



Bentley University FY22 Sustainability Presentation


March 16th, 2023


- University of the Sciences in Philadelphia
- University of Toledo
- University of Vermont
- University of Washington
- University of West Florida
- University of Wisconsin - Madison
- Vanderbilt University
- Virginia Commonwealth University
- Wake Forest University
- Washburn University
- Washington State University
- Washington State University - Tri-Cities Campus
- Washington State University - Vancouver
- Washington University in St. Louis
- Wayne State University
- Wellesley College
- Wesleyan University
- West Chester University
- West Virginia Health Science Center
- West Virginia University
- Western Oregon University
- Westfield State University
- Widener University
- Williams College
- Worcester Polytechnic Institute
- Worcester State University





What is Included in a Greenhouse Gas Inventory?

Scope 1:
From sources owned or controlled by Bentley


On-Campus Stationary 

 Vehicle Fleet

Refrigerants 


 Fertilizer


Scope 2:
From the generation of electricity purchased by Bentley




Purchased Electricity

Scope 3:
From sources not directly controlled by Bentley

Directly Financed and Study Abroad Travel 

 Waste and Wastewater

Student, Faculty, and Staff Commuting 

Paper Purchasing
Transmission and Distribution Losses

Increasingly Difficult to Track, Control and/or Mitigate 

Concluding Comments



- Since 2008, Bentley's campus footprint has grown 6% while population has decreased -4%. Bentley has managed to reduce total emissions by 77% from the baseline year. Strategic energy management, the use of market mechanisms and campus occupancy/limited travel due to Covid aid in this effort.*
- Bentley's younger age profile, historically strong capital funding levels and strategic planning has reduced overall utility consumption across campus. Fossil consumption has decreased 20% and electric consumption 36% between FY08 and FY22.*
- Heating and cooling campus buildings comprise 72% of Bentley's greenhouse gas emissions profile in FY22. Continue targeting capital investments into energy intensive building systems to buy down on deferred maintenance and overall utility consumption on campus.*
- Covid-19 has impacted where we learn and work, resulting in an increased need to distribute a detailed commuting survey annually that measures the frequency of telecommuting. This coincides with Bentley's strategy to increase workplace flexibility and opportunities to work remotely as defined in the university's Flexible Work Arrangements policy.*