Greenhouse gas (GHG) emissions from industry represents almost 30% of global GHG emissions and around 75% of that is energy-related.

With energy efficiency improvement, industrial energy use can be reduced by 40%.

**Mitigation Options**

**Increasing energy efficiency** of products and production e.g. steam systems, process heating systems (furnaces and boilers), and electric motor systems (e.g. pumps, fans, air compressor, refrigerators, material handling).

Adoption of **new energy production technology** e.g. carbon capture and storage.

**Transition to low energy sources**

Emissions related to industrial energy use can be reduced by around 90% through transition to low carbon fuels.

**Reuse, recycling and energy utilization of waste**

Approximately one tenth of all paper, a quarter of all steel, and a half of all aluminum produced each year is scrapped.

**Reducing yield losses** in materials production, manufacturing and construction.