



TERRA CELL TECH LLP[®]

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Terra Cell Solutions Brief

1. Company Overview

Terra Cell Tech LLP is a Delhi-NCR based venture focused on lithium-ion battery recycling, trading and engineering solutions, aligned with India's circular economy and net-zero goals.

We address the fast-growing challenge of end-of-life (EOL) lithium-ion batteries and e-waste by combining process engineering, compliant operations and structured trading/import–export capabilities.

2. Core Recycling & Engineering Solutions

2.1 Li-ion Battery Recycling

- Safe, formal collection and handling of spent Li-ion batteries from EVs, stationary storage and electronics.
- Controlled discharge, dismantling and shredding to generate high-quality black mass and separated metals.
- Strong focus on regulatory compliance with Battery Waste Management Rules, EPR, hazardous-waste and pollution-control norms.
- ESG-driven process design, with emphasis on worker safety, environmental protection and full traceability.

2.2 Process Design & Optimisation

- Development of mechanical processing and separation flowsheets tailored to Indian feedstock and policy context.
- Roadmap towards advanced hydrometallurgical and direct-recycling routes for battery-grade material recovery.
- Built-in quality assurance and lab testing for black mass, recovered metals and graphite.

2.3 B2B Reverse-Logistics & Material Offtake

- Design and implementation of reverse-logistics solutions for OEMs, fleet operators, recyclers and e-waste companies.
- Long-term offtake arrangements for black mass and recovered materials, aligned with partners' capacity and quality requirements.

3. Import–Export and Trading Solutions

3.1 Structured Trading Model

Within the ambit of its registered objects, Terra Cell Tech trades a wider basket of goods, including:

- Batteries, battery packs, energy-storage systems and recycled battery materials.
- Electronic and electrical equipment, machinery and components.
- Related industrial and consumer goods, both online and offline.
- Consumer goods supplied to retail outlets and e-commerce platforms.

3.2 Import–Export Capability

- Partnership with a licensed import–export consultancy to manage cross-border movements.
- Competitive sourcing and supply of materials, equipment and selected consumer/industrial products.
- End-to-end documentation and compliance with customs and relevant regulations.

3.3 Value for Partners

- Reliable access to feedstock and materials for recyclers and processors.
- Competitively priced inputs, equipment and selected goods for manufacturers, integrators and distributors.
- Support in reducing supply-chain risk and improving resilience in battery- and electronics-linked value chains.

4. Collaboration Opportunities

Terra Cell Tech is actively seeking:

- B2B partnerships with OEMs, recyclers, e-waste companies, logistics partners and energy-storage players.
- Strategic advisory and technical collaboration with subject-matter experts in Li-ion recycling, hydrometallurgy, e-waste and circular economy.
- Import–export and trading relationships with distributors, aggregators and retail/e-commerce partners.

We are open to structured pilots, joint ventures, technology co-development and long-term supply or offtake agreements.

5. Contact

For partnership, collaboration or supply enquiries, please contact:

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