

# Landowner Carbon Programs

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Sustainable & Comprehensive Forest Management

	<b>CoreCarbon</b> <i>Corecarbon.com</i>	<b>Forest Carbon Works (FCW)</b> <i>Forestcarbonworks.org</i>	<b>Family Forest Carbon Program (FFCP)</b> <i>Familyforestcarbon.org</i>	<b>Natural Capital Exchange (NCX)</b> <i>NCX.com</i>
<b>Parent Organization</b>	FiniteCarbon	Forest Carbon Works	The Nature Conservancy & American Forest Foundation	Natural Capital Exchange
<b>How are credits assessed?</b>	Remotely, with occasional in-person verification field visits for selected landowners, not all	Forest carbon inventory conducted in-person on site	On-site monitoring for randomly selected subsample of properties. Confirmation of project implementation for all landowners	Remotely using AI and satellite imagery. Associated credits are Harvest Deferral Credits and are based upon NCX's business-as-usual assessment of both standing inventory and harvest risk
<b>Who is crediting body?</b>	<b>American Carbon Registry</b> (americancarbonregistry.org)	<b>California Air Resources Board</b> (arb.ca.gov/our-work/programs/compliance-offset-program)	Verra (verra.org), nearing verification	<b>Verra</b> (verra.org), certification currently on-going
<b>Standard length of contract</b>	<b>40 years total</b> , with 2 20-year crediting periods	<b>25 year crediting period &amp; 100 year monitoring period.</b> 25 year crediting periods are renewable up to 3 times (75 years total)	<b>10 or 20 year contract</b> depending upon enrolled practice	<b>1 year harvest deferral commitment</b> , opportunity to re-enroll following year
<b>Key contractual requirements</b>	<p><b>1<sup>st</sup> crediting period</b> requires landowners to defer from timber harvests in exchange for payments.</p> <p><b>2<sup>nd</sup> period</b> landowners can choose to either continue their crediting status or elect to move into non-crediting status. If they choose the latter option, they forfeit payments for the remainder of the contract, but they are free to harvest annual growth from this period.</p> <p>Regardless of status, landowners also have the freedom to harvest a limited amount firewood and timber, clear small amounts of their forests for structures, agriculture, or roads, &amp;/or conduct salvage harvests and limited preventative silvicultural activities to manage pest &amp; disease outbreaks. However, landowners will see a reduction in their annual revenue if they elect to pursue any of these activities. Additionally, again regardless of status, landowners will be required to fill out periodic reports about any changes/activity (or lack thereof) on their property.</p>	<p><b>125-year contract with the CA Air Resources Board and 6-year renewable contracts with Forest Carbon Works.</b></p> <p>This includes a 25-year crediting period of receiving annual payments for forest growth followed by a monitoring period of 100 years. If a landowner wants to continue to receive payments after the initial 25-year crediting period, they can choose to renew for up to two additional 25-year crediting periods.</p> <p>The 100-year monitoring period starts at the end of the most recent crediting period. Landowners must comply with laws and pay taxes, provide property access to Forest Carbon Works for purposes of the project, and maintain timber rights during the contract period.</p>	<p><b>Dependent upon chosen practice:</b></p> <p><i>Growing Mature Forests: 20 year contract.</i> Develop &amp; follow two property-wide, 10 year forest management plans. Restrict timber harvests (some sustainable harvesting is allowed). Submit a form every 5 years confirming that you are sticking to the practice requirements.</p> <p><i>Enhancing Future Forests: 10 year contract.</i> Treat enrolled stands to reduce competing vegetation by at least 85% of pre-treatment value &amp; maintain this level throughout the contract period. Complete the regeneration harvest as planned, if needed. Submit a form every 5 years confirming that you are sticking to the practice requirements.</p>	<p>NCX pays forest landowners to retain forest carbon on their properties by <b>deferring timber harvest below a "business-as-usual" level.</b> Many factors influence the "business-as-usual" harvest level on a property, such as the property's age class distribution, past harvest activity, and regional timber market conditions.</p> <p>NCX conducts assessments entirely remotely using satellite imagery and other remote-sensing technologies to determine harvest likelihood and estimated volume across your property and then assigns you Harvest Deferral Credits to sell on the exchange. Assessment is free.</p> <p>A subset of participants will be selected for cruising operations. NCX covers the cost of conducting these ground truthing measurements and results are used to further improve <i>Basemap</i>.</p>
<b>States &amp; regions available</b>	By 2024, entire contiguous US	Entire contiguous US	PA, WV, & western MD counties, with plans to expand	Entire contiguous US with plans to expand into Canada & Mexico
<b>Landowner support</b>	Participation & enrollment free for landowners	\$75 membership application fee; includes free carbon inventory, verification, marketing, monitoring, & reporting	Participation & enrollment free for landowners, free expert consultation with forest professionals, free management plans that are customized for your unique goals for your land, & payments to help reach your goals	Participation & enrollment free for landowners
<b>Eligibility</b>	Must own <b>at least 40 forested acres</b> , no more than 5,000 forested acres. All or part of your property can be enrolled.	Must own <b>at least 40 forested acres.</b> Larger acreages may be permitted to enroll portions, not all, of their property if they wish.	Must own <b>at least 30 forested acres</b> , no more than 2,400 acres.	<b>No acreage minimum.</b> All your property must be enrolled.
<b>Allow landowners to remove invasive species &amp;/or firewood?</b>	TBD	Invasive species removal permitted. Limited firewood removals permitted.	Invasive species removal permitted. Limited firewood removals permitted up to 5 cords per year.	Invasive species removal permitted as long as no merchantable timber volume is removed. Firewood removals will need to be accounted for in bid.
<b>How often are landowner payments updated to reflect market conditions &amp; forest growth?</b>	TBD	Every 6 years.	The assumption that the demand for carbon credits will increase is factored in to payments, and those payments will not change once agreement is signed.	Yearly contracts allow for annual adjustments. Prices paid to landowners will reflect market conditions at the time the auction is held.
<b>What is unique about program?</b>	1 <sup>st</sup> & only program available to US residents that is a verified methodology for small landowners, that is free to participate in, & has a contract length of only 40 years	Developed the smallest verified carbon projects in the country. Only company using a fully verified methodology for our projects. Credits issued from FCW projects are worth 3 to 5 times more than those of voluntary projects. FCW provides a personal approach and level of support throughout the entire project that sets FCW apart from others.	Pays landowners to implement practices on their land that promote carbon sequestration. Low minimum acreage requirement (30 forested acres). Technical assistance, forest management education, and more provided to landowners	Program highlights include: no cost to participate, no minimum acreage requirement, & only an annual commitment. There are many management practices, to include invasive species removal, prescribed burns (assuming no merchantable volume is removed), pine straw collecting, & others that are permitted
<b>Credit</b>	Ariel Weisgrau, CORE Operations Analyst at Finite Carbon	Sarah Ford, Regional Forester	Sarah Hall-Bagdonas, Manager, Landowner Assistance (shallbagdonas@forestfoundation.org)	Lillian Hogan, NCX Landowner Success Manager



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