

Achievement in Transformational Infrastructure

Chaldal Grocery Delivery Network, Bangladesh

Based in Dhaka, Chaldal's grocery delivery network enables consumers to buy groceries and goods online or via their mobile. Chaldal's 'micro-warehouses' have transformed delivery times, bypassing real-estate and road network limitations, while the use of machine learning aims to further optimise storage space, predict demand and reduce wastage.

CleanMax / Tata Motors Rooftop Solar, India

Using a 'build-own-operate' business model, CleanMax Solar allows consumers to buy cheap and sustainable electricity on a per-kWh basis, with zero capital investment. In partnership with Tata Motors, this has led to the creation of a rooftop solar-powered auto plant in Sanand, Gujarat that saves 3 million rupees and 2,700 tonnes of carbon annually.

Fluence Energy Storage Programme, US

Fluence was formed by Siemens and the AES Corporation to create battery-based energy storage at a previously unattainable scale. Drawing upon the expertise, relationships and finances of its parent companies, Fluence has gained contracts for over 500MW of storage, aiding with energy costs, emissions reduction and resilience across 16 countries.

Nissan Energy Electric Vehicle Power Solutions, France

Nissan Energy is building strategic partnerships with start-ups and energy companies to solve two key challenges facing the uptake of electric cars -- firstly, providing electric vehicles with the capacity to integrate with the grid; and secondly, creating systems to remanufacture and repurpose lithium batteries that outlive the lifespan of their vehicle.

Wecyclers Entrepreneurial Recycling Force, Nigeria

The Wecyclers Entrepreneurial Recycling Force is a project that encourages unemployed youth to get involved in the waste industry. This helps to increase youth employment, promote sustainability, and combat climate change. To date, the project has diverted over 3000 metric tonnes of recyclable material from landfills.