

Unearthing the Environmental Impact of Human Activity: A Global CO₂ Emission Analysis

BUSINESS REQUIRMENTS

INTRODUCTION:

Carbon dioxide (CO₂) is one of the important green house gases (GHGs) emitted in the atmosphere through various human and natural activities. Emission of GHGs in the atmosphere leads to global warming which is one of the primary reasons behind the atmospheric changes that affect the human life directly or indirectly.

DATA REQUIRIES:

Analysis data:

Data of the analysis is required data from the year 1947 to 2020. This data base contains a record of CO₂ emission by each country and region of earth. Analysis the over all emission on CO₂ on earth

Based on the National Oceanic and Atmospheric Administration (NOAA) Global Climate Summary, it stated that combined land and ocean temperature since 1880 has increased with an average rate of 0.07 °C per decade. The temperature continues rising since 1981, with an average rate of 0.18 °C, which is over twice as massive as previous times.CO₂ also causes acid rain, which physically damages trees.

Emissions increased by almost 2.1 Gt from 2020 levels. This puts 2021 above 2010 as the largest ever year-on-year increase in energy-related CO₂ emissions in absolute terms. The rebound in 2021 more than reversed the pandemic-induced decline in emissions of 1.9 Gt experienced in 2020. CO₂ emissions in 2021 rose to around 180 megatonnes (Mt) above the pre-pandemic level of 2019.