

ADDRESSING SCOPE 1, 2 & 3 EMISSIONS

SCOPE
1

Direct emissions from owned or controlled sources

SAMPLE SOLUTIONS:

- ✓ Energy efficiency
- ✓ Electrification initiatives
- ✓ Renewable natural gas (Biogas)
- ✓ Carbon credits/project development
- ✓ Refrigerant switching

Commercial buildings could cut their GHG emissions by
70%
with efficient design and use of cleaner electricity¹



COMBUSTION IN BOILERS, FURNACES, OR VEHICLES OWNED BY AN ORGANIZATION

SAMPLE SOLUTIONS:

- ✓ PPA & VPPA
- ✓ Utility voluntary renewable programs
- ✓ Green retail supply
- ✓ Onsite renewables
- ✓ Community solar
- ✓ Energy efficiency
- ✓ Unbundled RECs/EACs

SCOPE
2

Indirect emissions from the generation of purchased electricity, steam, heating and cooling consumed by the reporting company

Over
300
companies have committed to RE100 goals²



PURCHASED ELECTRICITY

SCOPE
3

Emissions that are a consequence of an organization's activities but are not owned or controlled by the organization

For the Fortune 500 companies that report to CDP, Scope 3 emissions are on average approximately

5.7 TIMES
their combined Scope 1 and 2 emissions³

SAMPLE SOLUTIONS:

- ✓ Supply chain GHG reduction
- ✓ Carbon credits/project development
- ✓ Transportation electrification/decarbonization

UPSTREAM AND DOWNSTREAM TRANSPORTATION, BUSINESS TRAVEL, PRODUCT DISPOSAL



1. <https://www.aceee.org/press/2019/09/energy-efficiency-can-slash>
2. <https://www.there100.org/re100-members>
3. https://wwfint.awsassets.panda.org/downloads/power_forward_4_0.pdf