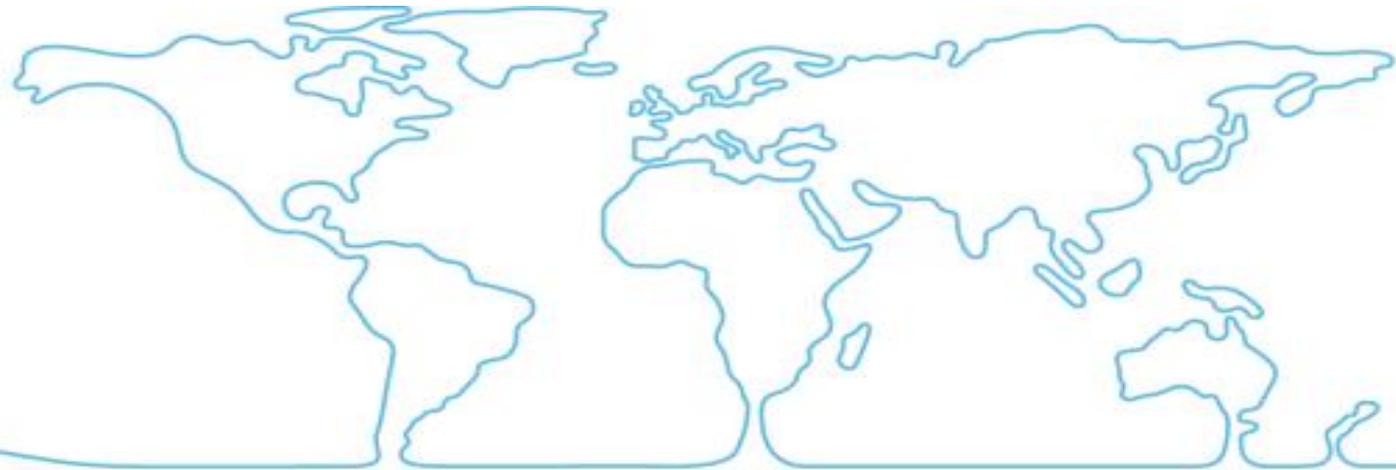




## **CII - National Award for Environmental Best Practices**

**Madura Coats Private Limited  
Ambasamudram**



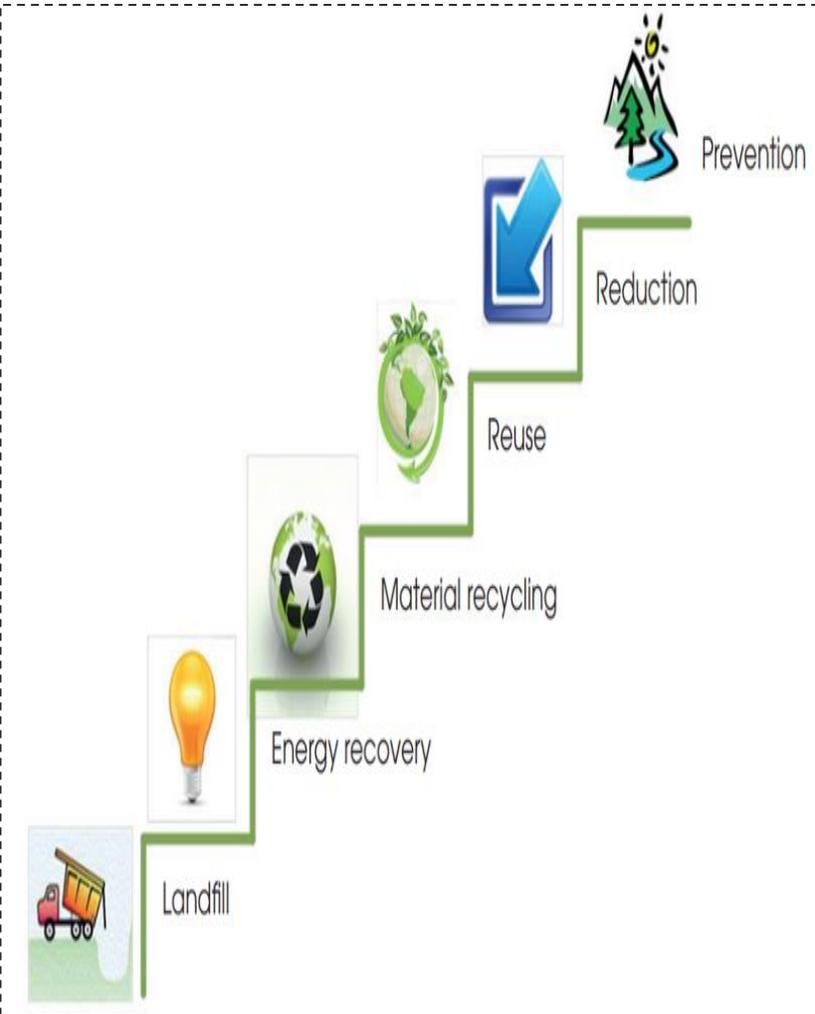
# Factory Profile – Madura Coats Private Limited, Ambasamudram



[Coats Threads | The World's Leading Industrial Thread Manufacturer - Coats](#)

- Coats is a world leader in thread manufacturing and structural components for apparel and footwear, as well as an innovative pioneer in performance materials.
- Headquartered in the UK, Coats is a FTSE250 company and a FTSE4Good Index constituent. Revenues in 2023 were \$1.4bn
- Ambasamudram site established in 1880.
- About **80% of the energy** used in the facility is from **Renewable Sources**: Wind – PPA, Onsite – Solar, Biomass Boiler.
- **80%** of the water used in the site is recycled
- Around **3.0 MW** capacity of solar panels installed in site.
- Around **2850 trees** available in the campus.

# Recycling dyed Plastic Support centres into 2-degree FG Cones



## Used plastic dye centers granulated and converted to Black cones for Finished good packaging



- Plastic dye supports used for dyeing cheese are granulated and converted into plastic pellets which are then used for producing two-degree black cones by mixing recycled pellets and plastic pellets in 60:40 ratio.
- Recycled black cones are used for winding the finished threads and supply to customers.

# Recycling dyed Plastic Support centres into 2-degree FG Cones

---



## Recycling dyed Plastic Support centres into 2-degree FG Cones



- 348 tons of plastic Dye supports recycled into black FG cones during FY 2022 & 2023 thus reducing virgin plastic consumption and waste percentage.

S.NO	Period	Quantity of Dye Support Recycled (in Tons)
1.	2022	187
2.	2023	161
		348

## Replication Potential

---

- Can be replicated across all dyeing industries which uses plastic dye center support for dyeing process.
  - This model can be replicated across industries with little modifications for recycling of materials.
  - We have implemented paper recycling based on the success of this model (paper card boards received in raw material is sent to paper industry for recycling and the recycled paper used in making cartons for finished product packaging)
-

## Tangible Benefits

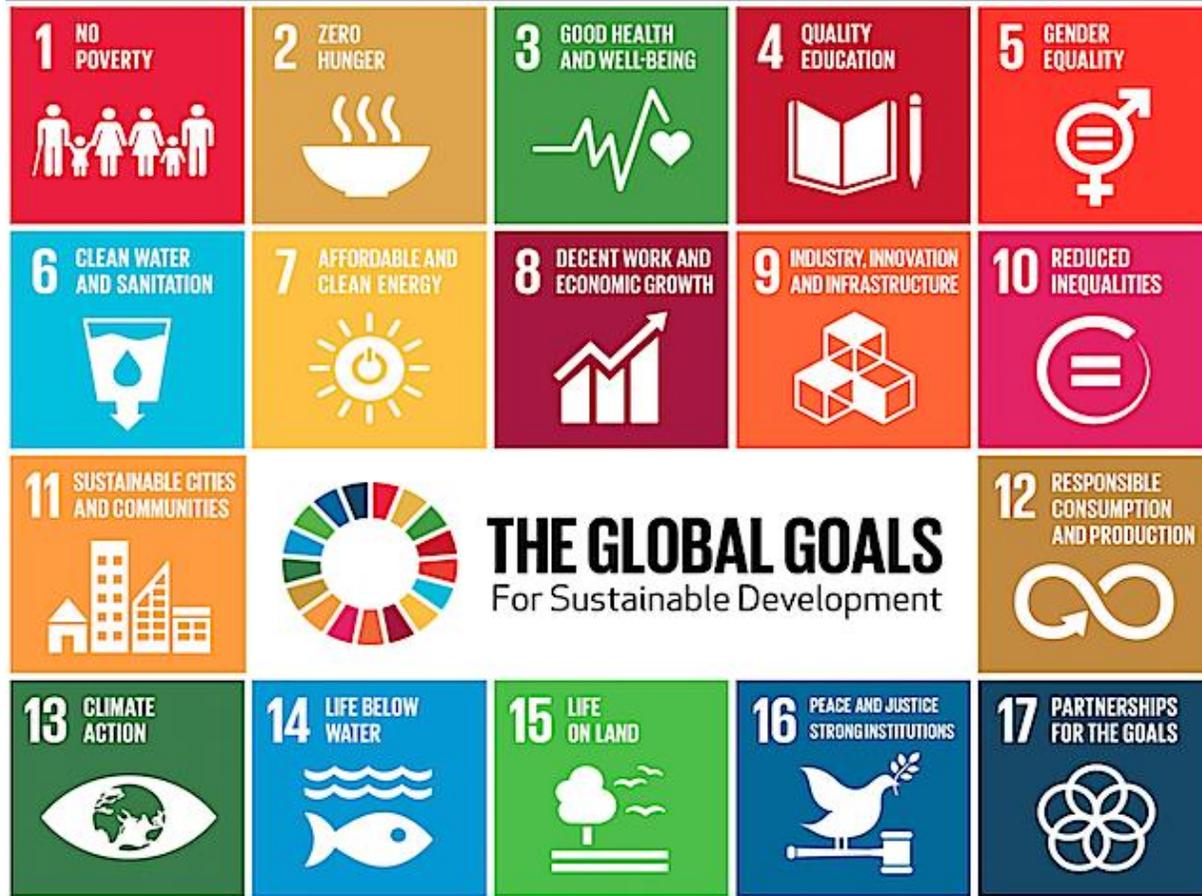
---

- 348 tons of plastic Dye supports recycled into black FG cones during FY 2022 & 2023 thus reducing virgin plastic consumption and waste percentage.

<b>S.NO</b>	<b>Period</b>	<b>Quantity of Dye Support Recycled (in Kg's)</b>	<b>Savings</b>
1.	2022	186694	Rs.46,67,355
2.	2023	160657	Rs.40,16,430
			Rs. 86,83,785

- Project has reduced the EPR liabilities for plastic packaging by around 340 tons leading to additional monetary savings.
-

# Intangible Benefits



- Contributes to Coats Sustainability strategy of zero waste to Landfill.
- Contributes to the Sustainable Development Goals
  - SDG 12 – Responsible Consumption & Production
  - SDG 13 – Climate Action
  - SDG 15 – Life on Land
- Decreases the overall quantity of virgin plastic material consumed.

# Extended Producers Responsibility (EPR)



- We have registered in CPCB EPR portal and have received EPR Authorization for Brand Owner & Importer category.
- As a responsible brand we have obtained EPR offset Credits for around 1300 tons of pre-consumer and post-consumer packaging materials for year 2022-23.



**Thank you**