



CORPORATE ENVIRONMENTAL POLICY & DECARBONIZATION ROADMAP

Environmental Protection, Climate Action, Resource Efficiency & Pollution Prevention

Document Reference	ZIR/POL/ENV/002
Revision	01
Effective / Issue Date	01.04.2026
Review	At least annually and when significant environmental, legal, operational or stakeholder changes occur
Applicability	Ziran India operations and relevant activities within the applicable management-system / assessment scope
Owner	Management / EHS
Approval Authority	Managing Director
Status	Controlled Management-System Policy

1. Purpose

Ziran India is committed to protecting the environment associated with its operations through systematic identification and control of environmental aspects, pollution prevention, efficient use of energy and water, responsible management of materials and waste, solvent recovery where technically and operationally appropriate, and continual improvement. This policy integrates the existing environmental commitments and KPI framework with a forward-looking decarbonization roadmap.

2. Policy Scope

This policy applies to Ziran India operations, utilities, production, laboratories, storage, maintenance, procurement and support activities within the applicable management-system and assessment scope. Employees and relevant persons working under Ziran's control are expected to follow applicable environmental controls and contribute to resource-efficient practices.

3. Environmental Commitments

- Comply with applicable environmental requirements and maintain documented compliance controls.
- Identify significant environmental aspects, impacts, risks and opportunities and establish appropriate operational controls.
- Prevent and minimise pollution from emissions, effluent discharge, waste generation, chemical use and other relevant activities.
- Reduce unnecessary consumption of energy, water and materials and improve resource efficiency.
- Promote reduction, recovery, recycling and reuse of materials and waste wherever technically and operationally appropriate.
- Promote responsible solvent handling, recovery and reuse where technically feasible.
- Maintain environmental monitoring, records and performance indicators and use results for continual improvement.
- Maintain effective wastewater/effluent treatment and monitoring controls.
- Assess feasible renewable-energy opportunities and progressively increase renewable-energy use where technically and commercially appropriate.
- Provide environmental awareness and role-relevant training.
- Review environmental performance, objectives, risks, data quality and corrective/improvement actions through management review.

**ZIRAN INDIA****PLOT NO. D-89, MIDC, MIRAJ, MAHARASHTRA, INDIA**

4. Environmental Performance Baseline – Source-Based

The following baseline is taken from Ziran's controlled 2025–26 KPI record and historical EcoVadis evidence. It is not a new or independently verified measurement. Where a source discrepancy exists, it is explicitly identified.

Indicator	Unit	Baseline / result	Source	Policy / roadmap implication
Scope 1 GHG emissions	tCO ₂ e	0.0	2025–26 ZED 04 KPI	Maintain at 0 / minimise; verify boundary and activity data
Total energy consumption	MWh	590.0	2025–26 ZED 04 KPI	≤600 MWh/year in current KPI control
Renewable energy consumption	MWh	0.0	2025–26 ZED 04 KPI	Monitor and increase where feasible
Water consumption	kL	9,795*	2025–26 ZED 04 annual summary	Monitor/control; reconcile against monthly series
Pollutants emitted to water	kg	0	2025–26 ZED 04 KPI	0 / within applicable limits
Hazardous waste	t	0.0	2025–26 ZED 04 KPI	0 / controlled
Non-hazardous waste managed	%	100%	2025–26 ZED 04 KPI	Maintain 100% managed
Waste recovered	t	0.0	2025–26 ZED 04 KPI	Monitor/increase; strengthen weight-based recording
FY2024–25 water recycling	%	100% at recorded checkpoints	IMS Objective Tracker ZED 04	Maintain/review performance
FY2024–25 hazardous waste released	%	0% at recorded checkpoints	IMS Objective Tracker ZED 04	Maintain controlled handling

5. Decarbonization Roadmap – 2026 to 2028

The roadmap distinguishes established controls/results from proposed future targets. Proposed numerical reduction targets below are management-planning proposals and shall not be presented as approved commitments until authorised through the management-review process.

ID	Roadmap area	Commitment / target	Time horizon	Owner	Evidence / status	Classification
DC-01	GHG accounting boundary	Establish and document Scope 1 and Scope 2 organisational/operational boundary, activity data sources, emission factors and calculation method.	2026	Management / EHS	Controlled GHG inventory protocol and calculation sheet	Proposed / approval required
DC-02	Scope 1	Maintain Scope 1 emissions at 0 tCO ₂ e where supported by verified activity data; investigate any material fuel/emission source identified.	Annual through 2028	EHS / Engineering	Monthly fuel/activity records; annual inventory	Existing control/action
DC-03	Scope 2 baseline	Establish FY2026–27 Scope 2 electricity emissions baseline using controlled electricity data and documented emission factor source.	31.03.2027	EHS / Engineering	Annual Scope 2 tCO ₂ e calculation	Proposed / approval required
DC-04	Energy efficiency	Maintain annual energy consumption within the existing ≤600 MWh control level and identify measurable efficiency opportunities.	FY2026–27	Engineering / EHS	Monthly energy KPI and action records	Existing control/action
DC-05	Energy reduction proposal	Subject to management approval, reduce absolute purchased-energy consumption by 5% from the FY2025–26 baseline by FY2027–28, unless operational changes justify an approved alternative baseline.	31.03.2028	Management / Engineering / EHS	Annual MWh result vs approved baseline	Proposed / approval required
DC-06	Renewable energy	Complete technical and commercial feasibility assessment and record management decision on renewable-energy deployment.	31.12.2026	Management / Engineering	Feasibility assessment and decision	Existing control/action
DC-07	Renewable deployment proposal	Subject to feasibility and approval, introduce qualifying renewable-energy supply/self-generation and report renewable MWh in the same unit as total energy.	FY2027–28	Management / Engineering	Contracts/metering records + KPI	Proposed / approval required
DC-08	Scope 1+2 reduction proposal	After the Scope 2 baseline is established, set an approved quantitative Scope 1+2 reduction target for 2028 using a documented baseline and methodology.	31.12.2027	Management / EHS	Approved target + annual GHG inventory	Proposed / approval required

6. Resource Efficiency & Circularity Commitments

Area	Policy commitment / action	Owner	Review
Water	Monitor monthly consumption; investigate material increases; maintain water-quality/effluent controls; identify reuse/recovery opportunities.	EHS / Engineering	Monthly / annual review
Waste	Apply reduction, segregation, recovery, recycling and reuse principles; maintain controlled hazardous-waste routes; strengthen weight-based recovery records.	EHS / Operations	Monthly
Solvents	Monitor solvent recovery; optimise recovery systems and reuse recovered material where suitable.	Production / EHS	Periodic
Materials	Improve material efficiency and reduce unnecessary consumption through process, maintenance and operational controls.	Operations / Procurement	Periodic
Effluent	Operate and maintain ETP; monitor discharge quality; investigate deviations and retain records.	EHS / Utilities / QC	Periodic
Chemicals	Maintain responsible storage, handling, SDS/MSDS and spill-prevention controls through applicable procedures.	EHS / Stores / Production	Routine / periodic audit

7. Measurement, Monitoring & Reporting

- Environmental KPIs shall be monitored at the frequency defined in the controlled KPI Measurement Record.
- Energy, water, GHG, waste and effluent results shall be supported by meter/utility records, activity data, monitoring records, calculations or other applicable primary evidence.
- GHG reporting shall distinguish Scope 1 and Scope 2 and shall not infer emissions without a controlled emission-factor methodology and source activity data.
- Renewable-energy consumption shall be reported in the same unit as total energy consumption where measurable qualifying renewable energy is used.
- Targets shall include a baseline, quantitative goal and target year where a quantitative target is adopted.
- Environmental results, significant deviations, data-quality issues, action status and target progress shall be reviewed through management review.
- Historical partial-year records shall not be represented as full-year performance.

8. Governance & Responsibilities

Role	Responsibility
Managing Director / Senior Management	Approve policy, material objectives, resources and major decarbonization decisions; review performance.
Management / IMS	Maintain policy governance, objective register, KPI integration, management-review inputs and document control.
EHS	Coordinate environmental aspects, compliance, monitoring, KPI review, investigations and improvement actions.
Engineering / Utilities	Maintain energy/water/utility data, equipment efficiency and technical improvement actions.
Production / Operations	Implement operational environmental controls, solvent recovery and resource-efficiency measures.
Procurement	Support responsible sourcing of relevant materials, chemicals and environmental services.
Employees	Follow environmental procedures, prevent waste and pollution, report abnormalities and support resource-efficient practices.

9. Management Review & Continual Improvement

Environmental performance shall be reviewed through the integrated management-review process. Review inputs shall include KPI trends, energy and GHG performance, water consumption and quality, waste and recovery, solvent recovery, compliance obligations, significant environmental risks, action status, data quality, resource requirements and opportunities for improvement. Approved changes shall be entered into the controlled objective/KPI records.

- Priority improvement actions currently supported by source records include renewable-energy feasibility assessment, water-data reconciliation and abnormal-consumption investigation, stronger quantitative waste-recovery recording, continued energy monitoring and GHG data-quality improvement.
- Where performance is outside an approved target or control, the responsible function shall investigate cause, define corrective/improvement action, assign ownership and retain closure evidence.
- Policy effectiveness shall be assessed at least annually and following significant environmental, operational, legal or stakeholder changes.

10. Environmental Objectives & KPI Linkage

Area	KPI	2025–26 result	Current control	Frequency	Owner
Energy	K06	590.0 MWh	≤600 MWh/year	Monthly	Engineering / EHS
Renewable energy	K07	0.0 MWh	Monitor / increase	Monthly	Engineering / EHS
Water	K08	9,795* kL	Monitor / control	Monthly	EHS
Water pollutants	K09	0	0 / within limits	Monthly	EHS / QC
Hazardous waste	K10	0.0 t	0 / controlled	Monthly	EHS
Non-hazardous waste	K11	100% managed	100%	Monthly	EHS
Waste recovery	K12	0.0 t	Monitor / increase	Monthly	EHS
Scope 1 GHG	K05	0.0 tCO ₂ e	0 / minimise	Monthly	EHS



11. Evidence & Source Traceability

- Ziran Environmental Policy, Revision 01, effective 01.04.2026 — existing policy basis.
- Ziran Environmental Objectives & Action Plan, Revision 01, effective 01.04.2026 — objective/action framework.
- ZED 04 KPI Measurement Record, Revision 01, September 2025–August 2026 — current environmental KPI baseline.
- FY 2024–25 IMS Objective Tracker — historical checkpoints for LTI, training, workforce, water recycling, hazardous-waste release, legal compliance and related controls.
- Green House Gas production emission record, Jan–Jun 2025 — historical activity/emission evidence identified in the sustainability report evidence register.
- 2024 and 2025 EcoVadis submission archives — historical environmental policies, KPI, GHG, ETP, water, waste and related evidence.
- Ziran India Site Master File / Quality Manual, Revision 02.04.2025 — IMS governance, document control, environmental management and management-review framework.
- Ziran Annual Sustainability & ESG Performance Report 2024–25 & 2025–26 — consolidated historical/current reporting framework.

12. Approval & Controlled-Document Note

This policy is designed as a controlled management-system policy. Approval, signature and effective implementation shall be completed through Ziran India's authorised document-control process. Proposed decarbonization targets are clearly identified as proposals until management approval is recorded.

Role	Name / Signature
Prepared / Controlled By	
Approved By – Managing Director	

13. Review & Revision History

Revision	Date	Description	Approved By
01	01.04.2026	Initial controlled issue integrating environmental commitments with decarbonization roadmap and measurable KPI linkage.	Managing Director