



## **2022 ARCHROMA SUSTAINABILITY AWARDS**

**Application Form : “Sustainable Environment friendly Packaging Solution”.**

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## 2. Title of the application: Sustainable Environment friendly Packaging Solution

### **Project 1: HDPE Drums with Re-Processed Granule :**

This is the combination of 90% Virgin & 10% Re-process Granule usage in 100 Ltr HDPE Narrow Mouth drums. We have started supplies to Ankleswhar Unit from July 2022. This is initial phase of trail to establish customers confidence & feedback. We have planned to roll out this concept From Jan. 2023 for other category of HDPE PM & factories. As a part of continuous process we will increase Re-processed Granule's contribution from 10% to 20-30%.

### **Project 2: Refurbished CP3 Pine wood pallet :**

Usage of Exports Pallets with Imported Refurbish pallets which are being Heat Treated as per ISPM Standards and refurbish to improve the strength the pallet. This process helps us to protect Trees and Environment. We have saved 6870 Pine trees due to this process.

### **Project 3: Re-Bottled IBC 1000 Ltrs :**

This is process of partial refurbish IBC in which the HDPE container is of virgin material whereas Metal Cage & IBC pallet is of Refurbish material. These are UN approved & certificate packing material being used for Domestic & Exports. This process benefits us in terms of sustainability and cost saving.

### **Project 4: Refurbished IBC 1000 Ltrs :**

This is 100% refurbish IBC which is being cleaned & verified as per Archroma Standards. AT present we are using for PP division products and specific customer segment. This supports us Cost saving and sustainability parameters.

### **Project 5: Refurbished HDPE 210 Narrow mouth Drum :**

This is 100% refurbish HDPE 210 Narrow Mouth Drum which is being cleaned & verified as per Archroma Standards. AT present we are using for PP division products and specific customer segment. This supports our Cost saving and sustainability parameters.

**4. Award category**

Please choose one of the following award categories. If you wish to apply for several categories, please complete one application form per category.

I/we apply for the following category (select only one per form, 2 forms maximum):

- Business Win
- Diversity & inclusion
- Environment**
- Excellence
- Innovation
- Safety First
- Sustainable partnership

**5. Elevator pitch**

Sustainability: bridging the gap between intention and action, this is the step towards Archroma way to Sustainable world as a part of Corporate Social Responsibility towards Environment safety initiatives taken from UN Goals. This action supports us to protect Environment and safeguard natural resources & also helps in cost reduction.

**6. Describe how your project and its impact help achieving the category-specific criteria**

1. **Project 1:** Re-Processed Granules (90% Virgin HDPE/10% Re-processed granules) started from Jul-22 100 ltrs Narrow Mouth and till date 1200 no's drum are procured and HDPE saving is 500 gms per pc and cost per pc saving is average INR 3 per pc.

FY Year	No of Packages used	Pattern	Amount Saved in INR	Amount Saved in USD	Saving of New HDPE Granules in KGs
Jul-22	1200	Reprocess 100 NW Drum (90/10)	3600	46	600

2. **Project 2:** Refurbished Pallets -
  - a. Virgin Earthly Material not used-632 TON Pine wood.
  - b. Cost saving - 140 TUSD

FY Year	No of Pallets used	Amount Saved in INR	Amount Saved in USD	No of Trees Saved	Pine wood Saved KGs
2017-2018	6561	2394765	32582	1640	1,50,903
2018-2019	5475	1998375	27189	1369	1,25,925
2019-2020	5059	2038205	27731	1265	1,16,357
2020-2021	6720	2538763	34541	1680	1,54,560
2021-2022	3665	1335867	18175	916	84,295
<b>TOTAL</b>	<b>27480</b>	<b>10305975</b>	<b>140217</b>	<b>6870</b>	<b>6,32,040</b>



3. **Project 3,4 & 5:** Shared the analytical tabular view for impact benefits
  - a. Virgin Earthly Material not used-113 TON HDPE and 119 TON Metal=232TON
  - b. Cost saving - 230 TUSD

FY Year	No of Packages used	Pattern	Amount Saved in INR	Amount Saved in USD	Saving of HDPE Granules in KGs	Saving of Steel in KGs
2020-2021	666	Refurbish IBC	3479565	46394	13986	22644
2021-2022	1196	Refurbish IBC	6485724	86476	25116	40664
<b>TOTAL</b>	<b>1862</b>		<b>9965289</b>	<b>132870</b>	<b>39102</b>	<b>63308</b>
2020-2021	714	Refurbish Drums	251094	3348	5855	-
2021-2022	5915	Refurbish Drums	2963995	39520	48503	-
<b>TOTAL</b>	<b>6629</b>		<b>3215089</b>	<b>42868</b>	<b>54358</b>	<b>-</b>
2020-2021	742	Rebottled IBC	1976189	23519	8904	25228
2021-2022	896	Rebottled IBC	2371060	31614	10752	30464
<b>TOTAL</b>	<b>1638</b>		<b>4347249</b>	<b>55133</b>	<b>19656</b>	<b>55692</b>
<b>GRAND TOTAL</b>	<b>10129</b>		<b>1,75,27,627</b>	<b>230871</b>	<b>113116</b>	<b>119000</b>



**7. Describe how your project supports “The Archroma Way to a Sustainable World: Safe, efficient, enhanced, it’s our nature”**

- a. These projects support us to safeguard natural resources in a optimum manner as we are using refurbish wood, metal. This also helps to avoid generation of PE Waste upto certain extend which helps to protect environment which is creating pollution during salvage of HDPE packages.

**8. Describe how your project demonstrates the company mindset “Everybody sells!” supported by our ACTS**

We are in a position to represent Archroma in the market as sustainable organization supporting and caring to prevent use of natural resources. This helps to improve the image with our customers.

We have introduce Sustainable Gift for our customers and stake holders as wooden mobile stand made out of recycled wooden waste pallets. This gift is well appreciated by all receivers as our steps towards sustainable solution and innovative ideas “Best out of Waste”. In current scenario mobile is become lifeline of every individual hence this stand remain on the desk of the customer will to visible Archroma name in their mind always.



I declare to have read and accepted the privacy policy: <https://www.archroma.com/archroma-sustainability-awards-policy>

**In case the submitted project belongs to a team, I declare that I have the authorization of all of them and that they have read and agreed with the privacy policy (attach to the submission!!!).**