

2023 IMPACT REPORT

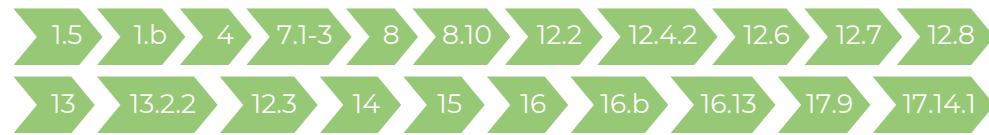
Pitt Business | Center for Sustainable Business

Galvanizing businesses to thrive for all stakeholders



In 2023, the CSB hosted 6 events, each serving unique functions across our sponsors and the general public.

HERE ARE THE UN SDG TARGETS WE HELPED YOU ACCELERATE IN 2023:



Excellence in Education: The new Micro-Credential in Sustainable Business was approved April 18, 2023, by the provost, for starting in the Fall 2023 term. This replaces the Sustainable Business Certificate, the new micro-credential is available to all Pitt Graduate Students and those eligible to take Graduate courses (e.g., Professionals). It guides students on how companies manage their social (people), environmental (planet), and financial (profits) risks, obligations, and opportunities to positively impact both stakeholders and financial well-being. Those who have previously completed a bachelor's degree as well as current Pitt graduate students are eligible to apply.

VIEW THE COMPLETE SPONSOR LIST



NEW SPONSORS IN 2023

| | |
|---------------------------|-----------|
| CNX | Gold |
| Columbia Gas | Gold |
| Ductmate Industries, Inc. | SMB Gold |
| Duquesne Light | SMB Pilot |
| EQT | Diamond |
| PGH2O | SMB Gold |
| PNC | Silver |
| Sloan Lubrication Systems | SMB Gold |

NEW CSB STAFF IN 2023

We welcomed 3 new full-time team members thanks, in part, to a \$800,000 Heinz Endowment Grant administered over 2 years and designed to accelerate the priority workstreams.

- Joelle Kanyana, ESG Rosetta Stone Program Manager
- Emmy Ray, Center Manager
- John Short IV, Workforce 100% Program Manager

GREEN OFFICE OAK TREE

The CSB has been a Green Office Sapling for several years but we recently implemented changes and have achieved Oak Tree status, the highest rating for green offices on Pitt's campus meeting 75-100% of possible total points. We analyzed our energy usage, food waste, office supply use, transportation methods, purchasing choices, engagement methods, equity, and staff health & wellbeing.

FOOD WASTE REDUCTION

We created new guidelines for both ordering food and a CSB Food Waste Plan as a staff guide for event planning to ensure we are accurately ordering for our events and minimizing waste.

GIVING TO THE GREEN FUND

All of our speakers receive a Voltaic backpack made of recycled plastic with a solar panel. When guests respectfully declining this gift, we donated the cost to the Pitt Green Fund, an organization that funds student led sustainability projects on campus.

EVENT GHG EMISSION REDUCTIONS

Our event baseline - SBF Spring 2023 - indicates that we're generating 5 lbs. CO₂e per USD spent on the event. The latest IPCC Report suggests our ceiling per transaction should be 1 lb. of CO₂ per dollar; and moving -12 lb. per dollar would make us a regenerative organization. We're currently exploring options - preferably local - to inset emissions reductions in addition to programmatic changes to emit less.

12.6

Applies to all: Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle.

LARGE COMPANY PROJECTS

13.2.2
17.16

Materials & Waste

Ansys: Researching strategies for use of sold products, lifecycle assessment, avoided emissions and strategic proposal, communication plan for investors, and working towards a science-based target.

13.2.2

Energy & Emissions

CNX: Independent, academic thought partner exploring market strategies for energy transitions, such as for lower carbon intensity fuel alternatives, customer financing models and end use case models.

13.2.2
3.9

Energy & Emissions

CONSOL Energy: Analyzing and recommending the rollout of solar on former mine sites, mine methane mitigation approach, and carbon ore for battery storage technologies.

8.3-4
12.2

Materials & Waste

Koppers: Researching and making strategy recommendations related to one or more procurement projects, including approach to sustainable procurement and supplier engagement, engaging procurement et al stakeholders in sustainability, how to imbed ownership of sustainability into procurement, as well as research in best practices and execution of these.

7.2.1
7.a

Energy & Emissions

People's Gas: Taking a holistic look at renewable energy and data associated with energy intensity and emissions associated with various technologies, where are roadblocks to full electrification and roles for gas, as well as Western sustainability goals vs. Eastern industrialization and increasing emissions.

12.4, 12.8
13.2.2, 13.3

Transport... & Mobility

PITT OHIO: Researching and making strategy recommendations related to their customer logistics Carbon Calculator Model, and potential follow-up with Somerset project re. nature-based solutions for remediating acid mine drainage and gob piles.

12.5
12.5.1

Partners

S&B USA: Creating strategies to catalyze mutually beneficial and scalable public-private partnerships (P3) among infrastructure agencies in the region.

SMALL & MEDIUM COMPANY PROJECTS

7.2.1
13.3

Energy & Emissions

Ductmate Industries, Inc: Working on an Energy Neutrality Project, bolstering renewable energy use. By submetering the manufacturing unit, conducting comprehensive feasibility assessments for renewable (solar and wind) energy generation, and evaluating economic viability.

12.5
12.5.1

Materials & Waste

HarbisonWalker Int'l: Reducing waste through prevention, reduction, recycling, and reuse. Running business experiments to develop a viable business model to promote growth of recycled material sales.

6.1
11.6

Materials & Waste

PGH2O: Creating a baseline assessment of waste generation at major PGH2O facilities, understanding technical and human barriers to reducing, reusing, and recycling and developing recommendations to improve performance on these strategies.

12.2.1

Materials & Waste

Sloan Lubrication Systems: Conducting current and future lifecycle analysis focused on the use of carbon steel versus stainless steel. The carbon footprint, cost, workforce, and transportation will all be analyzed.

