

Incorporating efforts for a more sustainable world



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Is your case study linked to an 'ugly truth' or a 'key success factor'?

Our case study is centered on a "key success factor" for driving collective change. As an organization, we recognize our ability to contribute to reducing greenhouse gas (GHG) emissions, especially in light of the global environmental challenges and the significant impact on human health. However, we acknowledge that our actions alone are insufficient to combat climate change effectively. Therefore, a coordinated and collaborative effort is essential to achieving meaningful progress.

What does the case study help tackle?

Approximately 60% of our greenhouse gas (GHG) emissions stem from our distribution suppliers, which is why our efforts are primarily focused on reducing Scope 3 emissions to meet the objectives established under the Science Based Target Initiative (SBTi). However, we also remain committed to reducing emissions in Scopes 1 and 2, which account for the remaining 40%.

What was the outcome and how did you measure it?

In 2024, our greenhouse gas reduction targets were validated, approved, and published by the Science Based Targets initiative (SBTi). These targets establish our environmental commitment, aiming to reduce emissions in Scopes 1 and 2 by 2030, and in Scope 3 by 2050.

Who was involved (departments/roles)? How did you justify it to the business?

We established a Sustainability Committee comprised of key leadership roles across various departments within the corporate group. The committee is responsible for driving three core lines of action: Sustainable Business,

which focuses on integrating sustainability into our business operations; World Division, which addresses our environmental impact on a global scale; and Talent Division, which ensures that our workforce is aligned with our sustainability goals.

In addition, we actively involved key leaders from our distribution suppliers, creating a truly multifunctional team. This collaboration between internal and external stakeholders ensures a holistic and coordinated approach to achieving our sustainability objectives. The diverse perspectives and expertise within the team enhance our capacity to implement effective and innovative solutions.

What were the key success factors?

Since 2014, Ralca has demonstrated a strong commitment to environmental sustainability through several impactful initiatives. These include the installation of solar panels, a rainwater collection system, and a water treatment plant at our facilities. Currently, 22% of the energy consumed at our CEDIS in Lerma and 95% at our Naucalpan facilities are supplied by solar energy. In 2022, we further enhanced our sustainability efforts by implementing an Energy Storage System, allowing us to reduce peak energy demand from the grid (CFE). The environmental impact of these initiatives is equivalent to preventing the emission of 2.3 tons of CO₂ or planting 620 trees each month.

In addition, our rainwater collection and water treatment systems allow us to be self-sufficient in water resources for 3.5 months each year, reducing our annual water consumption by 18%. In 2024, we joined the Net Zero program, with our targets validated, approved, and published by the Science Based Targets initiative (SBTi).

Our sustainability efforts have also extended to our suppliers. In 2023, our distribution provider integrated two hybrid units into its fleet, fulfilling its commitment to reducing emissions. This effort also earned them Clean Transportation certification, endorsed by the Ministry of the Environment and Natural Resources in Mexico.

What are your watch-outs for others attempting this?

The first steps are often the hardest, but teamwork is key to achieving your goals. Establishing a group of expert decision-makers and forming committees will simplify the process. Training staff on sustainability increases awareness and engagement. Finally, audits like PSCI or Ecovadis help assess your current standing and guide future efforts.

How would you recommend those with less resources attempt this?

The most important step is to begin fostering a culture of environmental care. Once this mindset is established, creative solutions and opportunities will naturally emerge, and over time, these efforts will gain momentum and strength.

Who were the main drivers (the people that were boots on the ground), and the main leadership sponsor?

The main drivers have been the entire management team, company leadership, and the members of the sustainability committee, all of whom have committed to implementing strategies to reduce environmental impact and actively promoting the execution of these initiatives. The CEO has been pivotal in driving the Net Zero commitment across the organization, while the company presidency has provided crucial financial support to ensure the success of these initiatives.

