

# Climate Change and Renewable Energy Report

The Intergovernmental Panel on Climate Change (IPCC), founded in 1988 by the United Nations, released its latest report in March 2023. The report, authored by leading scientists including Dr. Sarah Johnson from MIT and Professor Michael Chen from Stanford University, highlights urgent concerns about global warming.

Key findings show that global temperatures have risen by 1.1 degrees Celsius since 1850. The report emphasizes that immediate action is required to limit warming to 1.5 degrees by 2050.

Major renewable energy companies are responding to the crisis. SolarTech Industries, based in Phoenix, Arizona, announced a \$2 billion investment in solar panel manufacturing. The company's CEO, Maria Rodriguez, stated that they plan to double production capacity by 2025.

WindPower Global, headquartered in Copenhagen, Denmark, is developing offshore wind farms in the North Sea. The company collaborated with GreenEnergy Solutions from Berlin, Germany to create the largest wind farm in Europe, which began operations in September 2022.

The European Union passed the Green Deal Act in 2019, allocating €1 trillion for climate initiatives. China announced its carbon neutrality goal for 2060, while the United States rejoined the Paris Agreement in 2021.