



Zillion Global Ventures

Green Ecosystem



Introduction

We are manufacturers and resellers of advanced, sustainable technologies designed to reduce environmental impact while delivering superior industrial performance.

At our core, we blend innovation with responsibility — creating intelligent energy, hydrogen, IoT, and efficiency-driven solutions that power industries toward a cleaner and more sustainable tomorrow.

Technology with Purpose. Performance with Responsibility.



Our Green Technology Portfolio

🔋 Lead Acid Battery Regeneration Systems

⚡ Hydrogen Fuel Cell Test Stations

☀️ Solar Energy Solutions

🚗 Engine Decarbonization Machines

📡 IoT Monitoring & Smart Energy Devices

🔒 Industrial Cyber Security Devices

☀️ Carbon credit trading

Integrated Clean-Tech & Intelligent Industrial Solutions



Lead Acid Battery Regeneration

We are India's first professional company specializing in Battery Regeneration Solutions. With our proprietary technology, we efficiently service a wide range of Lead Acid batteries across industries, enhancing their performance and extending their lifespan by 2-3 years. Our cost-effective and environmentally friendly solutions help reduce carbon footprints, contributing to a greener planet while addressing energy scarcity and environmental pollution.

RG-4X

High Quality Regenerator With Capacity To Process 4 Batteries At A Time, **Capacity:** 0 4 Batteries, **Battery Type:** Lead Acid Batteries 36ah to 400ah, **Dimensions:** (960mm × 406mm × 406mm), **Weight:** 56 Kg, **Warranty:** 2 Years, **Power:** 230V/50Hz (Single Phase), **Certification:** CE, ISO



Hydrogen Fuel Cell Test Station

Indian manufacturer of advanced hydrogen test infrastructure.

Specialization: Electrolyser Test Stations , Fuel Cell Test Stations, Balance of Plant (BoP) systems, Cell Voltage Monitoring System, Standalone Back Pressure Controller, Standalone Gas Humidifier Unit, Electrochemical Impedance Spectroscopy(EIS), IoT and analytics & Hydrogen Power Generator.

End-to-end capability : Design → Manufacturing → Installation → Commissioning → AMC **Position :** Government-backed, lab-integrated, customization-first Indian OEM, CSIR-NCL licensed technology + customization agility + India-first policy alignment , Price competitive Indian alternative & ISO Certified unit.

Aligned to : National Green Hydrogen Mission , Atmanirbhar Bharat , Make in India & Import substitution



Solar Products



Our Solar Product Range : **Solar Deepmal** – Traditional decorative lamp towers powered by solar energy, ideal for temples, gardens, and cultural spaces. **Solar CCTV** – Standalone surveillance system with 24x7 operation, perfect for remote or offgrid security. **Solar Mashal** – Heritage-style torch lights for pathways, resorts, and public areas. **Solar Animal Control Device** – Humane deterrent to protect farms, orchards, and property from wild animal intrusions. **Meghadambari of Chhatrapati Shivaji Maharaj** – Solar-powered cultural and historic display installations honoring Indian heritage. **100W to 1000W solar power generator**



Engine Decarbonisation

India's growing vehicle population, especially in industrial areas (MIDCs), faces serious challenges of engine carbon deposits, reduced fuel efficiency, and increased emissions. Engine de-carbonization is a proven method to restore engine performance, boost mileage, and lower harmful emissions – yet awareness and affordable services are lacking, particularly for smaller fleets and rural users. We propose to establish a Vehicle Engine De-Carbon & Fuel Efficiency Boosting Centre (Russian technology oil in association with zillion group solutions - joint research) in every MIDC, beginning with a pilot model, offering services for 2-wheelers, 3-wheelers, 4-wheelers, and heavy vehicles

IoT Edge Gateway

4GCAT1 Gateway is a next-generation Industrial IoT Edge Gateway designed to seamlessly connect field devices, sensors, and machines to cloud platforms using high-speed 4G LTE connectivity. Built for rugged industrial environments, it enables secure, reliable, and real-time data transmission for smart manufacturing, remote monitoring, and automation applications.

Engineered with industrial-grade components, 4GCAT1 acts as a bridge between OT (Operational Technology) and IT systems, ensuring smooth integration of PLCs, RTUs, energy meters, and smart sensors with enterprise dashboards and analytics platforms.



Cyber Security

Traditionally, cybersecurity is seen as digital protection.

But in the modern ESG-driven world, Cyber Security is also an Environmental Responsibility Tool.

Device sits in between Router and network ,applies high level security against Inbound and outbound threats. Prevent your company / business from financial penalties , Damaged reputation , legal consequences , Operational disruptions , Loss of business and increased scrutiny. **Target clients** : MSME's , Banks , schools , colleges , Solar & wind parks , IoT Systems , Smart grids, Industrial automation systems, EV charging networks etc.



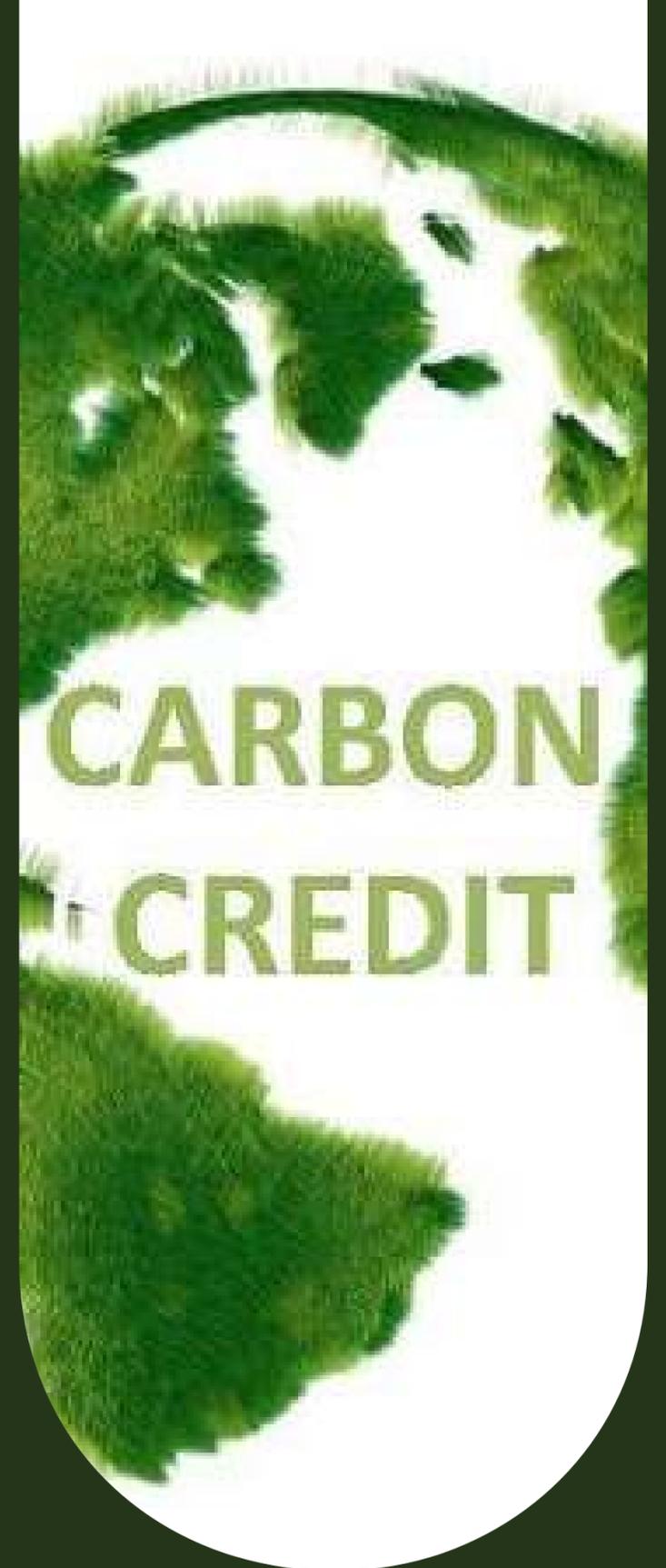
Carbon Credit services

We help businesses convert sustainability into measurable revenue through verified global and domestic carbon credit solutions.

From project identification to certification and trading, we manage the complete lifecycle. Our network connects Indian industries to global voluntary and compliance markets.

We ensure transparency, regulatory alignment, and maximum credit realization.

Turn your carbon reduction into a competitive financial advantage.



Our Team



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Thank You

"Advanced Technology. Responsible Future."



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