

Puro.earth Reaches Major Milestone of 1 Million Tonnes of CO₂ Removed

Puro.earth Confirms 1,000,000 Issuances of CO₂ Removal Certificates (CORCs), Representing Equivalent Tonnes of CO₂ Removed From the Atmosphere.

Helsinki, Finland, March 20, 2025 – Puro.earth, the leading carbon-crediting platform for carbon dioxide removal (CDR), today announced the issuance of over ¹1 million CO₂ Removal Certificates (CORCs) since its first issuance in 2019, representing 1 million tonnes of verified carbon removal.

Puro.earth’s issuance of 1 million carbon credits underscores its role in accelerating the carbon removal market and evolving engineered carbon removals as a critical climate solution.² While it took nearly five years to reach 500,000 issued CORCs (Q1 2024), this number doubled one year later, hitting 1 million in Q1 2025. With issuance growing exponentially, Puro.earth is now on track to match this milestone again before the end of H1 2026.

“Reaching one million of CO₂ removals is just the beginning—our goal is to continue to use our expertise and track record to deliver proven, scalable and high-quality carbon removal credits. The next million is already within reach, and we will continue to ensure that businesses worldwide have access to trusted, verifiable carbon removal credits, at scale” said Jan-Willem Bode, President, Puro.earth.

Of the first 1 million issuances, just over half of those (52.13%) have already been retired, meaning 576,561³ metric tonnes of CO₂ have been claimed for.

Puro.earth’s methodologies driving this milestone are Geologically Stored Carbon (GSC) (34.3% of issuances) – such as Direct Air Capture Carbon and Storage (DACCS) and Bio Energy Carbon Capture and Storage (BECCS) – and Biochar (34.1%). Both methodologies have been popular with buyers as they offer scalable, high-impact solutions for carbon removal with well-defined processes and measurable outcomes.

The United States leads issuances by a significant margin, contributing to nearly half (45%) of the total issuances. This is a result of the strong presence of suppliers and carbon removal projects in that market. Following the U.S. are Finland (9.87%), Bolivia

¹ Of the first 1 million+ CORCs issued, 282,564 (25.5%) were generated under discontinued methodologies—Wooden Building Elements and Soil Amendment—which have a durability of less than 100 years. The remaining CORCs come from active methodologies with a durability of 100+ years.

² A CO₂ Removal Certificate (CORC) is one carbon credit, representing one metric ton (1,000 kg) of carbon dioxide (CO₂) or its equivalent (tCO₂e) removed, reduced, or prevented from entering the atmosphere.

³ Data as of March 3, 2025, when Puro.earth reached 1 million issuances. Figures may vary on the Puro Registry due to updates.

(9.64%), and Brazil (9.15%). Other European markets driving issuances include Austria, Norway, and the United Kingdom.

Shifting buyer sentiment has been central to this growth. According to [CDR.fyi leaderboards](#), Microsoft, Google, and Frontier Buyers have led in the development of the early-stage durable CDR market. Their leadership has been essential in de-risking CDR technologies and enabling suppliers to scale their operations. Future expansions of the market will require activating the next generation of buyers, which many expect to come from hard-to-abate sectors, such as aviation, concrete, steel manufacturing, shipping, and chemical production. The market is already seeing increased interest from buyers in these sectors, such as a four-year, [200,000 tonne transaction with SkiesFifty](#) and Gigablue – a Puro.earth supplier.

The achievement of 1 million issuances reflects the growing momentum in engineered carbon removals driven by Puro.earth and its suppliers, buyers, and partners, working together to build the market. "We want to thank the key players that have come together to build the CDR market with us: the courageous investors who ventured into the unknown, the pioneering entrepreneurs who chose innovation over business-as-usual, and the forward-thinking buyers whose commitments make everything move," said Antti Vihavainen, Vice Chairman, Puro.earth.

"Puro.earth has been instrumental in accelerating the carbon removal market by providing a trusted platform for transparent and credible carbon removal credits at scale. Reaching this milestone is a testament to the growing momentum of durable carbon removal, and we look forward to continuing our collaboration with Puro.earth to scale impact even further with Climeworks Solutions—our portfolio of high-quality, permanent carbon removal offerings," said Climeworks Chief Commercial Officer Adrian Siegrist.

About Puro.earth

Puro.earth is the world's leading carbon-crediting platform for durable carbon dioxide removal (CDR). Via the Puro Standard's rigorous carbon credit methodologies, suppliers that remove carbon dioxide from the atmosphere to durable storages for at least 100 years are certified and issued CO2 Removal Certificates (CORCs) into the transparent Puro Registry. CORCs are then purchased by ambitious corporations like Microsoft, Shopify, and Zurich Insurance, to help address climate change and neutralize residual carbon emissions. In 2021, Nasdaq acquired a majority stake in Puro.earth and together are driving forward the carbon removal industry, enabling new revenue streams to accelerate carbon removal. Follow us on LinkedIn and X.

Media inquiries

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Supporting quotes from the CDR ecosystem

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"As a foundational player in the carbon market, South Pole is proud to have facilitated access to the very first CORC auction in 2019, marking the beginning of a new era for engineered carbon removals. Since then, we've witnessed incredible momentum in the market, with demand for high-integrity, durable carbon removal solutions continuing to grow. Reaching one million tonnes of verified CO₂ removals is a testament to how far the industry has come and the key role that several market players, including Puro.earth, have played in scaling this nascent sector. We remain committed to expanding access to high-quality, durable carbon removal solutions that help companies meet their net zero goals while driving real, lasting climate impact," said **Marco Magini, Executive Director, Climate Projects, South Pole**.

“Reaching one million tonnes of CO₂ removed marks a significant milestone for the carbon removal industry, reflecting the rapid growth and scaling of high-quality solutions. At Exomad Green, we are proud to collaborate closely with Puro.earth to drive the advancement of biochar as a permanent and reliable carbon dioxide removal solution. Carbon removal lies at the heart of our mission—complemented by restoring degraded lands, enhancing air quality, and accelerating research and development to unlock biochar’s full potential. As global demand continues to rise, we remain committed to expanding our impact and ensuring businesses worldwide have access to trusted, scalable carbon removal solutions,” said **Diego Justiniano, CEO, Exomad Green**.

“We would like to congratulate our trusted partner Puro.earth on reaching such a significant milestone. Scaling high quality, durable carbon removal solutions has never been more important – and it is clear that buyer commitments will continue to have a central role to play in pushing the market forward. We are excited for our continued collaboration,” said **Sebastien Dewarrat, Co-Founder, ClimeFi**.