

REV SUCCESS STORY: ILLUMINA

illumina is a global company with a vision to be the leading provider of integrated solutions that advance the understanding of genetics and health. Headquartered in San Diego with over 3,750 employees across 10 commercial offices worldwide and revenues of \$1.86 billion, illumina's life science solutions for the analysis of genetic variation and function are moving us closer to the realization of precision medicine.

ILLUMINA'S GOAL

As a company illumina's focus has been improving human health by unlocking the power of the genome. While illumina had an executive steering committee for Health, Safety & Environment, it lacked a cohesive sustainability strategy. With a firm belief in creating a great employee/community experience, being good stewards of the environment, and motivated to improve their sustainability standing amongst the Fortune 500, and other major sustainability indices, illumina set out to develop a number of programs geared toward embedding sustainability into their global business units and operations. These included integrating sustainable packaging, procurement, and producer responsibility initiatives into the business' value chain globally; and targeting green building design with LEED Gold, Platinum or Zero-Energy buildings where feasible.

"Part of my group's strategic plan was to start thinking about sustainability. It was clear from outset that it was an area that would require a lot of attention. We had undertaken a lot of initiatives but there was no overall awareness of what was in process. Now that we are moving into the clinical arena, it's more important than ever to have that transparency the comes with sustainability."

Obed Varela, Associate Director Global Health Safety & Environment, illumina

ACTION PLAN HIGHLIGHTS

illumina's Sustainability Action Plan targeted the key areas of reducing operating cost via sustainability initiatives in energy, water, and waste; improving margins by leveraging more efficient packaging, shipping,

and distribution; as well as attracting and retaining top talent; securing and winning business tenders by leveraging sustainability and corporate social responsibility initiatives; and increasing compliance.

MAJOR SHORT-TERM GOALS

- Reduce energy, water, and GHG, consumption/emissions indexed to 2014 baseline
- 10% reduction in waste generation by end of 2015
- "Green" teams at all illumina sites by end of 2015
- Introduce sustainability into the Product Development Process
- Minimum LEED Silver status for all new construction projects by 2017

RESULTS & BENEFITS

- Formed HQ "Green Team" and Executive Sustainability Committee
- Launched "Water Day" globally
- Created GHG, Energy, Water, and Waste global reporting databases
- Executed multiple sustainability engineering initiatives including extensive LED relamping, work-space optimization (densification), and EV charging stations at all California sites
- Over 2,500,000 kWh / \$500K per year in Energy saving initiatives completed at HQ in 2014

"There is nothing to lose and a lot to gain. It's worth every minute. For those that are unclear on which direction to go this will be just the inspiration and guidance they are seeking and will give them a fresh perspective on how to approach sustainability."

Obed Varela, Associate Director Global HSE. illumina