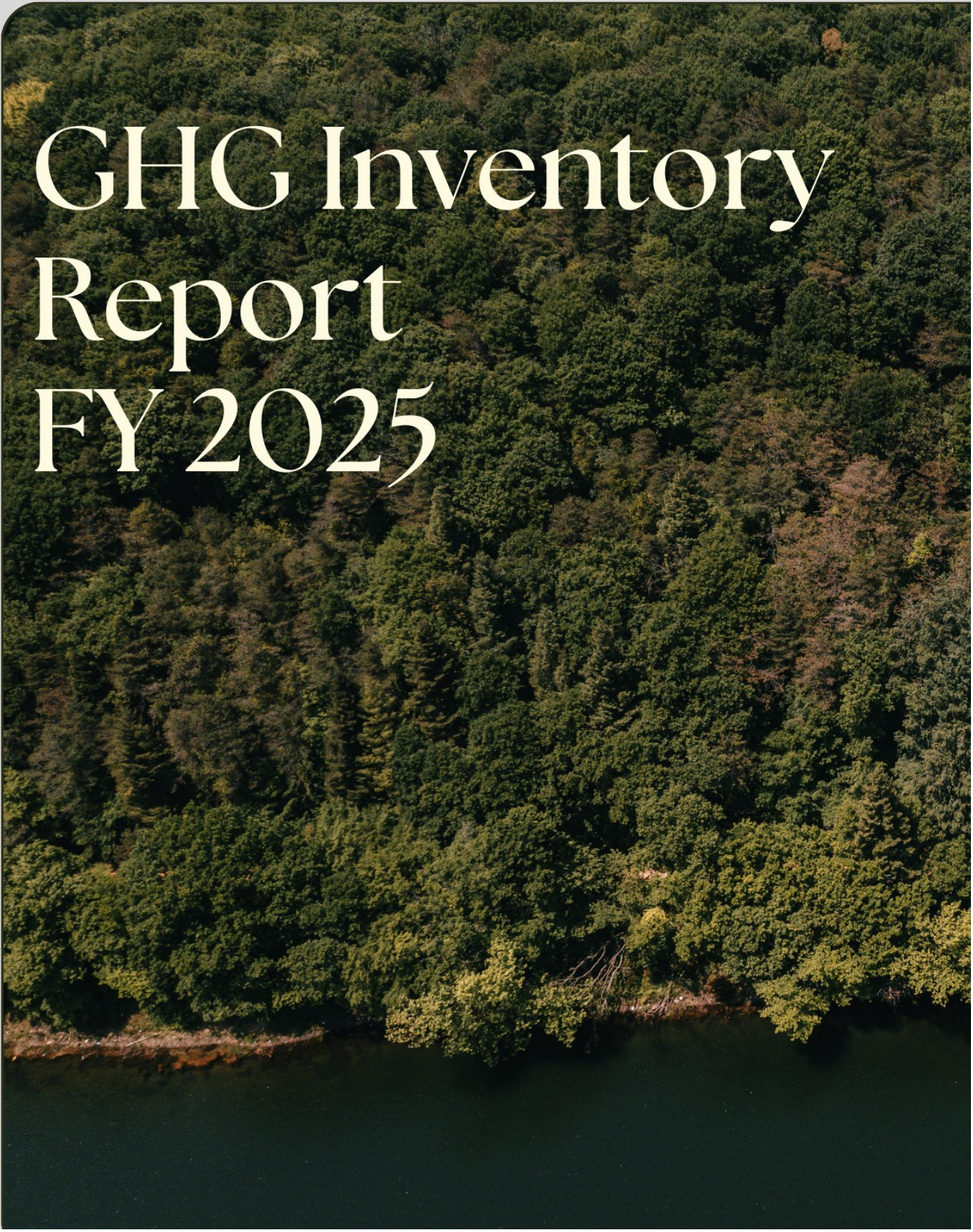




# GHG Inventory Report FY 2025





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## EXECUTIVE SUMMARY

Pramod Fibre Plast Pvt. Ltd. has conducted a comprehensive Greenhouse Gas (GHG) inventory to assess and account for emissions across our operations and value chain, aligning with the **GHG Protocol** standards. This exercise forms a key part of the company's broader sustainability strategy and demonstrates its commitment to climate transparency and responsible business practices.

The inventory covers **Scope 1 (direct emissions)**, **Scope 2 (purchased electricity)**, and **Scope 3 emissions** across relevant categories, including purchased goods and services, business travel, employee commuting, and waste generation etc. The methodology is based on globally recognized calculation approaches and reflects best practices for emission data collection and estimation.

This assessment helps Pramod Fibre Plast Pvt. Ltd. in:

- Quantify carbon footprint,
- Identify key emission sources,
- Establish a baseline for future reduction efforts, and
- Informed decision-making towards a low-carbon operations.

Through this GHG inventory, Pramod Fibre Plast Pvt. Ltd. reinforces its commitment to environmental stewardship and sets the stage for science-aligned emissions reduction planning in the years ahead.

The GHG Accounting carried out consider various aspects that were under operational control of Pramod Fibre Plast Pvt. Ltd. The mode of assessment is as per GHG Protocol Corporate Accounting and Reporting Standard and GHG Protocol Value chain Accounting and Reporting Standard.

The summary of GHG emissions estimation from the sources covered under this reporting period are as follows:

### Scope-wise GHG Emissions:

GHG Emissions Sources	t-CO <sub>2</sub> eq
Direct GHG Emissions (Scope 1)	60
Indirect GHG Emissions from imported energy (Scope 2)	339
Indirect Value chain Emissions (Scope 3)	16565
<b>Total GHG Emissions- Scope 1+2+3 (t- CO<sub>2</sub>eq)</b>	<b>16965</b>

*\*Note: All the Values are Rounded up figures*

## Chapter- 1: About Pramod Fibre Plast Pvt. Ltd.

Pramod Fibre Plast Pvt. Ltd., established in 1995, is a professional manufacturer of fibre reinforced composites. In 2015, the company expanded into moulded PU foam and plastic parts manufacturing. Committed to eco-friendly practices, the company has built a strong reputation as a trusted supplier of high-quality fibre glass products and components for diverse industries. Renowned for delivering customized solutions, Pramod Fibre Plast Pvt. Ltd. consistently meets specific client requirements with quality, reliability, and dedicated service earning lasting trust and continued business.

Beyond its role as a FRP components manufacturer, the company is deeply committed to Environmental, Social, and Governance (ESG) principles. Recognizing the importance of sustainable and responsible business practices, the company has taken deliberate steps to embed ESG considerations into its operations and long-term strategic planning.

### 1.1 Purpose and Objective of the report.

Pramod Fibre Plast Pvt. Ltd. remains committed to environmental responsibility and transparency. As part of this commitment, the organization is actively engaged in measuring and reporting its Greenhouse Gas (GHG) emissions for the fiscal year 2024-25. This GHG reporting initiative serves several important purposes and objectives:

- **Understanding the Environmental Footprint:** By quantifying its GHG emissions, Pramod Fibre Plast Pvt. Ltd. gains valuable insights into its environmental impact. This understanding enables the organization to identify areas for improvement and develop targeted strategies for long-term emissions reduction.
- **Accountability:** Measuring and tracking GHG emissions enables Pramod Fibre Plast Pvt. Ltd. to take responsibility for its environmental impact. This internal accountability ensures that the organization remains committed to monitoring its performance, identifying areas for improvement, and making informed decisions to reduce emissions over time.
- **Benchmarking and Continuous Improvement:** GHG reporting the company to benchmark its emissions performance against industry peers. This fosters continuous improvement by highlighting best practices and supporting the establishment of ambitious emissions reduction targets.
- **Contributing to Climate Action:** Through the measurement and disclosure of its emissions, Pramod Fibre Plast Pvt. Ltd. contributes to global climate action efforts. By actively tracking and working to reduce its carbon footprint, the organization supports the transition toward a more sustainable future.
- By integrating sustainability into its core business strategy, Pramod Fibre Plast Pvt. Ltd. reinforces stakeholder confidence and underscores its commitment to responsible environmental practices.

## 1.2 Reporting Period

The reporting period is from 1<sup>st</sup> April 2024 to 31<sup>st</sup> March 2025. The Company follows the financial year reporting, hence all the data collected is with respect to this reporting period.

## 1.3 Frequency of Reporting

Pramod Fibre Plast Pvt. Ltd. has been chosen to adhere to GHG protocol standards for reporting their GHG inventory. The reporting frequency for the GHG inventory will be consistent and occur on an annual basis. This frequency is determined based on the unique needs and requirements of the reporting organization.

## 1.4 Policy on availability and methods of dissemination of the report

The policy regarding the availability and methods of dissemination of the GHG report, typically outlines how the GHG report will be made available to stakeholders and interested parties, as well as the methods or channels through which it will be disseminated.

The methods of dissemination of the GHG report opted by Pramod Fibre Plast Pvt. Ltd.

- The stakeholders and interested parties can access the GHG report, through special request to Pramod Fibre Plast Pvt. Ltd. through official mail.
- The formats in which Pramod Fibre Plast Pvt. Ltd. will make the report available in pdf form and on the online platform on special request.
- The stakeholders and interested parties can directly contact through mail or numbers available on the official website of Pramod Fibre Plast Pvt. Ltd.
- The method for dissemination of the report aligns as per GHG protocol standard.
- Intended use of this report are internal decision making, external reporting, investor and shareholder relations. The intended users of a GHG inventory report are internal stakeholders and external stakeholders.

## 1.5 Roles and Responsibilities:

**Table 1: Responsible persons for the reporting period**

Responsible Person	Designation
Mr. Nilesh Shinde	Process Excellence
Mr. Vikrant Annadate	System Coordinator

## 1.6 Contact Person:

- **Contact Person Name:** Mr. Vikrant Annadate
- **Designation:** System Coordinator
- **Email:** [vikrant.annadate@pramodfibre.com](mailto:vikrant.annadate@pramodfibre.com)

## 1.7 Key Information

**Table 2: Key information**

Pramod Fibre Plast Pvt. Ltd.	
Description of the company	Recognized as one of the leading manufacturers of fibre glass products in India, the company caters to a diverse range of industry sectors. It is renowned for delivering customized solutions, tailoring products to meet specific client requirements. With a strong focus on quality, Pramod Fibre Plast Pvt. Ltd. has earned the trust and confidence of its customers.
Report Title	GHG Emission Inventory 2024
Report Version	Version 01
Date	20 <sup>th</sup> August 2025
Controlled Report	Yes
Physical Location	E-97, MIDC Ambad, Nashik Maharashtra, India- 422010
The reporting period covered	1 <sup>st</sup> April 2024 to 31 <sup>st</sup> March 2025
GHG Emissions Sources Covered	<p>Scope 1 Activities:</p> <ul style="list-style-type: none"> <li>• Direct emissions from stationary combustion</li> <li>• Direct emissions from Mobile combustion</li> <li>• Direct emissions from Fugitive sources</li> <li>• Process Emissions</li> </ul> <p>Scope 2 Activities:</p> <ul style="list-style-type: none"> <li>• Indirect GHG emissions from purchased electricity (location based)</li> </ul> <p>Scope 3 Activities:</p> <ul style="list-style-type: none"> <li>• Category 1: Purchased goods and services</li> <li>• Category 2: Capital goods</li> <li>• Category 3: Fuel and Energy Related</li> <li>• Category 4: Upstream Transportation and Distribution</li> <li>• Category 5: Waste Generation in Operations</li> <li>• Category 6: Business Travel</li> <li>• Category 7: Employee Commuting</li> </ul>
Base Year	FY 2024-25
Prepared By	SGS India Pvt. Ltd. Contact Person <sup>1</sup> : Kalpesh Thombare Email id: <a href="mailto:kalpesh.thombare@sgs.com">kalpesh.thombare@sgs.com</a> Contact Person <sup>2</sup> : Dheeraj Sindhe Email id: <a href="mailto:dheeraj.sindhe@sgs.com">dheeraj.sindhe@sgs.com</a>

## Chapter- 2: Inventory Boundary

The organizational boundary for GHG Inventory reporting defines the scope within which an organization monitors its greenhouse gas emissions. In this current GHG report, the organizational boundary is specifically focused on the facilities that are under the operational control of the reporting organization. Pramod Fibre Plast Pvt. Ltd. maintains comprehensive operational control over all activities conducted within its premises.

### 2.1 Consolidation Approach

Which consolidation approach was chosen (check each consolidation approach for which your company is reporting emissions):

Equity Share

☐

Financial Control

☐

Operational Control

☒



## Chapter- 3: Reporting Boundary

Pramod Fibre Plast Pvt. Ltd. meticulously calculates emissions from its controlled operations, which includes its five operational facilities located in Nashik, Maharashtra and One Corporate office.

### 3.1 Scope- 1: Direct Emissions from Operations

**Table 3: Scope-1 Emission sources**

Scope 1 Category	Emissions Identified	Emissions Reported	Reason for Omission/Inclusion
<b>Direct Emissions from Stationary Combustion</b>	- Diesel consumption in DG Sets	Yes	Included all the relevant emission sources
<b>Direct Emissions from Mobile Combustion</b>	- Fuel consumption in company-owned vehicles - Fuel Consumption in company-controlled vehicles	Yes	Included all the relevant emission sources
<b>Direct Emissions from Process Sources</b>	- CO <sub>2</sub> emission from process	Yes	Included all the relevant emission sources
<b>Direct Emissions from Fugitive Sources</b>	- Refrigerant refilling in Air Conditioners - CO <sub>2</sub> type fire extinguishers refilling	Yes	Included all the relevant emission sources.

### 3.2 Scope-2: Indirect Emissions from Purchased Electricity

Pramod Fibre Plast Pvt. Ltd. is completely dependent on grid electricity for its electricity requirements hence, the emissions have been calculated for the total grid electricity procured/ consumed during the reporting period. The company procured 466874 kWh of electricity during the reporting period and emissions are calculated for the same using the CEA- Central Electricity Authority's Grid emission factors and respective factors for T&D losses.

### 3.3 Scope-3: Indirect Value Chain Emissions

Scope 3 is an optional category that allows for the treatment of all other indirect GHG emissions which are a consequence of the activities of the company but occur from sources not owned by the company and not included under Scope 1 and Scope 2 emissions. As per GHG Protocol Value Chain Accounting and Reporting standard, the Scope 3 emissions are distinguished in 15 categories depending upon the upstream and downstream emission sources across the corporate value chain of the reporting organization. During this reporting period, the company has diligently pinpointed the emission sources that are covered within the reporting boundary. Specifically, these emissions comprise:

- Category-1: Purchased Goods and Services
- Category-2: Capital Goods
- Category-3: Fuel & Energy Related
- Category-4: Upstream Transportation and Distribution
- Category-5: Waste Generation in Operations
- Category-6: Business Travel
- Category-7: Employee Commuting

## Chapter- 4: Quantified GHG Inventory of Emissions and Removals

Pramod Fibre Plast Pvt. Ltd. has identified their GHG sources as per GHG Protocol Standard and based on this they have estimated their GHG Inventory for different scopes i.e.,

- Scope-1
- Scope-2
- Scope-3

### 4.1 Quantification Methodology

Pramod Fibre Plast Pvt. Ltd. prioritizes environmental responsibility by adhering to the Greenhouse Gas Protocol, a standard developed by the World Resources Institute (WRI) and the World Business Council for Sustainable Development (WBCSD). This comprehensive framework guides all the definitions, assumptions, and calculations used in the company's GHG inventory report.

Scope & Category	Description of Methodologies	Emission Factors
<b>Scope 1: Direct GHG Emissions</b>	<p>The emissions from all relevant sources under operational control are calculated:</p> <ul style="list-style-type: none"> <li>• Stationary combustion (DG Sets)</li> <li>• Mobile combustion (company vehicles)</li> <li>• Fugitive emissions (leaks, AC, extinguishers)</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">IPCC Sixth Assessment Report (AR6)</a></li> </ul>
<b>Scope 2: Purchased Electricity (Location-Based)</b>	<p>Emissions from purchased electricity using average emissions intensity of the local grids.</p>	<ul style="list-style-type: none"> <li>• <a href="#">Central Electricity Authority (CEA) v20.0 (Dec 2024)</a></li> </ul>
<b>Scope 3: Indirect GHG Emissions from Value Chain</b>	<ul style="list-style-type: none"> <li>• <b>Cat-1 (Purchased goods/services):</b> Average Data method</li> <li>• <b>Cat-2 (Capital Goods):</b> Spent Based Method</li> <li>• <b>Cat-3 (T&amp;D losses):</b> Average Data Method</li> <li>• <b>Cat-4 (Upstream transport):</b> Distance Based Method</li> <li>• <b>Cat-5 (Waste):</b> Waste Type &amp; Disposal Specific Method</li> <li>• <b>Cat-6 &amp; 7 (Business Travel &amp; Employee Commute):</b> Distance Based Method</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">EEIO Supply chain Emission Factors (U.S. EPA)</a> – Category 2</li> <li>• <a href="#">DEFRA 2024 Emission factor database</a> -Category 3, 4, 5, 6, 7</li> <li>• <a href="#">India GHG Programme (2015) for specific categories like CNG Autorickshaws</a> – Category 7</li> </ul>

## 4.2 Assumptions & Considerations

Emissions Scope & Categories	Assumptions
Scope-1 (Emissions from stationery & mobile combustion)	<ul style="list-style-type: none"> <li>No Assumptions are made, all the emissions are calculated using the data captured from internal systems. This includes the consumption values of all relevant fuel types</li> </ul>
Scope-2 : Emissions from Purchased Electricity	<ul style="list-style-type: none"> <li>Considered as actuals from EB bills</li> </ul>
Scope-3: Value Chain Emissions	<ul style="list-style-type: none"> <li><b>Category-1</b> <ul style="list-style-type: none"> <li>The purchased goods are grouped into broad categories based on the material/ product type.</li> <li>Emission factors are taken from Ecoinvent database, chosen based on material type.</li> </ul> </li> <li><b>Category-2: Capital Goods</b> <ul style="list-style-type: none"> <li>All the FY 25 Spent in USD is adjusted for inflation to 2022 Price equivalents.</li> <li><a href="http://www.usinflationcalculator.com">www.usinflationcalculator.com</a></li> <li>A Cumulative Inflation of 6.7 is considered and the prices are adjusted accordingly.</li> </ul> </li> <li><b>Category-3: Fuel &amp; Energy Related</b> <ul style="list-style-type: none"> <li>T&amp;D Losses for electricity: Referring to the all-India Electricity Statistics-General review 2024 published by CEA.</li> <li><a href="#">General Review 2024 2.pdf</a></li> </ul> </li> <li><b>Category-4 : Up-Stream Transportation &amp; Distribution</b> <ul style="list-style-type: none"> <li>The transportation of Finished goods from the company's gate to the customer's gate is considered under the outbound logistics.</li> <li>An average weight of Each consignment is considered as 3.5 Tonnes to calculate the Ton-Km values.</li> </ul> </li> <li><b>Category-5: Waste generated in operations</b> <ul style="list-style-type: none"> <li>FRP Scrap &amp; Empty barrels: This is categorized under hazardous waste as per the waste categorization in Form 10. The Company is discarding the waste through Maharashtra Pollution Control Board and the waste treatment method is assumed as Landfilling.</li> <li><b>Limitations:</b> Emissions from disposal of non-hazardous waste is not calculate as there is no track of Non-hazardous waste generation &amp; disposal.</li> </ul> </li> <li><b>Category-6: Business Travel- NA</b></li> </ul>



	<ul style="list-style-type: none"> <li> <b>Category-7: Employee Commute</b> <ul style="list-style-type: none"> <li><b>Data:</b> The data is captured through a survey, accounting for employees commuting by 2-wheeler, 4-wheeler, Public transport etc.</li> <li><b>Limitations:</b> Due to unavailability of exact model and type of vehicles, average vehicle type is considered during selection of emission factors.</li> </ul> </li> </ul>
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### 4.3 Quantification of Direct GHG Emissions- Scope 1

For estimation of GHG emissions from sources that are identified in section 3.1 of this report, a consumption-based approach is used.

$$\text{GHG Emission (tCO}_2\text{e)} = \text{Activity Data} * \text{Emission Factor}$$

The following tables present a detailed breakdown of Pramod Fibre Plast Pvt. Ltd.'s Scope 1 GHG emissions. This table summarizes the total GHG emissions from all Pramod Fibre Plast Pvt. Ltd.'s significant operational sites i.e. Bengaluru office, categorized by each emission categories.

This comprehensive approach offers a clear understanding of Pramod Fibre Plast Pvt. Ltd.'s overall Scope 1 emissions and allows for informed decision-making regarding emission reduction strategies across all locations.

**Table 4: Scope-1 Emissions breakdown**

Scope 1 Direct Emission			Total Emissions	Total Organizational Emissions
Emissions due to stationary combustion	Uo M	Total	t-CO2e	t-CO2e
Diesel Consumption in DG sets	TJ	0.22	16.02684	16
LPG Consumption	TJ	0.01	0.34027	
Emissions due to mobile Combustion				
Diesel Consumption in Company owned vehicles	TJ	0.34	25.186085	39
Petrol consumption in company owned vehicles	TJ	0.07	5.182699	
Diesel Consumption in Farana	TJ	0.07	5.085870	
Diesel Consumption In Hydra	TJ	0.04	3.327524	
Emissions due to fugitive losses (Leakages)				
Refilling of fire extinguishers - CO2	Kgs	49.5	0.05	2
Refilling of Refrigerents- R-32	Kgs	3.00	2.03	
Process Emissions (welding operations due to CO2 Consumption)				
CO2 Consumption	Kgs	3090	3.09	3

\*Note: All the values presented in the above table are rounded-up figures

## 4.4 Quantification of Indirect GHG Emissions- Scope 2

Under Scope 2 emissions, Pramod Fibre Plast Pvt. Ltd. has reported the emissions from the generation of purchased electricity that is consumed in its offices. The Indirect GHG emissions related to the consumption of electricity imported to the reporting organization from the Indian Grid. The emission factor for the electricity imported from the grid is estimated from the CEA database (version 20.0).

The estimation of GHG emissions due to Electricity Consumption from the grid is performed by a consumption-based approach.

$$\text{Total GHG Emission (tCO}_2\text{e)} = \text{Total Electricity Consumption (kWh)} * \text{Emission Factor (tCO}_2\text{/kWh)}$$

**Table 5: Scope-2 Emissions Breakdown**

Scope 2: Indirect Emissions	UoM	Data	Emissions (t-CO <sub>2</sub> e)
<b>Location Based</b>	MWh	466.87	<b>339</b>

## 4.5 Quantification of Value chain emissions- Scope 3

Pramod Fibre Plast Pvt. Ltd. has opted to report on Scope 3 emissions for all relevant categories, as detailed in Section 3.3 of this report. Scope 3 encompasses indirect emissions that occur throughout Pramod Fibre Plast Pvt. Ltd.'s value chain but are outside of their direct operational control.

Ideally, quantifying Scope 3 emissions necessitates a comprehensive assessment of GHG emissions across the entire value chain. However, due to data limitations, Pramod Fibre Plast Pvt. Ltd.'s current reporting is restricted to the specific sources identified in Section 3.3. For the remaining Scope 3 categories, either insufficient data exists, or it is entirely unavailable currently. The following categories that are identified in section 3.3 for quantification are:

- Category-1: Purchased goods and Services**

The average data method, coupled with the utilization of the emission factor from EcolInvent database for materials was employed to calculate Pramod Fibre Plast Pvt. Ltd.'s emissions from purchased goods and services. This encompasses various items such as Raw materials procured, Service & maintenance charges etc.

- Category 2: Capital goods**

Capital goods are long-term assets that a company uses in the production of other goods and services. This category involves the procurement of electronics, machinery, fixed assets, and furniture. The emission calculation has been done using a spend-based method.

- Category 3: Fuel and Energy Related Activities**

The emissions calculation focuses on the well-to-tank phase, encompassing all greenhouse gas emissions associated with the extraction, production, processing, transportation, and distribution of the fuel,

transport and distribution losses of electricity etc. has also been considered to determine the emissions under this category.

- **Category-4: Upstream Transportation and Distribution**

In this category, emissions linked to the transportation of purchased goods and materials to Pramod Fibre Plast Pvt. Ltd.'s facility are accounted for. This determination is based on factors such as the weight of materials, distance travelled, and the mode of transportation used. This category also includes the Outbound logistics i.e. transportation of finished goods from factory gate to customer's gate which is carried out by a third-party logistics provider and the reporting company is responsible for the transportation.

- **Category-5: Waste Generation in Operations**

Hazardous waste generation & disposal, along with its respective disposal methods, have been considered to report emissions arising from waste disposal. Emissions from disposal of non-hazardous waste is not calculate as there is no track of Non-hazardous waste generation & disposal.

- **Category 6: Business Travel**

The data has been collected for calculating the emissions due to business travel and hotel stay.

- **Category 7: Employee Commuting**

Employee commute data has been gathered through surveys of Pramod Fibre Plast Pvt. Ltd.'s employees. The distance travelled and typical modes of transportation, including 2-wheelers, cars running on petrol/diesel, 3-wheelers, trains/metros, and buses, have been considered to calculate emissions in this category.

**Table 6: Scope 3 Emissions Breakdown**

Scope 3: Indirect Value Chain Emissions	UoM	Emissions t-CO <sub>2</sub> e
<b>Category-1: Purchased Goods and Services</b>	Kgs	<b>15016</b>
<b>Category-2: Capital Goods</b>	USD	<b>33</b>
<b>Category-3: Fuel and Energy related</b>	Liters/kWh	<b>63</b>
<b>Category-4: Upstream Transportation &amp; Distribution</b>	Km/Ton-Km	<b>1049</b>
<b>Category-5: Waste Generated in Operations</b>	Tonnes	<b>50</b>
<b>Category-6: Business Travel</b>	<ul style="list-style-type: none"> <li>• Km</li> <li>• Hotel Stay-Nights</li> </ul>	<b>3</b>
<b>Category 7: Employee Commute</b>	Km	<b>351</b>
<b>Total Emissions Scope-3</b>		<b>1549</b>

\*Note:

- Emissions from disposal of non-hazardous waste is not calculate as there is no track of Non-hazardous waste generation & disposal.

## 4.6 GHG Removals

No GHG removal activity was carried out by Pramod Fibre Plast Pvt. Ltd. in the reporting year.



## Chapter- 5: Emission Factors

**Table 7: Emission factors and Source**

Scope 1 Direct Emission	Emission Factors				Source
Emissions due to stationary combustion	t-CO <sub>2</sub>	t-CH <sub>4</sub>	t-N <sub>2</sub> O	t-CO <sub>2</sub> e	
Diesel Consumption in DG sets	74.10000	0.00300	0.00060	74.10360	<a href="#">IPCC Sixth Assessment Report (AR6)</a>
LPG Consumption	63.10000	0.00100	0.00300	63.10400	
Diesel Consumption in Company owned vehicles	74.100000	0.003900	0.003900	74.107800	
Petrol consumption in company owned vehicles	69.300000	0.033000	0.003200	69.336200	
Diesel Consumption in Farana	74.100000	0.003900	0.003900	74.107800	
Diesel Consumption In Hydra	74.100000	0.003900	0.003900	74.107800	
Emissions due to fugitive losses (Leakages)					
Refilling of fire extinguishers - CO2				0.00	<a href="#">DEFRA 2024 Emission factor database</a>
Refilling of Refrigerents- R-32				0.68	
Process Emissions (welding operations due to CO <sub>2</sub> Consumption)					
CO2 Consumption				0.00	<a href="#">DEFRA 2024 Emission factor database</a>
Scope 2 Indirect emissions					
Location Based				0.72700	<a href="#">Central Electricity Authority (CEA) v20.0 (Dec 2024)</a>
Scope 3: Indirect Value Chain Emissions					
	Kg-CO2	Kg-CH4	Kg-N <sub>2</sub> O	t-CO <sub>2</sub> e	
Category-2: Capital goods					
Capital Goods	<a href="#">Capital Goods Calculation</a>				
Category-3: Fuel & Energy related					
Diesel				0.62409	<a href="#">DEFRA 2024 Emission factor database</a>
Petrol				0.60664	
LPG				349.2928	
Electricity T&D Losses				0.727	
Category-4: Upstream transportation					
Car- Diesel	0.15191	0.000005	0.00165	0.153565	<a href="#">DEFRA 2024 Emission factor database</a>
Car- Petrol	0.2	0.00027	0.00044	0.20071	
Two-wheeler	0.11138	0.00177	0.00052	0.11367	
HV	0.52635	0.00011	0.00532	0.53178	
Mini Truck	0.24858	0.000005	0.00165	0.250235	
Outbound Logistics					
Road	0.52635	0.00011	0.00532	0.53178	<a href="#">DEFRA 2024 Emission factor database</a>
Air	1.09356	0.00006	0.00542	1.09904	

Sea	0.01592	0.00001	0.00019	0.01612	
Category-5: Waste Generated In Operations					
Hazardous Waste (FRP)				520.3342	DEFRA 2024 Emission factor database
Empty Drums				520.3342	
Category - 6: Business Travel					
Car- Petrol	0.16382	0.00036	0.00032	0.1645	DEFRA 2024 Emission factor database
Car- Diesel	0.16817	0.000005	0.00167	0.169845	
Rail	0.0351	0.00008	0.00028	0.03546	
Hotel Stay				58.9	
Category-7: Employee Commute					
Car- Diesel	0.16817	0.000005	0.00167	0.169845	DEFRA 2024 Emission factor database
Car- Petrol	0.16382	0.00036	0.00032	0.1645	
Car- CNG	0.17301	0.00177	0.00036	0.17514	
Company provided Transport	0.12909	0.00002	0.00088	0.12999	
Public transport- Bus	0.12909	0.00002	0.00088	0.12999	
Taxi- Car	0.20638	0.000005	0.00167	0.208055	
Two-wheeler: Petrol	0.11138	0.00177	0.00052	0.11367	
Cycle/walking	0	0	0	0	
Auto	0.10768			0.10768	

## Chapter- 6: Summary

Following the above-mentioned calculations methods, the GHG inventory estimation is done for the following scopes i.e., Scope 1, Scope 2 & Scope 3.

**Table 8: Emission Summary**

Organizational Emissions	Type of Activity	tonne CO <sub>2</sub> e	Contribution
Scope 1	Stationery Combustion	16	4.00%
	Mobile Combustion	39	9.75%
	Process Emissions	3	0.75%
	Fugitive Emissions	2	0.50%
Scope 2	Purchased Electricity	339	84.75%
Total scope 1+2 emissions (t-CO <sub>2</sub> e)		400	
Scope 3	Category-1: Purchased Goods and Services	15016	90.65%
	Category-2: Capital Goods	33	0.20%
	Category-3: Fuel and Energy related	63	0.38%
	Category-4: Upstream Transportation & Distribution	1049	6.33%
	Category-5: Waste Generated in Operations	50	0.30%
	Category-6: Business Travel	3	0.02%
	Category 7: Employee Commute	351	2.12%
Total Scope 3 emissions (t-CO <sub>2</sub> e)		16565	
Total Scope 1+2+3 emissions (t-CO <sub>2</sub> e)			

*\*Note: All the values presented in the above table are rounded-up figures*

## Chapter- 7: Exclusions of GHG Emissions

Some emissions sources have been excluded from this GHG Inventory estimation due to their insignificance or a lack of suitable activity data. Below, you will find the specific details regarding these exclusions.

### 7.1 Exclusion of GHG Emissions from Scope 3

Pramod Fibre Plast Pvt. Ltd. is committed to reporting its GHG Inventory in accordance with the GHG Protocol Value chain Accounting and Reporting standard.

The Company has opted to exclude specific categories from its current Scope 3 emissions reporting due to the following reasons:

- **Outside of operational control:** The excluded categories (Categories 8, 9, 10, 11, 12, 13, 14, and 15) fall outside of Pramod Fibre Plast Pvt. Ltd.'s direct operational control. Accurately quantifying emissions associated with these aspects of the value chain can be challenging due to reliance on external data or a lack of influence over the activities themselves.
- **Focus on Materiality:** Pramod Fibre Plast Pvt. Ltd. has prioritized reporting on categories with the most significant potential impact on its overall GHG footprint.

Table below shows the GHG emission sources excluded under Scope 3 emissions category by the reporting organization in this reporting period 2024

**Table 9: Exclusions of GHG Emissions**

Scope 3 Categories	Status	Justification of Exclusion
<b>Category-8: Upstream Leased Assets</b>	Excluded	Pramod Fibre Plast Pvt. Ltd. Does not have any Upstream Leased assets in its operational control.
<b>Category-9: Downstream transportation &amp; Distribution</b>	Excluded	Finished goods are transported to the customers through third-part logistics provider. Hence, it is included under outbound logistics in Category-4. Therefore, category-9 is not applicable.
<b>Category-10: Processing of Sold Products</b>	Excluded	The company does not have direct control on this category
<b>Category-11: Use of Sold product</b>	Excluded	The company does not have direct control on this category
<b>Category 12: End-of-life Treatment of Sold Products</b>	Excluded	The company does not have direct control on this category



<b>Category 13: Downstream Leased Assets</b>	Excluded	No downstream equipment leasing activities occurred during the reporting period, rendering this category not applicable.
<b>Category 14: Franchises</b>	Excluded	Franchises are not applicable to Pramod Fibre Plast Pvt. Ltd.
<b>Category 15: Investments</b>	Excluded	Pramod Fibre Plast Pvt. Ltd. as a company does not have any investments. Hence, this category is not relevant to Pramod Fibre Plast Pvt. Ltd..

## Chapter 8: GHG Information Management procedures for Document Retention and Record keeping

Pramod Fibre Plast Pvt. Ltd.'s procedures for managing GHG (Greenhouse Gas) information, particularly in relation to document retention and record keeping, are structured to ensure the secure and comprehensive handling of all documentation tied to our GHG emissions, mitigation efforts, and broader sustainability actions. These procedures play a critical role in promoting transparency, regulatory compliance, and effective monitoring of our environmental impact over time.

**Data Collection and Documentation:** Pramod Fibre Plast Pvt. Ltd. Has undertaken a systematic approach to gather and document emissions-related data from various internal sources. Each data entry is carefully recorded, specifying the origin, timeframe, and type of emissions. Documents associated with the GHG inventory, emission metrics, calculations, and related reports are classified based on their relevance, significance, and compliance requirements.

**Supporting Documentation:** In support of reported data, Pramod Fibre Plast Pvt. Ltd. retain all relevant evidence, such as fuel usage logs, utility bills, invoices, excel tracking sheets and other supporting documents that help validate our emissions figures.

**Reporting Schedule:** Pramod Fibre Plast Pvt. Ltd. adheres to a defined reporting timeline typically on an annual basis during which emissions data is compiled from different departments and sources across the organization.

**Structured Record Keeping:** Pramod Fibre Plast Pvt. Ltd. maintains a well-organized system for managing all records associated with emissions, ensuring that each document is categorized, labelled, and stored as per our internal data management standards.

**Retention Period:** A clearly defined retention period has been established for all GHG-related records, based on regulatory expectations, industry norms, and our internal governance policies & requirements.

**Data Security and Access Control:** To protect the integrity of the data, the company implements robust security protocols. Access to sensitive records is limited strictly to authorized individuals to ensure confidentiality and control.

**Compliance and Auditing:** The company's record keeping practices are aligned with relevant regulations and are structured to support both internal and external audits. Independent auditors may review our documentation to assess the accuracy of reported emissions and the validity of our reduction strategies.

**Continuous Improvement:** These records also support our dedication to continuous progress. By analysing historical data, Pramod Fibre Plast Pvt. Ltd. can identify patterns, evaluate the impact of our sustainability initiatives, and make informed decisions for future environmental strategies.

## Appendix

### A. Base Year GHG Inventory

This report presents data collected for the operational period from 1<sup>st</sup> April 2024 to 31<sup>st</sup> March 2025, reflecting Pramod Fibre Plast Pvt. Ltd.'s ongoing commitment to GHG emissions reporting. For the purpose of emissions tracking and target setting, FY 2024-25 has been designated as the baseline year for the company's GHG inventory.

Category	UoM	Emissions
Scope-1: Direct Emissions	t-CO <sub>2</sub> e	60
Scope-2: Indirect emissions from electricity	t-CO <sub>2</sub> e	339
Scope-3: Value Chain Emissions	t-CO <sub>2</sub> e	16565
Total Scope 1 + 2 Emissions	t-CO <sub>2</sub> e	400
Total Scope 1+2+3 Emissions	t-CO <sub>2</sub> e	16965

### B. Uncertainty Assessment

The emissions reported within this GHG Inventory Report are derived from records meticulously maintained by Pramod Fibre Plast Pvt. Ltd. throughout its operational period. This data collection serves as a crucial initiative for monitoring the company's GHG footprint.

To ensure comprehensive accounting, employee commuting emissions were incorporated through a company-wide survey capturing commute distances and travel modes utilized by each employee

Furthermore, emission factors employed for calculations were meticulously sourced from reputable references such as IPCC- AR 6 & DEFRA's 2024 GHG Conversion Factors for Company Reporting, and other publicly available resources. Consequently, the uncertainties considered by the IPCC are directly applicable to the current GHG inventory.

- The IPCC Reports establish a default uncertainty range of plus or minus 5% for fossil fuel combustion data. This translates to the following interpretation:
- The lower limit of the 95% confidence interval is calculated as 95% of the point estimate.
- The upper limit of the 95% confidence interval is calculated as 105% of the point estimate.

## GHG Inventory Report Summary

This Table is in reference to ISO 14064-1:2019 “Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals” reporting standard.

Person or Entity Responsible for the report		Pramod Fibre Plast Pvt. Ltd.			
Reporting Period Covered		From	1 <sup>st</sup> April 2024	To	31 <sup>st</sup> March 2025
Organizational Boundaries/ Inventory Boundary		Refer Chapter -2 of this report			
Reporting Boundaries		Refer Chapter -3 of this report			
Emissions		Notes	Total (t- CO2e)		
1	Scope-1: Direct GHG Emissions		60		
1.1	Direct emissions from Stationary combustion		16		
1.2	Direct emissions from Mobile combustion		39		
1.3	Direct fugitive emissions from the release of GHGs in anthropogenic systems		2		
1.4	Process Emissions		3		
Indirect Emission in t- CO2e					
2	Scope-2: Indirect GHG emissions from Purchased Electricity		339		
2.1	Indirect GHG emissions from purchased electricity		339		
2.2	Indirect GHG emissions from imported energy	NA	0		
3	Scope-3: Indirect Emissions		16565		
3.1	Category-1: Purchased goods and Services		15016		
3.2	Category-2: Capital Good		33		
3.3	Category-3: Fuel & Energy Related		63		
3.4	Category-4: Upstream Transportation and Distribution		1049		
3.5	Category-5: Operational waste		50		
3.6	Category-6: Business Travel		3		
3.7	Category-7: Employee Commuting		351		
3.8	Category-8: Upstream Leased Assets	NA	0		



3.9	Category-9: Downstream Transportation and Distribution	NA	0
3.10	Category-10: Processing of Sold products	NA	0
3.11	Category-11: Use of Sold Products	NA	0
3.12	Category-12: End-of-life Treatment of Sold products	NA	0
3.13	Category-13: Downstream Leased Assets	NA	0
3.14	Category-14: Franchises	NA	0
3.15	Category-15: Investments	NA	0
<b>Other related Information</b>			
	Performance tracking (emissions by metric)	Refer <b>Chapter 4</b> of the GHG Emission Inventory report	
	Base year GHG, stocks; and adjustments to base year	Refer <b>Appendix</b> of the GHG Emission Inventory report	
	Statement of emissions (CO <sub>2</sub> e) per unit of relevant units	Refer <b>Executive Summary</b> of the GHG Emission Inventory report	
	Uncertainty assessment	Refer <b>Appendix (Section B)</b> of the GHG Emission Inventory report	

**\*Note: All the values presented are rounded-up figures**