**Implementing Initiatives**

**Sources:**

Scope 1: Direct Emissions:

Fugitive emissions

Company vehicles

Scope 2: Indirect Emissions from Electricity

Electricity

Heat, steam or cooling

Scope 3: Value Chain Emissions: business travel, employee commuting, waste, purchased goods and services, transportation, end of life treatment products

**Employee training:**

+ Brief employees on existing company policies to follow

+ Share quantitative energy use and emissions targets

+ Advise employees about specific actions they can take such as:

+ Switch off lights

+ Turn computers off at the end of the day

+ Close doors and windows when the heating or AC is on

+ Monitor employee training and provide completion certificates

**Purchasing renewable energy:**

**Seek contracts with third-party renewables providers.**

- Solar, Wind, Water

+ Work with the grid company to secure a renewable energy supply

+ Install on-site renewable energy generation facilities, such as solar panels

+ Document the implementation to keep track of the amount of renewable energy

purchased and/or produced**.**

**Purchasing verified carbon offset credits**

1. Seek offset providers that fund climate action projects

-Plant trees

- Generate power from renewable sources

2. Document evidence of working with reputable carbon offset

programs. Use tools such as: Verified Carbon Standard, Gold.

Standard, Climate Action Reserve and American Carbon Registry ;

3, Negotiate directly with the emission reduction project developer

through an Emission Reduction Purchase Agreement.

**Fuel switching:**

Identify equipment or technologies that can be installed or retrofitted to increase energy efficiency

Record the impact of change in fuel consumption in terms of production output relative to the fuel consumed

Switch from oil to used vegetable oil

Switch from coal to natural gas or biomass. This helps reduce Scope 1 emissions.

Transportation:

Optime routes

Use electric/hybrid vehicles