

SUCCESS STORY

How One Multinational Food & Beverage Company is Reducing Global Emissions – at No Additional Cost

In 2017, a multinational, Fortune 100 food and beverage company engaged 3Degrees for assistance meeting an ambitious goal: reducing its absolute greenhouse gas emissions vs. a historic base year in each of its four global operating regions. This client thinks of emissions reductions in a virtuous cycle, progressing through usage reduction, onsite consumption from low and zero carbon sources, cost effective solutions that don't require a change in the supply chain and, finally, off-site renewable solutions to help close any remaining gap. The client had been making steady progress through energy efficiency and other onsite solutions, but needed additional reductions to achieve their goals. 3Degrees was hired for a three-year engagement to establish a strategy to achieve the client's goals across all regions and to support the regional teams' resulting implementation.

Challenges

We knew the client's needs were complex, but we were up to the task and readily accepted the challenge. Their ambitious requirements included: the reductions needed to be in place for calendar year 2020 reporting; each region must meet the goal independently; each implementation solution must have a cost-neutral or cost-saving economic profile; and no unbundled instruments such as RECs or GOs could be used.

How we helped

3Degrees began the engagement by identifying emissions hotspots across the client's global operations, then assessed specific countries where they could get the "best bang for their carbon buck". For example, we looked for opportunities where one solution could address multiple issues, thus optimizing the client's resources. We honed in on four areas that looked to be the most promising in meeting our client's goals:

Onsite solar

Combined heat and power solutions (CHP)

Green retail
(in deregulated markets)

Off-site renewable solutions



COMPANY GOALS



Reductions in absolute GHG emissions in four global regions - in place for 2020 reporting



Meet each region's goal independently



Each solution must be cost-neutral or cost-saving



Avoid unbundled RECs or GOs

For each one of these prospective solutions, 3Degrees conducted a comprehensive analysis that was specific to each region and its target reduction goals. The analysis also included an assessment of specific facilities in the region whose emissions profiles were sufficiently large to allow for a meaningful contribution to the goal should a reduction solution be pursued. We then mapped solutions to each facility, taking into account regional policy environments, resource availability, vendor landscape, project economics and other factors.

Results

3Degrees delivered a global strategy roadmap that will enable the client to meet their emissions reduction goals in all four regions by their 2020 target, with solutions that are cost neutral or better. In some regions, multiple implementation options are available and the client's regional teams are engaged in final alignment discussions; in other regions, implementation work has already begun. 3Degrees is supporting these implementations, as well as needed changes in the client's greenhouse gas accounting practices to correctly quantify the resulting reductions.



“This was an ambitious assignment because the client's needs were complex and global in nature. But we were up to the challenge and feel very positive about the global strategy road map we were able to deliver and the significant emissions reductions that will come as a result.”

ERIN CRAIG

*VP, Energy and Climate Practice,
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At 3Degrees, our business is our mission. We make it possible for businesses and their customers to take urgent action on climate change. As a certified B Corporation, we provide renewable energy and emission reduction solutions to Fortune 500 companies, utilities, universities, green building firms and other organizations. Headquartered in San Francisco, 3Degrees serves clients around the world.



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