

Panasonic (9) ENVIRONMENT IMPROVEMENT PROJECT Color Code Area For Improvement **Benchmarking** PANASONIC GLOBAL BENCHMARK **Less Sustainable** Sustainable Achievements Competitors Competitors Progress of zero-CO, model factories Reduce greenhouse gas emission to substantially zero by 2050 Comparative **Panasonic** Competitor - 1 Competitor - 1 Management From Japan, had lagged behind Analysis Global Nationa Environmental Care 2836 57 18 20 MINR <10 MINR Zero CO2 Emissions Factories Increase Renewable Energy Funding MINR MINR Current Factory Waste 98 9 % 35 % <4% 100% Recycling Rates USED CREATED Vision Procurement of Sustainable 1.5 Renewable Energy Resources 32000 MW 5.60 MW <1.0 MW **PLSIND UNITS BENCHMARK Panasonic** Comparative Competitor - 2 Competitor - 2 Analysis Global National Wires & Cables Division Environment Standards Wires & Cables Division **Energy Standards** Green House Gases 10,000 ❖ Copper Scrap Reduction 10 % 10 % 8 % < 5 % Emissions ❖ PVC Scrap Reduction 08 % ❖ 10% Decrease in Energy Through ❖ Water Consumption Reduction 05 % Utilization Waste Water 18.02 Renewable Resources ❖ Inventory Control Management Increase 05 % Discharge & million 60 % 35 % < 20 % Environment Care Funds Increase 10 % ❖ 05 % Decrease in Energy Recycling M3 Conversion of Disposable Hazardous Wastes To Consumption in Machines 3.4 Waste Landfill Recycling Wastes About 02 % Procurement of Energy 5 % < 5 % <5 % ❖ Increase Revenue Sources of Wastes 03 % Efficient Machines

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ENVIRONMENT IMPROVEMENT PROJECT



Priority Plans

Sr. No.	Environment Activities	Target Month	Resource Requirements
1	Reduction of Ground Water Extraction Load By 5.0 %	March-2022	Infrastructure and Technology
2	Reduction in Overall Expense of Hazardous Waste Load By 2.0 %	March-2022	Infrastructure and Technology
3	Increase in Overall Income of Hazardous Waste Load By 1.5 %	March-2022	Infrastructure and Technology
4	Increase in Effectiveness of Waste Management System	March-2022	Infrastructure and Technology
5	Reduction of Plastic Waste Load in Environment By 05 % Take Back of Plastic Waste From Market	March-2022	Expert Feasibility Study & Actual Implementation
6	Increase in Effectiveness of Chemical Management System	Oct-2021	Infrastructure and Technology
7	Energy Reduction In Machineries Through Effective Control Mechanism	Dec-2021	Infrastructure and Technology
8	Energy Control System Provision CII – Certified IFC System	June - 2021	-

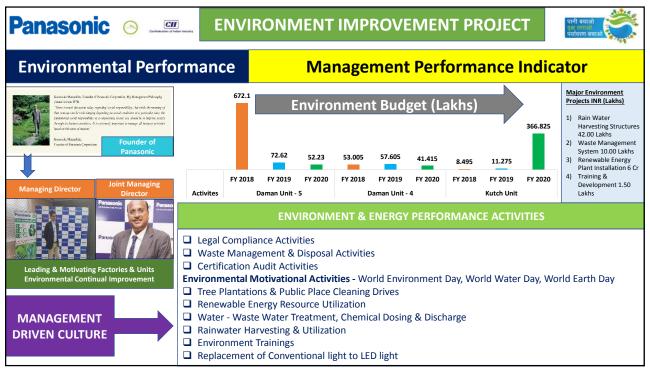
Panasonic 🕒 ... **ENVIRONMENT IMPROVEMENT PROJECT** Learnings Team Work Problem solving Morale Improved Communication Experience

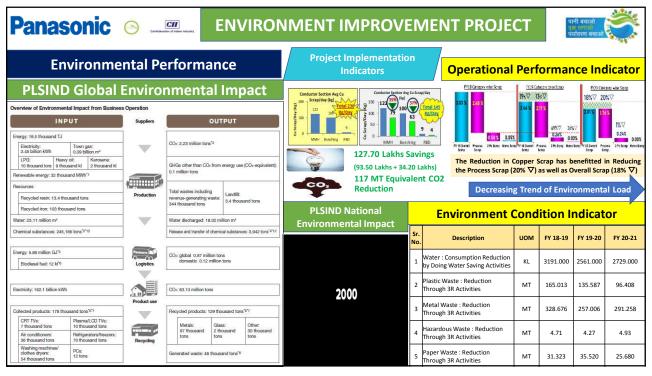


Environmental Good Practises

Learning & Development of

- Learn the importance of Material Conservation
- Management Level Appreciations
- Clear understanding of waste management system of the plant and conversion into resources
- Strengthening of waste segregation system
- ❖ Better utilization of waste collection system and resources
- Non-value added activities elimination
- Process flow of wastes at micro level
- Identification of Scrap at various sections which has less quantity but accountable for increment
- Better utilization of the waste through various projects such as Reduce, Reuse and Recycling
- Enhance Cost consciousness among team
- Strengthen Green Purchasing guidelines
- Enhanced Competency of team resulted more sustainability initiatives water positivity, CO2 Reduction
- Sharing of Good Practises at Global Level







will contribute to and abide by environmental and legal norms.