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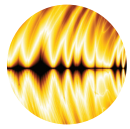

Tetra Pak reduces climate impact by sourcing 100% renewable electricity in China

Demonstrating leadership in managing climate impact while supporting local communities is at the core of Tetra Pak's sustainability work. With the help of South Pole Group, Tetra Pak China decided to procure international renewable energy certificates (I-RECs) to cover the electricity consumption from its plants in Hohhot, Beijing, Foshan, Kunshan and Pudong. By making sure that renewable energy is sourced locally from the same regional electricity grid as its plants, Tetra Pak is supporting the development of much needed renewable energy infrastructure in the local communities within which it operates. Tetra Pak was one of the first industrial companies to source renewable energy certificates to address electricity consumption in Asia and is showing true leadership in minimising climate impact and working towards its goal of capping emissions across the value chain at 2010 levels by 2020.

ABOUT THE CLIENT

PROTECTS WHAT'S GOOD™ Tetra Pak

Tetra Pak is the world's leading food processing and packaging solutions company. Working closely with customers and suppliers, it provides safe, innovative and environmentally sound products that meet the needs of hundreds of millions of people in over 175 countries around the world. With more than 23,000 employees based in over 80 countries, Tetra Pak believes in responsible industry leadership and a sustainable approach to business. The company's brand promise, "PROTECTS WHAT'S GOOD", reflects Tetra Pak's vision to make food safe and available, everywhere.

"The biggest source of emissions across our value chain is the use of energy. For our own operations, we are looking to reduce this impact even after we have maximised our efforts to reduce consumption - one way of doing this is by increasing our use of renewable electricity. We have worked with the South Pole Group for a long time and we appreciate the Group's robust processes and wide portfolio of renewable energy solutions to achieve these goals."

Mario Abreu
Vice President Environment,
Tetra Pak

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The Goal

Tetra Pak is working to minimise the environmental impact across its entire value chain, from sourcing to production, to the use and disposal of its products, in partnership with customers and suppliers. Tetra Pak's goal is to cap its climate impact by 2020 at 2010 levels, despite anticipated business growth during this period. Tetra Pak has also joined RE100, committing to increase its use of renewable electricity to 100% across all global operations by 2030.

The Challenge

China is one of the countries where Tetra Pak uses the most electricity. It is also a market that is still only developing robust renewable energy infrastructure, making it a challenge for companies to source electricity from renewable resources and minimise carbon emissions. It was nonetheless important for Tetra Pak to find a solution that would allow it to source renewable energy locally from the same regional electricity grid as its plants.

The Solution

The International REC Standard (I-REC) is an international standard for issuing, tracking and redeeming renewable energy certificates (RECs) in countries where tracking systems for RECs do not yet exist. Established and governed by the International REC Standard, a nonprofit, the I-REC Standard offers a robust means through which energy products from renewable sources can be certified through the electricity supply chain. The I-REC Standard has been accepted by the GHG Protocol and CDP as a reliable accounting mechanism for voluntary corporate disclosure of renewable energy consumption.

The Key benefits

Reduced GHG emissions: The investment in I-RECs in China represents an increase of 13% in Tetra Pak's purchase of renewable electricity, bringing the total use of renewable electricity across the company's global operations to 35% of the total electricity consumed. The annual carbon savings that will result from this initiative are estimated at approximately 80,000 tCO_2/year, which accounts for 25% of Tetra Pak's total emissions.

Progress towards Tetra Pak's climate goal and public commitments: Sourcing I-RECs delivers on Tetra Pak's RE100 commitment of 100% renewable electricity by 2030. It also supports the company's commitment to the Science Based Targets initiative through which it pledges to work towards keeping the global temperature increase below 2 degrees Celsius. Both these commitments fall under Tetra Pak's climate goal of capping its value chain emissions at 2010 levels by 2020.

Thinking global, acting local - demonstration of leadership in the area of renewable electricity: In China, a market that is looking to establish a national renewable electricity tracking scheme, Tetra Pak is showing true market leadership with the use of I-RECs as a part of a global renewable sourcing strategy. Through the I-REC projects identified together with South Pole Group, Tetra Pak is encouraging the growth of the renewable energy industry and renewable technology - all while supporting the local economies in which it operates.

WHY WORK WITH US

Global team

We are a truly global provider of sustainability solutions and services. Our team is made up of over 130 skilled and enthusiastic professionals from over 20 different countries, based in offices spanning 6 continents.

Proven impact

Since 2006, we have measured the climate impact of countless companies and products worldwide. We have screened USD 2 trillion of investments for their climate impact and we have developed 500 projects in renewables, forestry, agriculture, industry and households. Through our efforts, 80 million tonnes of CO_2 have been saved, which is equivalent to one quarter of the annual CO_2 emissions of France

Added value

We help you grow with groundbreaking solutions that benefit your business, the environment and society.