



Extended Producer Responsibility (EPR) for Plastic Packaging

Action Taken by Tamil Nadu Pollution Control Board
(TNPCB) on Obligated Entities



September 2024

Overview of EPR

India generates 4.1 million tonnes of plastic waste annually¹. To address this challenge, the Ministry of Environment, Forest and Climate Change (MoEFCC) implemented the Plastic Waste Management Rules, 2016 (PWM Rules). These rules require waste generators to minimize plastic waste production, avoid littering, ensure proper segregation and storage of waste at the source, and hand over segregated waste in accordance with the regulations.

The PWM Rules, 2016 include the Guidelines for *Extended Producer Responsibility (EPR) for plastic packaging*, aimed at addressing plastic packaging waste in the Indian market.

Under EPR guidelines, the Producers, Importers, and Brand Owners (PIBOs) are mandated to take the responsibility for the management of plastic packaging waste they introduce into the Indian market, through recycling, re-use or end-of-life disposal (such as co-processing/ Waste-to-energy/ Plastic to-oil/road making /industrial-composting).



Obligated Entities

Producer



An entity engaged in manufacturing of plastic packaging or intermediate material to be used for manufacturing plastic packaging or contract manufacturing of products using plastic packaging or through other similar arrangements for a brand owners.

Importer



An entity that imports for commercial use, any plastic packaging or any commodity with plastic packaging or carry bags or plastic sheets or like material, or plastic raw material including in the form of resin or pellets, or intermediate material to be used for manufacturing plastic packaging such as films or preforms.

Brand Owner



An entity that sells any commodity under a registered brand label or trademark.

Manufacturer



An entity that produce plastic raw material, including compostable plastics and biodegradable plastics.

Seller



An entity that sells plastic raw material such as resins or pellets or intermediate material used for producing plastic packaging.

Urban Local Bodies



Municipal corporations, municipalities, gram panchayats and village panchayats.

Plastic Waste Processor



Recyclers of plastic waste as well as entities engaged in using plastic waste for energy (waste to energy) including in co-processing or converting plastic waste to oil (waste to oil) and industrial composting.

Exempted Entities



Micro and Small Brand Owners*



Export-Oriented Units (EOU) and units in Special Economic Zone (SEZ)**

*As per the Micro, Small and Medium Enterprises Development (MSMED) Act, 2006

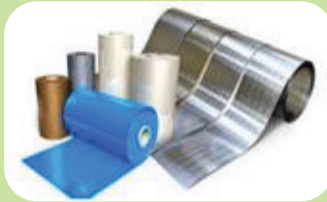
**If any EOUs or units in SEZ generate plastic packaging waste as rejects or discards during manufacturing or packaging process (pre – consumer waste), they must register on the EPR portal.

Categories of Plastic Packaging



Category I

Rigid Plastic



Category II

Flexible Plastic



Category III

Multi Layer Plastic



Category IV

Compostable Plastic



Category V

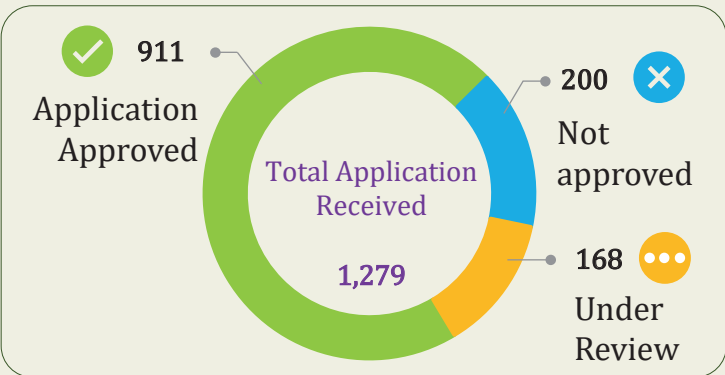
Biodegradable Plastic

EPR registration status in Tamil Nadu as of August 2024

Total Application Approved

911

(PIBOs and PWP's)



<p>Producer (P)</p>	223	53	51	119
	Application Received	Application Approved	Not approved	Under Review

<p>Importer (I)</p>	774	685	63	26
	Application Received	Application Approved	Not approved	Under Review

<p>Brand Owner (BO)</p>	106	68	30	8
	Application Received	Application Approved	Not approved	Under Review

<p>Plastic Waste Processors (PWP's)</p>	176	105	56	15
	Application Received	Application Approved	Not approved	Under Review

Initiatives Taken by TNPCB

2nd March 2023

Issued **directions** to **485** unregistered entities to register as *Brand Owners* under EPR framework.



9th March 2023

Issued **press release** to unregistered entities to register as *PIBOs and PWPs* under EPR framework.



1st May 2024

Published an easy-to-use **handbook on EPR guidelines** for *PIBOs and PWPs*.



28th May 2024

Issued **press release** to unregistered entities to register as *PIBOs and PWPs* under EPR framework.



4th July 2024

TNPCB **facilitated registering the 3 ULBs: Maraimalai Nagar Municipality, Tambaram Corporation and Mannarkudi Municipality** in the Centralized EPR portal



6th March 2023

TNPCB **established an EPR Helpline Cell** operating on all weekdays



28th March 2024

Issued **directions** to **323** unregistered industries to register as *Brand Owners* under EPR framework.



27th May 2024

Issued **directions** to **396** unregistered industries to register as *Plastic Waste Processors* under EPR framework.



13th June 2024

Communicated to **283** unregistered *Brand Owners* who have not responded to earlier directions



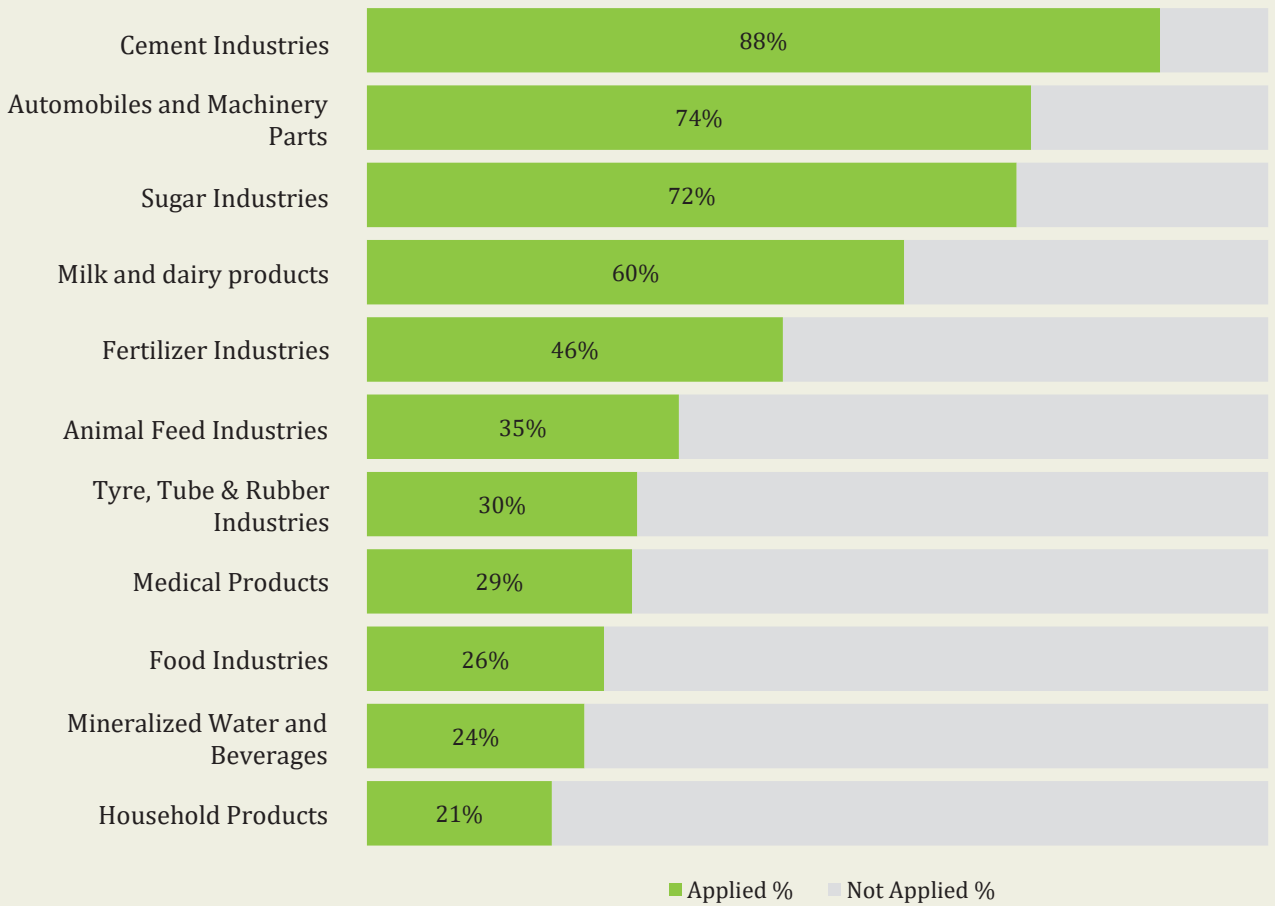
As of August 2024

- Attended **1557 helpline calls**
- Organized **14 training programs** on EPR registration process for *PIBOs, PWPs and ULBs*.

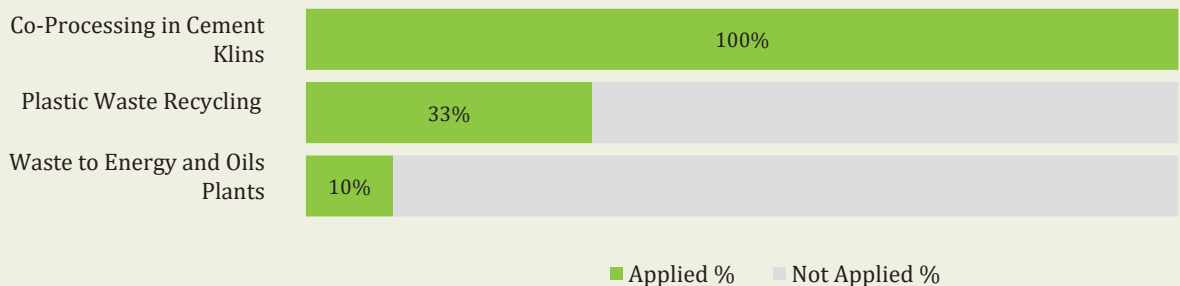


Percentage of obligated Entity Applications in the EPR Portal

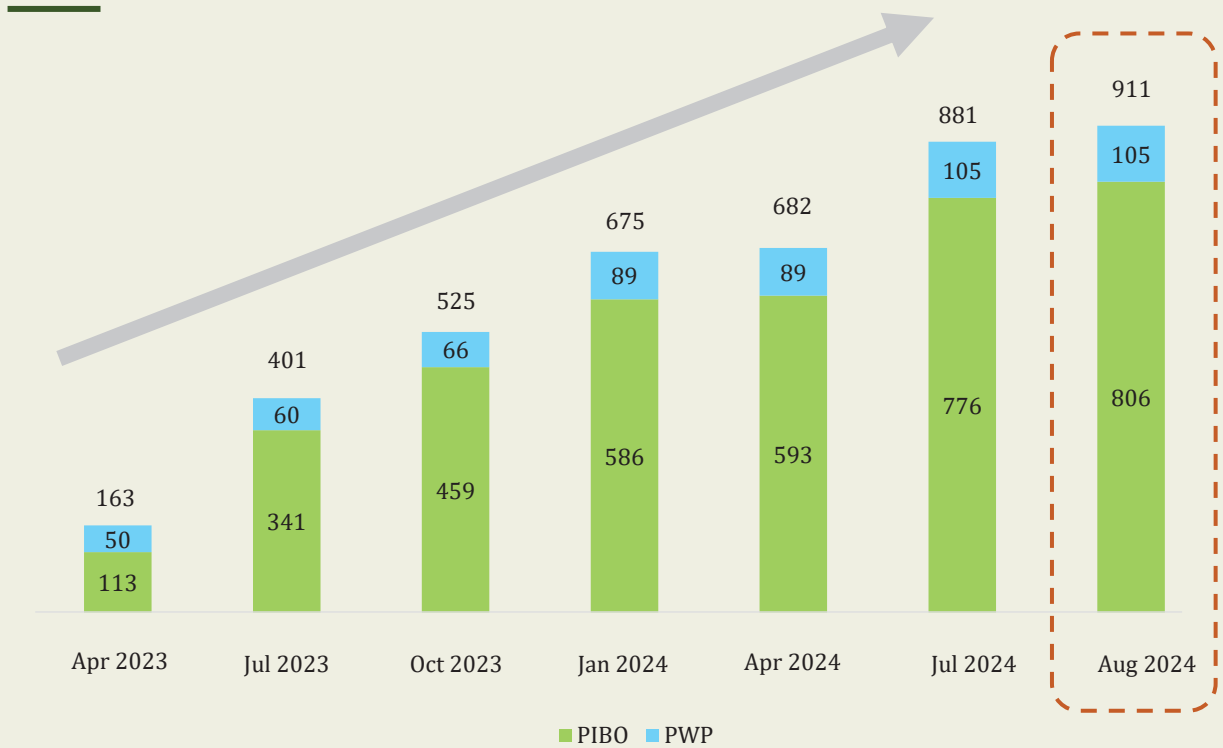
Brand Owners : Percentage of Applied vs. Not Applied Entities



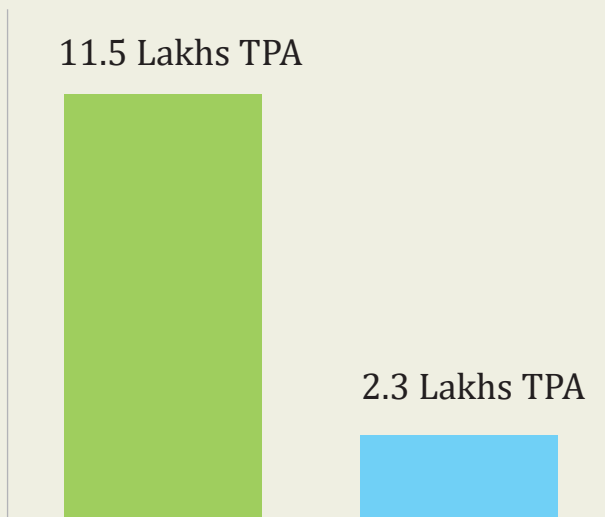
Plastic Waste Processors: Percentage of Applied vs. Not Applied Entities



EPR registrations approved over time



Processing Capacity Vs EPR Targets in Tamil Nadu



Surplus processing capacity of 9.2 lakhs TPA*

Tamil Nadu has a **surplus processing capacity of 9.2 lakhs TPA**, which exceeds the current EPR obligations and has the *capability to manage additional plastic packaging waste*.

Total processing capacity of registered PWPs

Total EPR target set for registered PIBOs

*TPA - Tonnes per annum

EPR Registration Process for PIBOs

Sign up on the EPR portal

Create an account on the EPR portal

STEP
01

Required Documents

- ✓ PAN, CIN & type of company
- ✓ Authorized person details

Required Documents

- ✓ GST
- ✓ Plastic packaging waste generated data
- ✓ Details of products sold
- ✓ IEC (for Importer)
- ✓ CTO (for Producer and Brand Owner)
- ✓ Production capacity and plant machinery details (for Producers)

STEP
02

Submission of application

Submit the completed application through the EPR portal.

Approval of application

Submitted application will be reviewed by TNPCB before issuing the EPR certificate.

STEP
03



STEP
04

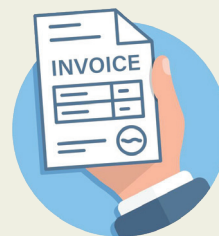
EPR Target fulfilment

Engage in credit exchange with PWPs to meet EPR targets.

Post Registration

Upload all transaction invoices to the EPR portal.

STEP
05



STEP
06

Annual Returns

Submit annual returns by June 30th of the following financial year.



EPR registration process for PWPs

Sign up on the EPR portal

Create an account on the EPR portal

STEP
01

Required Documents

- ✓ PAN, CIN & GST
- ✓ Authorized Person details

Required Documents

- ✓ Location of the facility
- ✓ CTO
- ✓ Details of Registration under Plastic Waste Management Rules
- ✓ Processing & production capacity
- ✓ Plant machinery details
- ✓ Sanctioned power load

STEP
02

Submission of application

Submit the completed application through the EPR portal.

Approval of application

Following the approval of application, the Regional Officer will conduct a physical verification.

STEP
03



STEP
04

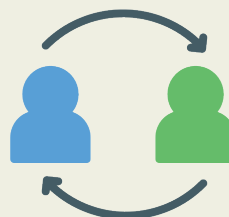
EPR certificate generation

Upload transaction invoices to the EPR portal to generate credits for processed plastic packaging waste.

Transfer of EPR certificate to PIBOs

Engage in credit exchange with PIBOs.

STEP
05



STEP
06

Annual Returns

Submit annual returns by April 30th of the following financial year.

Showcase of EPR Training Activities

*Training session to **PIBOs and PWPs** on the EPR registration process and post registration process on **World Environment Day (5th June 2024)***



*Training session to **TNPCB officials** on the EPR registration process for **PIBOs and PWPs** organized on **3rd June 2024***



Showcase of EPR Training Activities

*Training session to **Plastic Waste Processors (PWPs)** on the EPR registration process, in coordination with GIZ, on 02nd July 2024*



*Training session to **Urban Local Bodies (ULBs)** on the EPR registration process, in coordination with GIZ, on 09th July 2024*



Showcase of EPR Audit of PWP units

EPR Audit by TNPCB Officials at M/s Chettinad Cement Corporation Limited, Dindigul District on 23rd and 24th August 2024



EPR Audit by TNPCB Officials at M/s V.P. Plast, Erode District on 29th August 2024





Tamil Nadu Pollution Control Board



76, Mount Salai, Guindy, Chennai - 600 032



+91-9500076438



pwmsec@tnpcb.gov.in



www.tnpcb.gov.in

Plastic Waste Management Cell



Scan the QR code to access the handbook on EPR guidelines for plastic packaging