

Copefrut Sustainability

Case Study

1 Goals

Copefrut aims to mitigate the adverse effects of climate change on agricultural development, the environment, and its ecosystems. The Chilean company is committed to sustainability with the goals of extensively reducing its emissions and achieving carbon neutrality.

2 Steps Taken

- **Establishment of Energy Management System (EMS)**, a system designed to reduce energy consumption per ton of fruits processed
- Creation of **Energy Management Committee** to review monthly energy indicators
- Establishment of partnership with **Enel Gernacion** in a 4-year energy contract to ensure energy supply comes from 100% clean and renewable sources
- Measurement of emissions produced by transport of organic apples to international markets and purchase of carbon credits for emissions offset
- **Carbon Neutral Certification:** completion of "define, measure, target, reduce, and communicate" requirements for certification
- Support for growers in transitioning to more **sustainable practices**, including collection of data on consumption and equipment classification to issue recommendations and technical specifications

3 Results

Copefrut reduced its total operational energy consumption from 23,081,964 kWh in 2020-2021 to 21,460,574 kWh in 2021-2022, a total of **7.14%**.

18.58% 


reduction in energy consumption per kilogram of fruit

Carbon in 2022:
Copefrut offset

987 metric tons of CO2 emissions

4 Carbon Footprint

Reducing its carbon footprint was achieved through:

1. **Lowering** energy consumption and emissions
 2. **Offsetting** emissions through renewable energy sources and carbon credit
 3. **Achieving** carbon neutrality for organic apple transportation and facilities
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5 Next Steps

- Waste management
- Packaging innovations
 - *Maximizing recyclability*
 - *Alternative packaging materials*
- Extending carbon neutrality processes
- Local community development
 - *Creating jobs*
- Social responsibility
- Increasing renewable energy
- Continued support for sustainable growers