



The Computerworld Honors Program

Honoring those who use Information Technology to benefit society

Final Copy of Case Study

Status:

Laureate

Year:

2013

Organization Name:

Quality Attributes Software

Organization URL:

www.qualityattributes.com

Project Name:

Haveford Environmental Center

Please select the category in which you are submitting your entry:

Sustainability

Please provide an overview of the nominated project. Describe the problem it was intended to solve, the technology or approach used, how it was innovative and any technical or other challenges that had to be overcome for successful implementation and adoption. (In 300 words or less.)

The Haverford Township Environmental Center in Pennsylvania was seeking a technology solution to showcase their LEED (Leader in Energy Efficiency) Certified Building to residents of the township and visitors of the recreation center. The CREC is a model for teaching residents about energy conservation and the methods used to reduce our carbon footprint. In 2008, the Township adopted a Climate Action Plan and the Center was built in response to this initiative. The location of the CREC was built on the same spot where a coal power plant once stood. The power plant produced electricity for 23 buildings on the former Haverford State Hospital Grounds. In addition to the recreation center,

there is 124 acres of outdoor space that encompasses trails, wetlands, and old growth forests. Visitors are encouraged to experience the Center and make a commitment to make ourselves and our environment healthier and more sustainable.

When was this project implemented or last updated? (Please specify month and year.) Has it incorporated new technologies and/or other innovations since its initial deployment? (In 300 words or less.)

The GreenTouchscreen project was commissioned in February 2012 and is scheduled to finish completion January 2013.

Is implementation of the project complete? If no, please describe the project's phases and which phase the project is now in. (In 300 words or less.)

The project is currently in its Quality Assurance phase.

Please provide at least one example of how the technology project has benefited a specific individual or organization. Feel free to include personal quotes from individuals who have directly benefited from the work. (In 300 words or less.)

The GreenTouchscreen educates Township residents and visitors about the Center. Green building materials used in the construction of the building are showcased on the website along with a green features map and LEED Checklist explaining how certification was obtained. The interactive display engages users with 3D animations of sustainable systems like Geothermal and Energy Recovery. Calculators are used to simulate how your decisions change your impact on the environment with carbon footprint and CO2 emissions depicted.

Would this project be considered an innovation, a best practice or other notable advancement that could be adopted by or tailored for other organizations and uses? If yes, please describe that here. (In 300 words or less.)

Quality Attributes Software's GreenTouchscreen has been implemented and customized in many LEED Certified Buildings throughout the United States. The GreenTouchscreen helps to drive behavioral change as it tells the sustainability story of that building.



If there are any other details that the judges should know about this project, please note them here. (In 300 words or less.)

CREC GreenTouschscreen site is publicly accessible at <http://Haverford.greentouchscreen.com>. The solution is best viewed in Internet Explorer 8 and requires the Adobe Flash plug-in.