

1t.org US Impact Report

Spring 2024



1t.org | us



Mountain Home Demonstration Forest, Southern Sierra, California. Photo courtesy of Mark Janzen / American Forests.

Trees and forests are a critical part of the solution to the climate crisis and biodiversity collapse. That’s why we aim to mobilize, connect, and empower the global reforestation community to conserve, restore and grow one trillion trees by 2030 for people, biodiversity and planet.

1t.org: A Platform for the Trillion Trees Community

The 1t.org platform was launched at the World Economic Forum’s Annual Meeting in January 2020, with the ambition to connect and empower a global movement to conserve, restore, and grow one trillion trees by 2030, in support of the United Nations Decade on Ecosystem Restoration.

Since its inception, the platform has seen remarkable progress. It has expanded its reach into key regions such as the United States, India, China, Mexico, Canada, the Sahel, and the Amazon, facilitating new multi-stakeholder partnerships, mobilizing and scaling private sector ambition, and supporting innovation, ecopreneurship and youth leadership on the ground. After four years of growth, we have observed greater recognition from stakeholders that restoration is a complex and multi-faceted process which requires a long-term vision anchored in ecologically and socially responsible implementation. The need to protect, manage and restore forest landscapes has gained traction, and there is increasing acknowledgement of the multidimensional roles that trees and forests play – from carbon sequestration to human health, well-being and social justice.

The 1t.org US Chapter, co-led by American Forests, has mobilized significant contributions to restoration from US companies, governments and NGOs. This report marks an important milestone in facilitating transparent and credible implementation of commitments made to date.



Nicole Schwab
Co-Head, Nature Positive Pillar;
Member of the Executive Committee
World Economic Forum

Spotlighting 1t.org US Community Leadership

The 1t.org US platform was the first regional chapter to launch, with the aim of mobilizing a national reforestation community and unlocking its potential to enact change at an unprecedented scale and pace. As the largest historical emitter of carbon dioxide and one of the world's leading economies, the United States bears a significant responsibility to take a leadership role in addressing climate change. Our opportunity for impactful action is remarkable. Yet, progress will not come without challenges.

On May 25, 1961, President John F. Kennedy audaciously declared that America would land a man on the moon by the decade's end. When he made that pledge, the Apollo program was underfunded, with incomplete plans, and lagged behind peers in crucial milestones. Sheer tenacity propelled Neil Armstrong and Buzz Aldrin to achieve the impossible in 1969. The United States witnessed a triumph of human ingenuity that remains among the greatest technological achievements in human history.

Today, confronting the climate and biodiversity crises demands a similar spirit of resolve and unity. We need new financial instruments to unlock greater funding for forests, new governance structures that give Indigenous people and marginalized communities ownership and agency, and bold restoration commitments from both the public and private sectors. Scientific

consensus underscores that nature-based solutions have the potential to provide up to one-third of the climate mitigation needed to reach a 1.5 or 2-degree pathway by the end of the decade.¹ Forest conservation and restoration promises to help safeguard biodiversity, wildlife habitats, and deliver numerous co-benefits to local communities.

While achieving the scale we need may seem daunting, it is achievable. Ambition fuels progress. It propels marathon runners through that last mile, guides scientists toward groundbreaking discoveries, and inspires artists to complete masterpieces. Just as it propelled the US to the moon, ambition will propel this cross-sectoral movement to help address the greatest challenge of our decade—the climate and biodiversity crises.

We take pride in the ambition and achievements of the restoration leaders who have embraced the challenge and joined the 1t.org US platform. May their efforts inspire and invigorate you as we share the progress and impact achieved by this community to date.



Jad Daley
CEO and President
American Forests

The 1t.org US Chapter is a community of public, private, and nonprofit sector entities committed to reaching the global goal of creating healthy and resilient forests.

Pledge Ambition

Total chapter ambition as of April 30, 2024

Total Entities Pledged

67

Non-Profit: **28**

Public: **11**

Private: **28**

Total Trees Pledged

59,267,517,052



Conserve goal:

150,085,000



Restore goal:

59,033,166,052



Grow goal:

84,266,000

The 1t.org US pledge process serves as a mechanism for public, private, and non-profit entities to quantify and showcase their dedication to restoration and conservation. Through this process, organizations can quantify and celebrate their commitments, fostering a culture of accountability and ambition in their endeavors.

These pledges include activities within the United States and activities supported by US-based entities in other countries. To date, the 1t.org US Chapter—which is inclusive of 17 US-based global pledges—has collectively made ambitious commitments to conserve, restore, and grow over 59 billion trees! This cross-sectoral movement exemplifies the transformative potential of leveraging trees and forests for the benefit of people, biodiversity and planet.

Pledge Activities

Conserve



Protecting and maintaining existing, healthy forests and forest landscapes through permanent conservation.

Restore



Reforestation by planting trees on land that has been degraded or where trees are unlikely to regenerate naturally, or assisted natural regeneration.

Grow



Planting and *supporting to maturity* trees in non-forest landscapes such as urban tree planting.

Supporting Actions



Actions that enable trees and forest landscapes, such as nursery development, technology tools, technical assistance, and innovation.

The collective ambition of 59 billion trees reflects a goal that aims to challenge limits and break barriers. Setting a high-reaching, aspirational goal builds resiliency in the face of setbacks or obstacles. This is particularly important because the global goal to conserve, restore, and grow one trillion trees relies on nature—which often presents challenges beyond our control. Catastrophic wildfires, diseases, pests, and the effects of climate change all influence the natural regeneration of forests, impacting our restoration efforts. Our aim as a chapter is to serve the community by facilitating partnerships and fostering innovation that can help unlock scale to reach that ambitious goal together, as one community.

The ambition of restoring 59 billion trees reflects the cumulative goal of all 67 pledges at this juncture. The implementation reported in this impact report reflects the 43 US-based entities that were pledged to the chapter when the reporting cycle began in the fall of 2023.

As the US chapter, we seek to catalogue and catalyze US leadership, which is why we count all US entities in our ambition count. In addition, because of shared interests, shared geography, shared policy impact, and opportunities to collaborate, we include all US-based organizations in our Community Collaborative.

Pledge Implementation

During the initial two years of the 1t.org US Chapter, we're pleased to announce a collective impact estimated at 1,342,487,126 trees restored and growing, along with an additional 113,948 hectares conserved. These figures stem from reported pledge implementation and impact spanning from January 1, 2020, to December 31, 2022.

As of April 30, 2024, the chapter has a total of 67 active pledges. Of these, 43 are included in this impact report for the current reporting cycle.

In addition to the 43 counted here, 24 pledges were not required to submit a report to 1t.org US but are eligible to participate in 1t.org US community activities :

- 17 are US-based multinational companies that report to the 1t.org global platform. For details on multinational companies pledging and reporting to the 1t.org global platform, visit: 1t.org/implementation-dashboard.
- 7 joined after the opening of the current reporting cycle and will be submitting reports in Q4 of 2024.

Commitment to Accountability

The essence of the 1t.org US approach lies in fostering collective action and inspiring further engagement.ⁱⁱ We believe in the power of collaboration across sectors to yield significant outcomes. Our commitment to transparency and accountability drives us to consolidate the impact of our diverse movement.

It's important to note that we do not accredit, issue credits, or provide guarantees, nor do we have any financial stake in our pledges' efforts. We invite you to join us in celebrating our collective achievements thus far as we stand ready to expand our impact in the years ahead. For further information on our accountability and reporting frameworks, visit us.1t.org/accountability.

1t.org US Collective Impact

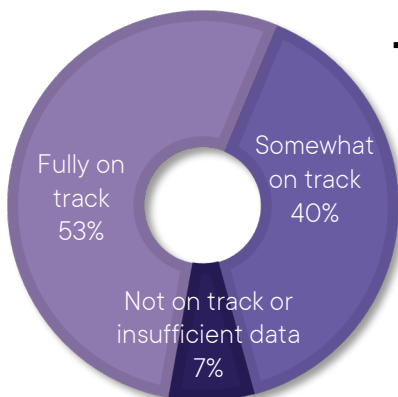
*43 Pledge Reports
Jan 1, 2020-Dec 31, 2022*

113,948

Hectares Conserved

1,342,487,126

Trees Restored & Growing



Tracking Progress

Assessing progress is not straightforward with nature since there is no instant gratification and benefits can take years to realize. To gauge our trajectory toward achieving our goals, we've surveyed all pledges to determine if they are on track. We're pleased to report that over 90% of entities are fully or somewhat on track to complete their pledge.

Conservation Implementation

Protecting and maintaining existing, healthy forests is vital for safeguarding biodiversity and the ecosystem services trees provide. Many communities depend on the water capture, air purification, soil health, and temperature-cooling effects of their local forests. Beyond the biodiversity benefits, conservation is essential to protect sources of 'irrecoverable carbon' in old-growth forests.

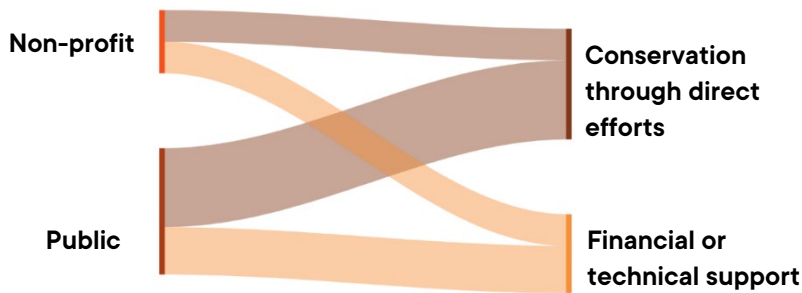
A collaboration led by [Crowther Lab at ETH Zurich](#) brought together hundreds of scientists worldwide to conduct an integrated global assessment of forest carbon potential. Their findings reveal that forests currently store approximately 226 gigatons of carbon less than their full potential across landscapes where conservation and restoration are practical. They've concluded that conserving existing forests could unlock **61% of the global forest carbon potential**.ⁱⁱⁱ Avoided deforestation offers up to nine times as much potential low-cost carbon abatement as planting new trees.^{iv}

Here is the impact the 1t.org US pledges have achieved through conservation activities:

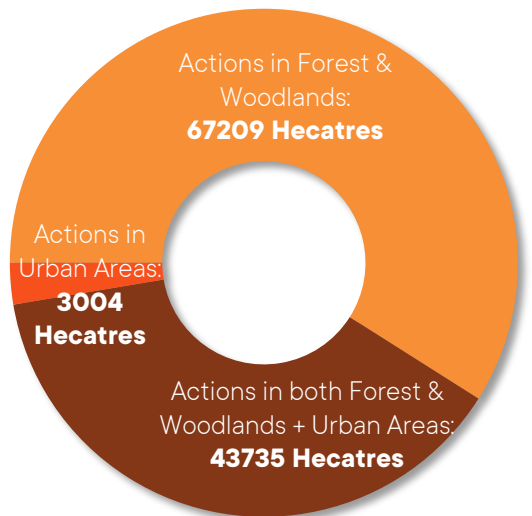
113,948
Hectares Conserved

Implementation Type by Sector

This chart shows the distribution of type of action taken by non-profit and public sector pledges entities.

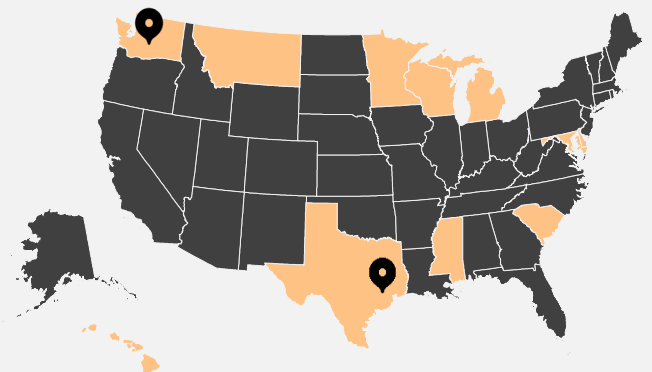


Conservation Implementation by Ecosystem Type



Conservation Actions by Geography

All conservation interventions reported to the 1t.org US Chapter for this reporting cycle took place within the US. At the state level conservation took place across Hawaii, Michigan, Minnesota, Mississippi, Montana, South Carolina, Texas, Washington, Wisconsin. At the local level, conservation activities were in the City of Houston and King County in Washington.



Restoration Implementation

Restoring degraded forests is crucial for biodiversity and ecosystem health. Biodiversity is essential for forest productivity, with approximately 50% of forest productivity attributed to biodiversity.^v The potential of restoration is huge, and it is essential that restoration approaches are carried out in socially and ecologically responsible ways, following the 10 Principles of the UN Decade on Ecosystem Restoration (2021-2030).^{vi} Restoration must prioritize equitable development and the needs and rights of local communities, indigenous peoples, and farmers. Policy interventions that promote biodiversity conservation and empower local stakeholders are key to achieving successful forest restoration efforts. In support of these goals, we ask pledges to commit to responsible and equitable forestry practices.

Of the previously mentioned 226 gigatons of carbon below the full potential of forests outside urban and cropland areas, the remaining **39% of the potential lies in regions where forests have been removed or fragmented**.^{vii} Reconnecting fragmented forest landscapes through sustainable ecosystem management and restoration is essential. While there are significant carbon benefits to restoration, it is no substitute for rapidly cutting greenhouse gas emissions.



1t.org US Summit, 2023. Photo courtesy of 1t.org US and American Forests / Rayon Richards.



Paradise and Conejo region, CA, 2020. Photo courtesy of Austin Rempel / American Forests.

Here is the impact the 1t.org US pledges have achieved through restoration and growing activities:

1,259,453,484

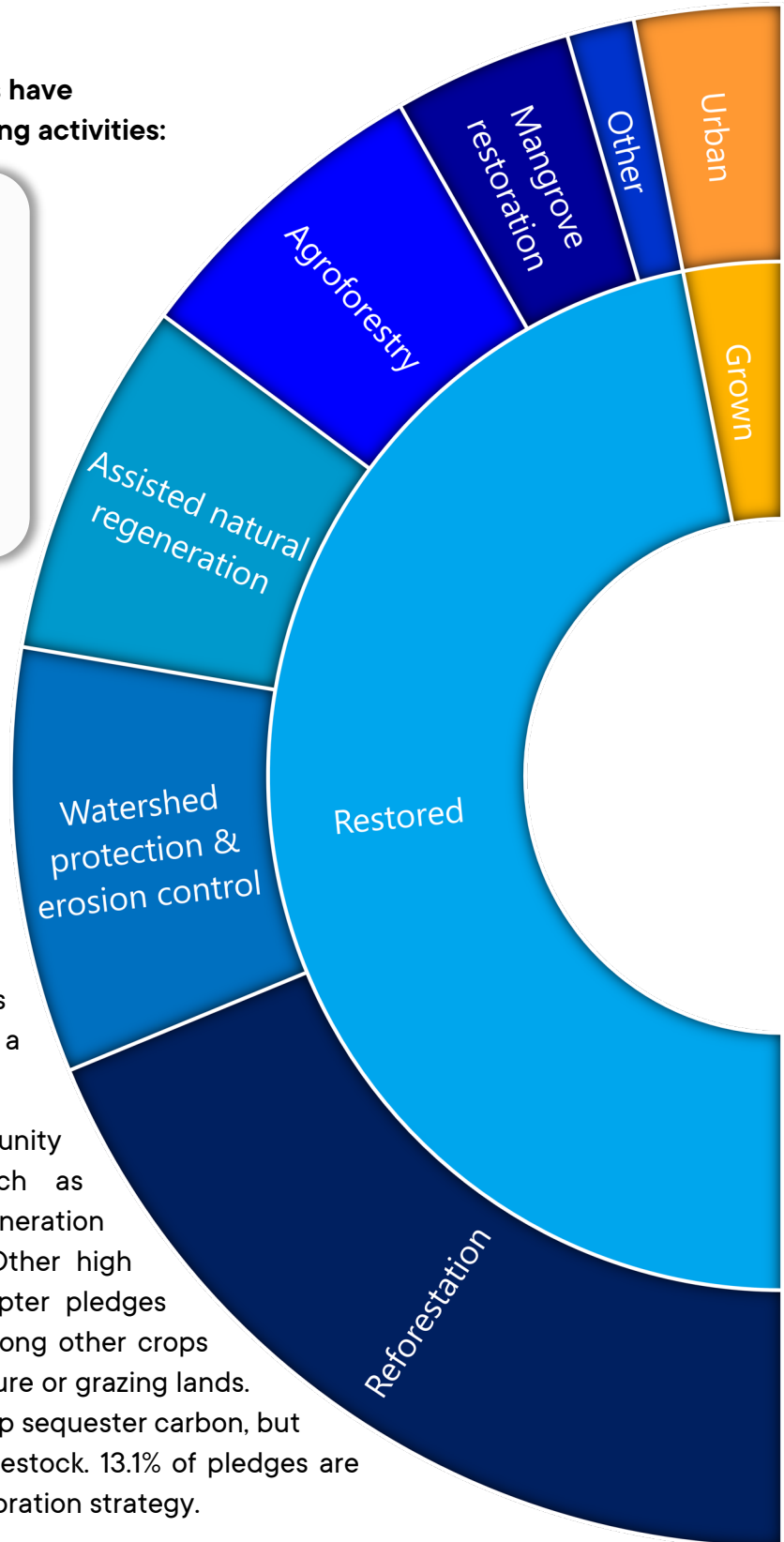
Trees restored in forests & woodlands

83,033,642

Trees growing in urban areas

According to research by the Nature Conservancy and American Forests, there are up to 148 million acres of opportunity in the United States alone to restore forest cover for climate mitigation that can be explored on the [Reforestation Hub](#).^{viii} Additional research shows significant opportunities for agroforestry to play a role in restoration in the US. In Maryland alone, growing trees along with crops could boost the state's carbon sink by as much as 29% over a decade.^{ix}

Restoration activity in the 1t.org US community is diverse and includes actions such as reforestation (37.5%), assisted natural regeneration (15%), and urban tree planting (6.2%). Other high impact strategies deployed by US Chapter pledges include agroforestry — growing trees among other crops and silvopasture — growing trees on pasture or grazing lands. Agroforestry and silvopasture not only help sequester carbon, but it can also provide food and shade to livestock. 13.1% of pledges are using these strategies as part of their restoration strategy.



Action



Policies

Protocols, internal strategies, or policies for enabling pledged restoration activities



Funding

Financial support invested for pledged restoration activities



Monitoring

Restoration monitoring tools and systems utilized

Impact



People

Social benefits such as jobs generated/supported or grassroots impact



Biodiversity

Ecological benefits that support native species or conservation areas



Planet

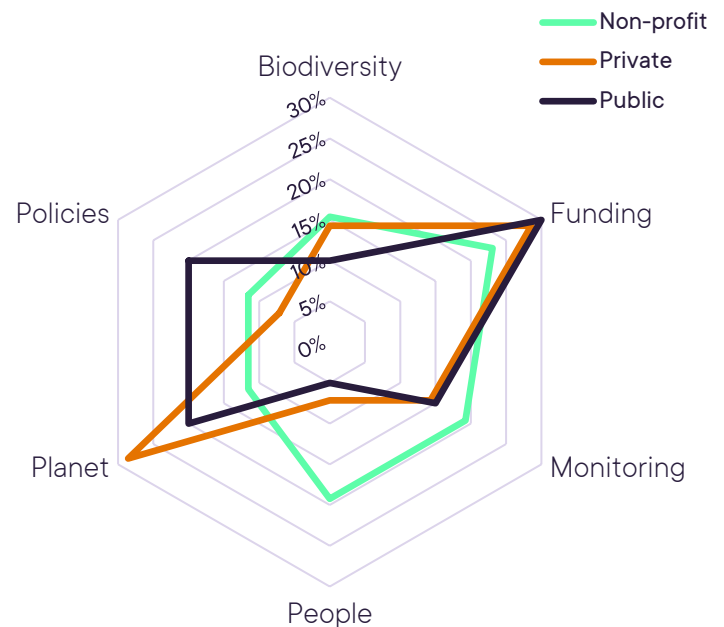
Climate benefits and carbon sequestration

Pledge Indicators

We have structured the indicator section by drawing upon established frameworks, notably the IUCN Restoration Barometer,^x to facilitate straightforward data comparison. This section comprises six segments within the report, each designed to gather data enabling us to assess the actions undertaken by pledge entities and the overall impact that has been generated by pledge entities through the 1t.org US platform.^{xi}

Pledge entities were required to pick two of the following indicators: policy, funding, monitoring, people, biodiversity and planet. Here is the breakdown of how pledges reported their impact.

Indicators by Sector





Policies

The impact of the 1t.org US community's collective work needs to be measured beyond just the number of trees and hectares—changing existing or creating new policies, whether by legislatures or executive actions, is an important first step in translating ambition into action. Policy changes can create and transform markets and provide much-needed funding for a wide range of restoration projects.

Policy Highlights			
Federal	State	Local	
<p>IRA and REPLANT Act Several pledges advocate for forestry restoration funding through the Inflation Reduction Act (IRA) and the Repairing Existing Public Land by Adding Necessary Trees (REPLANT) Act of 2021 at the federal level.</p>	<p>Keep Washington Evergreen Although SB 5633, aimed at conserving and reforesting one million acres in Washington, did not pass, it spurred subsequent conservation efforts within the WA DNR. Read more here.</p>	<p>King County Land Conservation Initiative A regional effort involving King County, cities, businesses, farmers, and environmental partners to preserve vital natural lands and urban green spaces. Read more here.</p>	<p>Houston Nature Preserve Ordinance Passed by the Houston City Council in 2022, this ordinance conserves over 7,000 acres of natural areas throughout the City of Houston Park system. Read more here.</p>

1t.org US Key Policy Partner



FOREST-CLIMATE WORKING GROUP

Several nonprofit and private sector pledges of the 1t.org US Chapter are members of the [Forest Climate Working Group \(FCWG\)](#), which aims to “provide policymakers with innovative, science-based ways to leverage forests and forest products as a natural climate solution.” This coalition advocates for state and federal-level policies. Notably, the Sustainable Forestry and African American Land Retention Program (SFLR) ensures equitable representation for underserved and small forest landowners within this group.

Supporting Underserved Communities

National Indian Carbon Coalition (NICC)

Through the Indian Land Tenure Foundation (ILTF), NICC assists tribal nations in sustainably preserving and managing their natural resources. This initiative supports tribes in implementing conservation practices, developing carbon projects, and fostering partnerships with socially responsible organizations to enhance financial security.

Sustainable Forestry and African American Land Retention Program (SFLR)

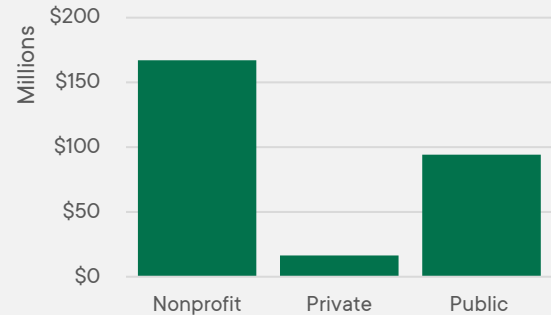
SFLR aids farm operators and owners in obtaining USDA farm numbers, essential for accessing USDA programs like lending and disaster relief. In collaboration with the USDA Natural Resources Conservation Service, SFLR network sites establish funding pools to assist landowners in implementing conservation practices.



Funding

The cost to implement restoration varies widely by geography, ecosystem type, and regeneration intervention required. This indicator is designed to assess the financial investment of the 1t.org US platform on pledge implementation. A total of 22 pledges, nearly half of all pledged entities which reported in this cycle, shared an estimated sum of \$270+ million towards their conservation and restoration activities. These investments range from financing implementing partners, to funding tree maintenance, to staff time for planting projects.

Financial Support Spent by Sector



Much more investment will be needed from both the public and private sectors to fill the gap in nature funding. According to the [State of Finance for Nature 2023](#), to meet Rio targets, annual investment in Nature-based Solutions (NbS) would have to nearly triple from \$200 billion to \$542 billion by 2030.^{xii} Private sector investment only encompasses 18% of total NbS finance and could increase by seven times to 33% by 2050.



Monitoring

1t.org Key Monitoring Partner



Restor was launched in 2021 by the Crowther Lab to increase transparency and knowledge sharing across global restoration projects. The tool shows current and potential tree cover, which species of flora could exist, and how much potential carbon could be stored through restoration. Users can share reforestation projects on the platform and show progress. More than 50,000 reforestation sites have already been added to the platform. The open-source platform also supports site monitoring by identifying land cover changes through satellite imagery.

Measuring and tracking progress is critical to the success of restoration at scale. This indicator explored the types of monitoring systems put in place to track the implementation of pledged activities.

Tools Highlights

Restoration Atlas (NOAA): Interactive tool for exploring habitat restoration projects.

Akvo Flow: Open-source app for capturing, cleaning, and monitoring data offline, with visualization and sharing capabilities.

PrintRelief: Sustainability software automating environmental offsets, offering certified reforestation and carbon offsets for businesses reliant on paper/fiber-based materials.

Terraware (Terraformation): Software for remote monitoring of restoration activities worldwide, from seed bank to planting site.

People

Workforce development and job creation is one way to track the ‘people’ impact of restoration work, and many of our pledges shared exciting job numbers. Pledges like Blue Forest Conservation are leveraging an innovative finance tool called Forest Resilience Bonds to support forest health projects in the West. The [Forest Resilience Bonds in the Yuba National Forests](#) have created and sustained 99 jobs between 2020-22.

However, jobs aren’t the only way to measure impact for people. Here are a few pledge highlights:

Girl Scouts of the USA



Since 2021, Girl Scouts of all ages have set out to plant, protect, and honor trees as part of the [Girl Scout Tree Promise](#). Millions of Girl Scouts are conducting citizen science projects and learning about the science around trees and forests.

American Forest Foundation

Family Forest Carbon Program

Developed by the American Forest Foundation and The Nature Conservancy, the [Family Forest Carbon Program](#) enables family forest owners to access climate finance from carbon markets. They currently have 75,516 acres enrolled from family forest owners.

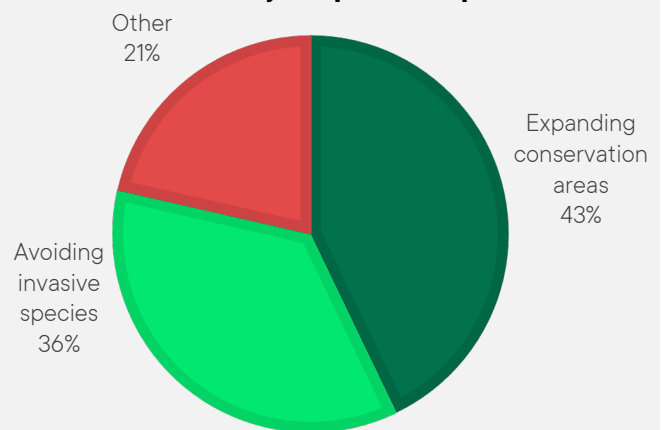


Biodiversity

Forest restoration and conversation are critical to addressing the biodiversity crisis. This includes protecting habitats for vulnerable species, the creation of corridors for wildlife, or supporting a [Key Biodiversity Area](#).

For this indicator, pledges reported on the biodiversity benefit of their pledged activities. The chart to the right shows the summary of impact.

Biodiversity Impact Reported



Paullina Peak Observation Site. Photo courtesy of Jesse Roos / American Forests

Whitebark Pine

Forests provide habitat for biodiversity to thrive, however some tree species themselves are in danger. In 2022, whitebark pine was listed as threatened under the Endangered Species Act. If not restored, whitebark pine forests will be permanently altered. Several pledged entities are working across the Western United States to restore this tree species.



Planet

Although nature-based solutions are not going to solve the climate crisis on their own, they can help mitigate climate change through carbon sequestration.^{xiii} Restoration is one of several nature-based solutions that could provide one-third of the climate mitigation needed this decade to help preserve planetary health.^{xiv}

Pledge entities reported on their estimated cumulative carbon sequestered or reduced over the reporting period. These carbon estimates have not been verified or certified; this data was provided as an informal estimate to give a sense of the potential carbon that will be sequestered by these projects over time. One tool pledge entities used is the [1t.org US Carbon Estimator](#), which helps estimate the potential carbon impact of each pledge. [Read more about the methodology.](#)

Of the pledges that reported medium to high confidence in their data, they've collectively sequestered 162.22 million tons of carbon.

162.22

Million Tons of CO2



Mobilizing the 1t.org US Community

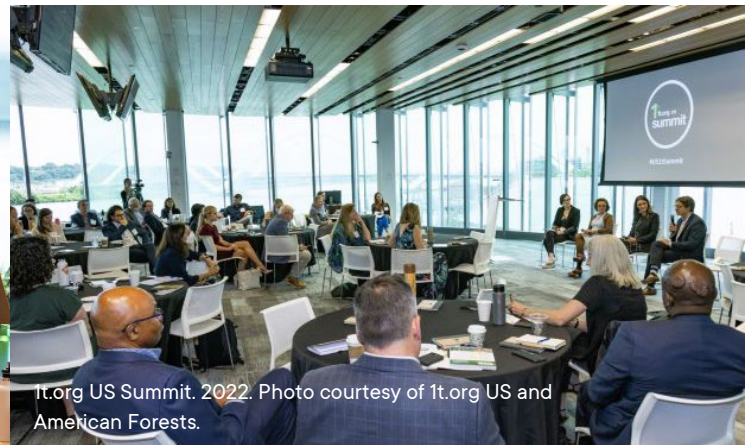
From the outset, one of the key goals of 1t.org US was convening — to bring together disparate actors from different sectors. Together, a shared interest and passion for trees and forests as natural climate solutions transcends preexisting differences.

Since our formation in 2020, we have hosted two summits that brought together hundreds of 1t.org US leaders, hosted dozens of community collaborative events, and have networked across four continents to bring the latest research and best practices back to our community, allowing us to share our learnings with a global audience at events like Climate Week in New York City, the Convention on Biological Diversity Conference of the Parties, and the last three UNFCCC Climate Conferences of the Parties.

No other community brings together such a diverse array of actors working toward a common goal to conserve, restore and grow trees and forests for the health of people, biodiversity and planet. The power of our impact lies in the mobilization of many with differing skills, resources and talent.



1t.org US Summit. 2023. Photo courtesy of 1t.org US and American Forests / Rayon Richards.



1t.org US Summit. 2022. Photo courtesy of 1t.org US and American Forests.



1t.org US Summit. 2023. Photo courtesy of 1t.org US and American Forests / Rayon Richards.



1t.org US Summit. 2023. Photo courtesy of 1t.org US and American Forests / Rayon Richards.



1t.org US Climate Week 2023. Photo courtesy of 1t.org US and American Forests.

Pledge Report Narratives

The above summary is just a snapshot in time of the collective impact our pledges are making around the US and around the world. The following stories of pledge progress allow you to learn more about individual pledge impact in their own words!

Non-profit Sector	
<p>American Forest Foundation</p>	<p>Since January 2020, the American Forest Foundation has advanced in its commitment to the 1 trillion tree goal through its implementation of restoration and supporting actions. AFF operated across the U.S. to maintain existing trees and plant new ones- an essential combination to tackle the climate challenge while supporting forest health and vital co-benefits like biodiversity, clean soil, air, and water, and protection from wildfire. AFF undertook efforts to restore over 19,000,000 trees in the U.S. through afforestation, reforestation and revegetation methodologies, planting to support biodiversity, and assisted natural regeneration actions like exotic species control and wildfire protection activities.</p> <p>AFF and partners developed a new carbon accounting methodology that was approved by Verra in October 2022, supporting improved rigor in carbon impact calculations of Improved Forest Management activities. Through the Family Forest Carbon Program, AFF enrolled over 42,000 forested acres and 275 landowners in practices that sequester and store additional carbon from the atmosphere while improving the long-term health of these forests. AFF invested in developing the forest workforce, training over 30 consulting foresters and foresters employed by other entities and hiring more than 10 foresters to AFF's staff. AFF further supported sustainable forest management through the American Tree Farm System on approximately 18 million acres with the 68,000 landowners who are part of ATFS, and in its work with partners in the White Oak Initiative and the Sustainable Forestry and African American Land Retention program. AFF also helped manage and restore 43,000 acres of land in California to more fire-resilient conditions.</p> <p>Over the reporting period, AFF contributed to sequestering an estimated 59,800,000 tonnes of CO2e and committed \$32,800,000 to its pledged activities. AFF continues to implement, learn, and iterate on its efforts to advance the 1 trillion tree goal, mitigate climate change, and support our forests, people, and planet.</p>
<p>American Forests</p>	<p>Since our founding in 1875, American Forests has been the leader for creating healthy and resilient forests in cities to large natural landscapes. Our 1t.org US Chapter pledge focuses on our placed-partnerships in cities and forest landscapes to develop enduring, science-based forestry plans. In large landscapes, we help ensure that forests are healthy and resilient to the impacts of climate change through our Resilient Forests program. In cities, we help develop and implement plans for planting and caring for trees in the neighborhoods that need them most with our Tree Equity program.</p> <p>American Forests' Resilient Forests program restores forest health across the United States, Canada and Mexico. We focus on helping forests adapt to stressors that climate change is making more severe and more frequent. These include extreme wildfire, deep droughts and outbreaks of pests and disease. Since 2020 we have planted 16,549,294 trees in 25 states. We work in partnership with the USFS, National Parks Service, US Fish and Wildlife Service, Bureau of Land Management, state agencies and Tribal Partners.</p> <p>Since 2018, American Forests has been powering a movement of frontline advocates, national partners, and allies across sectors to embrace Tree Equity as an achievable vision for all U.S. cities. Trees in cities provide health, employment and climate resiliency benefits that everyone should have. The tree equity portion of our pledge to plant and protect 1.2 million trees emerges from our work in collaboration with city, state and nonprofit leaders nationwide. To date we have worked with 68 cities to provide support. Through a proven partnership model, we are building innovative planning, policy, finance and implementation resources that proactively optimize urban forests nationwide for climate change and public health benefits. We partner with state agencies, cities and community based groups across the country to advance tree equity.</p>

Arbor Day Foundation

The Arbor Day Foundation through its membership, vast network of partners, and collaborators is advancing unprecedented plantings across the United States and the globe. Our plantings are furthering urban and community forestry to increase canopy in critical areas of need, as well as traditional forest lands in need of restoration and planting support. There is continued momentum of support and interest from both the private and public sector to achieve these goals. We have seen a growing network of nonprofit partners and government agencies who are prepared to scale their work in a data-driven, science-based approach and we are proud to support their efforts. Since the beginning of our pledge, we have planted over 120 million trees worldwide.

Undoubtedly, as this movement continues to grow, we are learning lessons every day, every week, and every month. These lessons help guide us on how to ensure we're planting the right trees in the right place, capturing the data for monitoring, and tracking the success of these plantings, while ensuring we are engaging local community leaders who have ownership and a stake in the success of planting initiatives. As much momentum as we have seen, there are still tremendous opportunities to grow awareness, investment, and attention to this important work.

Blue Forest Conservation

Blue Forest has spent the last few years building our pilot project pipeline while continuing implementation on our Yuba I and II Forest Resilience Bonds (FRBs). These projects, with the National Forest Foundation as our implementation partner, have demonstrated the potential for conservation finance as a highly effective mechanism for landscape scale restoration.

Our main achievements thus far have included the successful launch of the Yuba II FRB, which expanded upon the success of the first FRB; the completion of financing and almost all restoration work on the Yuba I FRB; and our expansion of pilot projects into new geographies across the West. We have learned that ecosystem benefit evaluation is essential in engaging stakeholders and communicating the many environmental, financial, and health benefits of forest and watershed restoration.

Across our Yuba projects, we have seen to date: 99 jobs created and supported; 24,000 MTCO2 emissions avoided; 63,000 acres included in our restoration project areas; and 23,000 acre-feet of water supply protected.

Chicago Region Trees Initiative

The Chicago Region Trees Initiative, founded by The Morton Arboretum, is a partnership comprised of more than 200 organizations working together to improve the health of the urban forest in the Chicago region and to prioritize action where it is needed most. CRTI covers seven counties, 284 municipalities, 7 forest preserve/conservation districts, 175 Park Districts, and 9.4 million people. CRTI has continued to implement the region's urban forestry Master Plan to inspire people to value trees, increase the region's tree canopy, reduce threats to trees and enhance oak ecosystems. One area where significant progress has been made is in the increased awareness and prioritization of urban forestry work, including monitoring and analysis of the health, species diversity, and canopy cover of the region's trees. In 2020, CRTI completed a second Tree Census and an update of LiDAR imagery across all seven counties. This data showed that tree canopy has grown from 21% in 2010 to 23% in 2020. Additionally, heat, air quality, flooding, demographics, and health, data were updated and integrated into an interactive prioritization map. Canopy summary data sets were created and distributed to each of the 284 communities and 75 Chicago neighborhoods. This information has been used to guide decisionmakers including the City of Chicago to develop local strategies. For instance, using this information, the City of Chicago allocated \$46 million for increased tree planting, and additional funds to improve tree care, prioritizing under canopied neighborhoods of the Chicago first – including the creation of resident led input in Our Roots Chicago. Urban Forestry Basic Training, TreeKeepers and Tree Ambassadors programs have enabled expanded awareness and knowledge of tree care to hundreds of individuals in disadvantaged communities. The formation of the Openlands Arborist Apprenticeship program and expansion of the Student Conservation Association have enabled increased knowledge, training and job skills to individuals. Implementation of contract growing has enabled expanded tree species diversity and access to smaller size classes that a wider range of individuals and organizations can plant. Increased funding through public and private sources has enabled increased tree planting and improved local policies, tree inventories, management plans and tree care across the entire region.

City Forest Credits

City Forest Credits™ is a national nonprofit organization that manages carbon protocols and issues third-party verified carbon offset credits to city forest projects. For carbon credit projects from 2020 to 2022, City Forest Credits (CFC) planting projects resulted in over 297,000 trees planted, and over 1,900 acres preserved, across the continental United States. Additionally, tree planting projects were certified through our Impact Certification™. Our science-based impact standards assess and demonstrate social equity, human health, and environmental benefits of tree projects. CFC does not develop projects or buy, sell, or broker credits.

CFC continues to provide reliable, transparent, and efficient pathways for the private sector to contribute towards city forest projects that will help grow 1 trillion trees by 2030. Companies can purchase verified carbon offsets from urban forest projects, that not only contribute to carbon sequestration, but also have quantified health, equity, and environmental impacts. Companies can thus leverage their carbon offset or social impact dollars where they matter most, trust in the standards, and be able to report on data from high-quality projects.

We work with cities, counties, conservation districts, land trusts, and nonprofits that are leading tree projects across the country. Altogether, we worked with 30 Project Operators. All projects are available for viewing on the Carbon Project Registry page of our website: <https://www.cityforestcredits.org/carbon-credits/carbon-registry/>. We also collaborate with national urban forest leaders such as American Forests, Arbor Day Foundation, Smart Surfaces Coalition, Trust for Public Land, and The Nature Conservancy.

Eden Reforestation Projects

From January 2020 to December 2022, Eden Reforestation Projects planted a total of 818,388,255 trees in 10 nations (Honduras, Brazil, Kenya, Ethiopia,

Mozambique, Madagascar, Nepal, Indonesia, Philippines, and Haiti).

In 2022, we employed an average of 1,441 part-time employees and 5,777 full-time employees per month. This generated substantive benefits designed explicitly by and for each community that supported their well-being, raised living conditions, and restored their environment.

Eden has faced some challenges regarding the long-term sustainability of our tree-planting projects. We have decided to shift our focus to longer-term forest landscape restoration and hope to continue operating within strategic landscapes within the following countries: Madagascar, Mozambique, Kenya, Ethiopia, Nepal, The Philippines, Honduras, and Brazil. Eden's approach is to consolidate as much of our existing work as possible into these strategic landscape projects to build on the impressive foundation we have laid.

Evangelical Environmental Network

Restoring and protecting our nation's woodlands and urban forests is central to EEN's mission to care for God's creation and ensure a healthy environment and safe climate where all God's children can thrive. Over the course of 2020-2022, EEN educated over 500 evangelical church communities on the importance, urgency, and benefits of conserving, restoring, and growing our forests, with special focus on equitably increasing urban tree cover in underserved communities.

EEN also mobilized thousands of evangelical Christians to advocate for forest restoration, conservation, and urban tree planting and educated Congressional policymakers on the need for increased support and investment in US wildland, suburban and urban forests. From 2020-2022, these efforts contributed to the successful passage of landmark legislation for forest conservation and restoration including the Replant Act, the Bipartisan Infrastructure Law, and the Inflation Reduction Act.

During this period, we also advanced initial steps to reach our goal of planting 1,000 trees per year by forming partnerships with Plant with Purpose and ARocha USA. These efforts laid the foundation for EEN to support community-led tree planting across the world and offset our carbon footprint.

Girl Scouts of the USA (GSUSA)

Since 2021, Girl Scouts of all ages have set out to plant, protect, and honor trees as part of the Girl Scout Tree Promise (GSTP). Girl Scouts and non-members have planted tens of thousands of trees, protected newly planted trees and existing tree cover, engaged with citizen science projects, and honored trees on camp properties and in their local communities. They've learned about climate change and taken action through the GSTP as well as a suite of activities that comprise Girl Scouts' national climate program.

	<p>Bringing together a variety of already existing, progressive programs under a new, cohesive narrative, the climate program includes both quick and in-depth options for K-12 Girl Scouts and other youth to participate on their own, in a troop setting, or in a community with friends and family.</p> <p>Recently, to extend Girl Scout efforts beyond tree planting, Girl Scouts' climate program has moved towards a pledge of 5 million climate-supportive actions, including tree planting, protecting, and honoring activities as part of the GSTP, as well as other activities such as nursery development and environmental education. With guidance from GSTP partners such as 1t.org, American Forests, and The Arbor Day Foundation, and in conjunction with the standards of many committed organizations that are leveraging their influence, capital, and resources, these climate actions are dedicated to supporting the elimination of carbon emissions, creating habitats for wildlife, and promoting the safeguarding of existing trees.</p> <p>Many of these activities are synergistic with the ways Girls Scouts are already acting to prevent climate change, such as through acts of service and engagement in climate action events. While financial support for GSTP events/projects have grown, Girl Scouts can continue to be seen in places from their camps and communities to climate conferences and discussion panels, raising their voices to make a difference.</p>
<p>Global Forest Generation</p>	<p>Global Forest is a proud member of the 1t.org network, and serves as a planting partner for many corporates in the network through our regional high Andean forest ecosystem restoration initiative Acción Andina. Acción Andina launched in 2018 and has planted a total of 6,508,208 native trees to date, with 3.2 million more being planted as we speak (and through March 2024). Acción Andina is organized and administered by 15 month seasons, from January through March of the following year. Reforestation campaigns take place during the high Andean rainy season, mainly from October through March. With that in mind, I'm going to put the timeline below in those terms - from January 2020 through March of 2023, to cover the last full three Acción Andina seasons (2020/21, 2021/22, 2022/23).</p> <p>In that time period specifically results include:</p> <ul style="list-style-type: none"> - 5,959,912 native tree planted on 3,478 hectares now under restoration management - 5 countries: Argentina, Bolivia, Chile, Ecuador, Peru - 12 local Acción Andina partners implementing 18 projects - 80 local nurseries built or expanded - 99 local communities involved - Approximately 20,000 people involved in restoration activities - Thousands of people benefitting from products and services distributed by local Acción Andina partners to address drivers of deforestation, create new income streams, and contribute to more sustainable resource management. For example, water catchment systems installed during this period are providing water to hundreds of families in Ecuador and Bolivia, while hundreds more benefit from artesanal clean cookstoves in Peru. Other community service activities include fruit cultivation as a new income stream, agroforestry and livestock management to protect local livelihoods, and even literacy programs. <p>Acción Andina continues to grow year on year, with more and more local organizations interested in joining the initiative and more local communities committing to restoring and protecting their lands.</p>
<p>Green Forests Work</p>	<p>From January 2020 - December of 2022, GFW and our partners planted more than 2,200,000 trees across more than 2,000 hectares, investing millions of dollars in economically distressed regions. Our projects have primarily focused on restoring native forest types on former coal surface mines in the Appalachian region, but we also supported several reforestation projects in Australia, in partnership with the Arbor Day Foundation. These reforestation projects not only improve the local environment, but also have far-reaching impacts, by improving water quality of downstream watersheds, filtering the air, mitigating global warming, and improving habitat for migratory songbirds. Our projects also improve economic conditions throughout the region by directly supporting seed collectors, tree nursery workers, equipment operators, and professional tree planters, while also benefitting the transportation, retail, and hospitality sectors where the projects are located. These projects have involved 1,200 professional participants and more than 3,400 volunteers, who contributed more than 10,000 volunteer hours, and included more than 1,200 volunteers under the age of 25.</p>
<p>Jonas Philanthropies</p>	<p>Project Applications: 232 Projects Funded: 50 Total Funding Deployed: \$800,000 Trees Funded: 1,030,067 Projected \$/Tree: 0.78</p>

	<p>Countries: 31 Continents: 6 Matching Funds: \$1.2M Lessons Learned or Affirmed: Front-line community led solutions are still considered the most reliable climate solutions when the wellbeing of the community is interdependent with the implementation and maintenance of the solutions but indigenous communities and person of color communities are consistently underfunded and ignored by the vast majority of philanthropy Much of tree planting funding is mired in "carbon reductionism" Tree counts don't account for true community impact and community health "Tree planting" is an incomplete frame - "Tree growing" , "Ecosystem restoration" , "Nature-based Solutions", and "Community Health and Climate Resilience" are more holistic and inclusive Trees intersect with and relate to a number of "Nature-based Solutions" Many Nature-based Solutions are underfunded and marginalized Jonas Philanthropies has taken a courageous "tip of the spade" approach to trailblazing new approaches to address global health and climate change</p>
<p>National Forest Foundation</p>	<p>Since 2020, the National Forest Foundation has planted 24,676,468 trees across more than 71,000 acres of public National Forest land with our partners at the US Forest Service. Through our partnership, we have supported more than 134 projects that plant native, ecologically appropriate species on areas affected by severe disturbances or areas in need of native habitat restoration. Projects also include those with our local and regional partners through NFF's robust field program. These are often through invited grants, matching grants, and contract awards. The majority of our reforestation projects are through our master agreement with the US Forest Service.</p>
<p>National Indian Carbon Coalition</p>	<p>The National Indian Carbon Coalition (NICC) is an Indian-led non-profit program that helps tribal nations and individual Indian landowners take advantage of carbon credit and enter environmental commodities markets through the development of carbon sequestration or offset projects. NICC views these projects as economic development opportunities that preserve tribal nation and tribal member land ownership while returning profits to reservations economies and communities.</p> <p>NICC has engaged with five (5) tribal nations throughout North America for the development of carbon sequestration projects on tribal lands. The goal of these projects is to protect and preserve, rather than extract or exploit, tribal natural resources while still being able to derive revenue from these traditional lands.</p>
<p>Nordson Green Earth Foundation</p>	<p>We planted 20 trees this year but we are currently in discussion regarding two upcoming tiny forest projects. each will include several trees and multiple community engagement events.</p> <p>Our junior board (high school children) has presented about the benefits of trees and native plants at six educational events including STEM festivals, corporate tabling events and community nature festivals.</p> <p>We have given educational lectures on the health benefits of trees and forests to several organizations including the Chicago Conservation Corps, the Markham Public Library, the University of Illinois, Chicago, School of Public Health and the University of Illinois College of Medicine at Rockford Health Research and Evaluation Division, American Hospital Association.</p> <p>Our Cook County Markham Courthouse tiny forest was featured in both written and video format in Scripps News, a national media outlet.</p> <p>We were chosen to be part of the National Academy of Medicine's new Climate Communities Network (part of the NASEM's Climate Grand Challenge). As part of this initiative we join several other environmental advocacy organizations from all over the country to advocate for community driven environmental policy change over the next year+</p> <p>Some of the challenges we have encountered include a need for more community education and awareness on the importance of native plants and the benefits of forests. Also, a cultural shift is needed on appreciation of the aesthetics of native plantings. For example, we did come across some challenges in our</p>

	<p>communities around them not finding native plantings as visually appealing as more traditional landscaping. We also continue to have the longstanding challenges of needing more funding and administrative support. We recently applied for inflation reduction act funding through the USDA and were denied this funding. This is partly because we plant entire forests (shrubs, plants etc) and only trees are covered by this funding.</p>
<p>One Acre Fund</p>	<p>For over a decade, One Acre Fund, the world’s leading organization serving African farm families, has pioneered a uniquely scalable approach to smallholder agroforestry, generating tangible results for farmers and their lands. Between 2020-2022, we have supported the planting of nearly 150 million cumulative trees, helping to restore an estimated 16,350 hectares of land with new tree cover. In 2022 alone, we supported the planted of an estimated 62.4 million trees across 8 diverse country contexts. We steadily deepen the impact and cost-efficiency of this work as we scale: every \$1 in donor investment in this work now unlocks at least \$10 in new farmer asset value, an unparalleled “social return on investment” (SROI) for our target population.</p> <p>We now proudly represent Africa’s largest and most efficient farmer-led tree-planting initiative. We are working to develop the programmatic capacity and infrastructure to achieve a bold agroforestry vision: successfully planting 1 billion trees over the coming decade, deepening the resilience of entire communities and helping to restore wide swaths of Africa’s degraded lands. The first phase of this effort, which runs through 2024, is focused on planting a cumulative 250 million trees and building lasting infrastructure to permanently transform rural tree markets. The second phase will leverage this strong foundation to support the planting of 750 million trees in roughly the same duration as our first 250 million trees.</p>
<p>One Tree Planted</p>	<p>One Tree Planted is proud of its commitment to the 1t.org pledge has continued to grow and increase our impact globally through impactful reforestation projects.</p> <p>We have identified and earmarked 25 specific US projects which will contribute towards our pledge of planting 50 Million trees by 2030. From 2020 to 2022 these projects planted 8,769,157 trees. This was done in collaboration with a range of local planting partners. Large organisations such as the USFS, Nature Conservancy and also more local groups such as the Chesapeake Bay foundation.</p> <p>One of our organisational values is continuous improvement. We strive to embody this in our work and this has included developing better processes for monitoring and reporting on the work we do on the ground. As our work continues we hope to increase our impact not just in scale but also in depth, working closely with local partners and looking beyond the act of planting trees but taking in the whole ecosystem as system to be restored.</p> <p>It is with a sense of profound responsibility and motivation that we look forward to continuing our work towards this pledge and for a planet with more healthy forests and thriving ecosystems.</p>
<p>Para la Naturaleza</p>	<p>Between January 2018 and July 2023 Para la Naturaleza (PLN) produced 550,724 trees. During this time, they also planted 362,395 native and endemic trees within their natural protected areas, in communities, and schools. Of those, 150,140 were distributed to individuals who made a commitment to the organization of planting and maintaining the trees and of keeping PLN informed of their progress via their reforestation app Habitat.</p> <p>Since March 2020, the organization has strategically planned each planting activity to ensure the current survival rate of over 80% by limiting the number of trees planted and planning a five- year maintenance schedule .</p> <p>Through PLN’s volunteer opportunities, over 14,000 individuals have participated in planting and tree maintenance activities from 2018 until August 2023, for a total of 98,347 volunteer hours.</p> <p>PLN also created a program called Citizen Botanist aimed at involving volunteer leaders to help reach PLN’s goal of producing, planting, and maintaining 1,000,000 native and endemic trees in a period of 10 years. Since 2018, 130 individuals were certified as Citizen Botanists after receiving training in tree identification and seed collection, tree nursery and tree planting support, education, recruitment and data</p>

	<p>entry.</p> <p>While PLN is on target to meet its 1,000,000 tree production goal in 10 years, its tree planting goal has been delayed due to recent events like the global pandemic, extended drought and flooding seasons, and last year's Hurricane Fiona.</p>
<p>Plant With Purpose</p>	<p>Between July 1, 2020 and June 30, 2023, Plant With Purpose partnering farmers planted over 23.6 million trees across eight countries (Burundi, the Democratic Republic of the Congo, the Dominican Republic, Ethiopia, Haiti, Mexico, Tanzania, and Thailand). An especially significant moment for our organization came in 2022, when we reached the 50 millionth tree planted milestone. We've been scaling our programs rapidly since 2020 as a part of our THRIVE 25 initiative to double our impact, and as of June 30, 2023, our total number of trees planted stood at 61,024,908 and the hectares under restoration at 1,088,400 ha. Excitingly, we more than doubled our number of directly partnering farmers, from 221,937 to 478,302, within three years!</p> <p>The launch of our ninth program county, Malawi, is scheduled for January 2024. In terms of new partnerships, we were honored as the only organization to have two projects selected for funding through the Terrafund for AFR100 initiative. We have also been exploring verified carbon sequestration partnerships and are several years into a collaboration with Taking Root to this end. One Tree Planted and Arbor Day Foundation remain strong partners, with five and 13 new planting projects funded, respectively, in the last three years. We're increasingly exploring collaborative partnerships with like-minded organizations following our successful 2020-2022 pilot partnership with HOPE International in Burundi, where we brought our restoration training to their existing savings groups with excellent results.</p> <p>Such rapid growth has challenged us to build capacity quickly and we have hired several new key staff to strengthen our governance and financial management across all nine country programs. We are grateful to be positioned as a leading organization in the restoration space, using our voice to work towards holistic and sustainable restoration that centers smallholding farmers.</p>
<p>Society of American Foresters</p>	<p>Since joining the 1t.org community, SAF has made great strides to educate and empower more forestry and natural resource professionals as well as public audiences to advance science-based, professional management of forests and trees across the United States. SAF welcomed new partnerships, expanded educational opportunities, and challenged more people to embrace healthy forests as a natural climate solution.</p> <p>Reaching New Audiences To reach beyond the sector, recruit for our cause, and make the case for forests as a climate solution, SAF welcomed #forestproud as a new program. With #forestproud, SAF is better positioned to elevate trusted voices within the sector, promote sustainable forestry practices, and increase opportunities for public engagement with the sector at scale.</p> <p>Doubling down on our commitment to expand forest stakeholder knowledge and perspectives on forest carbon science, management, and strategy, SAF is now cohosting the Forests + Climate Learning Exchange Series with the Michigan State University Forest Carbon and Climate Program. This monthly, nine-part webinar series invites academics, practitioners, policymakers, and other experts to present innovative and important research, projects, and strategies relating to forest carbon.</p> <p>Raising the Bar for Professionals The SAF certification program continues to grow and evolve. Designed to promote excellence in the stewardship of our nation's forests, certified professionals commit to the highest standards of practice, professionalism, and ethics.</p> <p>SAF is excited to expand its certification program with two specialized credentials for urban and community foresters and forest technicians - elevating forestry professionals working across diverse landscapes.</p> <p>Recruiting (and Retaining) New Stewards of our Forests As a bridge connecting students, young professionals, and employers, SAF is stepping up to not only</p>

	<p>attract individuals with diverse skills and backgrounds but also cultivate a fresh, more inclusive culture across the profession to make sure that we retain and empower these new voices.</p>
<p>Sustainable Forestry and African American Land Retention (SFLR) Network</p>	<p>The Sustainable Forestry and African American Land Retention (SFLR) Network is the only African American-led and managed conservation and environmental organization in the US. Through its eight-member organizations, SFLR has worked vigorously to fulfill its 1t.org Climate Solutions Partnership pledge, and in advancing our mission to create a sustainable system of support for African American forest owners and the next generation of landowners in the Southern US.</p> <p>Working with our primary pledge partners, including the United States Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) and Forest Service (USFS), and the US Endowment for Forestry and Communities, SFLR has made significant progress in its pledge.</p> <p>Allied to our pledge to 1t.org, our accomplishments include:</p> <p>Increasing landowner implementation of sustainable forest management and conservation practices through forest management plans and forest certification programs.</p> <p>Connecting forest landowners with needed financial and technical assistance, through federal and state agencies, non-profits and foundations, universities, and forest industry and corporate partners.</p> <p>Securing resources for addressing succession planning, estate planning, and heirs property resolutions for African American landowners toward creating family legacies through sustainable forestry and conservation.</p> <p>Engaging with local businesses and other community partners in workshops, webinars, educational seminars, and other events highlighting sustainable forestry and advocacy for African American landowners.</p> <p>Enriching workforce development through environmental education and youth engagement. These programs explore natural resources career pathways and include hosting youth summits and conferences, and, through partnerships with local universities, providing internships for college students.</p> <p>Through our pledge to 1t.org and our sustained support of African American landowners, SFLR is making great strides in enhancing forest productivity and resiliency, improving water quality, and enriching soil health across forest landscapes—all part of the collective of nature-based solutions toward mitigating climate change.</p>
<p>Sustainable Forestry Initiative</p>	<p>SFI pledged to leverage our forest certification standards, which provide on-the-ground assurances of critical environmental services including carbon sequestration, biodiversity enhancements, and water quality protection, and our "conservation impact" research, which measures the conservation outcomes across the SFI footprint of 350 million acres/140 million hectares certified to the SFI Forest Management Standard with millions more positively influenced by the SFI Fiber Sourcing Standard across the U.S. and Canada and with the participation of over 200 organizations certified to the SFI standards. The SFI 2022 Standards introduced progressive new requirements related to climate smart forestry, recognition and respect for Indigenous Peoples' Rights, and biodiversity in fiber sourcing. Half of SFI-certified organizations needed to change management practices to meet these new requirements, building on the other half of SFI-certified organizations who were already doing this. By leveraging SFI-certified forests, we can protect, sustainably manage, and restore ecosystems in ways that effectively address societal challenges, like climate change, to benefit both people and the planet. Finally, we have surpassed \$2 billion invested by SFI-certified organizations since 1995 to support research, including for conservation-related objectives.</p>
<p>Sustainable Harvest International</p>	<p>From July 2020 – June 2022, SHI partnered with approximately 750 smallholder farmers in approximately 40 communities in Belize, Honduras and Panama to restore 370 hectares of degraded land through agroforestry and other agroecology practices, including the planting of 221,623 trees. We believe this results in avoided deforestation as farmers can produce more in one area without having to clear new land</p>

	<p>each year as had been happening, but we don't have data for this avoided deforestation. During this three year period, we also supported those farmers in the conservation of 270 hectares of forest. Since we initiated our technical assistance program in 1997, we've helped nearly 4,000 farmers restore 7,719 hectares including the planting of 4,418,118 trees. Since we began tracking the natural forest conserved by those farmers in July 2013, they've conserved 714 hectares.</p> <p>A major achievement in 2023 was creating a proposal for a new program in partnership with the Honduran government's Institute for Professional Development. The Honduras TREE (Training to Expand Ecoagriculture), which was accepted as part of the Clinton Global Initiative, plans to help 1,600 smallholders restore 5,180 hectares, including the planting of 1.5 million trees. While 40% of the resources for the project have been secured, additional funding is required for implementation.</p> <p>Our 26 years of experience have ensured ease of community approval, as well as planting the right species at the right time in the right places. Our primary challenge remains funding to begin several projects that are ready to begin as soon as adequate funding is in place. We are also still working to identify and establish the large-scale partnerships with governments, businesses or NGOs that will be necessary to scale our methodology and achieve our goal of a billion trees on a million farms by 2030.</p>
<p>The Longleaf Alliance</p>	<p>The Longleaf Alliance (TLA) is focused on education & outreach, restoration, land management, and long-term conservation of healthy working longleaf pine forests. Working collaboratively with numerous partners, TLA has made progress on the pledge made in 2020 to conserve a total of 2500 acres of forestland and facilitate the planting of 5,055,000 trees (4,560,000 from reforestation, 440,000 from afforestation, and 55,000 from management that encourages natural regeneration.) From 2020 to 2022, TLA has contributed to the long-term conservation of 1,043 acres of forestland in South Carolina, supported the planting of 19,014,518 longleaf pine seedlings on 29,996 acres across 8 states of the Southeastern US, and provided 1,184 longleaf-related technical assists to landowners, managers, or other partners. In addition to these metrics, other pledged supporting actions have also been accomplished through our priority mapping projects, science-based technical assistance, land management work, training programs, and outreach programs, we are advancing our mission to ensure a sustainable future for the longleaf pine ecosystem and build resilient forest systems in the southeastern US.</p> <p>To fully support the future restoration of longleaf pine forests, the restoration community must address key bottlenecks in the reforestation pipeline that will challenge our ability to reach key restoration goals. TLA, along with NC State Tree Cooperative, private nurseries, and federal and state agencies, are collaborating on a project to improve tree quality and quantity for longleaf pine by developing improved genetic selections, expanding nursery capacity, and enhancing longleaf seed orchards.</p>
<p>Tree-Plenish</p>	<p>Tree-Plenish was started in 2019 by two high school students in Massachusetts after they noticed how much paper their school was using each year. They hosted the inaugural Tree-Plenish event with the goal of offsetting their school's paper use, and planted 300 saplings in their community. They worked to recruit high schoolers across the United States to join in on spreading this mission to other students around the country. During the 2020-2021 school year, Tree-Plenish partnered with 85 schools to plant 20,000 saplings. The 2021-2022 school year brought immense growth with 300 schools hosting a Tree-Plenish event and planting 50,000 saplings. We've just wrapped up another event-hosting season by partnering with about 150 schools and planting 23,000 saplings. In total, students across the country have planted 93,300 saplings across 45 states within the United States.</p> <p>The Tree-Plenish team is now comprised of 30 dedicated high school and college students from across the United States. We have students representing Columbia University, Georgia Institute of Technology, Northeastern University, Tufts University, and the University of Virginia, alongside many other institutions. Each quarter, we also host internships open to students around the world to enable them to realize the impact they can make on communities around the United States. These interns engage in efforts ranging from outreach to congressional offices, planning large-scale tree planting efforts, and making promotional content to help spread Tree-Plenish's mission. We are excited to continue engaging more students, schools, and their communities in environmental efforts for years to come!</p>
<p>World Resources Institute</p>	<p>WRI has pledged to contribute to the trillion-tree goal via advancement of forest and tree monitoring tools and technical assistance to communities in the United States. The Land Emissions and Removals Navigator (LEARN) Tool is an open-source web platform designed to streamline monitoring of GHG impacts of land</p>

use change at the community scale. Since committing to the trillion trees pledge in June 2023, WRI and partners have worked across three main objectives: expanding stakeholder engagement, growing partner relationships, and improving data and functionalities. To date, our project team has worked directly with over 70 communities in the U.S. to deliver state-of-the-art insights on the GHG impacts of forests and trees and incorporate this data into inventories and climate action plans. In 2023, we conducted a third, hands-on training cohort with communities and consultants to facilitate transfer of technical capacity and gather user feedback. We expanded partnerships with organizations including the U.S. Forest Service and Regrow Ag and are developing plans for future collaboration. We have also conducted extensive research and development to identify priorities for data updates and tool innovations. Additionally, we are on track to publish documentation outlining the logic, data sources and methods for the LEARN Tool in early 2024. Next steps for the LEARN Tool will be dependent on securing funding to scale tool functionality and user engagement. We are actively pursuing new funding opportunities to continue this work.

Private Sector

aka Associates

Since January 2020, we have worked with organizations including the National Forest Foundation, American Forests, Arbor Day, etc. to help plant more than 7,000 trees in U.S. forests. We continue to be a small business partner with the National Forest Foundation.

For January 2020–December 2023, we planted 4,881 trees with organizations.

In 2023 (January 21) and (April 11) we planted 500 trees each with the National Forest Foundation for a total of 1,000 trees in 2023.

Our goal is to help plant 10,000 trees by 2030.

Part of the mission of aka Associates is believing in the importance of giving back. We advocate and support beaches, birds, and wildlife and we are grateful to be a part of 1t.org and support this amazing initiative.

Cambium Carbon

2020 to 2022 we planted 2,202 high impact trees across the US.

Cambium Carbon commits a minimum 15% of profits from our Carbon Smart Wood™ sales to support tree planting and maintenance, with a focus on under-canopied urban areas. We work with community partners to advance equitable shading, cooling, and economic benefits for all residents.

New plantings in:

- Baltimore, Maryland's Pigtown community
- New Haven, CT's Twin Brook community
- Baltimore, MD's Violetville
- Sacramento, CA's Elk Grove community

In addition to the 2,202 trees planted between 2020 and 2022, we have already planted over 3,000 trees in 2023 alone with plans to scale up from here.

Land Life

In 2022 Land Life's North American branch, in partnership with Ecoculture, planted 463,762 native trees in southern Colorado on 1,858 acres of post-wildfire, private lands. These projects were designed to help bring back the forest ecosystem and habitat to support wildlife including the Rocky Mountain Elk, the Canadian Lynx and the Mexican Spotted Owl. In addition to restoring habitat and promoting biodiversity, our reforestation projects sequester carbon, improve watershed health by stabilizing soils, and are fire and climate resilient. This was our largest planting year in the US since starting our work here four years ago. We plan to double our efforts in this region next year.

In addition to working with Ecoculture on the design and implementation, Land Life partnered with Adams State University to offer seven STEM internships to local students who supported monitoring and field work. This is consistent with our goal of supporting the community and helping train the next generation of restoration and forestry professionals.

	<p>Challenges faced included 1) logistics - ensuring seedling delivery from multiple nurseries to projects sites at the right time and in the right planting designs and 2) completion of post-planting monitoring of growing acreage prior to winter weather.</p> <p>For more information on our projects in Colorado watch this video: https://www.youtube.com/watch?v=Xc7yFvdcAFc</p>
PrintReleaf	<p>Over the past three years, from 2020 through 2022, PrintReleaf has been fortunate to experience significant growth due to the rise in demand for our service - delivering certified reforestation to the print and packaging industries. Through key partnerships, we've planted trees across multiple global projects in France, Mexico, Dominican Republic, Ireland, Canada, and the United States.</p>
Terraformation	<p>By the end of 2022, Terraformation had enabled the planting of 585,472 native trees and plants across 12 countries. Our projects propagated over 560,000 plants in their nurseries and stored over 25M seeds across 12 Terraformation-built or supported seed banks located in countries around the world, with an average of 22 species in each seed bank. We created employment (full-time, part-time, or seasonal) opportunities for 716 people, 53% of whom were women. We've designed a Seed to Carbon Forest accelerator focused on native biodiverse trees and funded by carbon financing, which supports teams with capacity-building training, tracking software, funding, and any needed infrastructure.</p>
Verizon	<p>Since 2009, Verizon has planted a total of 13.9 million trees in 36 states and 23 countries including the US. This includes hurricane, tornado and wildfire relief efforts. We publish audited results of our tree planting efforts in our annual Environmental, Social and Governance (ESG) reports.</p>
Viridis Terra	<p>3 regions in the Peruvian Amazon (Yurimaguas, Campo Verde, Requena in Ucayali and Loreto departments. 8 others under development with over 350k ha of degraded land pre-qualified for restoration. 1440 hectares of degraded land under restoration with over 1.5 M trees established. 167 jobs created.</p> <p>New partnership with Amazon.com and Ocho Sur corporation and Conservation International. In process of signing a new Fortune 100.</p> <p>Biggest challenge: increasing landholder adoption percentage for the business opportunity, we are changing their way of life for the better, but change can be scary for many. The adoption is accelerating right now which is good news.</p>

Public Sector

City of Ann Arbor	<p>The City of Ann Arbor pledged to plant 20,000 new trees by 2030 - 10,000 to be planted on public property and 10,000 to be planted on private property. This pledge was submitted in December 2021. Between then and the end of the reporting period (December 2022), the City distributed 1,817 trees to 602 private property landowners through the Office of Sustainability and Innovations' 10,000 Trees Initiative. During the same period, 1,209 trees were planted on public property by the City's Forestry department. In addition to tree planting, the City also focused on tree maintenance. During the reporting period, the Forestry department trimmed 4,593 trees and removed 635 dead trees and 661 stumps.</p>
City of Boise - City of Trees Challenge	<p>Launched on Arbor Day in 2020, the City of Trees Challenge is an ongoing story of community and collaboration to address climate change. The Challenge aims to plant an urban tree for every household in Boise, Idaho and a forest seedling for every resident by 2030— approximately 100,000 trees in the city and 235,000 seedlings in nearby forests. The City of Trees Challenge is a critical component of Boise's Climate Action Roadmap. By providing communities with the opportunity to plant and grow trees, the Challenge will improve the quality of life for residents by improving air and water quality, mitigating urban heat and making Boise more resilient in the face of a changing climate.</p> <p>In its third year, through the launch of the Boise Tree Captains Program, the City and the Treasure Valley Canopy Network successfully established a pathway for grassroots citizen climate action and a focus on improving tree canopy in neighborhoods of greatest need for trees to reduce urban heat, clean the air and improve health and resilience.</p> <p>The City of Trees Challenge underwent a big transition in 2022. To better support Boise's communities the large tree giveaways that the Challenge held in the past have been abandoned in favor of more directed giveaways and plantings to areas that need trees the most. As part of this effort the Challenge also greatly increased the amount of planting assistance offered in 2022 with over 60 trees being planted by volunteers for tree recipients.</p> <p>The City of Trees Challenge is advancing on commitments to the 1t.org Trillion Trees pledge to plant, grow</p>

	<p>and maintain 335,000 trees by 2030. To date the Challenge has recorded over 14,000 urban tree planting in Boise and 149,000 seedling plantings in Idaho forests.</p>
<p>City of Houston</p>	<p>From late fall through early spring of each year, the City of Houston undertakes several tree planting projects at city parks and along city esplanades and also supports tree planting initiatives with external partners. In 2020, Resilient Houston and the Climate Action Plan established a target of planting 4.6 million new native trees by 2030.</p> <p>The City estimates that 1,142,195 trees were planted 2020-2022, according tree planting partners participating in the Houston Tree Strategy Implementation Group (TSIG). The Houston Parks and Recreation Department (HPARD) has installed over 32,000 trees (out of 200,000 trees planned) as part of the Riparian Restoration Initiative that will create forested riparian buffers in all parks adjacent to a bayou, which are found many disadvantaged communities. To help track progress towards these goals, HPARD launched Houston's Tree Tracking Portal (https://pg-cloud.com/HoustonTX/), an online tool that will help the city manage tree planting activities while educating on tree planting and heat islands within the city. The City also annually reports on the tree planting goals as one of the Key Resilience and Climate Action Targets (see https://resilience.rice.edu/climate-resilience-metrics/resilience-target-6).</p> <p>In addition, a number of initiatives are accelerating tree planting, while promoting and preserving green space in the City.</p> <p>In 2022, Houston City Council passed the Nature Preserve Ordinance, which conserves over 7,000 acres of natural area throughout the City of Houston Park system.</p> <p>Since 2021, Houston Parks and Recreation Department (HPARD) has converted street medians void of trees or shade along W Orem, Monroe Blvd, Homestead Rd, and Cavalcade into small forests through the Linear Forest Initiative.</p> <p>In 2020, the City of Houston executed an electricity supply agreement with Reliant Energy Retail Services with value-added programs provided to the city, including a tree planting initiative to plant 100,000 trees by 2024 throughout the City of Houston.</p>
<p>City of Tucson</p>	<p>The City of Tucson, led and guided by Mayor Regina Romero, has pledged to plant and grow 1 million trees in our highest need communities in order to fight the impacts of heat and climate change. Since the initiation of this ambitious program, the City and partner have planted over 100,000 trees, engaged over 7,400 volunteers, planted at over 2,000 heat vulnerable homes, raised over \$880,000, held over 165 planting events, and generated over 620 paid youth stipends as part of the Youth Tree Leader program. This success has been despite the global COVID-19 pandemic severely impacting initial and ongoing community events, the increasing climate pressures facing the Southwest including water, drought, and extreme heat, and working to build a truly sustainable, climate ready urban forestry program that will function well beyond the initial million tree planting goal.</p>
<p>King County</p>	<p>Through the first two years of our 3 Million Trees initiative, King County has made solid progress and continues to build capacity. By 2025, our aim is to plant, protect, and prepare / restore the equivalent of 3 million trees (every acre protected / restored = 300 trees). As of Dec. 31, 2022, we have surpassed the equivalent of 1 million trees. We have planted more than 200,000 trees, protected more than 2,000 acres of forested and natural land (equivalent to 600,000 trees), and prepared/restored the equivalent of 200,000 trees. Two important achievements in 2022 will help further accelerate our progress. First, King County Parks committed to growing the agency's internal forestry team capacity, from 1 staff person to 8 (hiring continues). In addition, a successful ballot measure in Nov. 2022 reset King County's collection rate for our Conservation Futures tax, a primary source of funding – along with the King County Parks Levy – for open space acquisitions. This increased funding capacity should increase the number of forested acres King County can protect and conserve in the future.</p>
<p>Maryland Department of the Environment</p>	<p>To date, 470, 426 native trees have been planted towards our 5,00,000 afforestation goal across all counties in Maryland. 35, 403 of these were planted in urban underserved areas statewide, as defined in the Tree Solutions Now Act of 2021. Trees were planted by our partner organizations (Department of Natural Resources, Maryland Department of Agriculture, Maryland Department of Transportation, and Chesapeake Bay Trust) and 40 unique, independent planting groups. A total of 101, 113 acres were planted</p>

	<p>towards the 5 Million tree pledge. This is 9% of our total goal, emphasizing the need for ongoing conservation, maintenance, and management of afforestation projects.</p>
<p>Michigan Department of Natural Resources</p>	<p>The Michigan Department of Natural Resources made a pledge in 2021 to plant 50,050,000 trees by 2030. Fifty million trees will be planted on four million acres of state forest land and the DNR will encourage people to plant 50,000 trees at their homes and communities.</p> <p>The DNR created an online mapping tool so people can report the trees they plant on private or municipal land. The DNR promoted this tool with multiple statewide press releases in 2022. So far 1,228 people have reported 111,754 trees planted in Michigan between 2002 and 2024.</p> <p>Michigan DNR planted 4,270,200 trees in 2021 and 6,054,845 trees in 2022 on state forest land. Urban and rural landowners in Michigan planted 16,994 trees in 2021 (150 landowners reported) and 56,098 trees in 2022 (621 landowners reported) on private and municipal forest land.</p> <p>This is a two-year total of 10,398,137 trees planted on state and private land. We are on track with the 50 million tree goal for state land and have already exceeded our 10-year goal to support 50,000 trees planted in private and community land in the first two years.</p>
<p>State of Hawai‘i</p>	<p>In 2020, the State of Hawaii pledged to “plant, conserve, or protect” 100 million trees by 2030. The Department of Land and Natural Resources is leading this charge through the Native Ecosystem Protection & Management Program, Forestry Reserve System, Kaulunani Urban and Community Forestry, Forest Stewardship Program (FSP), Legacy Land Conservation Program (LLCP) and is working in collaboration with the Hawaii Department of Transportation (DOT); and Hawaii Army National Guard (HIARNG). Below are some of the most notable accomplishments:</p> <p>Legacy Land Program – Completed 12 land acquisitions putting over 9,000 acres into permanent conservation.</p> <p>NEPM, Forest Reserve, Hawaii Army National Guard – Planted 61,754 trees during the pledge period. NEPM and the Forest Reserve System have also completed numerous miles of conservation fencing to protect</p> <p>Kaulunani Urban and Community Forestry – During the reporting period Kaulunani planted 21,349 trees through its’ network of grant partnerships and plant give-away events.</p> <p>Forest Stewardship Program – The FSP has funded planting efforts resulting in 206,783 total trees being out planted.</p> <p>Hawai‘i State agencies have protected 9,223 acres of forested lands from the impacts of non-native ungulates. Projects to fence off more important forest lands are ongoing and span the entire state.</p> <p>In total, the State has either planted, conserved or protected an estimated 20,533,017 trees across the state. All of the programs above have worked incredibly hard to keep the State on track and will continue to do so into the future.</p> <p>The devastating wildfires of August this year highlight the importance of restoring invaded forests and eradicating invasive species to restore natural systems to ensure ecosystem function and reduce the threats of drought and fire.</p> <p>We will continue to strive to reach our goal of 100,000,000 trees by 2030 to continue building resilience and do our part to address climate change.</p>
<p>State of Wisconsin</p>	<p>On Earth Day 2021, the State of Wisconsin announced its Trillion Trees Pledge to conserve 125,000 acres of forestland and plant 75 million trees by the end of 2030 in collaboration with public, private, and non-governmental partners.</p> <p>Wisconsin’s pledge encompasses the stewardship of forests and trees in both rural and urban areas. Wisconsin’s Trillion Trees Pledge focuses on ensuring that all of Wisconsin’s forests continue to sustain environmental, social, and economic benefits for all residents. Recognizing that urban forests are vital for the health of residents as well as the ecological and economic well-being of our communities, the Trillion Trees Pledge includes a goal of planting a million trees in Wisconsin cities, villages, and suburbs.</p>

	<p>To date, more than 22 million trees were planted, including 88,000 trees in urban areas, in Wisconsin. In addition, Wisconsin conserved more than 16,000 acres of forestland. These and numerous other supporting actions were taken by the DNR and our many partners to plant trees and maintain Wisconsin's forests.</p>
<p>WA State Department of Natural Resources</p>	<p>WA DNR's has made progress in securing funding for important conservation and planting work, as well as some land acquisitions.</p> <p>In 2022, we secured \$2.6M for urban forestry investments, much of which was granted out to partners (see partner list), \$3M for riparian restoration, including planting, and \$5M for the purchase of riparian easements.</p> <p>DNR awarded \$550,000 in grant funding for urban forestry projects in 2022, and \$82,326 in 2021.</p> <p>Since 2020, DNR has also acquired 1,500 acres of forest land, preventing it from conversion. Additionally, through the Forest Legacy Program, since 2020 DNR has acquired nearly 6,000 acres for DNR Natural Areas and 8,275 acres of conservation easements, ensuring conservation in perpetuity.</p>

Endnotes

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