

ORCUTT | WINSLOW



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GREENLIGHT GREENPAPER

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The Orcutt|Winslow Project Team completed a building footprint assessment of the recently renovated Health Services Building on ASU's Tempe campus.



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Orcutt|Winslow had recently completed a full renovation of the Health Services Building on ASU's Tempe campus, and they were seeking to complete a footprint analysis of the building. A footprint analysis gives a general overview of the materials and energy that went into a particular built structure. Orcutt|Winslow did not have the capacity on their team to complete the footprint assessment, so they teamed up with GreenLight Solutions.

The Project Team used the Impact Estimate for Buildings software, created by Athena Sustainable Materials Institute, to calculate the building's carbon footprint. The Impact Estimator for Buildings gives architects, engineers and analysts access to advanced life cycle inventory data without requiring advanced skills. Their focus was on the production and consumption of construction materials, building, and infrastructure.

BENEFITS TO PROJECT PARTNER

Orcutt|Winslow benefited from having a better understanding of the carbon footprint of their project on ASU's Health Services Building, as well as information they could use in their Sustainability Report and related communications.

BENEFITS TO SOLUTIONEERS

The Project Team learned how to conduct a carbon footprint analysis and how to utilize online tools that calculate particular input into a building.

BENEFITS TO THE COMMUNITY

The ASU student body and the community at large benefited from having a better understanding of the carbon footprint of the building, which reflected well on Orcutt|Winslow, ASU, and GreenLight Solutions.