

The shift towards cleaner and greener energy

2 years ago



The International Energy Agency (IEA) recently released its forecast for the global energy market, and the results are exciting for those looking for a cleaner, greener future. According to the IEA, almost all of the new electricity generation that will be installed through to 2025 will come from either renewable or nuclear energy sources. This means that by 2025, the majority of the world's electricity generation will come from clean, non-polluting sources.

This shift towards renewable energy is driven by several factors, including declining costs, technological advancements, and growing concerns over the impact of fossil fuels on the environment. In particular, wind and solar energy are experiencing exponential growth, with solar energy expected to account for 60% of new renewable energy capacity through to 2025. This is largely due to the dramatic reduction in the cost of solar panels and the increasing availability of large-scale storage solutions, which help to ensure that energy can be generated and stored when it is needed.

Nuclear energy is also expected to play a significant role in meeting the growing demand for electricity, accounting for more than 30% of the new capacity that will be added over the next three years. Nuclear power is a reliable, low-carbon source of energy that does not produce greenhouse gas emissions, making it an attractive option for many countries. However, there are ongoing concerns about the safety of nuclear power plants and the disposal of nuclear waste, which will need to be addressed as the world continues to expand its use of this energy source.

Despite the positive outlook for renewables and nuclear energy, there is still a long way to go in terms of transitioning to a low-carbon energy system. The IEA notes that the world needs to significantly step up its efforts to reduce carbon emissions, as the current trajectory is still not enough to limit global temperature

rises to 2 degrees Celsius. The agency is calling for increased investment in clean energy technologies, stronger policies to support the growth of renewables, and greater collaboration between governments and the private sector to drive the transition to a low-carbon energy future.

The IEA's latest forecast is a positive sign for those working towards a cleaner, greener future. Renewables and nuclear energy are expected to dominate the growth of global electricity production over the next three years, providing a much-needed boost to the clean energy sector. However, there is still much work to be done to ensure that the world is on track to meet its climate goals and transition to a low-carbon energy system. This will take continued effort and investment, but the signs of achieving these goals are certainly looking brighter.

Find out how your business could benefit from greener energy and a decarbonisation plan at:

www.neutralcarbonzone.com

Alan Stenson, CEO

Neutral Carbon Zone