

Transforming Waste into **Advanced** Materials

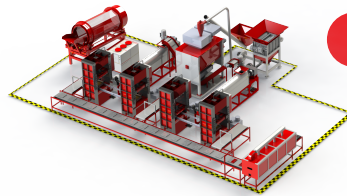
About Us

We are Saltech Design Labs Pvt. Ltd., a Startup India (DPIIT) recognized entity **developing innovative technologies and sustainable solutions in waste recycling, construction and renewable energy domains.**

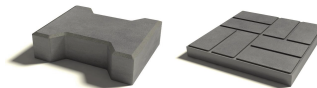
We have been awarded by Hon. Prime Minister Shri. Narendra Modi for winning in Affordable Sustainable Housing Accelerator (ASHA - India) organized by WRI & BMTPC, Ministry of Housing & Urban Affairs (MoHUA), Government of India.

Our patented "**Advance Recycling Technology**" transforms post-consumer single use plastics along with industrial wastes (Minerals, Flyash, Foundry Sand, Quarry dust, Recycled aggregate from C&D) into a high-performance polymer composite building material. Our sustainable composite material is affordable, with better properties as compared to cement concrete precast products such as block, brick, tiles, etc. which are used for pavements, flooring, retaining walls, roads and various other applications.

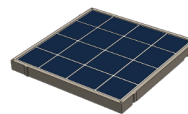
Our Offerings



- 1 Advance Recycling Technology**
Custom Waste Processing Solutions for Industries & ULB.



- 2 Composite Building Products**
High Performance, Eco-Friendly & Circular Products



- 3 Carbon Negative Building Integrated Photovoltaics (BIPV) technology**
Solar Paver Tiles & Facades

Building a Greener Legacy



2 Lakh+ kg
Reduction in Plastic Pollution



28 Lakh+ kgCO₂e*
Reduction in GHG/Carbon Emissions



3 Lakh+ kg
Reduction in C&D/Industrial Pollution



51,694 Liters*
of vital water resources successfully conserved



16 Lakh+ kWh*
Reduction in Energy Consumption



15 ~ 18 Direct **65 ~ 140 Indirect**
Empowering through green jobs

*Baseline calculation as per Life-Cycle Assessment report of Saltech's composite material and Waste Reduction Model (WARM) v16 by USEPA

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