

CLEANTECH

The purpose of developing clean technologies is to create products that are more efficient and cost-effective, to reduce the negative impact of fossil fuels on the environment and to improve the use of natural and renewable resources. Solutions may include but are not limited to:



CLEANTECH IN WATER & WASTEWATER MANAGEMENT

Encompass a range of dominant opportunities within the industry: monitoring forecasts, process controls, wastewater treatment, metals removal, spanning areas including clean water supply, water treatment, and water reuse.



CLEANTECH IN AGRICULTURE

Agricultural activity, land scarcity, climate change and malpractice call for innovation in employing technology to a conventional sector, in creating solutions incorporating innovative hardware and software, AI and IOT and spanning to sustainable agriculture, sustainable farming, precision agriculture, Agri-waste management.



CLEANTECH IN SOLID WASTE MANAGEMENT

Source reduction and recycling, disposal capacity and second material market, waste management, and transportation, using the energy content of waste, spanning across sustainable materials and packaging, circular economy, waste management.



CLEANTECH IN TRANSPORTATION

Innovation opportunities span from public transportation solutions to energy-efficient vehicles, the use of big data in transport management, smart car-sharing solutions, improving infrastructures, spanning across green transportation, Biofuels, emission reduction and fuel dependency.



CLEANTECH IN ENERGY

Opportunities to innovate lie in energy creation solutions (wind, solar, water, biomass), energy efficiency and optimization, resource management systems, spanning across renewable energy, energy efficiency, green buildings, smart grid, energy storage, carbon capture.