2025 CARBON FOOTPRINT REPORT

NEUMANN MONSON ARCHITECTS

OUR PURPOSE

In 2016, Neumann Monson committed to achieving net-zero carbon emissions in new and renovated building projects by signing the AIA 2030 Commitment. We then published our first Sustainability Action Plan in 2018, with the second iteration published in 2025. We set a goal to begin tracking and offsetting all of our operational carbon emissions beginning in the year 2026. Our Green Team has been working on this effort, using 2025 as our pilot year.

As a firm that prioritizes low-carbon strategies in design, it's important that we hold ourselves to that same high standard. With this being our first year calculating our carbon footprint, we acknowledge that our calculations aren't all encompassing. They are simple and reflect the data that was available to us in 2025. However, quantifying our carbon footprint has allowed us to identify the largest sources of emissions within our practice that will inform future decisions to further reduce our emissions.

Carbon footprint tracking is an effective method for companies to reveal their operational blindspots. We see this report as a transparent educational resource for not just ourselves but for other businesses looking to support their commitment to decarbonization. We encourage others to use our metrics as benchmarks for their own carbon footprint and reach out if they have questions about our process.

METHODOLOGY

To calculate our carbon footprint, we used the UC Berkeley CoolClimate Calculator. The calculator inputs include the following:

COMPANY OVERVIEW

We began by adding baseline information about our firm, including location, business sector, number of facilities, number of employees, annual revenue, and square feet of our facilities.

BUSINESS RELATED TRANSPORTATION

The calculator required input for business vehicles, public transit use, air travel, and employee commute totals. This information was gathered through a firm-wide survey. Neumann Monson does not have any business-owned vehicles. Based on the survey, the following information was collected for 2025:

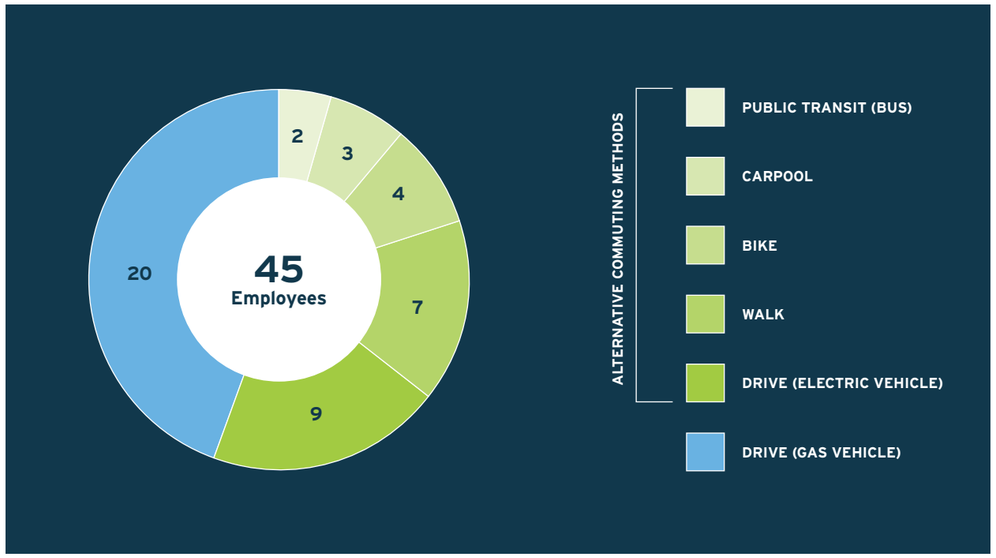
a. Public Transit: 1,662 miles
b. Air Travel: 69,418 miles
c. Employee Commute and Business Travel: 148,809 miles

FIRM ENERGY USE

We gathered utility bills for both the Iowa City and Des Moines studios, including annual electricity use and annual natural gas use. Additionally, waste and recycling values fell under this category. We determined these values from our internal waste audits.

BUSINESS PROCUREMENT

Due to limited data for 2025, we pursued the "simple" option on the calculator, which estimated our procurement emissions based on internal revenue, location, and size. This is the largest gap in our data



The firm-wide commuting survey shows that 55% of total employees take alternative commuting methods to work.

Members of the Green Team sorting and weighing trash during the studio waste audit

FINDINGS

Once we collected all required data, we processed the values and entered the information into the CoolClimate Calculator. The table below provides a summary of our raw findings from the calculator output. It breaks down our footprint into three categories: transportation, facilities, and procurement.

Category	Data Included	tonsCO2e/yr
Facilities	Electricity; waste, and construction	36
Transportation	Air travel, employee commute	101
Procurement	Simple calculator from businesses with similar sizes, locations, and revenues	143
Total Footprint	**Tranportation, facilities, and procurement**	**280**

Procurement represents the largest share of our footprint, followed by transportation. Our facilities make up a smaller portion of our total footprint.

To better determine the sources of our emissions and the level of control we have over them, we split our footprint into different scopes. Our scope 1-3 emissions included the following:

• Scope 1 emissions represent greenhouse gases that we directly put into the air. This would include on-site combustion from furnaces and boilers for heating.

• Scope 2 emissions include indirect emissions that come from the office energy that we purchase.

• Scope 3 encompasses all other indirect sources of greenhouse gas emissions, including annual employee transportation, procurement, and waste.

Similar to other companies, our scope 3 emissions consume the largest portion of our footprint at 92% of our footprint. This represents the largest opportunity for improvement, specifically with our procurement.

To better understand our footprint of 280 tons of CO2, we ran it through the EPA Equivalencies Calculator. We found that our footprint is equivalent to:

• Carbon sequestered by 255 acres of U.S. forests in one year

• Greenhouse Gas emissions from 59.2 gasoline-powered passenger vehicles driven for one year

• CO2 emissions from 52.9 homes' electricity use for one year

• Greenhouse Gas emissions avoided by 12.8 garbage trucks of waste recycled instead of landfilled

OTHER FIRMS AND BUSINESSES

To gain an understanding of our footprint compared to others, we compared our per capita footprint to that of other firms and businesses in the US. Our per capita footprint is 6.22 tons of CO2e per person, whereas other US firms and businesses range anywhere from 1.8 to 8.5 tons of CO2e per person, with an average of 5.05 tons of CO2e per person.

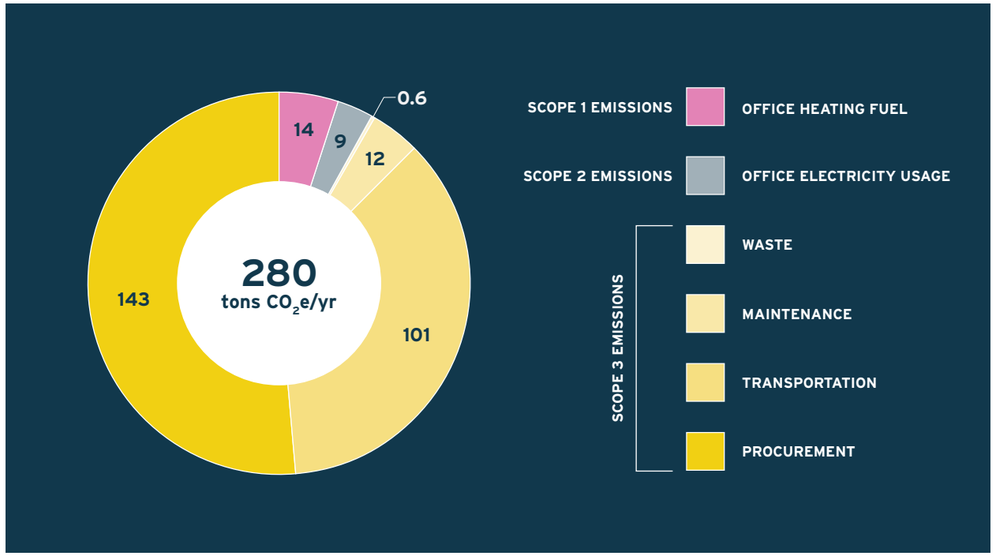
OFFSETS

Offsets that invest in carbon removal projects exist to neutralize carbon footprints. For 2025, we considered purchasing offsets, but ultimately decided not to purchase them during our pilot year. For future years, we will review options to purchase offsets that are concentrated in Iowa, where we do most of our work. A few of the offset programs that we would be interested in pursuing are below:

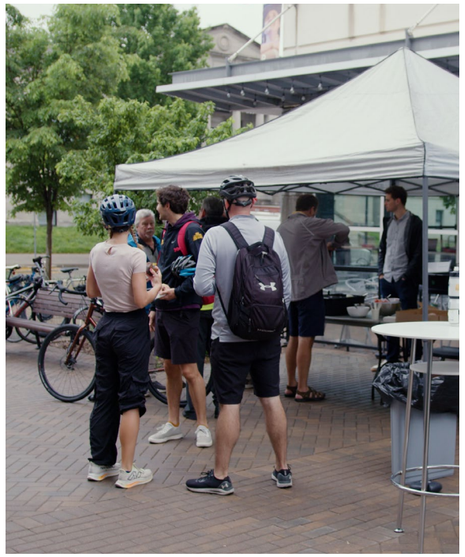
• Reforesting Des Moines: This project seeks to grow the city's tree canopy while empowering youth to plant and care for trees in their community parks and streets.

• Habitat Solar Iowa City: Iowa Valley Habitat for Humanity's Solar Fund invests donations into solar panels for local low-income families. Habitat for Humanity builds these homes to be solar-ready and purchased offsets cover installation costs.

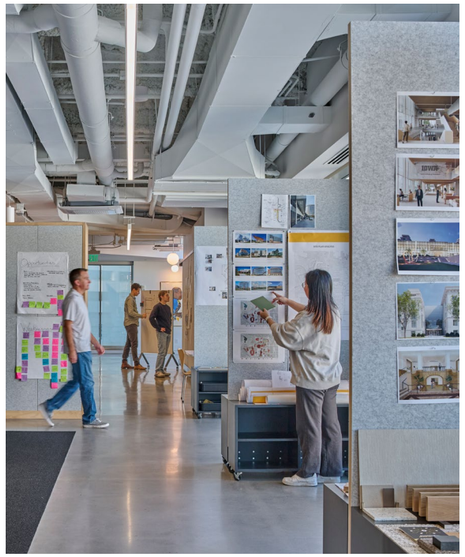
• Dubuque Metropolitan Sanitary Landfill via ClimeCo: In 2010, Dubuque, Iowa's Metropolitan Sanitary Landfill Project installed a gas control and collection system to capture landfill gas (methane).



The biggest impact on our 2025 Carbon Footprint comes from procurement. We aim to more accurately track this category in 2026.



NM hosts an annual Bike to Work Week community event



The NM Iowa City office is Living Future Core Certified

LESSONS LEARNED AND WAYS TO IMPROVE

IMPROVING OUR FOOTPRINT CALCULATIONS AND DATA TRACKING

This is our first time calculating our carbon footprint, and no processes have been in place to track relevant data throughout the year thus far. We gathered what we could from existing documents. Below are suggestions for improving our processes going forward:

• Travel Survey (Company Vehicles, Public Transit Use, Flights, Commutes): Create clearer survey questions, improve calculation efficiency, and collect air travel mileage on an ongoing basis.

• Facilities Information Collection (Energy Usage and Waste): In 2025, staff from Iowa City traveled to the Des Moines Studio to conduct their waste audit. To reduce future travel emissions, the Des Moines studio will conduct its own waste audit.

• Procurement: This was the largest impact on our footprint, so we'd ideally pursue the advanced route next year and put in place a process for reporting our supply purchases to create more accurate results. In addition to enhancing our own tracking, we will interrogate the calculator's assumptions about procurement emissions and determine how we can adjust for our own procurement habits.

CURRENT GOALS, AREAS OF IMPROVEMENT, AND ASSOCIATED POLICY SUGGESTIONS

Outside of improving our processes, we're also planning to implement strategies to reduce our operational carbon footprint. We are continuing to work on strategies outlined in our Sustainability Action Plan. You can find our Sustainability Action Plan here: https://neumannmonson-20623415.hs-sites-na2.com/hubfs/2025_NeumannMonson_SAP.pdf?hsCtaAttrib=193820072823

LOOKING FORWARD

Calculating our carbon footprint for 2025 was both a challenging and exciting process. As this was our first year, we recognize there are opportunities to deepen and refine our analysis.

This initial analysis represents a baseline for future years, where we plan to offset our emissions and generate a more accurate representation of our footprint, particularly with our yearly procurement.

In the meantime, our team is implementing year-round tracking measures to have more complete and representative data moving forward. We're excited to continue diving into this work and identifying meaningful opportunities to reduce our footprint in the years to come.

QUESTIONS?

If you have any questions or feedback about our process, please reach out to us via email: GreenDesign@neumannmonson.com

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