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## Five Global Healthcare Leaders Secure Industry-first, Multi-party Agreement to Access Renewable Power in China

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- AstraZeneca, Lonza, Novartis, Novo Nordisk and Roche have signed an agreement in China with leading green technology company Envision Energy to unlock access to renewable power, resulting in potential annual carbon dioxide equivalent savings of approximately 120,000 tonnes.

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**Davos, Switzerland** - To accelerate the transition to net zero health systems, five global healthcare companies, including four members of the [Sustainable Markets Initiative Health Systems Task Force](#), have signed an industry-first, multi-party renewable power agreement in China. This is the first time that companies from across the global healthcare sector – AstraZeneca, Lonza, Novartis, Novo Nordisk and Roche – have come together to decarbonise their operations in China.

The three-year renewable energy supply agreement, announced at the World Economic Forum in Davos, Switzerland, supports China's journey towards carbon neutrality and will unlock around 200 gigawatthours (GWh) of renewable electricity annually from 2024 onwards in Jiangsu, Guangdong, Shanghai and Beijing. This will result in annual emissions savings of approximately 120,000 tonnes of carbon dioxide equivalent (CO<sub>2</sub>e), comparable to taking 25,000 cars off the road.<sup>1</sup>

The completion of this agreement follows the [announcement of advanced discussions ahead of COP28](#) and opens up additional opportunities for companies in the healthcare supply chain to join and decarbonise their operations. The electricity will be supplied by Envision Energy, one of China's largest renewable energy companies.

The healthcare sector contributes approximately 5% of global emissions. Over half of the sector's emissions are created in manufacturing supply chains, and energy consumed in these supply chains accounts for around 25% of total healthcare emissions.<sup>2</sup> China is a key market for pharmaceuticals manufacturing, making collaboration with this market critical to reduce carbon emissions at scale.

The four participating members from the Sustainable Markets Initiative Health Systems Task Force are: AstraZeneca, Novartis, Novo Nordisk, and Roche.

Envision Energy is a member of the [China Council Health Working Group](#) which was launched by the Sustainable Markets Initiative's China Council in November 2023. This Working Group aims to

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<sup>1</sup> <https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle>

<sup>2</sup> <https://a.storyblok.com/f/109506/x/96fc198cb8/smi-hstf-executive-summary.pdf>

accelerate the delivery of sustainable healthcare in China, with broader global impact and is comprised of 16 Chinese companies from the health, energy and digital sectors, alongside members of the Health Systems Task Force.

The Sustainable Markets Initiative's Health Systems Task Force is committed to continued delivery across its initiatives in 2024, including the development of frameworks to measure the environmental impact of medicines and delivery of patient care.

### **Additional Information**

#### **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](http://www.sustainable-markets.org)

#### **About the Sustainable Markets Initiative Health Systems Task Force**

The Sustainable Markets Initiative's Health Systems Task Force is a public-private partnership launched at COP26, comprising of healthcare companies (AstraZeneca, Bupa, GSK, Novartis, Novo Nordisk, Merck Group, Reckitt, Roche, Samsung Biologics, Sanofi), the World Health Organization (WHO), UNICEF and key public sector partners (NHS England, Sustainable Healthcare Coalition and University of Pavia). The overall Task Force objective is to accelerate the delivery of net zero, patient-centric healthcare.

Lonza has partnered with the Sustainable Markets Initiative Health Systems Task Force on the decarbonization of healthcare supply chains, as a leading supplier to the pharmaceutical, biotech, and nutrition markets.

Envision Energy is a world-leading green technology company, providing renewable energy system solutions for global enterprises, governments and institutions. Encompassing three major business sectors - Smart Wind Turbines, Energy Storage, and Green Hydrogen Solutions, Envision Energy collaboratively constructs comprehensive solutions for energy transformation.