



# 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 annually<sup>1</sup>. 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

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## 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

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**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

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**Category I**

**Rigid Plastic**



**Category II**

**Flexible Plastic**



**Category III**

**Multi Layer Plastic**



**Category IV**

**Compostable Plastic**



**Category V**

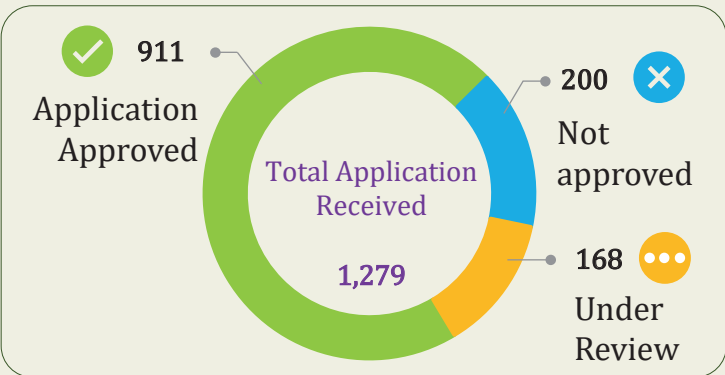
**Biodegradable Plastic**

# EPR registration status in Tamil Nadu as of August 2024

**Total Application Approved**

# 911

*(PIBOs and PWPs)*



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

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

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

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

# Initiatives Taken by TNPCB

**2<sup>nd</sup> March 2023**

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



**9<sup>th</sup> March 2023**

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



**1<sup>st</sup> May 2024**

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



**28<sup>th</sup> May 2024**

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



**4<sup>th</sup> July 2024**

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



**6<sup>th</sup> March 2023**

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



**28<sup>th</sup> March 2024**

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



**27<sup>th</sup> May 2024**

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



**13<sup>th</sup> June 2024**

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



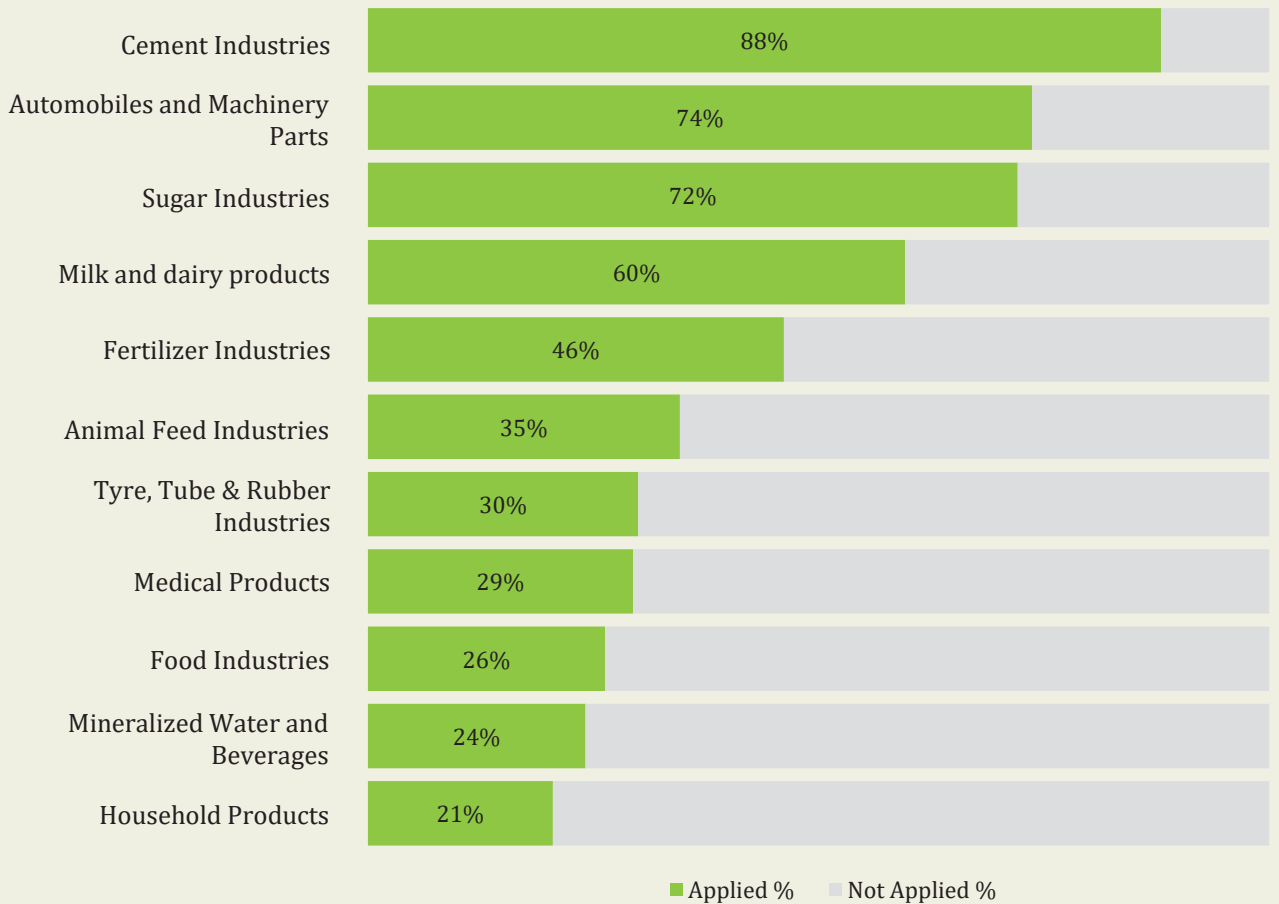
**As of August 2024**

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

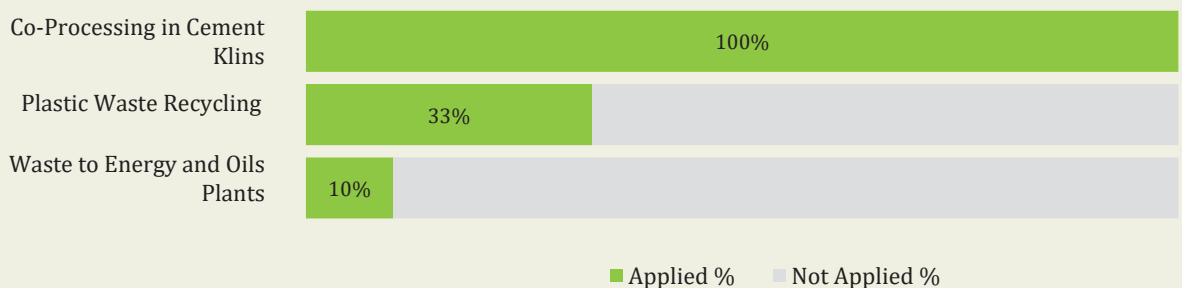


# Percentage of obligated Entity Applications in the EPR Portal

## Brand Owners : Percentage of Applied vs. Not Applied Entities

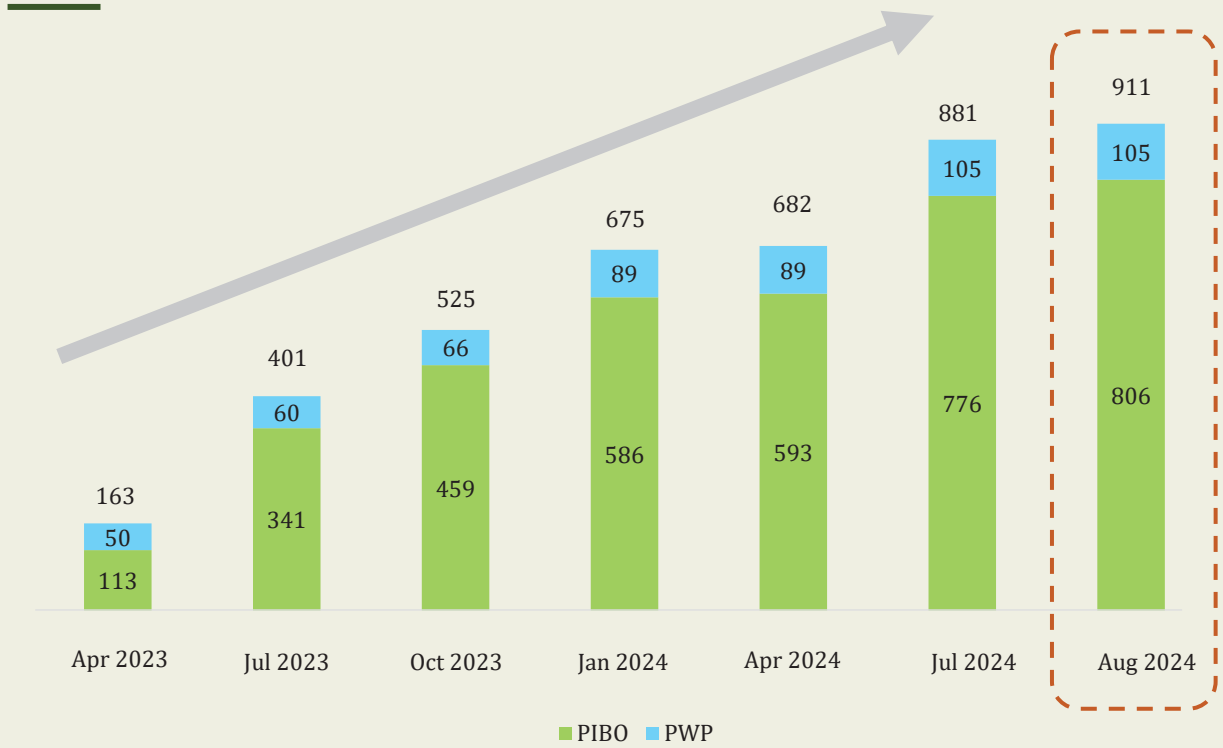


## Plastic Waste Processors: Percentage of Applied vs. Not Applied Entities

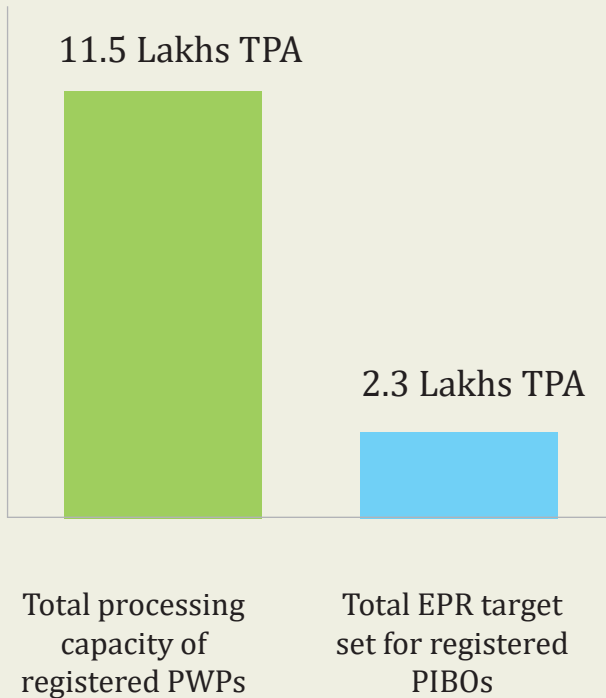




# EPR registrations approved over time



# 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*.

\*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

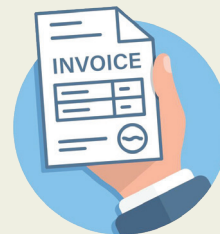
## EPR Target fulfilment

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 30<sup>th</sup> of the following financial year.



# EPR registration process for PWP's

## 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

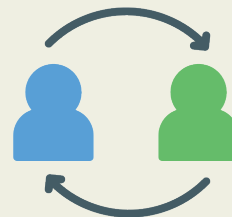
## EPR certificate generation

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 30<sup>th</sup> of the following financial year.

# Gallery of EPR Training Sessions

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



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



# Gallery of EPR Training Sessions

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



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



*Training session to **Brand Owners** on the EPR registration process, in coordination with GIZ, on 16<sup>th</sup> July 2024*





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### Plastic Waste Management Cell



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