

LanzaTech

LanzaTech Awarded Sustainable Markets Initiative 2023 Terra Carta Seal

November 28, 2023

- LanzaTech is one of 17 global companies to have been awarded the Sustainable Markets Initiative's 2023 Terra Carta Seal
- The Terra Carta Seal recognises global companies which are actively leading the charge to create a climate and Nature-positive future
- LanzaTech recycles carbon with biology to enable a circular carbon economy
- Winners were selected by a panel of global experts from the environmental, business, political and philanthropic worlds
- Designed by Sir Jony Ive, the Terra Carta Seal embodies the vision and ambition of His Majesty King Charles III and the Terra Carta, as a recovery plan for Nature, People and Planet.

LONDON, Nov. 28, 2023 (GLOBE NEWSWIRE) -- The Sustainable Markets Initiative today announced that LanzaTech Global (Nasdaq: LNZA), the carbon recycling company transforming waste carbon into sustainable raw materials, has been awarded its 2023 Terra Carta Seal. The Seal recognises global companies which are actively leading the charge to create a climate and Nature-positive future.

The Terra Carta Seal is awarded to companies which have demonstrated the success of a high-impact, large scale company-wide project, initiative or strategy which aligns with one or more of the Sustainable Markets Initiative's ten Terra Carta Articles. The Articles underpin the [Terra Carta](#), the Sustainable Markets Initiative's guiding mandate which provides a roadmap and framework to accelerate the transition to an ambitious and sustainable future, placing Nature, People and Planet at the heart of global value creation.

LanzaTech takes carbon capture a step further by transforming it into something valuable and useful at scale that directly replaces virgin fossil carbon in consumer goods, chemicals, and fuels. Using its Biorecycling technology process, LanzaTech captures and processes multiple forms of waste carbon before they can enter the atmosphere and cause harm. Emissions sources like steel mills and landfill sites can attach LanzaTech's bioreactors to their facilities, which then act like a brewery. Instead of using yeast to convert sugar into beer, proprietary microbes convert carbon-rich gases into essential raw materials like ethanol, a primary ingredient in fuels and a range of everyday consumer goods. This process allows LanzaTech to create value from waste and enable a circular carbon economy. Its Biorecycling technology is operating at six commercial plants which collectively have the capacity to abate 500,000 tonnes of CO₂ per year.

LanzaTech joins 16 other companies spanning multiple geographies and industries to be awarded the 2023 Terra Carta Seal. They include:

- Airbus
- CDPQ
- DLA Piper
- EY
- Haier Smart Home
- Hitachi
- LanzaTech
- Novartis
- Orange
- Carbon Clean
- Ping An Bank
- Pollination
- ReNew
- Robertson
- Siemens Energy
- Soneva
- Sumitomo Mitsui Financial Group

Jennifer Jordan-Saifi, CEO, Sustainable Markets Initiative, said:

"The Sustainable Markets Initiative's Terra Carta Seal recognises those companies which are taking great strides in delivering real-world outcomes. As we stand on the eve of COP28, public, private sector and philanthropic actors will come together at the inaugural [Business and Philanthropy Climate Forum](#) to bridge the gap between ambition and action. It is examples exemplified by the 2023 Terra Carta Seal winners that are helping to inspire and lead the way."

"LanzaTech is humbled by this recognition and spurred on to continue striving toward the creation of a circular carbon economy," **said Dr. Jennifer Holmgren, CEO of LanzaTech**. "There is still hope for us to change the course of our planet's current climate trajectory. At LanzaTech, we are blazing a path for a new way of living better with our planet by treating carbon as a precious resource."

The Terra Carta Seal was launched in 2021 at COP26 by His Majesty King Charles III when he was the Prince of Wales. Since its inception, the Sustainable Markets Initiative has awarded its coveted Seal to just 83 companies globally.

For the first time this year, the judging process involved independent, external partners [Verdantix](#) and the [Expert Review Panel](#), who worked together to assess the eligibility and impact of each nominated project against recognised global sustainability criteria.

This year's cohort of winners impressed the judges with the breadth and scope of their projects, which included pioneering use of hydrogen and engineering-based initiatives to support carbon emission reductions, to the development of new frameworks to support the distribution of private capital, at scale, into transition-related infrastructure across the African continent.

David Metcalfe, CEO, Verdantix, said: "We are privileged to work with the Sustainable Markets Initiative, contributing our expertise in independent evaluation to the judging process. We take great pride in being an integral part of this esteemed global initiative, alongside a distinguished and diverse panel of experts. Together, we are dedicated to acknowledging and applauding the companies who lead the way in demonstrating their commitment to creating a sustainable future."

About LanzaTech

Headquartered in Skokie, IL, LanzaTech Global, Inc. (Nasdaq: LNZA) captures waste carbon and transforms it into materials such as sustainable fuels, fabrics, packaging, and other products. Using a variety of waste feedstocks, LanzaTech's technology platform is contributing to a future where consumers are not dependent on virgin fossil feedstocks for everything in their daily lives. LanzaTech's goal is to challenge and change the way the world uses carbon, enabling a new circular carbon economy where carbon is reused rather than wasted, skies and oceans are kept clean, and pollution becomes a thing of the past. For more information about LanzaTech visit <https://lanzatech.com>.

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About the Terra Carta Seal

Sir Jony Ive and his creative team at LoveFrom created a physical and animated seal engineered with paper that is both simple and beautifully crafted. The design combines a host of natural references including oak leaves, fern, magnolia and honeybees and intricate patterns both in nature and in the arts, creating a visual celebration which reflects the power of and reverence for nature that is at the heart of the Terra Carta.
Read more: <https://www.sustainable-markets.org/terra-carta-seal/intro/>

About the Sustainable Markets Initiative

Founded by His Majesty King Charles III in 2020, as Prince of Wales, the Sustainable Markets Initiative has become the world's 'go-to' private sector organisation on transition. Launched in 2021, the Terra Carta serves as the Sustainable Markets Initiative's mandate with a focus on accelerating positive results for Nature, People and Planet through real economy action.
Read more: www.sustainable-markets.org

About Verdantix

Verdantix is the essential thought leader for world-enhancing innovation. It supports changemakers with its proprietary data, unique expertise and executive networks. Its impactful analysis is delivered via a digital platform, consulting engagements and in-person events to thousands of decision-makers in more than 100 countries. From offices in London, New York and Boston, the Verdantix research team applies the principles of rigour, accuracy and curiosity to help its globally distributed clients solve their most complex challenges. verdantix.com

About LoveFrom and Sir Jony Ive:

Sir Jony Ive KBE is a designer. He joined Apple in 1992. As chief design officer, Jony was responsible for all hardware, user interface and packaging design, as well as the major architectural projects Apple Park and Apple retail stores. He led the design team for more than two decades, creating the iMac, PowerBook, MacBook, iBook, iPod, iPhone, iPad, AppleWatch, AirPods and HomePod. Co-founder Steve Jobs referred to Jony as his creative partner. He holds more than 14,000 patents worldwide, uniquely spanning both software and hardware design. Jony currently serves as chancellor of the Royal College of Art, is frequently voted one of Britain's most culturally influential figures.

In 2019, Jony gathered the creative collective LoveFrom, which includes designers, architects, musicians, filmmakers, writers, engineers, and artists. The combined experience, achievement and recognition of these creatives is without precedent.

The collective has been working quietly together since 2019, announcing multi-year collaborations with Airbnb and Ferrari. It has studios in San Francisco and London. lovefrom.com