



CUTTING EDGE TECHNO SOLUTIONS

Delivering a Global Carbon Emissions Reduction Program on a Blockchain Circular Economy Platform

18 CLEAN TECHNOLOGY SECTORS

'Tapping into the \$1 Trillion-and-Growing per year Sustainable Clean Technology Manufacturing and Service Sectors'

We will tap into the 18 Clean Technology Sectors with CETS Subsidiaries as anchors within each Regional Biotech/Agroindustry Eco-Center development project offering the follow solutions:

- ❖ **Advanced Materials sector includes:** materials that improve durability and efficiency as well as decrease toxicity.
- ❖ **Agriculture and Forestry sector includes:** technologies, services, and related business models that contribute to more environmentally benign and sustainable agricultural practices and management of forests.
- ❖ **Air sector includes:** technologies, services, and related business models dedicated to removing active pollutants and greenhouse gases (GHG) from the air, after their release into the air.
- ❖ **Biofuels and Biochemical sector includes:** technologies, services, and related business models dedicated to the production of liquid fuels and chemicals from biomass.
- ❖ **Biomass Generation sector includes:** technologies, services, and related business models dedicated to the production of electricity, heat or solid fuel from solid biomass.
- ❖ **Conventional Fuels sector includes:** technologies, services, and related business models designed to improve the efficiency or generally lower the environmental impact of incumbent natural resource and energy industries including oil, natural gas, and coal.
- ❖ **Energy Efficiency sector includes:** technologies, services, and related business models designed to improve energy efficiency in buildings, data centers, built infrastructure, appliances, and consumer electronics.
- ❖ **Energy Storage sector includes:** technologies enabling the storage of energy, generally in mechanical, electrical, thermal, or potential (gravity) forms, over time for the later application to productive work.
- ❖ **Fuel Cells and Hydrogen sector includes:** companies and business models dedicated to the proliferation of fuel cells as a power source and hydrogen as a fuel.

- ❖ **Geothermal sector includes:** technologies, services, and related business models dedicated to the harvest of geothermal energy for heating and electric power production.
- ❖ **Hydro & Marine Power sector includes:** technologies, services, and related business models dedicated to the harvest energy from water, either as kinetic energy from moving water, thermal energy from temperature gradients, or through osmosis capitalizing on salinity differentials; and convert that energy into electric power.
- ❖ **Nuclear sector includes:** technologies, services, and related business models focuses on the cutting-edge innovation in nuclear power production, not traditional nuclear power plant designs.
- ❖ **Recycling and Waste sector includes:** technologies, services, and related business models contributing to the reduction, reuse, or recycling of waste streams.
- ❖ **Smart Grid sector includes:** technologies, services, and related business models aimed at bringing a century-old electric grid into the information age; typically, through the introduction of communications, monitoring, and control infrastructure to do things like increase system reliability and efficiency, enable active participation by utility customers, and integrate more diverse generation and energy storage assets with existing grid infrastructure.
- ❖ **Solar sector includes:** technologies, materials, services, and related business models enabling the harvest of solar energy for heating, lighting, or electric power production.
- ❖ **Transportation sector includes:** technologies, services, and related business models that enable the utilization of more sustainable transport options for people and goods.
- ❖ **Water and Wastewater sector includes:** technologies, services, and related business models that reduce the strains placed on the hydrologic cycle by expanding global population and industry while ensuring reliable access to clean water for domestic or industrial use.
- ❖ **Wind sector includes:** technologies, services, and related business models that enable the harvest of wind energy for electric power production.

