

MONTHLY ZCA CLEANTECH NEWS



The Cleantech Insight You Need

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Growth in global electricity demand set to accelerate in the coming years as power-hungry sectors expand

The IEA forecasts that the world's electricity consumption will rise at its fastest pace in recent years, growing at close to 4% annually through 2027. Power demand is set to increase due to a range of factors, including electrification and rapidly increasing energy consumption from data centres. The growth in global demand will be the equivalent of adding an amount greater than Japan's annual electricity consumption every year between now and 2027. [Read more](#)

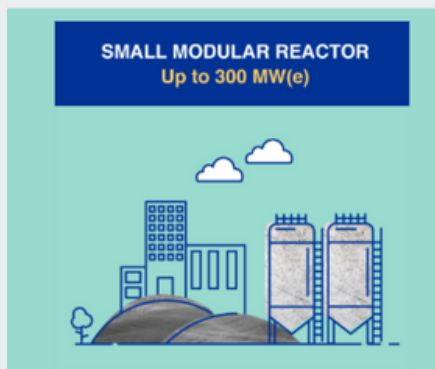
► SPOTLIGHT



Cleantech Rising Star 2024 award winners: 3ti

3ti specialise in the design, build, finance, and operation of solar car parks, which enable organisations to generate their own renewable energy both to subsequently power buildings and EV charge points. Alongside bespoke offerings, 3ti have created their Papilio3 V2X Fast Hub, a pop-up mini solar car park and electric vehicle charging hub. It combines local mains power with solar and is built around an upcycled shipping container which can be installed in under eight hours and fast charge 12 EVs at 7, 11 or 22kW simultaneously

Find out more <https://3ti.co.uk/>.



NEW ERA FOR NUCLEAR: UK TO DEPLOY SMALL MODULAR REACTORS

The UK Government claims it will 'rip up rules to fire-up nuclear power' as it seeks to decarbonise the grid by the end of the decade. Currently nuclear development is restricted to just eight sites across England and Wales, with the labour-led Government now seeking to change these planning restrictions to attract private investment into nuclear energy. [Read more](#)



IMO URGED TO AVOID PUSHING BIOFUELS AS A GREEN ALTERNATIVE FOR SHIPPING

NGOs and shipping giants have raised concerns that a push towards crop-based biofuels could see food security placed at risk and damage the environment. [Read more](#)