

# SDG Indicator

## Renewable energy 7.2.1

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What is an SDG-indicator?

First off, we have to answer what SDG stands for and what it is. SDG is an acronym, it stands for sustainability development goals, these goals are meant to serve as a target to shape the world into a better place. There are 17 SDGs, each SDG has its own indicators hinting at the direction where the country is going in that area of social, economic or environmental improvement.

Problem statement:

The problem statement that fits with this SDG indicator, is the massive emissions of greenhouse gasses of which the most dangerous and well-known being carbon-dioxide, methane and carbon-monoxide caused by the use of fossil fuels, such as: coal, petrol and gas. A possible solution to these great greenhouse gas emissions is the investment and advertising of diverse ways of using renewable energy resources as these don't release harmful gasses into the atmospheres, are also way cheaper, and lastly last more than just a lifetime.

Research question:

What impact does transition to renewable energy resources from fossil fuels have on carbon emissions and energy accessibility in Central America, and how much have these effects changed over the past decades?

## Introduction:

Climate change is a really notable thing across the entire world, such examples are drastic changes in our weather. In this day and age, greenhouse gases are to blame for the changes in our climate, gases such as methane and carbon dioxide are released into the atmosphere upon breaking the chemical bonds of many fossil fuels we use on a day-to-day basis. However, we can't only blame chemistry for existing, as it is mostly our fault as humans for not making use of the healthier options for our beloved planet. However, to do that we would have to advertise making renewable energy sources a wide scale thing around the world and show others around the world the pros and not the cons of renewable energy, since it will have major a major impact on us humans and the way we live in the future, whether they are good or bad consequences, we won't know, we can only tell based off of studies and our own actions. Thats why we will be answering the question; What impact does transition to renewable energy resources from fossil fuels have on carbon emissions and energy accessibility in different regions in the world, and how much have these effects changed over the past decades? For the sake of the good of future generations.