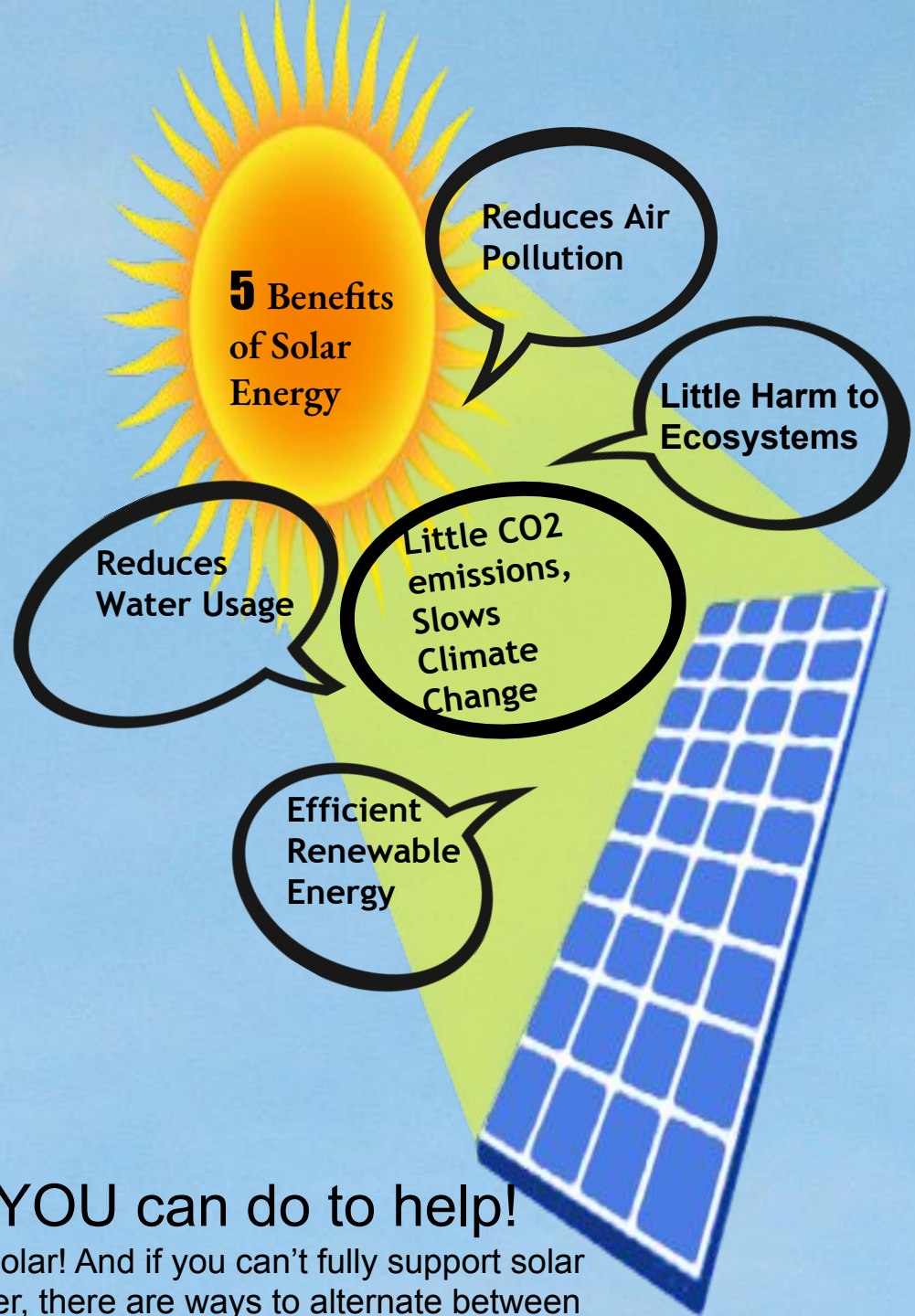


Reducing our Carbon Footprint: Renewable Energy



A typical solar farm



Issue to Tackle:

Growing threat of climate changes largely caused by fossil fuels and their emissions

The Challenge:

Finding efficient ways to provide energy, while at the same time reducing our carbon footprint.

The Solution:

Solar Power

It is flexible. It accumulates energy when sunlight is available and can store energy when it isn't

Economic Benefits:

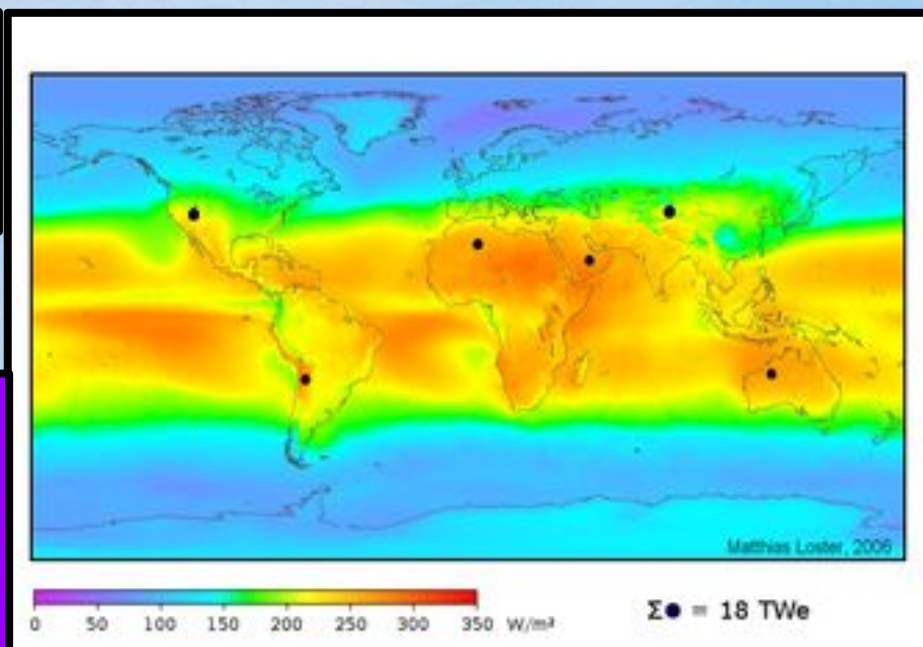
- Saves electricity costs. Once they are in place, they save money for the property owner.
- Creates jobs! In 2018, the solar industry hired over 242,000 people. These jobs can't be outsourced, so they will continue to grow each year.
- Solar energy does not harm surrounding ecosystems and habitats.

Alternative Sources of Renewable Energy:

- Wind Power (Turbines)
- Geothermal Energy
- Hydropower

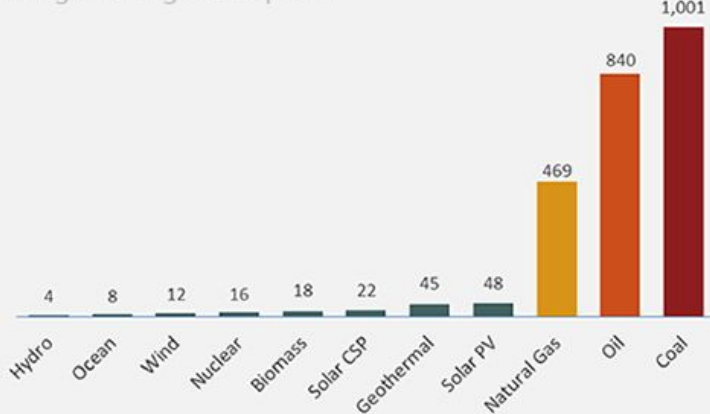


This map refers to the efficiency of solar power



The Carbon Intensity of Electricity Generation

All figures in g CO₂eq/kWh



A graph comparing carbon emissions of various energy sources.

Solar power is the overall best form of renewable energy should be widely adopted in order to counteract climate change and the problems caused by it.