



**CYNOSURE**  
RECYCLING PRIVATE LIMITED





**Think Globally  
Act Locally!**



**COMPANY  
PROFILE**

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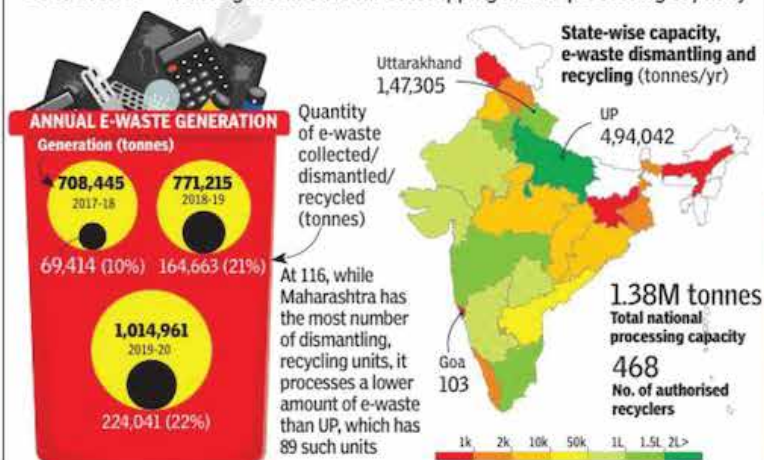
# NEED OF INITIATIVE BY FACTORIES LIKE, CYNOSURE

## REFUSE AN OPPORTUNITY WE CAN'T LOSE

India's waste management crisis is a multifaceted problem. Poor practices are not only leading to a wastage of limited resources, but also contributing to environmental degradation. A look at how much waste India generates in key areas

### E-WASTE | Future Shock?

Though e-waste collection and recycling is increasing – it grew 220% from 2017-18 to 2019-20 – waste generation is far outstripping India's processing capacity

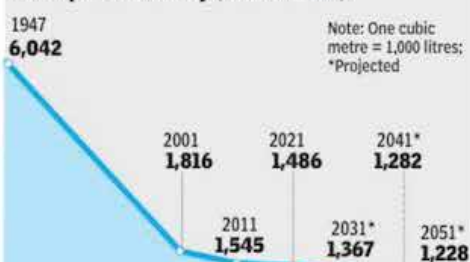


### GROUNDWATER | Extraction Pains

India's declining per capita water availability and unsustainable groundwater extraction make circularity essential in the water sector



#### Per Capita Availability (cubic metres)



### PLASTIC | Choke Hold

Less than half of India's plastic waste is recycled but waste generation keeps growing

**34.7L tonnes**  
Total plastic waste per annum

**15.8L tonnes**  
Total plastic waste recycled per annum

**1.7L tonnes**  
Total plastic waste co-processed in cement kilns per annum

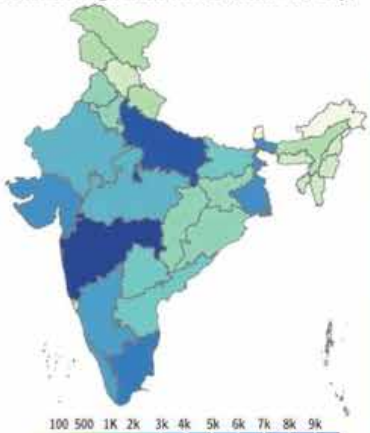


Across the 6,965 geographical units (blocks, talukas or tehsils) assessed by the Central Ground Water Board, groundwater is being extracted at an unsustainable rate in 2,441 units as of 2020. In 1,114 'over-exploited' units, groundwater extraction substantially exceeds (more than 100%) the annually replenishable groundwater recharge

### SEWAGE Resource Drain

Nationally, less than a third of India's sewage is treated, with more than 72,000 million litres generated every day

**Total Sewage Generation (million l/day)**



Among the states, Punjab and Haryana have the highest rate of sewage treatment at 72% and 71%, respectively. The next highest state is Gujarat at 54%. In Kerala, Jharkhand and Tripura, just 1% of sewage is treated. In 11 states, less than 20% of sewage is treated

### AGRICULTURE | Stubble Trouble

India loses crores of rupees every year to poor agricultural practices. Most of the losses come from a lack of equipment and storage, but stubble burning in north India is perhaps the most glaring example of poor waste management

**500 million tonnes**  
Crop residue generated per year

**20 million tonnes**  
Rice stubble produced every year in Punjab



### FOOD | 'Junk' Problem

**50kg**  
Per capita food wastage in India annually, according to the Food Waste Index Report 2021. That amounts to a total food loss of 68.7 million tonnes yearly

UN's Sustainable Development Goal 12.3 calls for halving of per-capita global food wastage at the retail and consumer levels and reducing food losses along the production and supply chains

**₹92,000 Crore**  
Estimated value of post-harvest losses in India in 2014, per a World Resources Institute India report. India was 94th out of 107 countries in the 2020 Global Hunger Index

Studies undertaken by ICAR in 2005-07 and 2012-13 showed that, on the whole, the losses were lowest for dairy and cereals and highest for oilseeds, followed by fruits and vegetables

#### Losses in the harvest and post-harvest operations (% of production)

Item	2012-13
Cereals	4.7-5.6
Pulses	6.4-8.4
Oilseeds	6.7-15.9
Fruits	3.1-9.7
Vegetables	4.6-12.4

Source: ICAR; Environment ministry

# ABOUT

## CYNOSURE RECYCLING PRIVATE LIMITED

Cynosure Recycling Private Limited is an India Waste Management startup based out in Meerut, Uttar Pradesh. Cynosure Recycling was founded in 2021 by Mr. Arvish Malik, a young entrepreneur in the Waste Management sector, with a vision to provide clean and sustainable E-waste disposal across the country. Cynosure Recycling has conducted multiple feasibility and market researches before starting its operations in November 2020.

Recycling is an essential element of e-waste management. We are UPPCB authorized recycling company, committed to offer scientific, regulated e-waste recycling solutions and support the businesses and consumers to maximize recycling, increase the recovery rate of valuable materials and thus conserve our precious and limited natural resources. At Cynosure Recycling we are committed to contributing to a sustainable environment through an efficient and safe management of e-waste.

Our transparent and efficient processes ensure that we are able to provide the most optimal value and solutions for our customer's e-waste management needs arising from the applicable rules and regulations.

Our Company is driven by a strong customer-focus, professional practice, company-wide commitment to quality and service. We believe, this practice will lead us towards attaining our stated vision and mission.

### **EPR SERVICES**

PAN India Reverse Logistics Network, Strong team to manage EPR Compliances, E-Waste Awareness and Collection Program, Sustainable Recycling

### **MATERIAL COLLECTION**

PAN India Material, Collection, Flexible option for materials collection requests, Full Logistics Support

### **ASSET DISPOSITION**

Capability to manage 45MT daily, Consistent processes, Granular mass-flow reporting, Continuous efficiency improvement

### **DATA SANITIZATION**

Capable of erasing hard drives including SCSI, SATA, SAS, SSD, etc., Sanitization standards as per NSIT protocols, On-Site Data Sanitization

### **OUR TEAM & SUPPORT**

Strong team of Customer Support Services, Business Development Team, Compliance Team and Marketing Team



# WHY

## CYNOSURE RECYCLING PRIVATE LIMITED



The infrastructure of Cynosure Recycling Private Limited meets the industry benchmarks with its most modern machinery installed and strictly adhering to the environment friendly disposal practices set by Indian regulatory bodies.

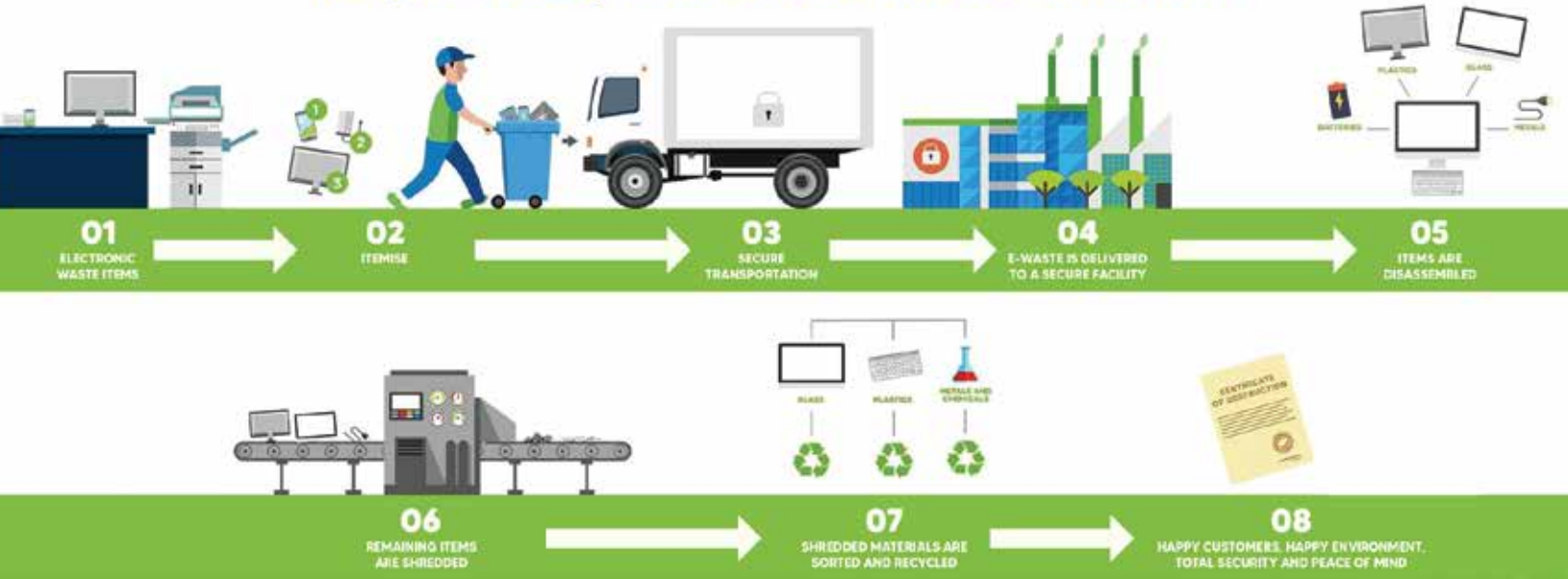
We strive to continually meet high environmental and recycling standards and efficient recycling technologies.

We help businesses in managing their end-of-life IT hardware disposal, data sanitization services in a compliant responsible and environment friendly way.

We are committed to pursue technically sound process to derive the best recovery of the components of the electronic waste as well as ensure traceability from the waste supplier to our end client.

# PROCESSING OVERVIEW

Recycle Today for a Better Future Tomorrow

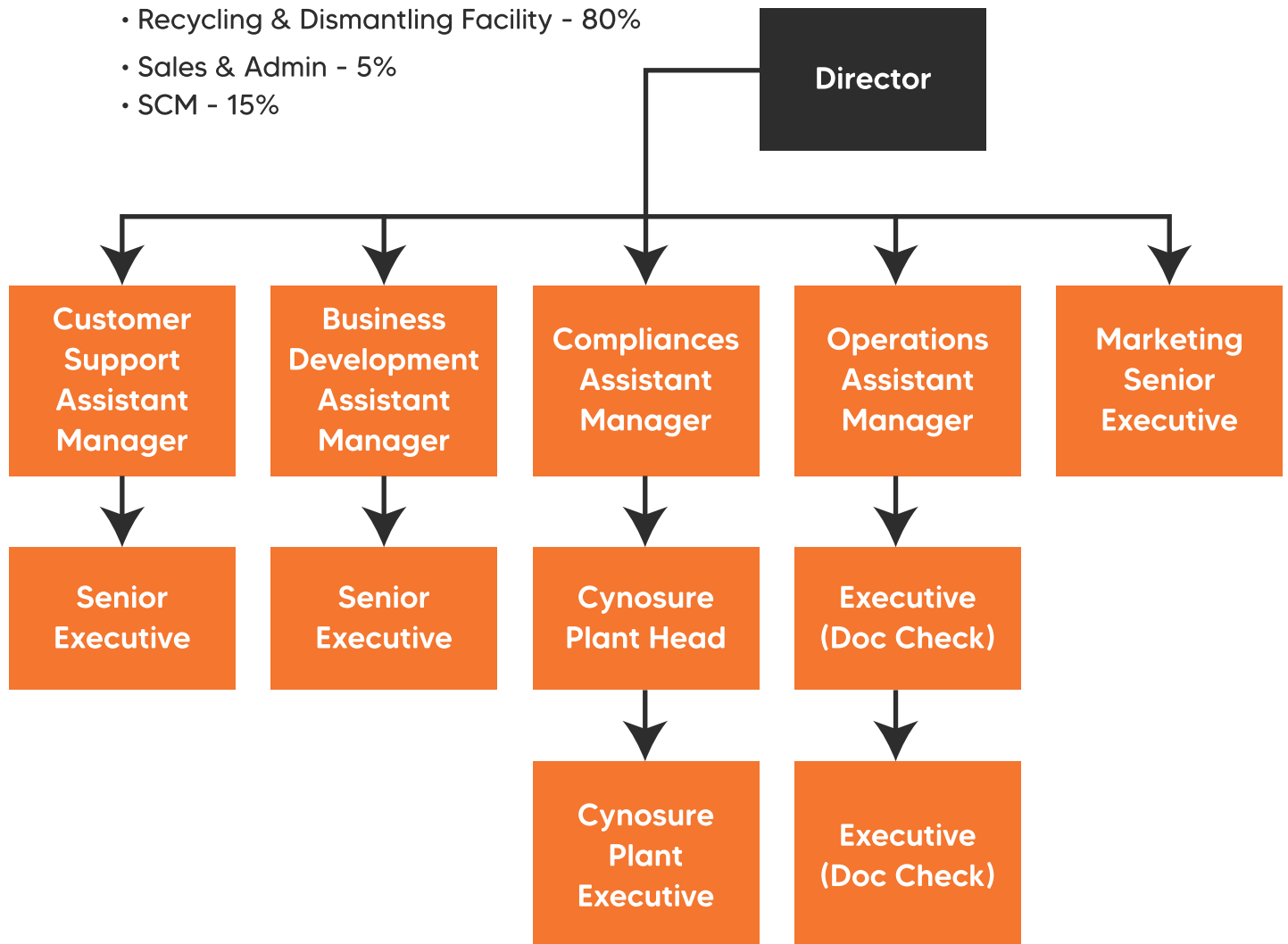


# ORGANIZATION CHART



## Manpower Ratio

- Recycling & Dismantling Facility - 80%
- Sales & Admin - 5%
- SCM - 15%







# **FACILITY**

## **OVERVIEW**





**DISMANTLING LINE**



**AUTOMATED CHOPRESSOR CUTTING MACHINES**





**ID FANS & DUCTING LINES**



**HEAVY MATERIAL DISMANTLING AREA**



**RECEPTION**



**MUTIPURPOSE SHREDDER**





**COMPONENT RECOVERY MACHINE**



**GAS RECOVERY AREA**



**MATERIAL STORAGE AREA**



**COMPRESSOR OIL RECOVERY MACHINE**



**MATERIAL STORAGE AREA**





**HAZARDOUS WASTE ROOM**



**ETP**





**GREEN BELT**



**GREEN BELT**





**DUST COLLECTION SYSTEM**



**CYCLONE AND WET SCRUBBER**



**FURNACE**



**DIRECTOR ROOM**





**ENTRANCE**



**FRONT VIEW**



**LEFT SIDE VIEW**



**RIGHT SIDE VIEW**



**STAFF PARKING AREA**



**EMERGENCY ASSEMBLY AREA**





**SECURITY**



**UTILITIES**



**DEDICATED STORAGE AREA**




**OUR TEAM**



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