



GREEN PLANET TECHNOLOGIES

CIRCULAR ECONOMY | CLEAN ENERGY | PLANET FRIENDLY | NET ZERO

Company Profile

Net Zero circular economy engineering — from concept to creation,
installation, commissioning and operation

Green Planet Technologies Pty Ltd

Reg. No. K2025943399 · South Africa

38 Douglas Place, Bedfordview 2008, South Africa

info@green-planet.tech | sureshmir@green-planet.tech | www.green-planet.tech

Promoter & Founder: Suresh C. Mirchandani

WHO WE ARE

Heavy industry, reborn green

Green Planet Technologies Pty Ltd (Reg. No. K2025943399) is a circular economy, clean energy, planet-friendly organization with Net Zero ambition. We turn industrial waste streams into energy, materials, fuel, building materials, clean water and living land.

The organization is founded by promoter Suresh C. Mirchandani, who brings a strong footprint and expertise in metals, ores, minerals, steel, biomass energy, various wastes, renewable energy generation & storage, and water & air treatment plants.

VISION

To be a global leader of the circular economy — where every waste stream feeds a new value chain and heavy industry runs in balance with the planet.

MISSION

To deliver concept-to-commissioning sustainable engineering: steel and metals recycling, renewable generation & storage, waste-to-energy, air & water treatment, green building materials and land restoration — installed, commissioned and operated by one accountable partner.

HOW WE DELIVER

One partner. Every stage.

Green Planet Technologies offers consultancy from concept to creation, followed by installation, commissioning and operation. Every plant is engineered as a medium to large capacity installation, sized to your feedstock, site and product offtake.

01**Concept**

Feasibility, feedstock assessment, technology selection and project structuring.

02**Engineering**

Detailed design, process engineering, equipment specification and procurement support.

03**Installation**

Site execution, erection and integration of all plant systems.

04**Commissioning**

Cold and hot commissioning, performance trials and handover documentation.

05**Operation**

Long-term operational support, optimization and capacity ramp-up.

WHAT WE ENGINEER

24 technologies. 7 categories.

METALS & STEEL

- Scrap Metal & Iron Ore Steel Plants
- Metal Waste to Carbon, Alloy & Stainless Steel
- Aluminium Scrap to Ingots, Sections & Conductors
- Copper to Rolled Conductors & Tubes
- Ferro Alloys Smelting (Fe, Mn, Cr)

ENERGY & STORAGE

- Waste Heat Recovery Power Plants
- Thermal, Solar CSP, Syngas, Biogas & Biomass Power
- Thermal / Compressed Air / Liquid Air / CO2 Batteries

AIR & WATER

- Air Separation Plants — Oxygen, Nitrogen, Argon
- Fume Extraction, Bag Filters & Air Pollution Control
- Water & Wastewater Treatment Plants

GREEN BUILDING

- Green Bricks & Blocks
- Engineered Cast Profiles & Sections
- Green Cement

WASTE TO ENERGY

- Waste to Biogas, RNG, CBG & CNG
- Gasification of Tyres, Plastic & Biomass to Syngas
- Tyre to TDF, Carbon, Crumb Rubber & Moulded Products

BIO PRODUCTS & ALGAE

- Liquid & Solid Organic Fertilizer, Biogenic Carbon
- Micro Algae — Spirulina, Chlorella, Nanochloropsis
- Biomass to Pellets, Biochar, Torr & Bio Coal
- Biomass to Methanol & Ethanol
- Biomass to SAF (Aviation Fuel)

MINE RESTORATION

- End-of-Life Mines to Solar & Wind Power Plants
- Bioremediation of Mine Land to Agriculture Land

OUR COMMITMENT

Every year counts on the road to 2050

The global Net Zero deadline is 2050. On the Green Planet Technologies website, a live Net Zero clock replaces hours with years — 2026 to 2050 — counting down in real time. Every plant we engineer buys the planet time: steel recycled, carbon captured, waste converted, buildings decarbonized and land restored.

SEE THE LIVE NET ZERO CLOCK

www.green-planet.tech

CONTACT

Let's engineer your Net Zero project

COMPANY REGISTRATION

K2025943399 (South Africa)

OFFICE

38 Douglas Place, Bedfordview 2008, South Africa

GENERAL ENQUIRIES

info@green-planet.tech

DIRECT — SURESH C. MIRCHANDANI

sureshmir@green-planet.tech

WEBSITE

www.green-planet.tech