



## Carbonfuture's high-quality carbon removal credits selected as part of Microsoft's carbon removal program

*Transparency, traceability and scientific defensibility of its carbon removal credits, as well as innovative triple-bottom-line project behind the certificates, lead Climatetech start-up [Carbonfuture](#) to be selected as part of Microsoft's carbon removal portfolio*

**Freiburg, 11.03.2022** - The marketplace and fully digital platform specializes in carbon removal credits, acting not only as an intermediary between sellers and buyers, but as a provider of comprehensive removal services for companies such as Microsoft. Carbonfuture's certificates are based on a Negative Emission technology of capturing carbon from the atmosphere and storing it safely for hundreds of years. For the climate action behind the credits purchased by Microsoft, Carbonfuture is working with long-term partner [Pacific Biochar](#), and their innovative triple-bottom-line approach to carbon removal in Sonoma County, CA.

*"We are proud to assist Microsoft in fulfilling their climate pledge. Ambition is essential in having a real effect on climate change. Our role at Carbonfuture is providing the scientifically verified and transparent carbon removal solutions needed to translate these ambitions into impactful climate action. We see today's announcement as highlighting the lead role Microsoft is taking in scaling permanent carbon removals and hope other businesses will follow suit."* **Hannes Junginger-Gestrich**, CEO at **Carbonfuture**

Created as an answer to the lack of trust on the credit market, Carbonfuture focuses on solid climate performance by placing integrity at the root of its business model. This is made possible in multiple ways: By utilizing a defensively quantified carbon capturing capacity of the climate solutions behind its credits, Carbonfuture guarantees scientifically defensible and long-term removal certificates. Its tamper-proof, digital tracking technology which is based on an innovative and low energy blockchain, further supports the trustworthiness of the certificates. The use of this technology offers a unique "credit-to-cradle look-through" and eliminates the possibility of double-counting. Carbonfuture's fully digital platform is used to guarantee the secure and stringent documentation of all climate-preserving activities generated by the project, enabling the stringent selection criteria of high-profile clients such as Microsoft to be met.

*"Carbonfuture takes a multi-faceted approach to carbon removal by delivering long-term CO<sub>2</sub> sequestration, with fully digitized, end-to-end tracking of the resulting credits. We need this type of innovation to advance the nascent carbon removal market."* **Elizabeth Wilmott**, carbon program director at **Microsoft**, said.

The project by the Climatetech's Californian-based supplier Pacific Biochar, removes carbon from the atmosphere and safely stores it for hundreds of years. This is achieved by using [biochar](#), an [IPCC](#)-recognized climate mitigation approach, often hailed as a "sweet spot" between the nature-based and technological carbon

sequestering solutions. The charcoal-like substance is won by pyrolysis of biomass in the absence of oxygen and is then applied to soils, providing large co-benefits, such as increased water retention capacity, reduction of nutrient leakage and filtering of toxins, which in turn reduces the need for fertilizers.

Additionally, the pioneering tripe-bottom-line approach gives forest biomass a second life, reduces catastrophic wildfire risk, produces renewable energy, as well as helping local farmers by improving soil health and crop yield.

*“These are exciting times. Our knowledge about the multiple benefits that biochar provides is finally aligning with public awareness as well as the inventiveness of financial institutions and large companies to commit significant resources. These help identify, analyze, validate, and ultimately reward principles and practices that deliver durable carbon removal, contributing to the world we all want to see. We’re proud to join Carbonfuture and Microsoft on a journey that will rapidly scale solutions to meet this moment.”* **Josiah Hunt** from **Pacific Biochar Benefit Corporation**

Microsoft’s purchase sends a clear demand signal to the emerging carbon removal sector and makes clear the fact that a “net zero 21<sup>st</sup> century” will only be achieved through significant upscaling of the CDR market. Carbonfuture has engrained these needs into their business case: They do not only act as an intermediary between sellers and buyers, but as a provider of comprehensive removal services for project developers and clients engaged in taking climate responsible action. Through the bootstrapping of essential supply, long-term offtake agreements, and fostering of an extensive network, they are already able to offer removal volumes in the 10.000 – 100.000 tons range for 2022, with upscaling targets of a megatonne by 2025. These ambitions will be met by continued international expansion, significant team growth, and the adoption of further high-quality carbon removal technologies.

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**About Carbonfuture**

Carbonfuture helps companies and organizations worldwide on their path to true net zero. As a marketplace and fully digital platform for high-quality and effective carbon removal credits, the company offers certificates that not only avoid CO2 emissions, but actively remove them out of the atmosphere. With an uncompromisingly scientific approach as well as seamless, tamper-proof supply chain tracking, precise sink modeling, and flexible credit management, Carbonfuture sets the standard for effective and trustworthy climate action. Carbonfuture’s mission is to drive real climate impact by catalyzing an industry of high quality, persistent and trustworthy carbon removal at gigatonnes scale.

For more information visit: <https://www.carbonfuture.earth>

## **About Pacific Biochar**

With the goal of safely sequestering carbon while leaving a legacy of fertile soil, Pacific Biochar Public Benefit Corporation was founded in California in 2016. It offers carbon dioxide removal with the tangible co-benefits of aiding forest management practices that reduce risk and improve forest health. Pacific Biochar's pioneering approach uses the residue forest biomass from these efforts and turns it into a more stable form of carbon: biochar. Applying this valuable product to the abundant Californian farmlands sequesters the carbon while improving soil health - with the benefits being realized for generations to come.

For more information, visit <http://www.pacificbiochar.com>