



Integrating Sustainability in
Value Chains of companies

Value Chain Partner

TENNECO CLEAN AIR
INDIA PRIVATE LIMITED

2025
ASSESSMENT REPORT

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THANK YOU FOR APPLYING TO THE ECO EDGE CERTIFICATION

This document presents the summary observations during the assessment of your organisation by the team of assessors and Eco Edge team. We believe it is essential for businesses to know how it is progressing in achieving excellence in sustainability performance as a VCP (Value Chain Partner) of Apraava Energy. Such an external perspective allows the entity to know how it measures the various performance indicators, and attempts to improve through appropriate action, thereby reaping consequent business benefits.

The overall assessment is based on more than 70 indicators, conducted for OEM as well as its upstream and downstream partners, across five focus areas: General, Decarbonization, Circularity, Health & Safety, and Human Rights. Assessment was done as desk assessment of the questionnaires. Capacity building sessions were organized, addressing each focus area, providing clarity on queries and help in filling the questionnaire. The assessment was conducted by third-party assessors remotely. These assessments also served as instructional opportunities, allowing VCPs to benefit from seasoned assessors' inputs. The findings and guidance from assessments are formally presented in this report.

We encourage your organisation to use this Gap Report as a pointer to your sustainability performance, work on the various strengths and opportunities to make yourself a more efficient and hence sustainable business entity. For this goal, and even otherwise, please feel free to seek the help and professional services of the CII-ITC Centre of Excellence for Sustainable Development.

Please feel free to contact us for any further clarification.

Ms. Seema Arora
Deputy Director General

About ECO Edge

- The CII Eco Edge program integrates sustainability in the value chains of companies, including MSMEs.
- It assesses sourcing companies and their Value Chain Partners (VCPs) across Human Rights, Circularity, Health & Safety, Decarbonization, and sector-specific indicators.
- Eco Edge supports sustainable value chains through an internally developed framework, implemented via a SaaS-based tool
- This program supports companies in managing Scope 3 emissions, building a network of sustainable vendors, and adapting to the evolving global regulatory landscape for value chain sustainability.

The program portfolio comprises the following components:

Capacity Building Programs:

The program supports sourcing companies in assessing their value chain partners (VCPs) on ESG parameters. It helps identify high-risk VCPs needing support, highlights top performers on specific KPIs, and provides insights for setting improvement targets.

Sustainability Assessments:

The program supports sourcing companies in assessing their value chain partners (VCPs) on ESG parameters. It helps identify high-risk VCPs needing support, highlights top performers on specific KPIs, and provides insights for setting improvement targets.

Maturity-Based Certification

Certifications are awarded to sourcing companies and VCPs meeting defined performance thresholds. The certification levels—Eco Edge Emerging, Eco Edge Progressive, and Eco Edge Trailblazer—reflect



Sourcing Company

TENNECO CLEAN AIR INDIA PRIVATE LIMITED



Site Assessed

Pune Maharashtra



Sector

Auto-components/Upstream Manufacturing



Products / Services

Manufacturing of Exhaust After Treatment System (Catalytic Converters and Mufflers)

ENVIRONMENT DASHBOARD

183465

Scope 1

930033

Scope 2

15

Scope 3

8.64%

Renewable Energy

Roof Top Solar
Power Plant

Renewable Energy Source

STP

Water treatment

Rainwater harvesting
facility

ZLD

Waste is diverted via
recycling/energy recovery
only

100

Recycled Water

100

Waste Diversion

8

GHG reduction target



SOCIAL & GOVERNANCE DASHOARD

POLICY AVAILABLE

- ✓ Anti Bribe policy
- ✓ Whistle Blower Policy
- ✓ Health and safety policy
- ✓ Cyber Security Policy
- ✓ Decarbonization Policy
- ✓ Circularity Policy
- ✓ Human Rights Policy
- ✓ Anti Corruption Policy
- ✓ Code of Conduct Policy
- ✓ Environmental issues
- ✓ Child labour
- ✓ Forced labour
- ✓ Non-discrimination
- ✓ Right to freedom
- ✓ Working hours
- ✓ Living wages
- ✓ Health and safety
- ✓ Corruption and bribery

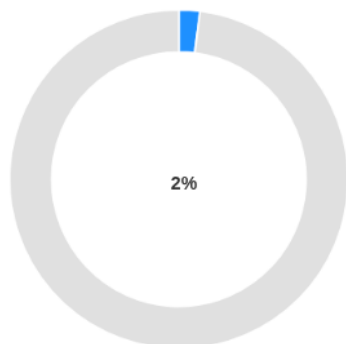
Management System Standards



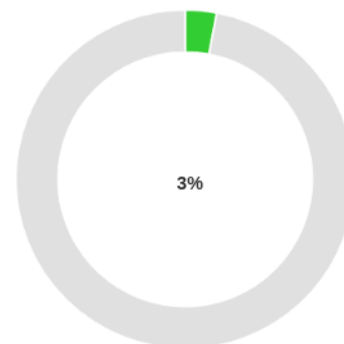
46%
MSME/small producers as % of
total purchases:



 Women representation in the company:



Middle Management



Lower Management

 Employee safety

LTIFR

436

Fatality

56



BRSR Core Dashboard

The Eco Edge framework is aligned 98% with BRSR Core

BRSR Core is a subset of the Business Responsibility and Sustainability Report (BRSR) mandated by SEBI (Securities and Exchange Board of India) for the top 1000 (by market capitalization) listed companies. It comprises a set of Key Performance Indicators (KPIs) under nine ESG attributes.

The dashboard below presents a visual overview of the company's response coverage against BRSR Core indicators, highlighting areas where data is reported or not. This overview can help identify potential areas for improved data tracking and more comprehensive future disclosures.

BRSR Attribute	Parameter	Data Availability
Green-house Gas (GHG) footprint	. Total Scope 1 emissions	Yes
	. Total Scope 2 emissions	Yes
	. GHG Emission Intensity (Scope 1 +2)	Yes
Water Footprint	. Total water consumption	No
	. Water consumption intensity	No
	. Water Discharge by destination and levels of Treatment	No
Energy footprint	. Total energy consumed	No
	. % of the energy consumed from renewable sources	Yes
	. Energy intensity	Yes
Embracing circularity – details related to waste management by the entity	. Total waste generated	Yes

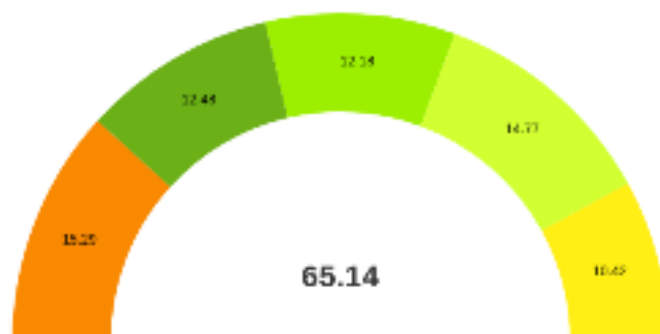


BRSR Attribute	Parameter	Data Availability
Enhancing Employee Wellbeing and Safety	. Spending on measures towards the wellbeing of employees and workers – cost incurred as a % of the total revenue of the company	No
	. Details of safety-related incidents for employees and workers (including contract workforce e.g. workers in the company's construction sites)	No
Enabling Gender Diversity in Business	. Gross wages paid to females as % of wages paid	No
	. Complaints on POSH	Yes
Enabling Inclusive Development	. Input material sourced from the following sources as % of total purchases – Directly sourced from MSMEs/ small producers and from within India	No
	. Job creation in smaller towns – Wages paid to persons employed in smaller towns (permanent or nonpermanent /on contract) as % of total wage cost	No
Fairness in Engaging with Customers and Suppliers	. Instances involving loss/breach of data of customers as a percentage of total data breaches or cyber security events	Yes

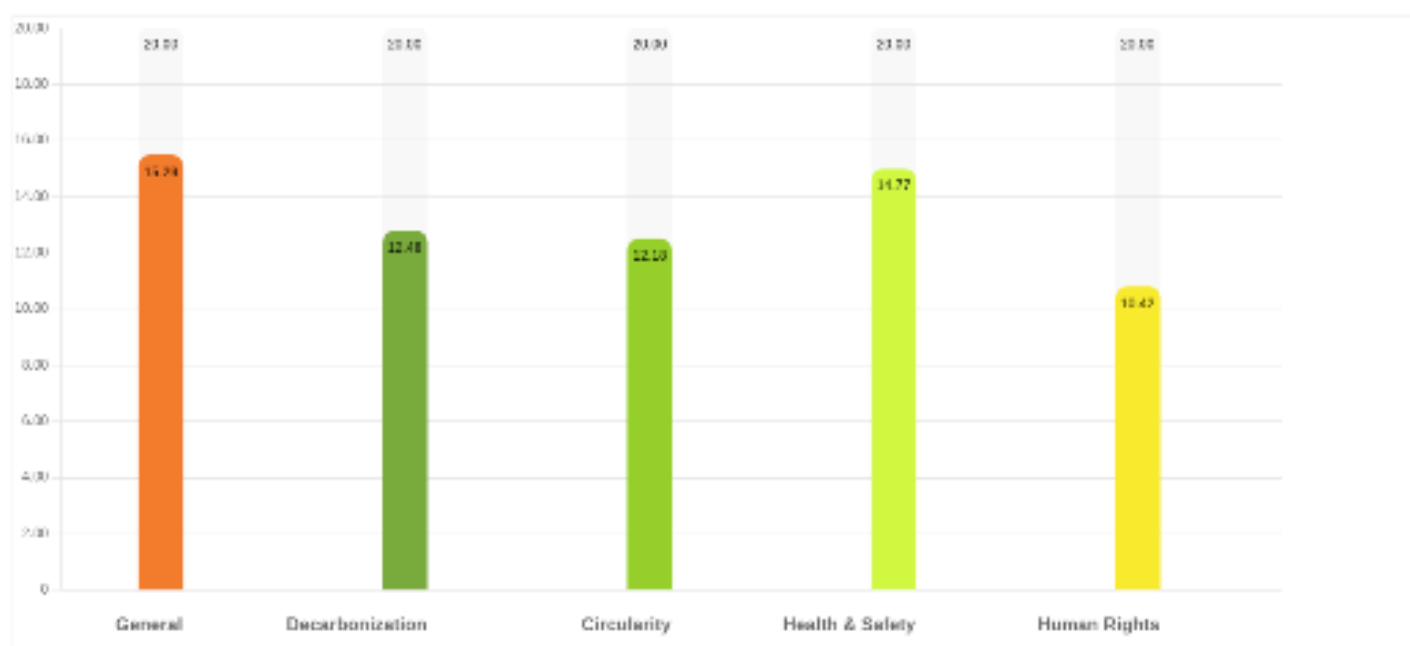


Overall Score

65.14 Points out of 100



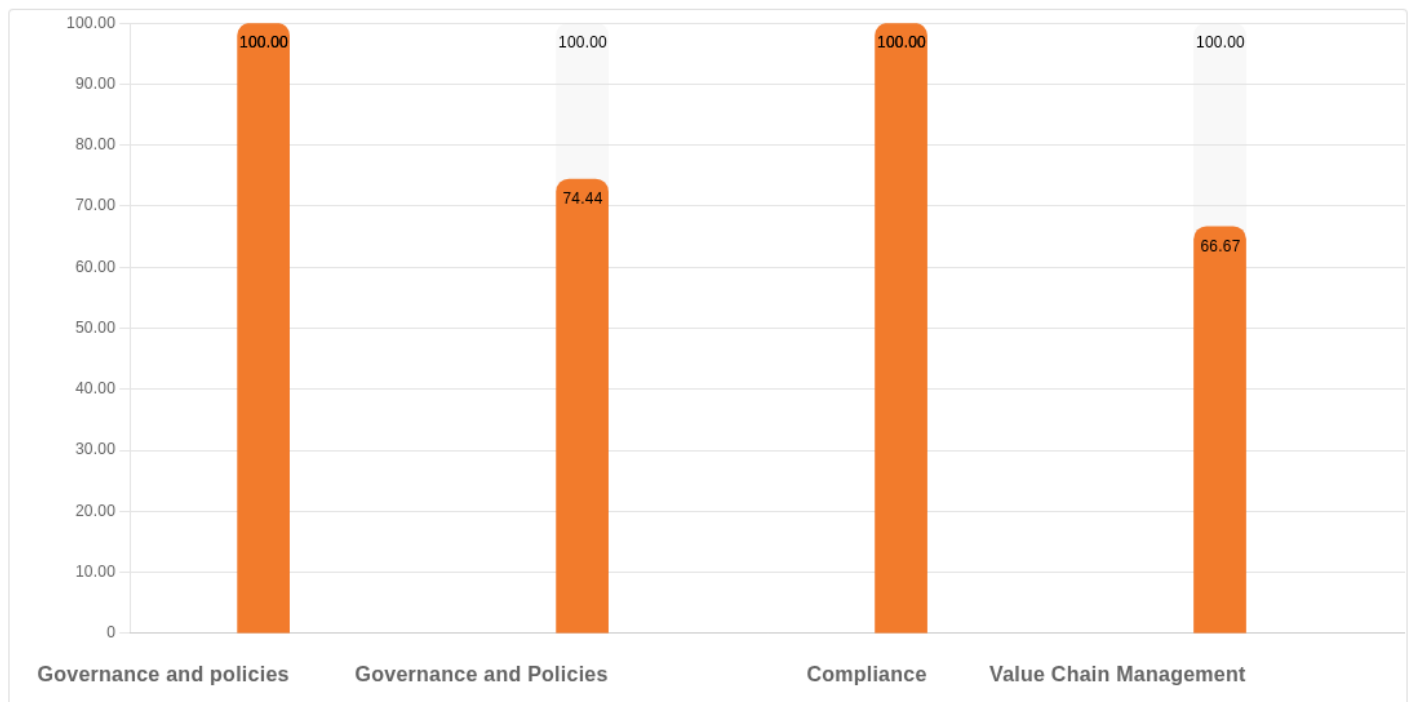
General Decarbonization Circularity Health & Safety
Human Rights



VCP has achieved a total score of 65.14 out of 100 indicating average performance. The organisation's performance in various focus areas is reflected in the achieved scores out of 20: Decarbonization (12.48), Circularity (12.58), Health & Safety (14.77), and Human Rights (10.42). The performance in Health & Safety is good, demonstrating the high level of commitment of the organisation towards its employees & workers health & well being.

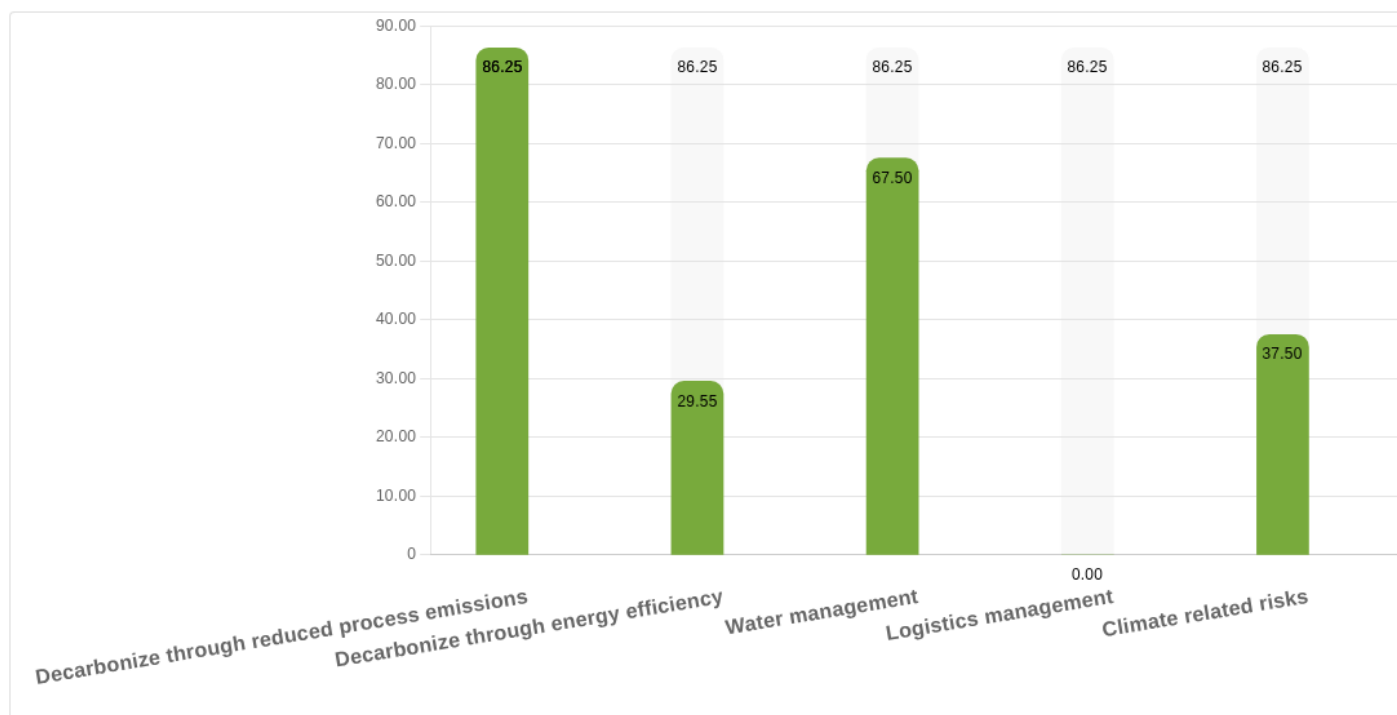
General

Figure 3 below highlights the sub focus area wise score of General. The organisation performed well in the General Section, demonstrating policies on various sustainability parameters. VCP also provides capacity building for their employees on topics such as energy management, environmental restoration, procurement, and soil reclamation. Additional topics like waste management and water management can also be included in these programs. Moreover, these trainings can be effectively extended to workers through similar capacity-building initiatives. While a sustainability committee is in place, there is scope to enhance investments in R&D, as well as financial and infrastructural support for initiatives related to circularity.



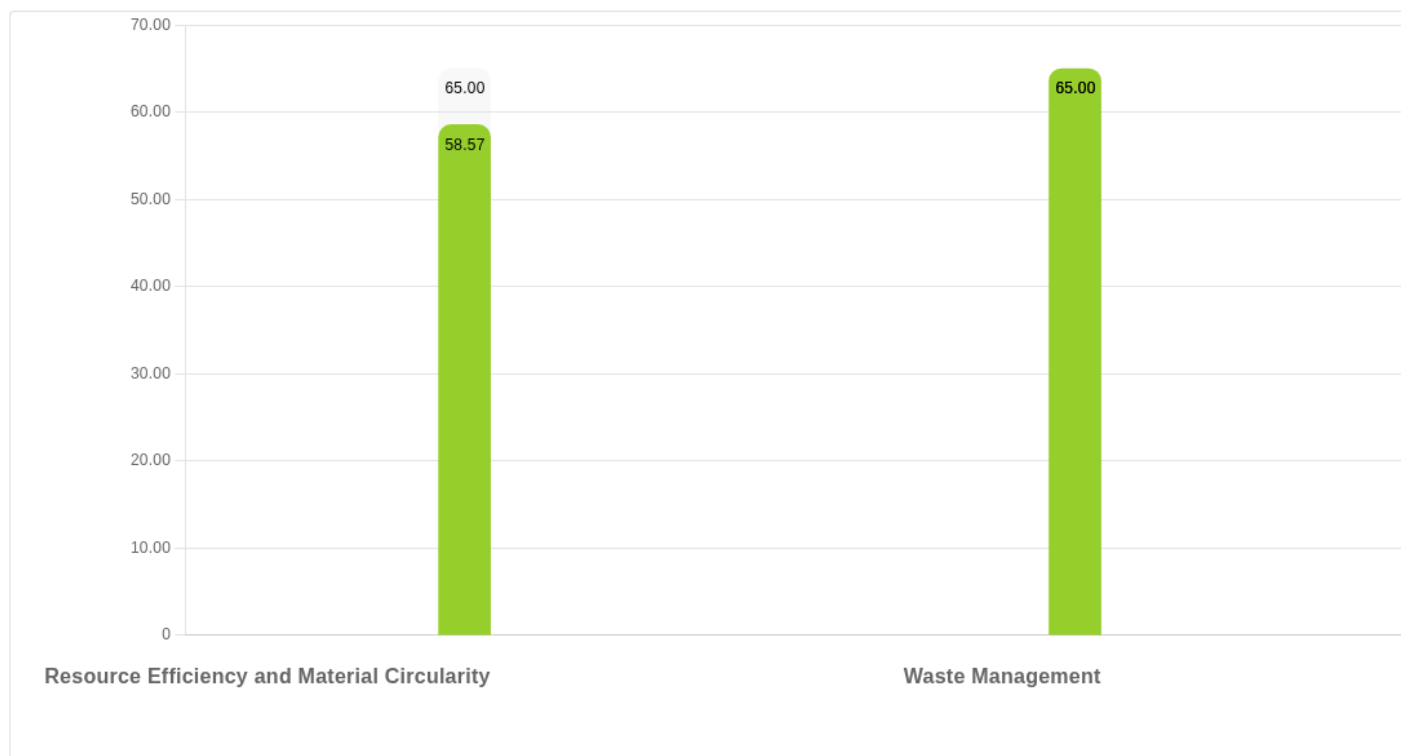
Decarbonization

The sub focus area wise scores achieved in Decarbonisation are presented in figure 4 below. VCP monitors its energy and fuel consumption data but can enhance decarbonization efforts by also monitoring water consumption, calculating Scope emissions from all mining activities, and set quantified GHG reduction targets. The organisation treats 170 lakh KL of water annually through Effluent Treatment Plants at all workshops, and this treated water is utilized by local communities. As part of its net-zero initiative, the organisation is transitioning its fleet to electric vehicles, with 36 electric vehicles already in use. To reduce emissions, a 1.25 MWp rooftop solar panel has been installed at VCP site, while a 24 MW land-mounted solar plant is in the final stages of commissioning.



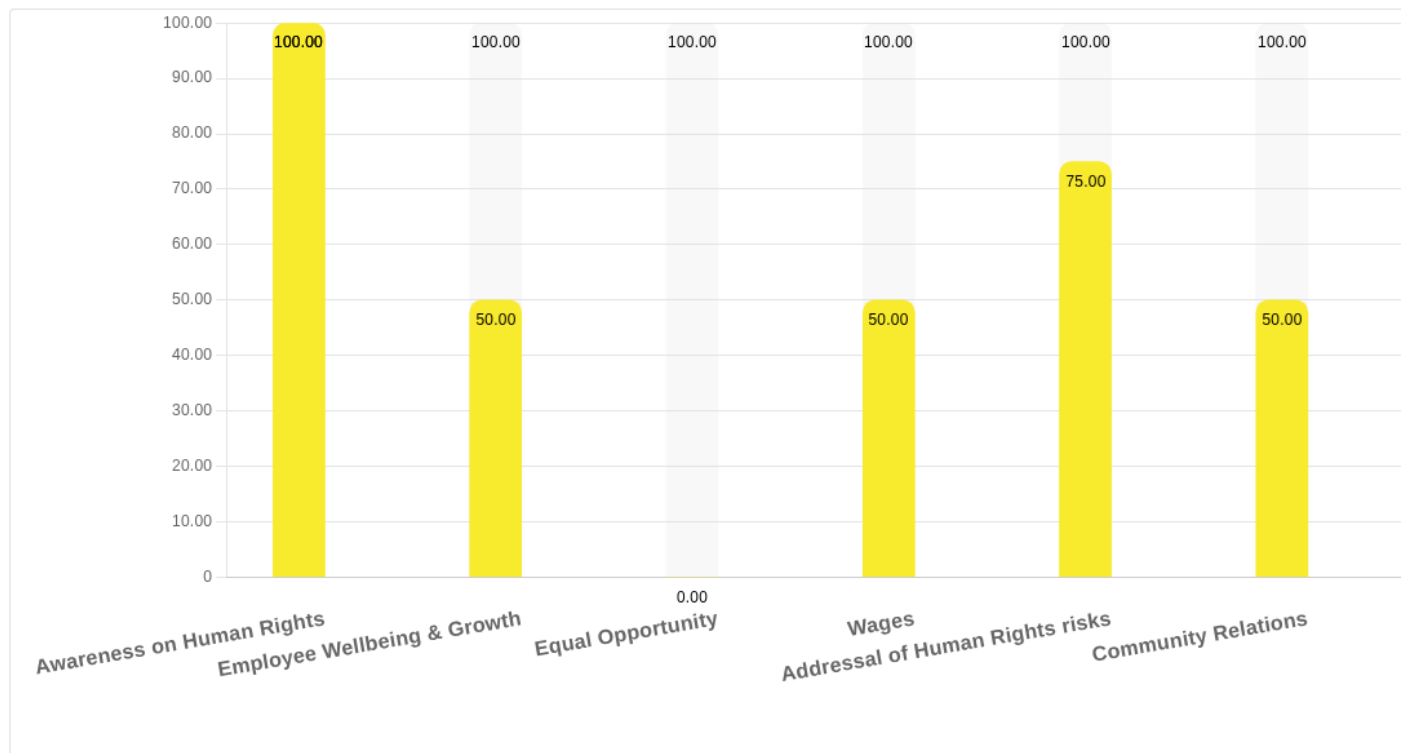
Circularity

Figure 5 provides focus area wise scores within Circularity. The organisation monitors waste generation through manual tracking but no information on segregation, diversion and disposal of the generated waste to ensure waste management in line with circular economy principles.



Human Rights

The sub focus area wise scores achieved in Human Rights are presented in figure 6 below. Efforts toward ethical practices in human rights are evident; however, the organisation lacks a comprehensive human rights policy covering areas such as child labour, equal opportunity, freedom of association, 10 and minimum wages. The absence of information on female workforce representation and inclusivity for differently abled individuals highlights the need for focused diversity and inclusion strategies.



Health & Safety

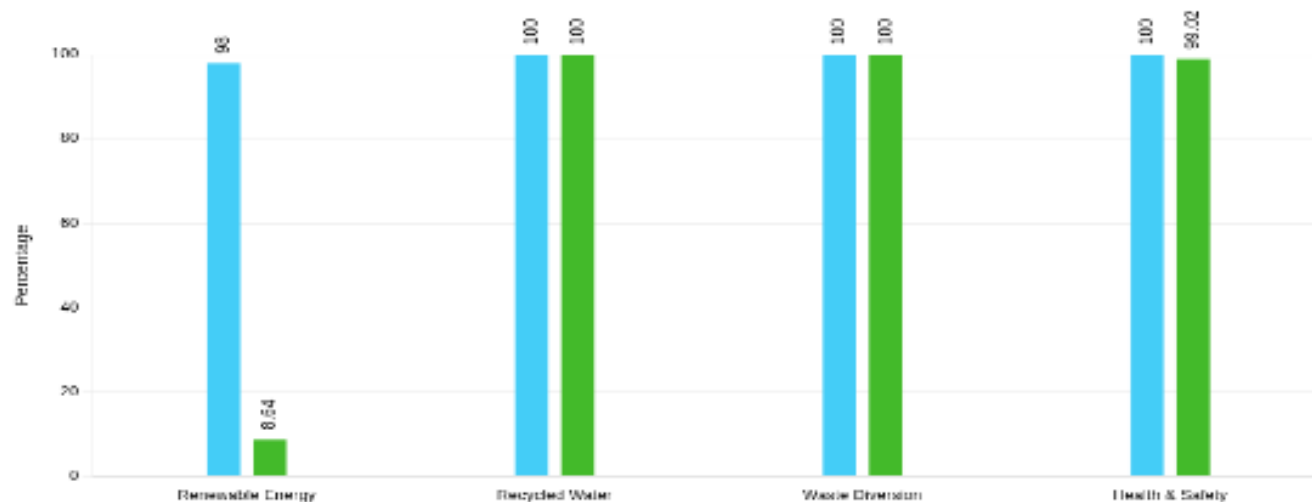
The organisation demonstrates fair performance in health and safety, conducting both internal and external audits monthly. Moreover, VCP offer healthcare, family welfare, and sports facilities to support the mental well-being of employees. To strengthen their approach, a structured Safety Management Plan (SMP) has been implemented across all opencast and underground mines, designed by considering all activities and the associated hazards to effectively identify and evaluate health and safety risks within the organisation. Also, the introduction of electronic detonators for controlled blasting in opencast mines has enhanced worker safety.



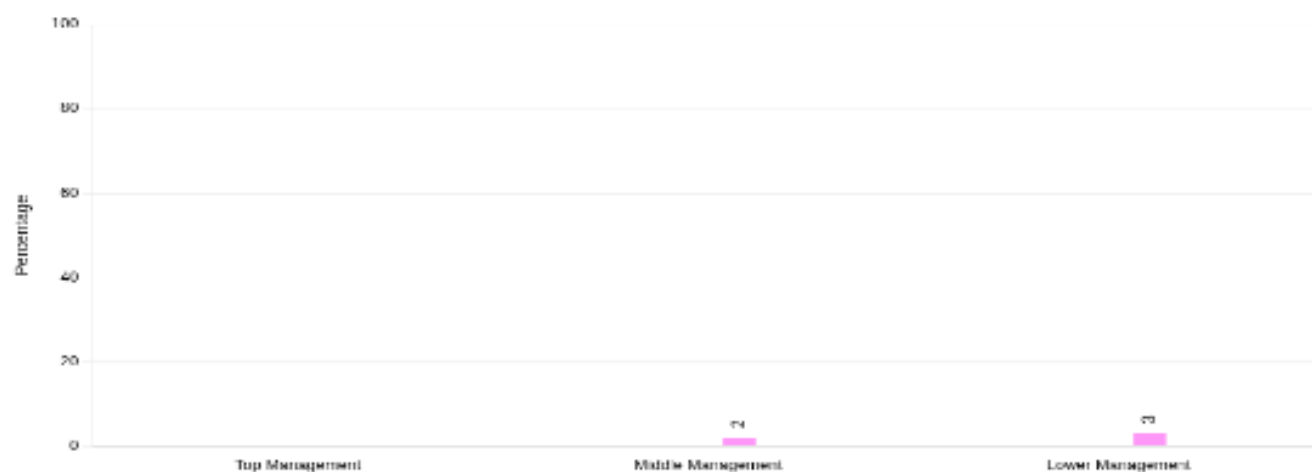
Skoda Auto Volkswagen India Private Limited Value Chain Partner (VCP) Key Parameter Benchmarks Figure below provides insights into best practices analysed from the assessment of 50 VCPs. These best practices can serve as benchmarks for peer VCPs to follow.

VALUE CHAIN BENCHMARKING

VALUE CHAIN REPRESENTATION



WOMEN REPRESENTATION



Gap Assessment Summary



General

- Absence of relevant policies on environmental and social issues
- Capacity building of employees on circularity, decarbonization and human rights is not done.
- Insufficient allocation of resources towards sustainability issues.



Decarbonization

- Scope emissions have not been calculated.
- Absence of monitoring water consumption data.
- Absence of renewable energy in the energy mix.



Circularity

- Lacks policy and procedures to phase out or ban single-use plastics.
- Absence of tracking of waste and its disposal.



Health & Safety

- LTIFR and OIFR are not monitored.
- Business continuity and/or disaster management plan is not in place.



Human Rights

- Absence of remedy mechanism for human rights violation.
- Insufficient information on women representation in workforce.

General Score

Score 76.43

A. Sub focus area: Value chain management

Gap identified	Although the organisation has allocated 62.81Cr for decarbonization efforts to reduce emission, there is insufficient information regarding the allocation of resources—such as R&D, financial, and infrastructural support—for initiatives related to circularity.
Potential benefits of recommendation	The above recommendation can actively enhance sustainability objectives by: making a positive environmental impact regulatory compliance mitigating risk enhancing stakeholder trust competitive advantage
Recommended action	As the organisation has allocated resource for the decarbonization and health and safety issues, it is equally important to prioritize finances, and infrastructural support for circularity initiatives in the budget to become a sustainable organisation.

B. Sub focus area: Value chain management

Gap identified	While non-financial recognition (Eco Edge, supplier meets) exists, commercial recognition for value chain sustainability performance can be formally structured or scaled
Potential benefits of recommendation	Strengthens long-term engagement with suppliers. Supports sustained improvements in partner performance Contributes to more resilient supply chain relationships.
Recommended action	Best Practice: Tata Power integrates ESG screening into supplier selection and contract criteria, with a prioritisation threshold of 50% ESG scores and zero-tolerance policies for safety, compliance, and human rights[1]

<https://ciiecoedge.com/dashboard>

<http://staging-ecoedge.evalue8.info:3000/login>



Decarbonization

Score 62.42

A. Sub focus area: Decarbonize through reduced process emissions

Gap identified	Green building/factory certifications can be explored
Potential benefits of recommendation	Supports Sourcing Company's decarbonization goals by improving energy and water efficiency. Demonstrates commitment to sustainable infrastructure through third-party recognition. Enhances asset value and credibility in ESG disclosures.
Recommended action	Best practice: ABB India's 44-year-old Nashik plant achieved IGBC Platinum Green Factory Certification

Circularity

Score 60.91

A. Sub focus area: Decarbonize through energy efficiency

Gap identified	The organisation does not have green building certification
Potential benefits of recommendation	Upfront costs of green building certification are offset by long-term financial, environmental, and reputational benefits • Green buildings are energy efficient and thus also have higher property value. • Lowers GHG emissions and energy bills leading to cost benefits. • Green building certification enhances reputation, attracting customers, investors, and talent focused on sustainability. • Green building certification helps businesses comply with strict environmental regulations, reducing the risk of fines. • Further, renewable energy offers numerous benefits, including environmental protection by reducing carbon emissions and air pollution, lowers energy bills and leads to energy independence.
Recommended action	The organisation can pursue green building certification to reduce its environmental impact and enhance credibility.

B. Sub focus area: Decarbonize through energy efficiency

Gap identified	Encotec Energy India is not constituting renewable energy in their overall energy consumption
Potential benefits of recommendation	Adopting renewable energy sources can result in: • significant long-term cost savings • showcasing a dedication to reducing GHG emissions • boosting the organisation's reputation and brand image • fostering stakeholder satisfaction and loyalty • contributing to sustained business success
Recommended action	• Explore renewable energy procurement options such as green tariffs or Renewable Energy Certificates (RECs), which allow organisations to source clean electricity without owning generation assets. • Evaluate the use of renewable fuels—such as biodiesel or bio-CNG—for service vehicles, generators, or equipment • Engage with facility management to assess shared renewable energy possibilities. Best Practice: Mahindra Teco sources 25% of their electricity from renewables via Maharashtra State Electricity Distribution Co. Ltd.

Health & Safety

Score 73.86

A. Sub focus area: Operations & Safety

Gap identified	The organisation does not track Lost Time Injury Frequency Rate (LTIFR) and Occupational Illness Frequency Rate (OIFR).
Potential benefits of recommendation	• Helps to prevent a severe injury, fatality, or damage. • Improves worker safety. • Enhances organisation's safety culture. • Demonstrate commitment towards well-being of their employees.
Recommended action	The frequency of workplace incidents with the loss working hours due to it can be recorded.

B. Sub focus area: Operations & Safety

Gap identified	Although the organisation has implemented occupational health and safety (OH&S) measures, such as mock drills, emergency response teams, PPE kits, and safety training, there is no well-defined procedure for systematically identifying and assessing occupational health and safety risks.
Potential benefits of recommendation	• Enhance workplace safety by proactively identifying and mitigating hazards • Reduce workplace accidents • Improve employee well-being
Recommended action	• The organisation could develop and implement a structured occupational health and safety (OH&S) risk assessment procedure. • This includes conducting regular risk assessments, identifying potential hazards, evaluating their impact, and implementing corrective actions. • Establishing a systematic approach, such as Hazard Identification and Risk Assessment (HIRA) or a similar risk matrix, will enhance workplace safety, ensure regulatory compliance, and minimize potential risks to employees.

Human Rights

Score 52.08

A. Sub focus area: Equal Opportunity

Gap identified	As per the information available, the organisation has very less female representation in its workforce highlighting a gender diversity gap. Additionally, Encotec Energy India have not implemented any measures or infrastructure to accommodate differently abled individuals.
Potential benefits of recommendation	This helps organisation bringing in a range of viewpoints, backgrounds, and concepts that can result in: • enhanced problem-solving. • better decision-making. • heightened creativity. • nurtures a collaborative, receptive, and adaptable culture. Incorporating individuals with disabilities can contribute to adhering to the Rights of Persons with Disabilities Act, 2016, fostering greater inclusivity and accessibility
Recommended action	Formulate a strategic roadmap to: • improve the representation of women across all organisational levels • aim to foster a work environment that embraces diversity. To achieve these objectives, company is suggested to develop programs and practices that prioritize: • Equal opportunity across all aspects of employment, including pay equity • Inclusive hiring practices • Leadership development programs for women • Safe reporting mechanisms • Work-life balance • Identify roles for which differently abled individuals can be hired and creates advertising/hiring procedures to promote the same. • Enhance infrastructure to facilitate easier movement for employees with disabilities.

B. Sub focus area: Awareness on Human rights

Gap identified	Awareness on Human rights
Potential benefits of recommendation	• Enable employees to join or establish trade unions or associations, fostering unity and collective representation among the workforces. • Facilitates mutually beneficial agreements on working conditions, and benefits, fostering a fair and collaborative work environment. • Boosts productivity, employee loyalty, and enhances the organisation's reputation as an ethical employer.