

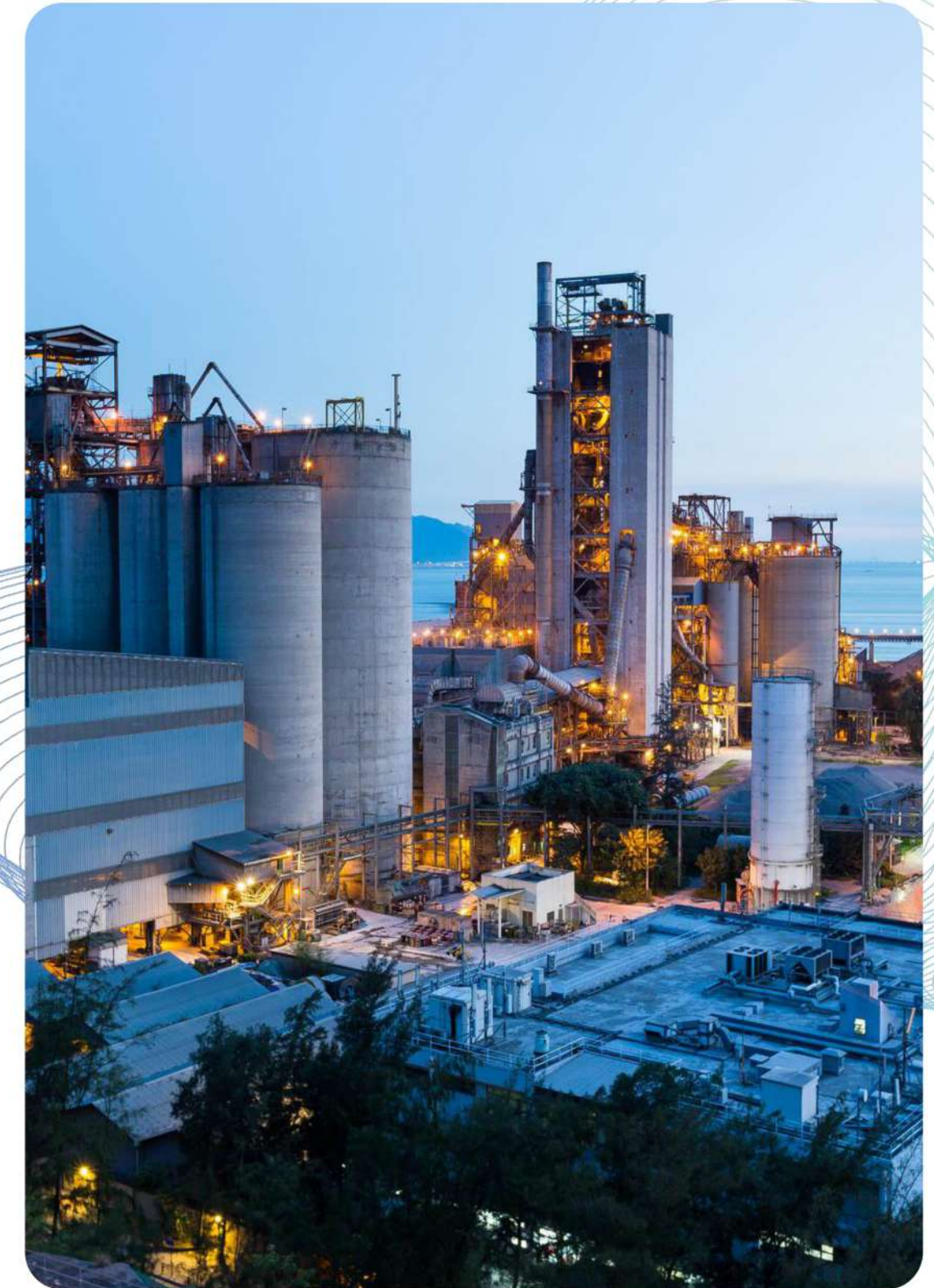


SOKA



ABOUT COMPANY

Established in 2018, RSPL Group's Soda Ash Division was created with a visionary approach. Recognizing the industry's vast opportunities, it ensures a steady supply of high-quality soda ash to meet market demand. This division embodies RSPL's commitment to innovation, sustainability, and excellence, significantly contributing to the Group's overall growth.



SODA ASH DENSE



Overview:

Soda Ash Dense, a high-density form of Sodium Carbonate (Na_2CO_3), is designed for industrial processes demanding greater bulk density and structural integrity. Its robust granulation makes it suitable for applications requiring minimal dust generation and superior flowability.

Key Features:

- High bulk density for improved storage and transport
- Low dust generation for cleaner handling
- Superior flowability and granulation
- High chemical stability and consistent performance







Applications:

1. Glass Manufacturing: A critical raw material for producing flat glass, float glass, and container glass.
2. Detergent Industry: Enhances cleaning power and acts as a water softener.
3. Chemical Processing: Used in the production of bicarbonates, silicates, and phosphates.
4. Metallurgy: A flux in metal refining and recycling processes.
5. Other Industrial Uses: Found in the manufacture of ceramics, dyes, and textiles.

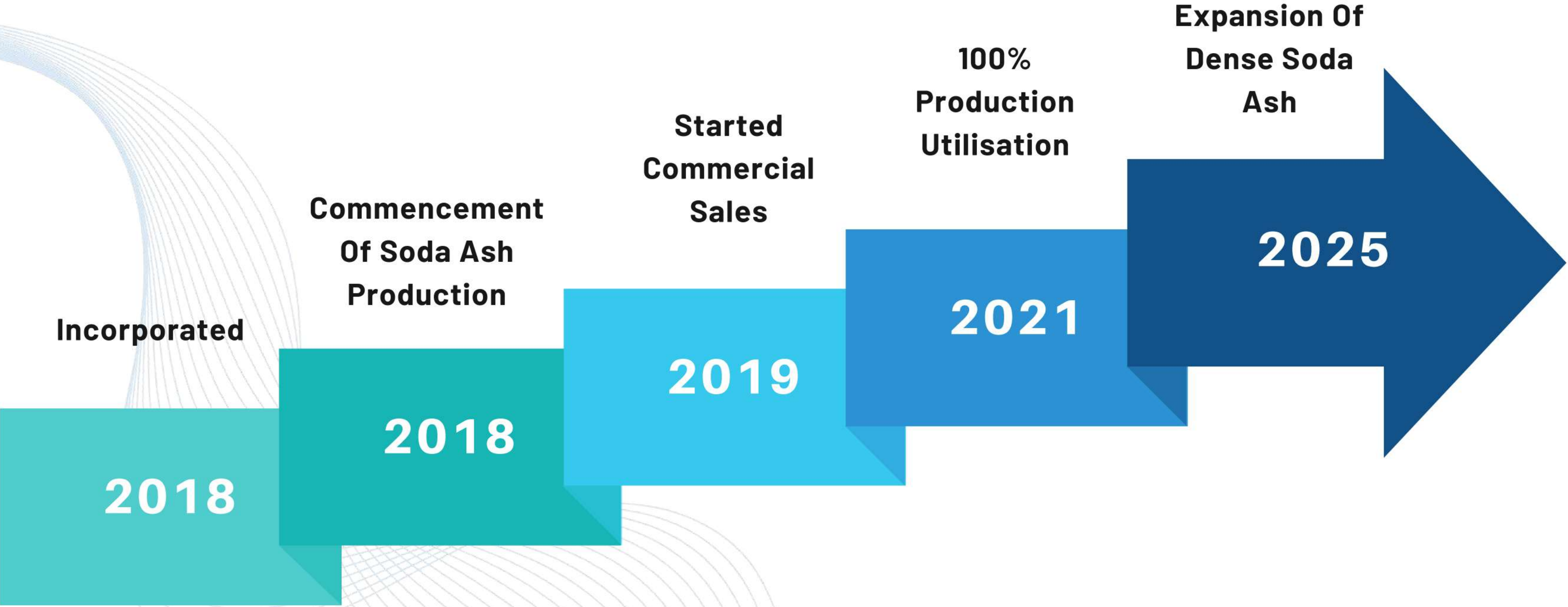
Packaging:

Available in 25 kg, 50 kg bags, or customized jumbo bags for bulk requirements.

OUR STRENGTH

					
Latest Technology Latest Technology Production Capacity 5 lac Per Annum	250 + We are serving more 257 locations in India	1000+ More than 850 satisfied customers	11+ DEPOTS We operate from a network of over 11 strategically located depots to ensure prompt serviceability	50 + Our global recognition extends to over 50 countries, where we are widely accepted and respected.	Our family continues to grow, now comprising over 1700 + members and counting, with each passing day

MILESTONE



BASIC FEATURES OF OUR PLANT

Technology Partners

NIOCHIM (State Research and Design Institute of Basic Chemistry), Kharkov, Ukraine

Engineering Partners

Jacobs Engineering (Worley Parsons), Mumbai, India

Agile Project Execution

- Stream 1 mechanically completed and commissioned in 28 months (October 5, 2018)
- Stream 2 completed in 36 months (March 31, 2019)
- Construction Zero Date: May 11, 2016

Strategic Location

- Proximity to key raw materials via highways, railways, and ports
- Compliance with environmental aspects due to strategic location

Unique Modular Layout

- Capability of expanding more than 3000 tons per day
- 1600 acres acquired to develop a state-of-the-art inorganic chemical complex

Modern Chemical Plant

- Located on the west coast of Gujarat
- Capacity of 500,000 MTPY (1500 TPD) soda ash
- 50 MWH x 450 TPH co-generation captive power plant for internal steam and power needs

BASIC FEATURES OF OUR PLANT

Certifications

- Quality Management System (ISO 9001:2015)
- Environment Management System (ISO 14001:2015)
- Health and Safety Management System (ISO 45001:2015)
- REACH compliance

Salient Features

- Modified dry lime process for soda ash manufacturing
- Quickest possible plant capacity utilization
- Energy-efficient vertical lime kilns

Water Management

- Sea water polishing using Reverse Osmosis
- SWRO: 290 m³/hr for drinking, service, fire water
- BWRO: 150 x 2 m³/hr for process purge, DM
- Nano water: 160 x 2 m³/hr for brine preparation
- DM plant: 85 x 2 m³/hr for boiler, compressor feed

Energy Efficiency

- Specific energy consumption per ton of soda ash is 10-12% lower than competitors
- Energy cost contributes 40-60% to variable manufacturing cost

Mechanized Raw Material Handling Systems

- Efficient dust collection/suppression systems
- Extensive use of non-metallic piping in corrosive environments to ensure product quality

UNIQUE FEATURES SEA WATER INTAKE AND DISCHARGE

01

Sea Water Intake System

- 750 m long micro-tunneling with two parallel pipes (2m dia each) for sea water intake
- Intake lines extend 1.4 KM into the deep sea

02

Intake Pond

- Trapezoidal pond housing 12 pumps (8 high head, 4 low head) to support expansion plans up to 3000 TPD
- For current 1500 TPD capacity, 4 high head and 2 low head pumps installed
- Pump capacity: 600,000 m³ per day for effluent dilution

03

Cooling Water and Effluent Pipes

- 2m diameter, 2.5 KM long pipe for plant cooling water
- 1.1m diameter pipe dedicated for effluent dilution

04

Sea Water Outfall System

- Two 2m diameter HDPE pipes laid in the sea bed, 1.2 KM long with diffusers at the ends

05

Effluent Dilution

- Effluent diluted about 70 times volume
- Compliance with environmental norms for pH, ammoniacal nitrogen, TSS, and temperature



SOKA'S FUTURE PLAN



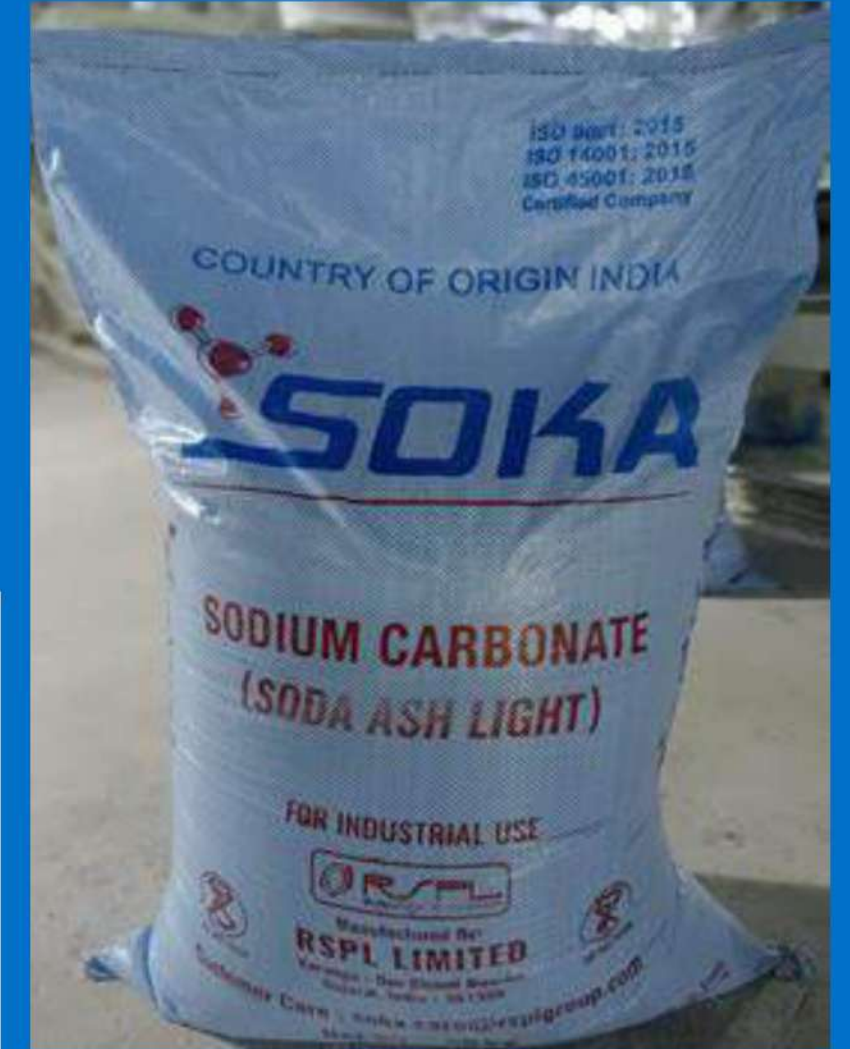
Expansion of **Light soda** ash
up to 2250 TPD (Phase-1)+ up
to 3000 TPD (Pahse-2)



Dense Soda ash plant-
770 TPD (Phase-1)+770
TPD (Phase -2)



Food Grade **Refined Sodium**
Bicarbonate Plant-200 TPD
(Phase -1)+ 200 TPD (Phase-2)



PACKAGING

Sales Office



 **Gurgaon**

 **Kanpur**

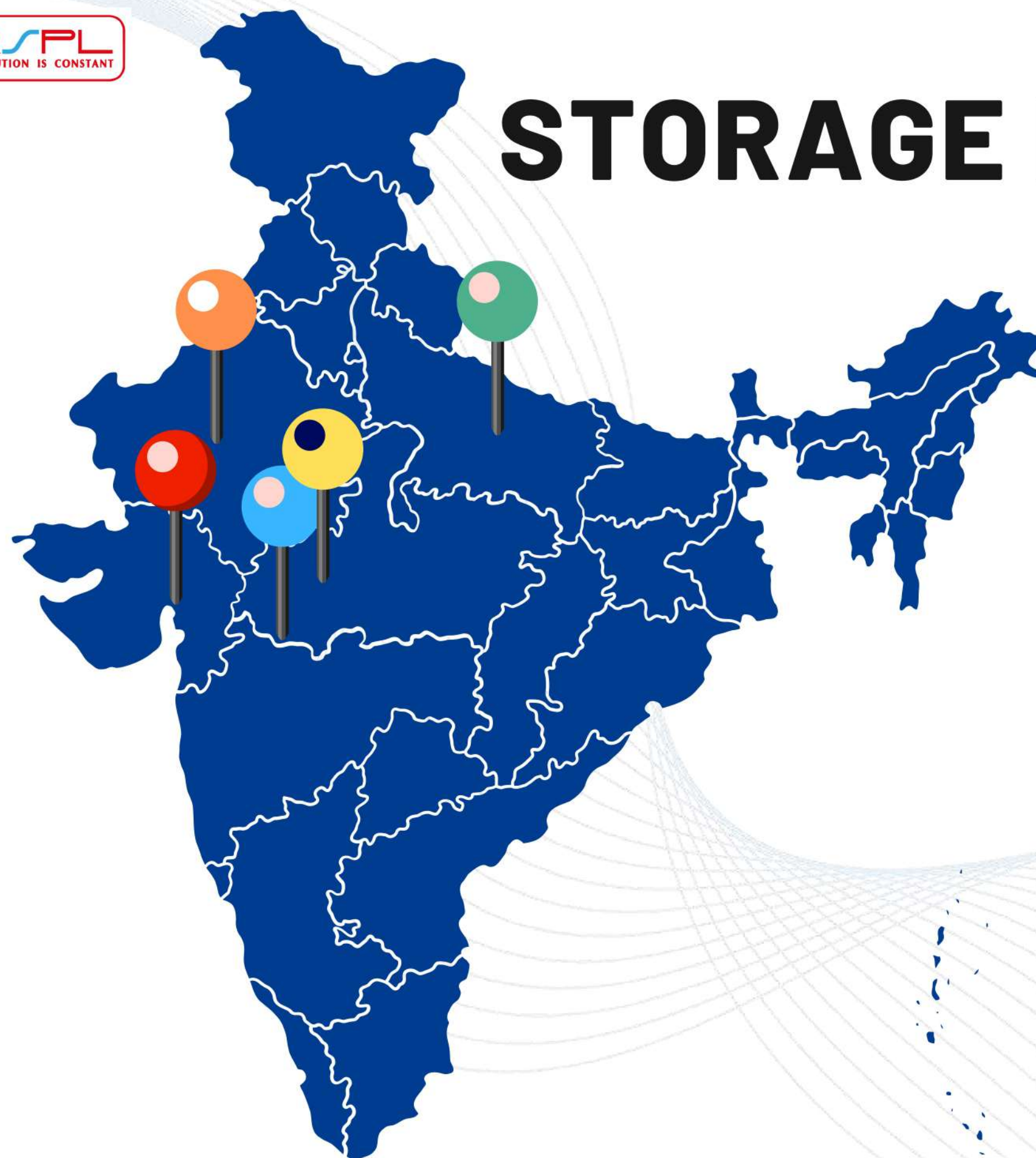
 **Chandigarh**

 **Ahmedabad**

 **Indore**

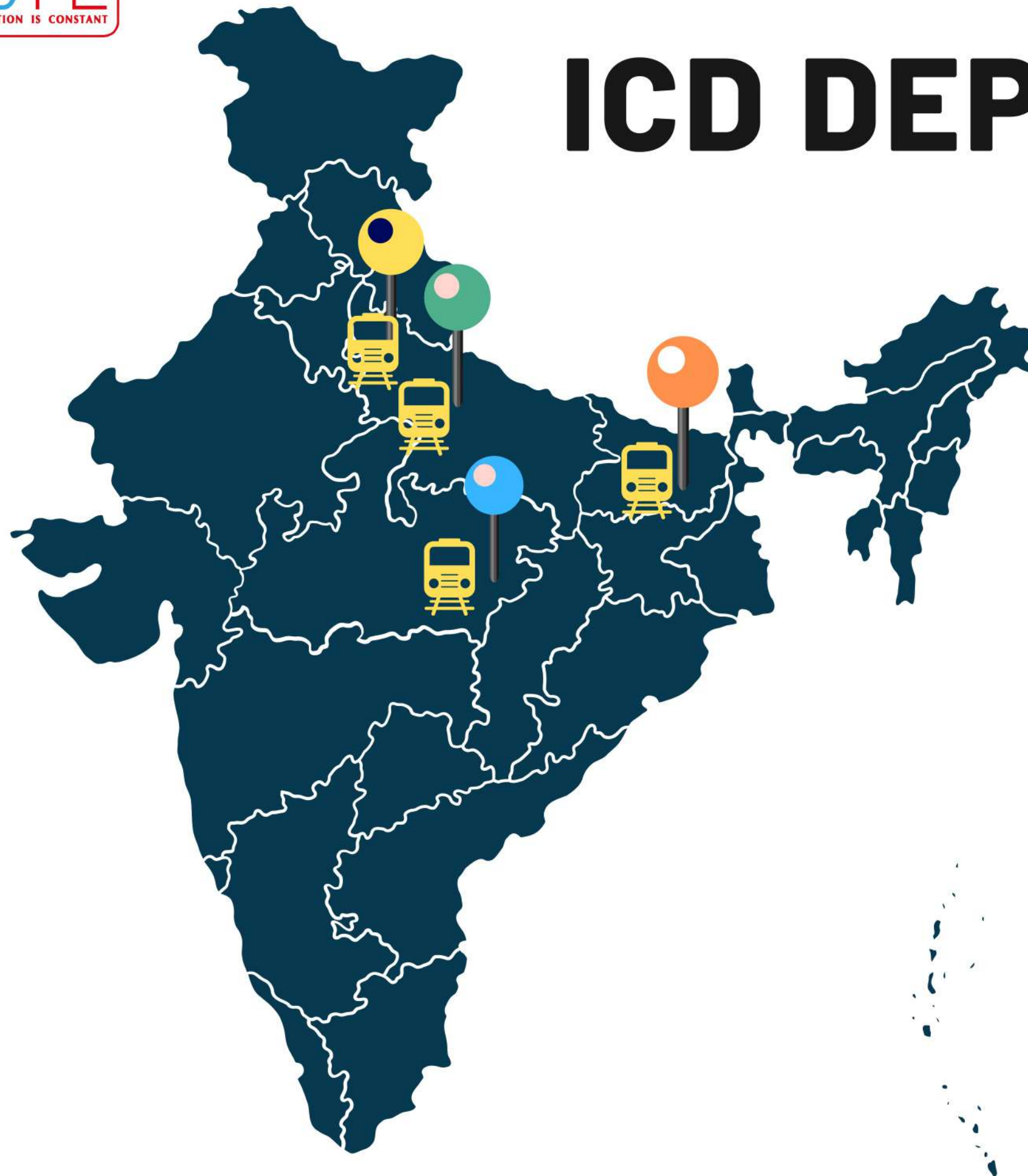
 **Manufacturing Facility -
Dwara**

STORAGE DEPOT IN BHARAT



-  Ahmedabad
-  Indore
-  Sachendi
-  Pithampur
-  Alwar

ICD DEPOT IN BHARAT



Raipur ICD

Feeding ICD through Container rake and covering distribution for Chhattisgarh & Orissa through road



Kanpur ICD

Feeding ICD through Container rake and covering distribution for Chhattisgarh & Orissa through road



Murad Nagar ICD

Feeding ICD through Container rake and covering distribution for Bihar



Fathua ICD

Feeding ICD through Container rake and covering distribution for West UP & Uttarakhand

Our Supply Chain USP's

Storage Depots

Operate 5 strategically located storage depots in UP, Rajasthan, Gujarat, and MP. Ensuring efficient regional coverage for streamlined distribution.

ICD Depots

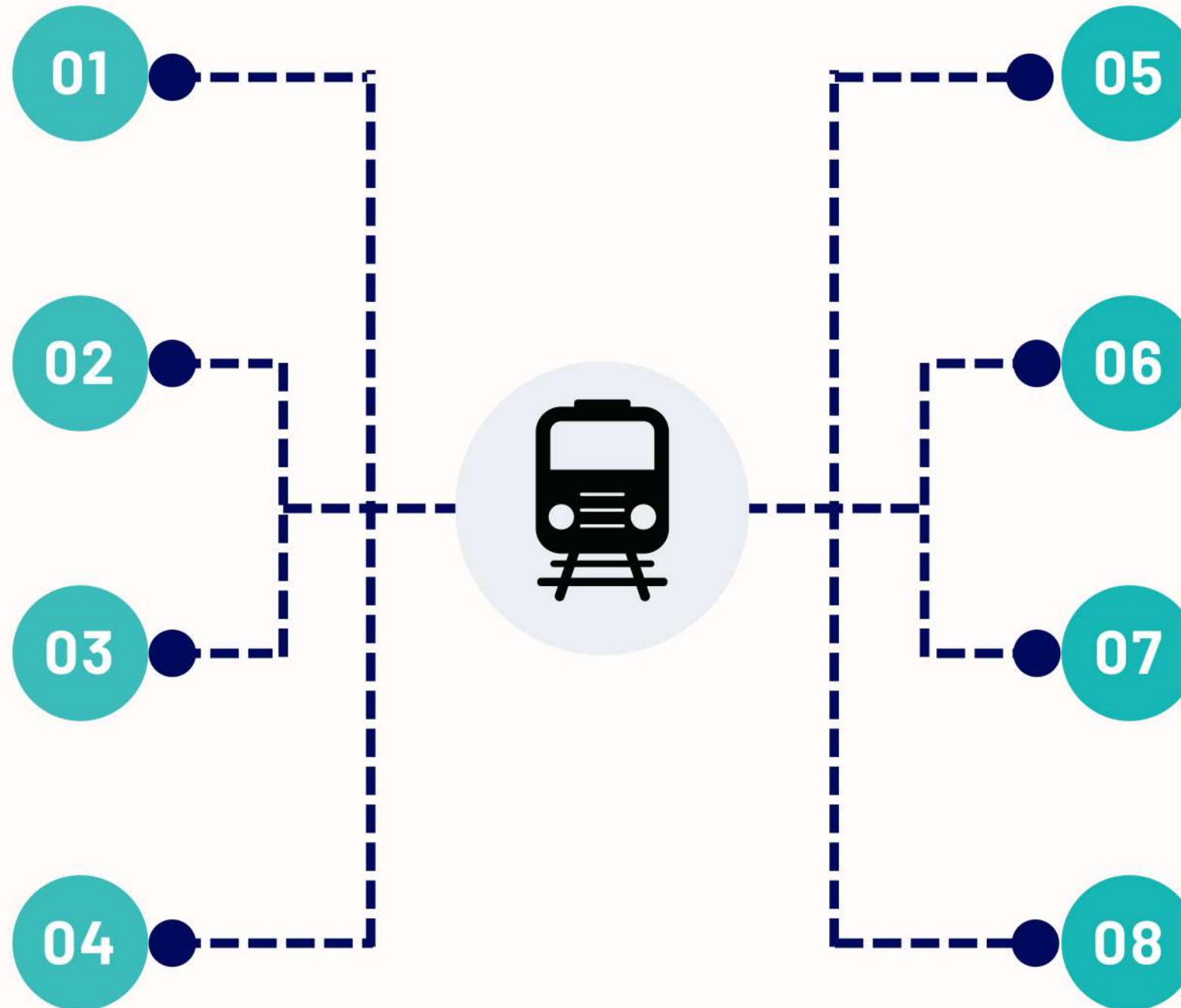
Maintain 4 Inland Container Depots (ICD) in UP, Bihar, and Chhattisgarh. Enhancing supply chain effectiveness and timely deliveries.

Customer-Centric Focus

Prioritizing retail customers for market penetration. Adapting strategies to meet the specific needs of retail clientele.

Emergency Response

Geared to address emergency requirements for both corporate and retail customers. Ensuring quick and efficient mobilization of resources in urgent situations.



Supply Chain Optimization

Employing a network of storage and ICD depots for comprehensive supply chain management. Enhancing operational efficiency to meet varying customer demands.

Strategic Regional Presence

Strategically positioning depots in regions with high demand and growth potential. Catering to diverse market needs through targeted regional coverage.

Retail Market Penetration

Focusing on retail channels to expand market reach. Implementing strategies to capture a significant share of the retail market.

Efficient Distribution

Utilizing storage and ICD depots to streamline distribution processes. Ensuring timely deliveries to meet customer expectations.

OUR GLOBAL PRESENCE



- Abu Dhabi
- Angola
- Bangladesh
- Belgium
- Cameroon
- Costa Rica
- Djibouti
- Dubai
- Ethiopia
- Ghana
- Honduras
- Hong Kong
- Indonesia
- Madagascar
- Ivory Coast
- Mauritius
- Mozambique
- Myanmar
- Nepal
- Panama
- Senegal
- Singapore
- Somalia
- South Africa
- Sri Lanka Sudan
- Sweden
- Tanzania
- Thailand
- Togo
- Turkey
- China

OUR PRESTIGIOUS CUSTOMERS



JOURNEY WITH



1

started business in
2022
with a volume of
2700 MT

2

Special Liner Bags
for P&G During
Monsoon

3

The most advance
technology for
Soda Ash
Manufacturing

4

Particle size is less
than 200 mesh 75
Micron



**Our Volume
Growth**

ESG – ENVIRONMENT SAFETY GOVERNANCE



**Educatio
n**

**Water
Conservation**



**Sustainability
Commitment**

**Environmental
Initiatives**



**Water
Management**

**Energy
Efficiency**



ESG - ENVIRONMENT SAFETY GOVERNANCE

Education

- English medium senior secondary LDA school
- Follows CBSE curriculum
- Equipped with best-in-class labs and a sports academy
- Focuses on holistic development to prepare employees' children for the future

Water Conservation

- Four water conservation ponds covering a total of 198,500 sq m area reserved for water harvesting
- 250 acres green belt with a mix of coastal region plant species
- Plans to double the plantation in the next five years

Sustainability Commitment

- Actively committed to sustainable development of terrestrial and marine ecosystems
- Participation and donations for wildlife conservation initiatives:
 1. "Van Mahotsav" organized by Jamnagar Forest Division
 2. Chief Minister's "Swachhta Nidhi Gujarat Abhiyan" under Mahatma Gandhi Swachhta Mission
 3. Water conservation programs in villages under "Sujalam Safalam Jal Abhiyan"
 4. Coastal clean-up drives with State Marine Forest Department
 5. Plastic waste management campaigns in villages
- Engaged in turtle conservation since inception:

Environmental Initiatives

- Sponsored mangrove plantation in 50 ha area in Bharuch, Gujarat
- Involvement of local community-based organizations through Gujarat Ecology Commission, Gandhinagar

Water Management

- Water-neutral site with extensive use of sea water
- No ground water usage for plant operations and residential colony

Energy Efficiency

- Use of CFBC concept for high thermal efficiency and multi-fuel capability
- Long-term contracts with cement units for fly ash utilization in cement manufacturing
- Utilization of fuel mixes in boilers and soda ash kilns to optimize cost

SUSTAINABILITY ACHIEVEMENTS

Year	Scope 2 Emission (tCO2e)	Total Waste Generated(MT)	Total Plastic recycled against EPR (MT)
2022-2023'	34,298.29	2,49,716.53	8821
2023-2024'	30,937.29	1,76,614.86	9702
Percentage	↓ 9.8	↓ 29.3	↑ 10.0

1- Reduction in Scope 2 Emissions

Achieved a **9.8% reduction** in Scope 2 emissions.

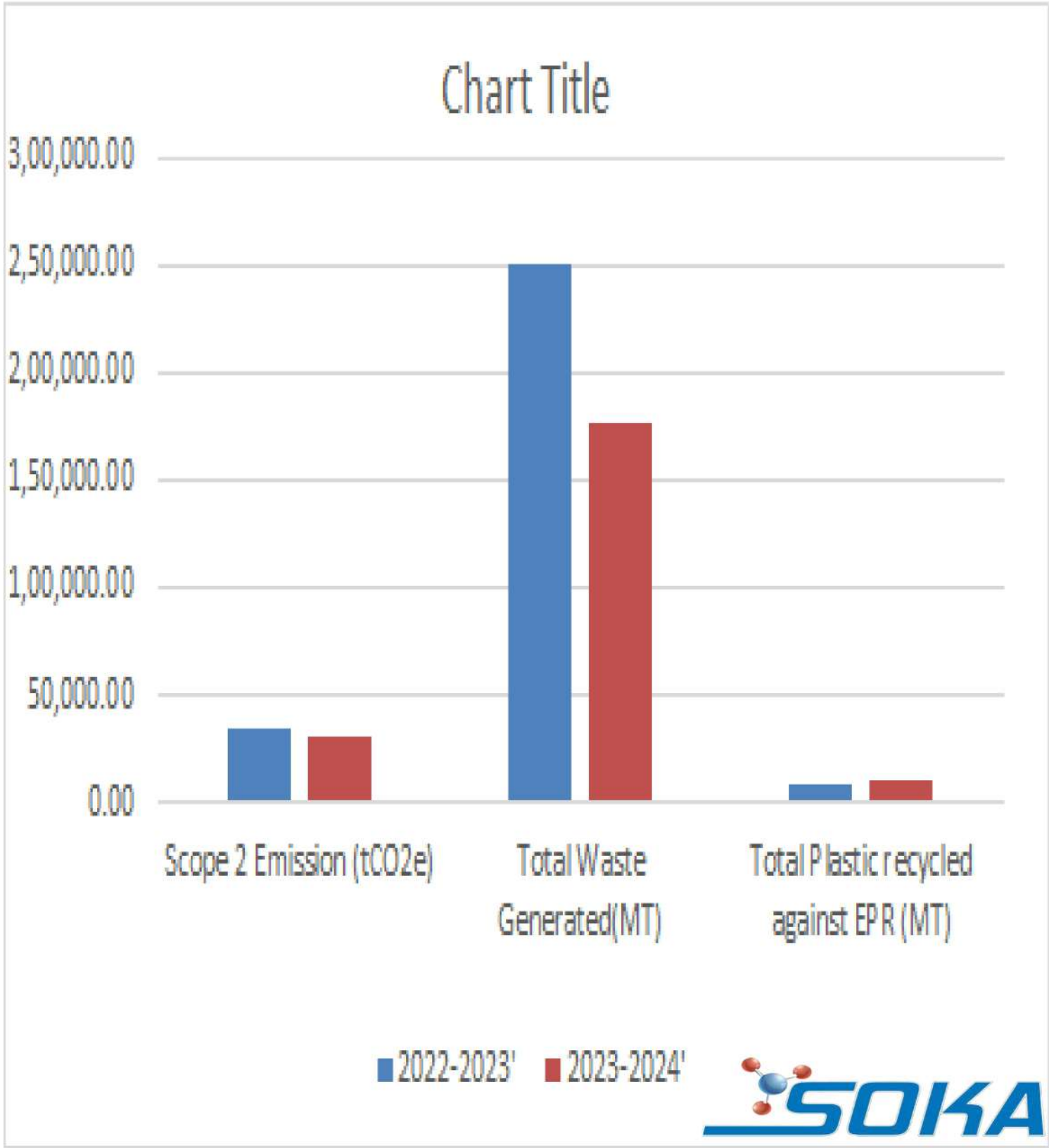
2- Significant Decrease in Waste Generation

Adapting new sustainable practices in manufacturing helped us to reduce Waste Generation by significant **29%**

Enhanced Plastic Recycling Efforts

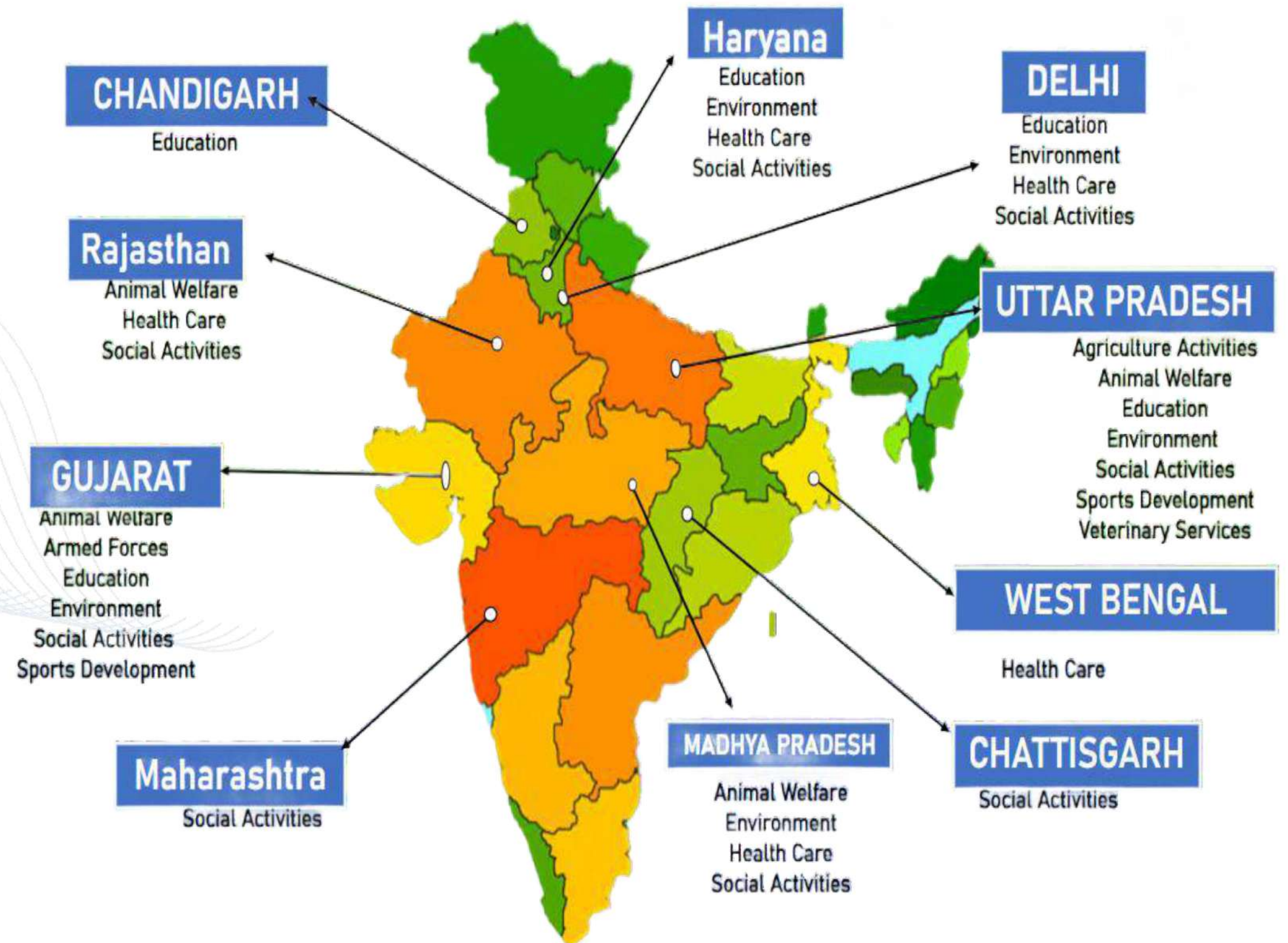
Recycled approximately **10,000 MT** of plastic under Extended Producer Responsibility (EPR).

Marked a **10% increase** compared to FY 2022-23.



COMMUNITY SERVICES

We prioritize sustainable growth, aiming to minimize our environmental impact. Our efforts extend to addressing poverty and malnutrition, protecting the environment, promoting education, and supporting communities.



- Installed 9 KL Oxygen Tank at Khambaliya General Hospital
- Provided Ambulance for Tupani Village Primary Health Centre
- Distributed PPE Kits and food during COVID-19 pandemic
- Organized free Health Checkup in 12 nearby villages, serving 4000 locals
- Distributed educational materials and technology to village schools
- Implemented drinking water facility through WASMO for Kurang & Jodhpur villages
- Sponsored Mangrove Plantation in 50 ha. area in Haston Taluka, Gujarat

• We are contributing to the environment by installing **Solar PV rooftops on our 12 manufacturing units and Charitable Hospital**, aiming to achieve a greener and more sustainable future.



**LET'S
CONNECT
WITH US!**

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