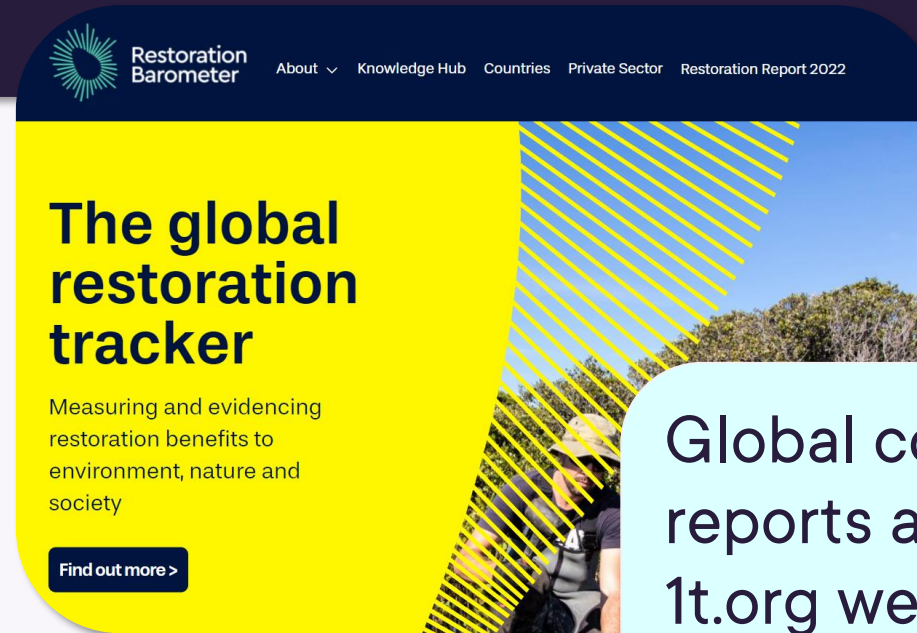
World Economic Forum Annual Meeting

1t.org has now received pledges from over **80 companies** to conserve, restore and grow more than **7 billion trees** in over **65 countries** by 2030.



1t.org Global Company Progress

Companies can join the **1t.org Corporate Alliance**, a cross-industry coalition committed to leadership, action, integrity, transparency, and learning related to forest conservation and restoration.



Global companies' progress reports are now published on 1t.org website, thanks to a collaboration with the IUCN Restoration Barometer.



bit.ly/3lcljeb



uplink



TOP INNOVATORS

Trillion Trees: United States Challenge

- Cultivo Land
- Green Pocket Forests
- Land Life Company
- Natural Urban Forests
- OroraTech GmbH
- Pact Renewables Pty Ltd
- Pano AI
- Treeswift
- TreeWheel



Trillion Trees: United States Challenge Winner



LAND LIFE



Meghan Hertel
North American Director



NatureTech Challenge Winner



ZULU FOREST SCIENCES.



Daniel Mouen-Makoua
Co-Founder



Community of Practice



**Carbon
Finance**

**Tuesday,
March 23**



**Forest
Policy**

**Thursday,
February 23**



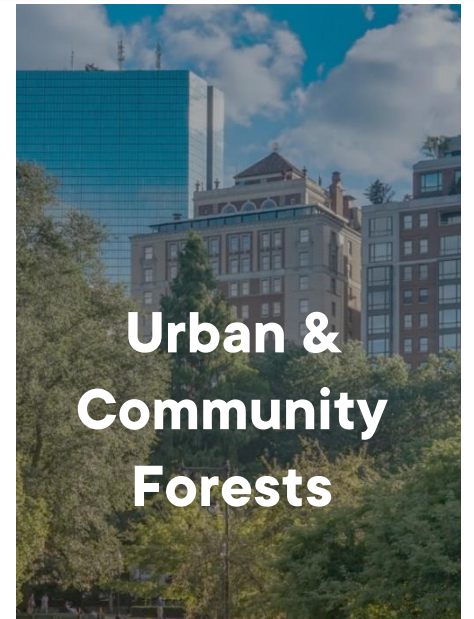
**International
Forests**

**Tuesday,
February 28**



Reforestation

**Tuesday,
March 7**



**Urban &
Community
Forests**

**Tuesday,
February 21**



Terraformation


Our Mission

To help solve climate change by scaling native forest restoration


2030 GOALS



1 trillion trees planted



3 billion acres restored



>10 GT annual CO2 sequestration



Challenges and Solutions in Global Reforestation

Our 2022 Research

SURVEYED

230 respondents from **63** countries

INTERVIEWED

70 respondents from **29** countries

Challenges and Solutions in Global Reforestation

Our 2022 Research

Who Responded	What We Heard	Solutions	Seed to Carbon Forest Accelerator
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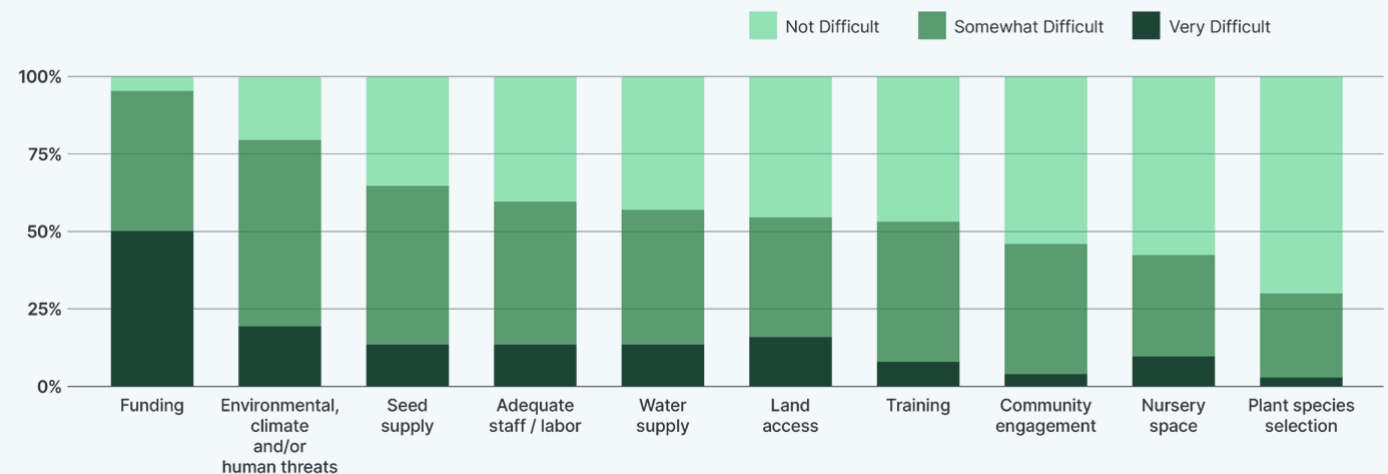
We asked:

WHAT ARE YOUR BIGGEST RESTORATION CHALLENGES?

Insufficient funding affected 95% of respondents. Income directly from restoration (e.g., agroforestry and carbon) made up only about 25% of average project funding.

Insufficient seed/sapling supply affected 65% of respondents, including quality issues and poor species variety. Of respondents, 60% collect at least some of their seeds, and 80% purchase seeds or seedlings (some do both): 46% do not store seeds, 38% stored seeds less than 2 years, and only 16% reported storing seeds for longer than 2 years.

Insufficient funds and training for staff and support for local livelihoods. Training was a commonly mentioned prerequisite to the success of restoration projects, yet many respondents lacked funding to train staff.



Forestry-Backed Assets Design

January 2023

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Findings:

- Bundling forest assets **within and across geographies**, as well as **across vintages (forest age)**, can greatly reduce carbon sequestration volatility and wildfire risk.
- This can be achieved with a relatively **small number of forests** (3-6).
- The most attractive risk–return tradeoffs appear to be in the **tropics**.

Implications:

- **First study of its kind** proposing a framework for **risk pooling and tranching**, a practice common in asset-backed securities, including mortgages and credit cards
- Foundational step in **unlocking institutional capital**

Seed to Carbon Forest Accelerator

incubates cohorts of 10 promising-forestry projects in tropical regions, before financing from traditional project developers comes in.

Companies and philanthropists lock in a share of the carbon credits these projects generate in return for seed capital.

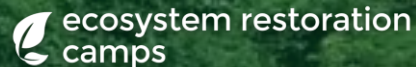


Seed to Forest Alliance



The **Seed to Forest Alliance** will enable rapid scaling of native forest restoration around the globe. Our first challenge is to solve one of the most critical, yet overlooked bottlenecks in reforestation today: seed supply.

Without seeds, we will not reach 1 trillion trees.



Seed shortage



STATE OF THE WORLD'S TREES / 25 MAY 2022

One-third of the Earth's tree species are at risk of extinction, a problem that will only worsen due to climate stress.

BOTANIC GARDENS CONSERVATION INTERNATIONAL



REFORESTATION STRATEGY: GROWING AND NURTURING RESILIENT FORESTS / JULY 2022

The US Forest Service estimates that we need to quadruple seedling supply to meet US reforestation targets.

USDA NATIONAL FOREST SYSTEM



THE GLOBAL SEED BANK INDEX / SEPTEMBER 2022

The world needs thousands of seed banks to address seed supply shortages in ecosystem restoration

TERRAFORMATION



CHALLENGES TO THE REFORESTATION PIPELINE IN THE UNITED STATES / FEBRUARY 2021

We're short 2 billion seedlings per year in the US.

FRONTIERS IN FORESTS AND GLOBAL CHANGE



CONSERVATION LETTERS / NOVEMBER 2017


Forest and landscape restoration severely constrained by a lack of attention to the quantity and quality of tree seed: Insights from a global survey



SEED SHORTAGE: AMERICA'S QUIET CRISIS / 1 SEPTEMBER 2022

We need seeds, lots of seeds

AMERICAN FORESTS



**“With your help,
we can restore our native forests
in THIS generation.”**

—Yishan Wong, CEO and Founder of
Terraformation

Thank you.

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Follow us for updates:



 Terraformation

US Forest Service Update



Chris Swanston, PhD

*Forest Service Climate Advisor
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**Join 1t.org US to be part of a growing
movement to conserve, restore and
grow one trillion trees by 2030**

Pledge now: us.1t.org



Thank you!



1t.org | us