

Hero MotoCorp Ltd, Gurgaon

Single use Plastic Free Plant

Presenter:

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14th Jun' 2023

External-Confidential

1. Project Brief: SUP Free Plant

Date of commencement	May'2022
Date of completion of project	Jan'2023

Single use Plastic Free Gurgaon Plant

Trigger of the Project

Top management commitment towards sustainability & green manufacturing

We must do something for the community from whose land we generate our wealth.

Dr. Brijmohan Lall Munjal
(Chairman Emeritus)

Sustainability remains at the heart of everything that we do

Dr. Pawan Munjal
(Chairman)

ENVIRONMENT POLICY

We at Hero MotoCorp are committed to demonstrate excellence in our environmental performance on continual basis, as an intrinsic element of our corporate philosophy.

To achieve this, we commit ourselves to:
 -Integrate environmental attributes and cleaner production in all our business processes and practices with specific consideration to substitution of hazardous chemicals, where viable and strengthen the greening of value chain.

-Continual product innovation and life cycle analysis to minimize environmental impact of our products through its life cycle;
 -Continual improvement in environment management system;
 -Comply with all applicable compliance obligations;

-Protection of environment through prevention of pollution and reducing environmental risk, climate change mitigation and adaptation, protection of biodiversity and ecosystems;

-Controlling our environmental discharges through the principles of "ALARA (As Low As Reasonably Achievable), to enhance our environmental performance;

-Institutionalize resource conservation, in particular, in the areas of materials, oils, water, energy, paints and chemicals;

-Promoting environmental awareness & training amongst employees, workmen, dealers, suppliers and contractors through their participation and consultation in sound environmental management.
 We shall communicate this policy within the organization and would make it available to all interested parties.

Place: New Delhi
 Date: 04.11.2019

(Signature)
 Vikram S. Kabeskar
 Occupier

Uniqueness of the Project

- SUP Free Certified Plant in first attempt and **first one in the automobile industry**. It helps us in understanding our organization consumption profile and strive towards responsible consumption.
- In 3 R's Reduce, Reuse, Recycle add more 3 R's **Remove, Refuse and Rally**
- Replace Single Use Plastic items with other items saves us from frequently buying and replacing stock.
- **Greenhouse gas reduction**, building stronger brand identity and also reduced legal exposure.
- Fundamental behavioural change from all employees.
- Support to Govt. of India "Swachh Bharat Abhiyan" to become **ATMA NIRBHAR BHARAT**
- **Beyond Compliance**- In place of 14 items we eliminate 21 SUP items from plant.
- From Plastic Pollution to Solution
- Journey Towards **Plastic Neutrality**
- Transforming from **throwaway culture** to a **circular economy**

Project:- Single Use Plastic Free Plant

To Support Sustainable Development Goal

we care for a sustainable tomorrow

Reserve

Reserve resources for future



Respect

Respect human dignity & integrity



Reform

Reform to a resilient eco-system



Plastic takes centuries to decompose in the natural environment

9 Steps- Single Use Plastic Free Plant Journey at Gurgaon

Section Layout indicating waste generation areas

SUP items status at HM2G

Implementation of Improvement Projects achieve Zero Single Use Plastic in plant

Horizontal Deployment in HMCL

Forming Cross-Functional team, Training & Develop strategy

List of SUP items identified & ban at HM2G

Employee Engagement Drive & Communication to stake holders

Certification by 3rd Party

Sharing of best practices

Major milestones of Project accomplishment



1.1 Defining of Sustainability goals, strategy & Forming CFT

Sustainability Goals



CFT Formed & Conducting Training on SUP of CFT members and senior leadership by External Faculty

CFT formed including members from top management to bottom, covering various functions

Functions covered

- Safety & Environment
- Purchase
- Supply chain
- Operations
- Human Resource

Hero MotoCorp's Gurgaon Plant ESG Targets aligned with HMCL Targets

Sustainable Packaging Strategy

NO PLASTIC	LESS PLASTIC	BETTER PLASTIC
<p>No SUP</p> <ul style="list-style-type: none"> SUP Free certification Using bins for vegetables Using paper folder 	<p>Reduce</p> <ul style="list-style-type: none"> Packaging improvement of cylinder block-FLC HDPE bags reduce by installing sludge dryer Introduce 6 ltr milk packed Using steel bottles for drinking water Using ceramic cutlery for snacks & tea <p>Reuse</p> <ul style="list-style-type: none"> Refilling pens and markers Installing virtual screens for communication instead of PVS flex banners <p>Refill</p> <p>Redesign</p>	<p>Recycle</p> <ul style="list-style-type: none"> Poly thickness as per Plastic waste Management Rules Conduct training Sharing of EHS newsletters & Bulletins Green Partner Development Program Declaration from vendors/ Suppliers/Contractors <p>Rethinking Behaviour</p>

SUP Free Plant process flow:

- Determining Scope & Boundary
- Communication
- Preparation Inventory
- Implementation
- Certification & Verification

Aligned with SDG's

Section Layout indicating Wastes generation areas

S. No.	Hazardous	Other Waste	Liquid	Gaseous	Bio-medical	E-waste	Plastic waste
Waste No's.	9	12	8	4	1	1	9



1.2 List of SUP Items identified & Banned at HM2G

Single-use plastics, often also referred to as disposable plastics, are commonly used for plastic packaging and include items intended to be used only once before they are thrown away or recycled. These include, among other items, grocery bags, food packaging, bottles, straws, containers, cups and cutlery.

List of SUP items banned by Govt. of India from 1st July'2022 onwards

Ban on identified Single Use Plastic Items from 1st July 2022

India has banned manufacture, import, stocking, distribution, sale and use of identified single use plastic items, which have low utility and high littering potential, all across the country from July 1, 2022.

Identified single use items which are banned include:

- Ear buds with plastic sticks
- Plastic sticks for balloons
- Plastic flags
- Candy sticks
- Ice-cream sticks
- Polystyrene (Thermocol) for decoration
- Plastic plates
- Cups, glasses, cutlery such as forks, spoons, knives, straw & trays
- Wrapping or packing films around sweet boxes
- Invitation cards
- Cigarette packets
- Plastic or PVC banners less than 100 micron, stirrers

Total 14 nos. of items banned

Beyond Compliance

List of SUP items banned at Gurgaon Plant from 1st July'2022 onwards

List of Items-

S No	Name of the article or object	S No	Name of the article or object
1	SIP Cutlery	7	Plastic flags
a	forks	8	PVC flex banners
b	knives	9	Plastic banners
c	spoons	10	Plastic buntings
d	chopsticks	11	Candy sticks
e	Beverage stirrers	12	Ice-cream sticks
f	Plastic Straws	13	Food containers (including those made of expanded polystyrene)
2	SUP Crockery	14	plastic bags/pouch for packing food item (not multilayered)
a	Plates	15	Drinking water sealed glasses
b	Glasses	16	Plastic water pouch
c	Cups	17	Plastic carry bags
d	Trays	18	Non-woven plastic carry bags
3	Ear buds with plastic sticks	19	Plastic dustbin liners
4	Plastic sticks for balloons	20	Plastic wrapping sheet
5	Wrapping/packing films around sweet boxes, invitation cards, and cigarette packets	21	Plastic lining films
6	Items of decoration (polystyrene)		

Proactively 21 items banned at HM2G

1.4 Employee Engagement Drive & Communication to stake holders

Rethinking Behaviour

Meeting cum Training conducted for vendors regarding SUP



Commonly Used Plastics

Commonly Used Plastics

- Single-use plastics, often also referred to as disposable plastics, are commonly used in plastic packaging and include items intended to be used only once before being thrown away or recycled. These include, among other items, grocery bags, food packaging, bottles, straws, containers, cups and cutlery.
- The ban covers categories of plastic and single-use applications.

Commonly Used Plastics

- Plastic bottles
- Plastic containers
- Plastic bags
- Plastic cups
- Plastic straws
- Plastic spoons
- Plastic chopsticks
- Plastic carry bags
- Plastic trays
- Plastic plates
- Plastic glasses
- Plastic water pouch
- Plastic carry bags
- Non-woven plastic carry bags

Environmental Issues of Plastic Waste

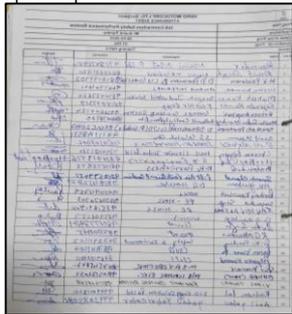
- Plastic waste is a major environmental issue. It makes landfills overflowing with plastic, an operation by which cause death and give off toxic fumes.
- Lack of proper system for plastic waste collection and segregation in cities/towns.
- Accumulation of non-recyclable plastic waste with no treatment/management.
- Open burning of plastic waste especially thermoplastic plastic waste in major towns and environmental hotspots, emits toxic gases.
- Leaching impact on soil, underground water etc. due to improper dumping of plastic waste (especially metals & pharmaceuticals).
- Recycling of irregular plastic manufacturing and recycling industries in industrial areas.

Banned Plastic Items at our Premises: HMCL

Item	Allowed	Not Allowed
Plastic bottles	Yes	No
Plastic containers	Yes	No
Plastic bags	Yes	No
Plastic cups	Yes	No
Plastic straws	Yes	No
Plastic spoons	Yes	No
Plastic chopsticks	Yes	No
Plastic carry bags	Yes	No
Plastic trays	Yes	No
Plastic plates	Yes	No
Plastic glasses	Yes	No
Plastic water pouch	Yes	No
Plastic carry bags	Yes	No
Non-woven plastic carry bags	Yes	No

Training attendance & MOM

S.No.	Description (Appendix wise)	Resn.	Schedule	Status
1	1 शर में जम्मा किये गये सामग्री को उचित ढंग में व्यवस्थित कर दिया जायेगा।	Guideline		
2	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Guideline		
3	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Guideline		
4	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Guideline		
5	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Respective Contractor		
6	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Guideline		
7	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Respective Contractor		
8	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Maintenance & Safety Team		
9	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	DG House Team		
10	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Guideline		
11	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Respective Contractor		
12	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Respective Contractor		
13	सभी कर्मचारी को जल व शुद्धता का महत्व समझा जायेगा।	Env. Team		



Notice sent to all vendors Regarding ban of SUP in the plant premises with the list of 21 items attached

To,
All HMCG Plant Vendors,
Sub: Single-use Plastics (SUP) free premises initiative
Dear Vendors,
In line with commitment towards sustainable packaging, SUP was banned in our organization i.e., Hero MotoCorp, Gurgaon Plant from 01.02.2019. Various Initiatives implemented regarding elimination of Single Use Plastic in our plant by respective teams.
Govt. of India and Haryana Government prohibited manufacturing, import, stocking distribution, sale and use of Single Use Plastic (SUP) commodities from 1/7/2022 as per Plastic Waste Management (Amendment) Rules, 2021.
Definition of SUP as per Plastic Waste Management Rules amended on 12.08.2021 "Single-use plastic commodity" mean a plastic item intended to be used once for the same purpose before being disposed of or recycled; Single-use plastics, often also referred to as disposable plastics, are commonly used for plastic packaging and include items intended to be used only once before they are thrown away or recycled. These include, among other items, grocery bags, food packaging, bottles, straws, containers, cups and cutlery.
In our company's end-to-end commitment, our plant premises, to be used from 01.07.22 onwards, shall be free from plastic liners, wrapping sheet and films.
A meeting regarding this initiative was held on 14.11.2022 at HM2G along with the MOM attached of the meeting conducted regarding SUP.
Our site aims to be certified as SUP Free and therefore, this is a mandatory requirement for all vendors and non-compliance to this, shall result in strict actions

S No	Name of the article or object	S No	Name of the article or object
1	SIP Cutlery	7	Plastic bags
a	forks	8	PVC flex banners
b	knives	9	Plastic banners
c	spoons	10	Plastic buntings
d	chopsticks	11	Candy sticks
e	Beverage stirrers	12	Ice-cream sticks
f	Plastic Straws	13	Food containers (including those made of expanded polystyrene)
2	SUP Crockery	14	plastic bags/pouch for packing food item (not multilayered)
a	Plates	15	Drinking water sealed glasses
b	Glasses	16	Plastic water pouch
c	Cups	17	Plastic carry bags
d	Trays	18	Non-woven plastic carry bags

Declaration by all the vendors

From: Rajat Agarwal <rajat@shreebhawans.com>
Date: Mon, Nov 14, 2022 at 4:52 PM
Subject: RE: Signoff Undertaking for SUP Free Certification (HMCO)
To: Ansh Meher <ansh.mehra@heromotocorp.com>
Cc: Pariksha Kaur <pariksha.kaur@heromotocorp.com>, Anshu Sharma <anshu.sharma@heromotocorp.com>

Dear Ansh Sir,
I confirm that we 100% adhere to not use SUP items for ongoing and future orders.

Respectfully,
Rajat Agarwal
Technical Head,
Prestelben Energy Pvt Ltd
Mobile: 9810013535

On Fri, Nov 11, 2022 at 2:29 PM Ansh Meher <ansh.mehra@heromotocorp.com> wrote:
Dear Sir,
As you are aware that our Hero MotoCorp, Gurgaon plant is going to implement Single Use Plastic (SUP) free certification and in continuation of this we required an undertaking on the form of commitment from our regular job contractors/vendors regarding stop using SUP.
An awareness session has also been taken in the month of August 22. The declaration commitment letter is attached herewith.
You are requested to confirm this commitment through mail & send 100% adherence by stopping the use of SUP items inside the plant premises.

From: "anand@indotechengineers.in"
Date: Mon, Nov 14, 2022 at 5:58 PM
Subject: RE: Signoff Undertaking for Single Use Plastic Free Certification (HMCO)
To: Rajat Agarwal <rajat@shreebhawans.com>
Cc: Deepak KJ Jhasia <deepak.k.jhasia@heromotocorp.com>

Dear Sir,
We are accepted this S. U. P. policies as per your format.
Warm regards,
Manoj Panchal
Indotech Engineers
Gali no - 7, Malerna Road, Near Bishambar Dayal Dwarani Kamra, Faridbagh 121004 Faridabad HR
Website: www.indotechengineers.in, Email: indotech4846@gmail.com
www.indotechengineers.in

Forwarded message
From: Vikash Shah <vikash@shreebhawans.com>
Date: Mon, Nov 14, 2022 at 11:55 AM
Subject: RE: Vendors Undertaking for SUP Free Certification (HMCO)
To: Ansh Meher <ansh.mehra@heromotocorp.com>
Cc: Anshu Sharma <anshu.sharma@heromotocorp.com>, Pariksha Kaur <pariksha.kaur@heromotocorp.com>, Preshan Sharma <presha@shreebhawans.com>, Rajat Agarwal <rajat@shreebhawans.com>

Dear Sir,
Greetings,
We are giving our commitment that we will avoid 100% use of plastic in HMCL, GGN plant.

67 contractors covered in training and Notice shared with them regarding ban of Single Use plastic at HM2G along with the MOM attached of the meeting conducted regarding SUP

Declaration given by all 67 nos. of contractors

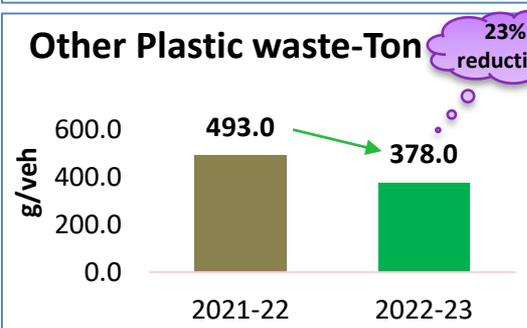


Future of Mobility

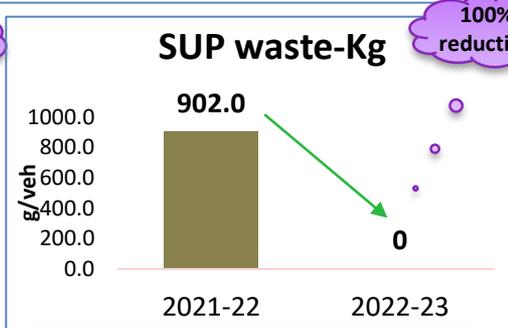
Create | Collaborate | Inspire

2. List all Tangible Benefits (2022-23)

- ❑ **100%** Single Use plastic eliminated from plant.
- ❑ Approx. **0.9 Tonne/Annum** of Single use Plastic eliminated from plant (In plant).
- ❑ Total savings/annum due to above projects is **Rs. 17 lacs/annum** approx.
- ❑ **2.87 Tones / Month** of Single use Polythene eliminated from HMCL Gurgaon (Vendor end)



116 tons of waste reduced



902 kg of waste reduced



Single Use Plastic Free Plant- 1st in Automobile Industry



3. List all Intangible benefits (2022-23)

S. No.	Category	Benefits		
1	People / Society Benefits	<ul style="list-style-type: none"> Reduction in CO2 emission by waste reduction, distance reduction and capacity utilization. By Banning SUP, India will easy achieve the SDG goal 2030 and reduce greenhouse gas emissions. Spreading Community awareness and efforts towards Beyond Compliance In align with the Theme #Beat plastic pollution Step towards Sustainability 		
2	Skill upgradation	<ul style="list-style-type: none"> Provides an opportunity to shift to more environment- friendly alternatives which resulted in creation of more job opportunities. 		
3	Attitude/ Shift development	<ul style="list-style-type: none"> Building consistency in policy and enforcement across HMCL 		
4	Employee Engagement Rethinking Behaviour	<table border="0"> <tr> <td style="vertical-align: top;"> <p>Employees</p> <p>How did we engaged?</p> <ul style="list-style-type: none"> Regular internal communication Regular forums and panel events Regular surveys and webinars Periodic performance and development reviews Collective action for employees <p>Key topics covered?</p> <ul style="list-style-type: none"> Corporate strategy and workplace culture Need to show individual efforts on environment front Sustainability and regeneration Internal and external reporting of non-compliance concerns and questions <p>What did we do?</p> <ul style="list-style-type: none"> Conduct external trainings Continues to raise awareness by conducting promotional activities and sharing of EHS bulletins Conduct reviews and performance meetings Promote sustainability by giving recycled gifts in various competitions </td> <td style="vertical-align: top;"> <p>Suppliers/ Vendors/ Contractors</p> <p>How did we engaged?</p> <ul style="list-style-type: none"> Periodic suppliers meetings & workshops Regular environment & safety trainings for contractors Annual conference Periodic audits and assessments <p>Key topics covered?</p> <ul style="list-style-type: none"> Internal and external stakeholder performance Need to show individual efforts on environment front Best practices at HMCL Internal and external reporting of non-compliance concerns and questions <p>What did we do?</p> <ul style="list-style-type: none"> Conduct trainings Continues to raise awareness by GDPD program & sharing of best practices Conduct reviews and performance meetings Promote sustainability by giving recycled gifts in various competitions Declaration by Suppliers/ Vendors </td> </tr> </table>	<p>Employees</p> <p>How did we engaged?</p> <ul style="list-style-type: none"> Regular internal communication Regular forums and panel events Regular surveys and webinars Periodic performance and development reviews Collective action for employees <p>Key topics covered?</p> <ul style="list-style-type: none"> Corporate strategy and workplace culture Need to show individual efforts on environment front Sustainability and regeneration Internal and external reporting of non-compliance concerns and questions <p>What did we do?</p> <ul style="list-style-type: none"> Conduct external trainings Continues to raise awareness by conducting promotional activities and sharing of EHS bulletins Conduct reviews and performance meetings Promote sustainability by giving recycled gifts in various competitions 	<p>Suppliers/ Vendors/ Contractors</p> <p>How did we engaged?</p> <ul style="list-style-type: none"> Periodic suppliers meetings & workshops Regular environment & safety trainings for contractors Annual conference Periodic audits and assessments <p>Key topics covered?</p> <ul style="list-style-type: none"> Internal and external stakeholder performance Need to show individual efforts on environment front Best practices at HMCL Internal and external reporting of non-compliance concerns and questions <p>What did we do?</p> <ul style="list-style-type: none"> Conduct trainings Continues to raise awareness by GDPD program & sharing of best practices Conduct reviews and performance meetings Promote sustainability by giving recycled gifts in various competitions Declaration by Suppliers/ Vendors
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4. Horizontal deployment in HMCL-Replication potential and progress of project assimilation cross functional / within group plants.

S. No	Plant	Year of Implementation/ Start	Status
1	Hero MotoCorp Ltd, Dharuhera (HM1D)	2023-24	Under Progress (will be certified by Aug'23)
2	Hero MotoCorp Ltd, Haridwar (HM3H)	2023-24	Under Progress (will be certified by Aug'23)
3	Hero MotoCorp Ltd, Neemrana (HM4N)	2023-24	Under Progress (will be certified by Aug'23)
4	Global Parts Center (HP3N)	2023-24	Under Progress (will be certified by Aug'23)
5	Hero MotoCorp Ltd, Vadodara (HM5V)	2023-24	Under Progress (will be certified by Aug'23)
6	Hero MotoCorp Ltd, Tirupati (HM6T)	2023-24	Under Progress (will be certified by Aug'23)
7	Center of Innovation & Technology, Jaipur (CIT)	2023-24	Under Progress (will be certified by Aug'23)

SUP manual Prepared

Order released for all other units of HMCL



Action plan for implementation

Milestone	Task	Start	End	Responsibility	
Step-1	Project inception	Sensitization/ Capacity Building Training	24-May-23	24-May-23	HMCL/CII
Step-2	Defining the project	Determination of Scope of the project	25-May-23	31-May-23	HMCL
		Determination of boundary of the project	25-May-23	31-May-23	HMCL
		Finalization of scope & boundary of the project	01-Jun-23	07-Jun-23	CII
Step-3	Data Collection	Plastic Inventory Data Collection	08-Jun-23	22-Jun-23	HMCL
		Data Analysis	23-Jun-23	29-Jun-23	CII
Step-4	GAP Analysis	SUP identification	23-Jun-23	29-Jun-23	CII
		Finalization of the Inventory sheet	30-Jun-23	06-Jul-23	HMCL/CII
		Implementation of CII suggestions	07-Jul-23	05-Aug-23	HMCL
Step-5	Implementation	Data collection and formatting for verification	07-Jul-23	05-Aug-23	HMCL
		Desktop data verification	06-Aug-23	15-Aug-23	CII
Step-6	SUP-free certification	Audit	16-Aug-23	22-Aug-23	HMCL/CII
		SUP free Certification	23-Aug-23	28-Aug-23	CII



5. Sharing of best practices- Replication potential of project within sector

- ❑ Sharing of case study with Board of Directors of Intertek from UK on 11th October 2022.
- ❑ Sharing of best practices with ACMA delegation visited to our Plant.
- ❑ Sharing of case study with vendors, supplier & dealers on 3rd April'2023.
- ❑ Sharing of best practices with Trainees - IAS Officer (IRS) visited to our Plant on 1st March'2023
- ❑ Going to share best practice with other automobile industries
- ❑ Sharing of best practices with Prominent management and Engineering students during plant visit.

Compliance & Implementation of EPR Guidelines under PWM Rules 2016



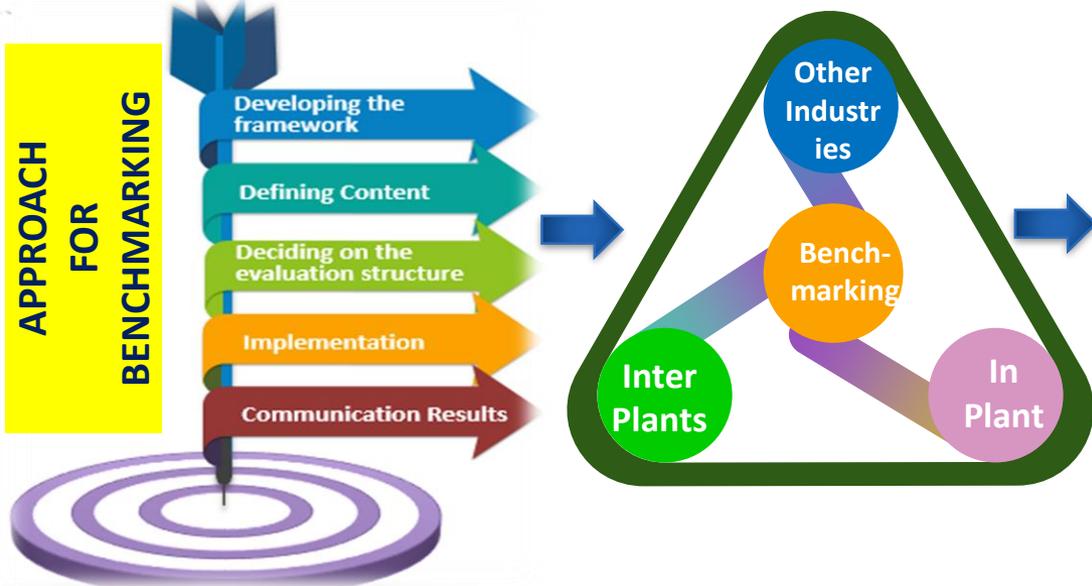
6. List of Challenges faced and brief on countering

Category	Challenges	Methods to Overcome
People	<ul style="list-style-type: none"> Less awareness amongst team for single use plastic Employees show resistance towards eliminating SUP which are an integral part of their daily life. Perception change of people from plastic to single use plastic. Skill development of the people for identification and mapping of the single use plastic. 	<ul style="list-style-type: none"> Sustained support to employees engagement on recycling and mandatory labelling Sharing EHS bulletins regarding Harmful effects of SUP items and promote recyclable items. Cloth bags distributed Training session conducted External Trainings organized for better understanding. SUP items list shared and connect one-to-one with department representatives and union people
Administrative	<ul style="list-style-type: none"> Face challenge of limited trained human resources to keep with the ambitious target. Increase in short-term fixed costs arising due to the transmission to recyclable items. In COVID19, to strengthen the requirements related to hygiene practices and to minimize the human touch and handling of food, there has been rise in the packaged food products. 	<ul style="list-style-type: none"> CFT formed including members from top management to bottom, covering various functions such as HR, purchase, supply chain, operations & safety. All concerned team engaged to improve their understanding of the environmental benefits of recycling and reuse. Waste to energy and approved by authorised agency
Technical	<ul style="list-style-type: none"> Changes in distribution systems & logistics due to change in item needs more time for implementation Efforts towards paperless organization Disposal of used paper cups 	<ul style="list-style-type: none"> Received technical support from CII. Various initiatives taken for paperless organization like e-learning modules, online portal, online audit system, IMS portal etc. Paper cups eliminated from the plant by use of reusable cups & glasses.

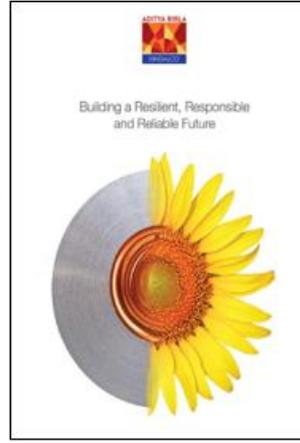
We have made Cross- functional team of including members from top to bottom from various departments and also external training organized to understand the plastic waste management system and to counter the challenges with various types of systems, procedures and projects. Detailed planning done and executed to achieve the goal by overcoming the challenges & barriers.

7. Achieving National benchmarks / Standards

Benchmarking Model- Peer Comparison & Improvement



National Benchmarking with Other Industries thru Study of Sustainability Reports/ Site Visits/ Attending Conferences & Seminars



Learning- SUP Free Plant

Studied following approach:

- ❑ Selected M/S CII which in joint with India (First in Asian country) launched a plastic protocol Certification body for certification of Single Use Plastic Free Plant .
- ❑ Studied and followed CPCB Report on Plastic Waste Management
- ❑ Followed UN environment report on SUP for implementing SUP Free plant.
- ❑ HMCL Gurgaon plant achieved 100% elimination of SUP from Plant.

Achieved Single Use Plastic Free as 1st Industry in Automobile in India.

- Adani Transmission
- Aditya Birla
- Hero MotoCorp Ltd.
- Hindalco
- IGI Airport

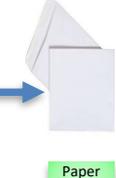


8. Priority Plans for Next years

Going to Become member of India Plastic Pact 2030

<p><i>Theme- A world where plastic is valued and doesn't pollute the environment</i></p>	<p><i>Resource Requirement</i></p>
<p>Horizontal Deployment of SUP Free Plant in all units of HMCL by Aug'23</p>	<p>Mng. Approved the amount of Rs 15 lacs and work is under progress</p>
<p>Working on Bio-degradable plastic packaging of our spare parts by 2025</p>	<p>Trials are going on</p>
<p>100% of plastic packaging to be reusable, recyclable or bio-degradable by 2025</p>	<p>Budget taken</p>
<p>100 % product recyclability by 2030</p>	<p>Sustainability team is working on it</p>

9. Top ten best practices which will form the core of approach for +1 and +2 year

S.No	Type of Plastic Waste	Activity	Method	Project	Status	S.No	Type of Plastic Waste	Activity	Method	Method	Status
1	Plastic dustbin liners	Eliminating SUP liners from dustbin	Eliminate	 →  Dustbin Liners → Without Liners	Completed	6	Plastic pouch	Reducing plastic packaging waste by Introducing of 6 litre milk packages	Reduce	 →  1 ltr packet → 6 ltr packet	Completed
2	Plastic carry bags	Introducing bins for buying vegetables	Eliminate	 →  Polythene → Reusable Bins	Completed	7	Plastic bottles	Replacing Plastic bottles with Steel / Glass bottles	Replace & Reuse	 →  Plastic Bottles → Glass Bottles	Completed
3	SUP Lining Folders	SUP Liner folders eliminated from plant by introducing Paper folder	Eliminate	 →  SUP Liner folders → Paper Folder	Completed	8	Plastic Cutlery	Plastic cutlery replaced with Ceramic cutlery	Replace & Reuse	 →  Plastic Cutlery → Ceramic Cutlery	Completed
4	HDPE bags	Reduce HDPE bags by installing sludge drying system	Reduce	 →  Sludge from Sludge De-watering M/c → Sludge from Sludge Drying M/c	Completed	9	PVC flex banners	Replacing Flex banners by introducing LED notice board and cloth banners	Redesigning	 →  →  PVC flex banner → LED Notice Board Display (6' Height X 9' Width) → Cloth banner	Completed
5	Packaging Material (Sustain)	Reducing Packaging material for cylinder block	Reduce	 →  Corrugation Box Uses Reduction(Gurgaon Plant) :- 2.87 Tones / Month of Single use Polythene eliminated	Completed	10	Packaging Material (Sustain)	Recyclable packaging material introduce to cover various parts	Recycle	 →   →   → 	Completed

10. Major learnings from the project implementation

1. Deep understanding of plastic waste management system and experiencing benefits from SUP Free initiatives.
2. Better utilization of the housekeeping team to save their time and increase their productivity.
3. Positive cultural effect to rethink and redesign how products are created, bought, used, and eventually disposed of.
4. Assists in lowering waste management costs and significantly reduces greenhouse gas emissions globally.
5. **Enhanced Cost consciousness among team.**
6. Enhanced Competency of team resulted more sustainability initiatives water positivity, carbon neutrality etc.
7. Sharing of SUP free efforts Globally in all facilities and supply chain.
8. Supports in changing LIFE (Lifestyle for Environment) & making Pro Planet Hero.



We have to make India
SINGLE USE PLASTIC free

#ChooseLiFE
#MissionLiFE

Thanks