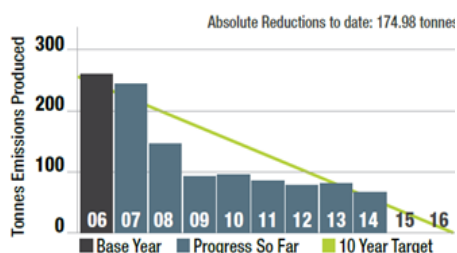


About

Operating from a single plant in Cambridge, VeriForm provides custom precision sheet metal and plate fabricating services across North America for the mining, forestry and machine building industries. Recently, they have expanded to supply many green sectors like solar, wind and biogas.

Sustainable Journey

President and CEO of VeriForm, Paul Rak has championed his company's sustainability transformation. Paul felt it was important to foster a culture of sustainability through policy development, implementation, goal setting, and employee engagement. By joining the Regional Carbon Initiative (RCI), and working with Sustainable Waterloo Region (SWR), VeriForm has made significant progress towards cutting their carbon footprint.



By the Numbers

Since becoming a RCI member, VeriForm has dramatically lowered its greenhouse gas emissions. Cutting their carbon footprint as of early 2015 by more than 70% compared to 2006 when they started their sustainability efforts. Annual savings from all of their sustainability related projects totals a jaw dropping \$164,564, with increased savings each year.

Awards

ISO 50001 Energy Management Certification: In 2013 VeriForm became ISO 50001-2011 Energy Management certified! This certification recognizes VeriForm's increased efforts to reduce their carbon footprint establishing, implementing, maintaining – and constantly improving – its energy management system.

RCI's "Greatest GHG Reduction": This award recognizes the member of the RCI that has reduced the most emissions in 2014 relative to their size. VeriForm received this award for reducing their GHG emissions by 18 per cent.

Green Team

VeriForm has a Green Team comprised of staff with excellent project management experience which helps drive the organization towards higher levels of energy and carbon footprint reductions. However, each year produces greater challenges for VeriForm to continue becoming sustainable. By working with SWR, VeriForm has been able to generate more ideas that will result in significant energy and cost savings for their organization.

Key Projects

Programmable Thermostat

Setting-up a new thermostat system has allowed VeriForm to better regulate the temperature and exact energy usage of the air-conditioning within their plant.

Result: This has reduced CO₂ emissions by 84.07 tonnes and resulted in cost savings of \$13,911.

Disconnects on Bay Doors

Through installing this system the heat will turn off when plant doors are left open.

Result: This has reduced CO₂ emissions by 47.7 tonnes with cost savings of \$7,893.

Occupancy Sensors

This project involves equipping mounting sensors on all lighting within VeriForm's plant operations. This causes the lights within the plant to automatically turn lighting on/off depending on movement.

Result: This project has the potential to annually reduce 3.6 tonnes of CO₂ emissions as well as produce \$4,000 in annual savings.

Steam Cleaning System

Policies were put in place to only use the plant steam cleaning system based on demand instead of it running all day.

Result: This has reduced CO₂ emissions by a small, but significant, 0.45 tonnes. Plus \$800 in annual savings, following a six-month return on investment.



Sustainable Waterloo Region (SWR) is a not-for-profit that advances the environmental sustainability of organizations across Waterloo Region through collaboration. SWR's flagship program is the Regional Carbon Initiative (RCI), which facilitates voluntary target-setting and reductions of greenhouse gas emissions by local organizations. For a full list of SWR's programs, please visit www.sustainablewaterlooregion.ca/programs.

The Regional Carbon Initiative (RCI) is Sustainable Waterloo Region's flagship program that helps local organizations advance the sustainability of their operations through greenhouse gas (GHG) emission reductions. RCI membership enables organizations to make GHG reduction commitments, collaborate with area leaders in environmental sustainability, and learn how to implement cost-effective reduction projects.