

Climate Change Means Business

Addressing Your Organization's Risk



SUSTAINABLE PITTSBURGH

Our Region. Our Resources. Our Future.

Assessing Climate Risk at Your Business

Areas of Business Impacted



Pittsburgh Region Climate Impacts

- ▶ Temperature Increase
- ▶ Precipitation Increase
- ▶ Increased Extreme Weather Events
- ▶ Changes to Pests and Disease
- ▶ Air Quality Degradation
- ▶ Water Quality Degradation
- ▶ Changes to Agriculture
- ▶ Urbanization and Climate Migration
- ▶ Increased Mental Health Impacts



Climate Impacts

Increased energy costs

Higher insurance costs

Increased employee absences

New limitations to working outdoors

Supply chain and logistics disruptions

Increased risk of damage to buildings and equipment

More frequent interruptions to energy and water supply

Reduced availability of clean water as input

Decrease in water recreation and tourism

Changes to consumer behavior

Resources for Climate Action





- Friendly, 13-month competition for businesses, nonprofits, municipalities, and colleges / universities
- 103 organizations active in 2018 Challenge
- 2020 Challenge launches March 1





304 “main street” businesses
have engaged since 2011





SUSTAINABLE
PITTSBURGH
RESTAURANT

- 165 designated since 2015
- 144 currently designated
 - 40+ in process





SOUTHWESTERN PENNSYLVANIA
SUSTAINABLE BUSINESS COMPACT

- Framework for strategic sustainability and public disclosure
- Scores have achieved On Ramp



- Certification for Pennsylvania municipalities

- 105 certified

- 100+ in process



SUSTAINABLE PENNSYLVANIA
COMMUNITY CERTIFICATION



More climate resources

More Climate Resources

- ▶ **Commercial Property Assessed Clean Energy (C-PACE):** Energy efficiency and clean energy projects may be financed through a C-PACE loan repaid as an assessment on the property tax bill
- ▶ **Green Energy Loan Fund:** Loans and lease financing for efficiency retrofits, conservation measures and high-performance energy systems at PA businesses, nonprofits, local governments, multifamily residential and industrial companies
- ▶ **Pennsylvania Sustainable Energy Finance Program (PennSEF):** Technical and legal assistance, as well as low-cost capital, for energy improvement projects by municipalities, universities, schools, and hospitals
- ▶ **Weather 2050:** Projections for Pittsburgh and 14 other U.S. cities
- ▶ **Business Forward Report - Pennsylvania Companies Explain Climate Change and Severe Climate Risk:** Features 19 of the state's 20 Fortune 500 companies