



# WASTE-TO-PRODUCT STARTER PACK

How to Turn Plastic Waste into  
Commercial Infrastructure

## WHY THIS MATTERS

1

Most organisations pay twice:

- Disposal costs for plastic waste
- Procurement costs for new materials

2

Closed-loop manufacturing removes this duplication by converting plastic waste into products your organisation already purchases.

3

This starter pack outlines how to identify quick wins and begin a pilot within 30–90 days.



# WHAT CLOSED LOOP ACTUALLY MEANS

Closed loop =

Waste Stream → Processing → Product Manufacturing  
→ Procurement Replacement → Reporting

It is not just recycling.

It is procurement transformation.

## QUICK START FRAMEWORK



### Step 1: Identify Waste Streams

- Packaging plastic
- Damaged plastic materials
- Wrap, strapping, offcuts
- Operational plastic waste

### Step 2: Identify Procurement Categories

- Formwork sheets
- Site barriers
- Survey pegs
- Hoarding panels
- Warehouse shelving
- Civil infrastructure items

### Step 3: Match Waste to Product

Map plastic types to viable product categories.

### Step 4: Pilot Run

Small batch manufacture → trial deployment → performance review → scale.

# Typical Outcomes

- Landfill diversion (measurable kg)
- Reduced replacement frequency
- ESG reporting integration
- Long-term procurement savings



Fast Turnaround



Made with 100% recycled plastic

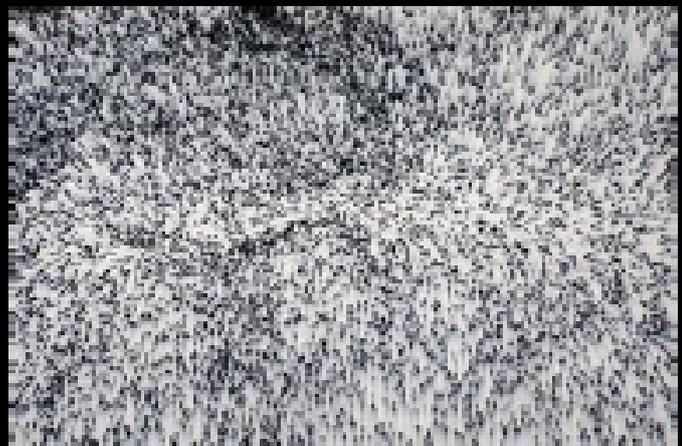


Recyclable at end of life

## Next Steps

We typically start with:

- 15-minute discovery call
- Waste stream overview
- Product shortlist
- Pilot quote



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