



COCHIN SHIPYARD LIMITED



Embracing Sustainability

2022 ESG Report



Inside the report

About us	02
Our geographical footprint	04
Being a responsible environment steward	06
Nurturing our talent pool	08
Making a difference	10
Raising the bar of excellent governance	12
Energy conservation activities	13
Business Responsibility and Sustainability Report	17

About us

One of the leading shipbuilding and repair yards in India, Cochin Shipyard Limited (CSL) was incorporated in the year 1972 as a fully owned Government of India Company. Presently, the Government of India holds 72.86% of equity share capital in the Company. CSL has constructed and repaired some of India’s largest ships and recently delivered the first ever Indigenous Aircraft Carrier ‘INS Vikrant’ for the Indian Navy.

A Miniratna Company under the Ministry of Ports, Shipping and Waterways, CSL has effectively adjusted to market shifts in shipbuilding requirements over the years. CSL, in line with the changing business requirements, has evolved from building bulk carriers to smaller and more technically advanced boats like Passenger Vessels and Offshore Support Vessels. CSL has worked with industry heavyweights, including Rolls Royce Marine (Norway), GTT (France), Vard Group (Norway), and many others.

CSL has also become a significant player in the worldwide shipbuilding business over the years. The company has exported ships to a number of other commercial entities, based in Norway, Netherlands, Cyprus, USA, Germany, Demark/Bahamas, Saudi Arabia and UAE.



Turnover	Net Worth	PAT
₹ 3,190 Cr.	₹ 4,359 Cr.	₹ 587 Cr.

Vessels delivered (As on March 31, 2022)

Large vessels	Small and medium vessels	Off shore support vessels	Defence vessels
20	84	35	27



Vision

- Emerge as an internationally preferred shipyard to construct world class Merchant and Naval ships, offshore vessels and structures.
- Be the market leader in India for ship repairs, including conversions and up-gradation.
- To be admired for our achievements, respected for our ethics and trusted for our service excellence by our valued customers.



Mission

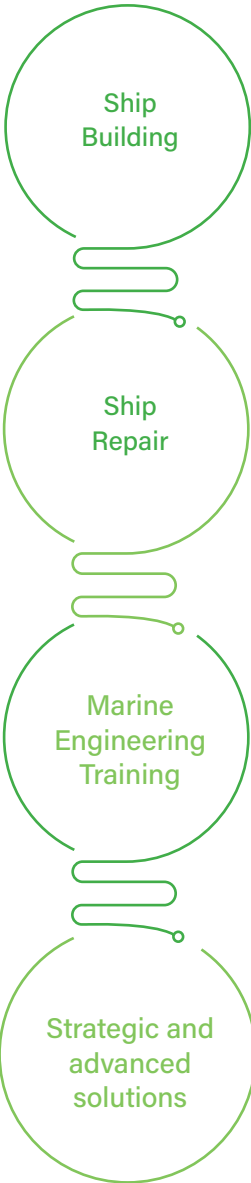
- To build and repair ships and offshore structures to international standards and provide value added quality engineering services.
- Sustain corporate growth in competitive environment.
- To adopt and undertake practices towards becoming a responsible corporate citizen.



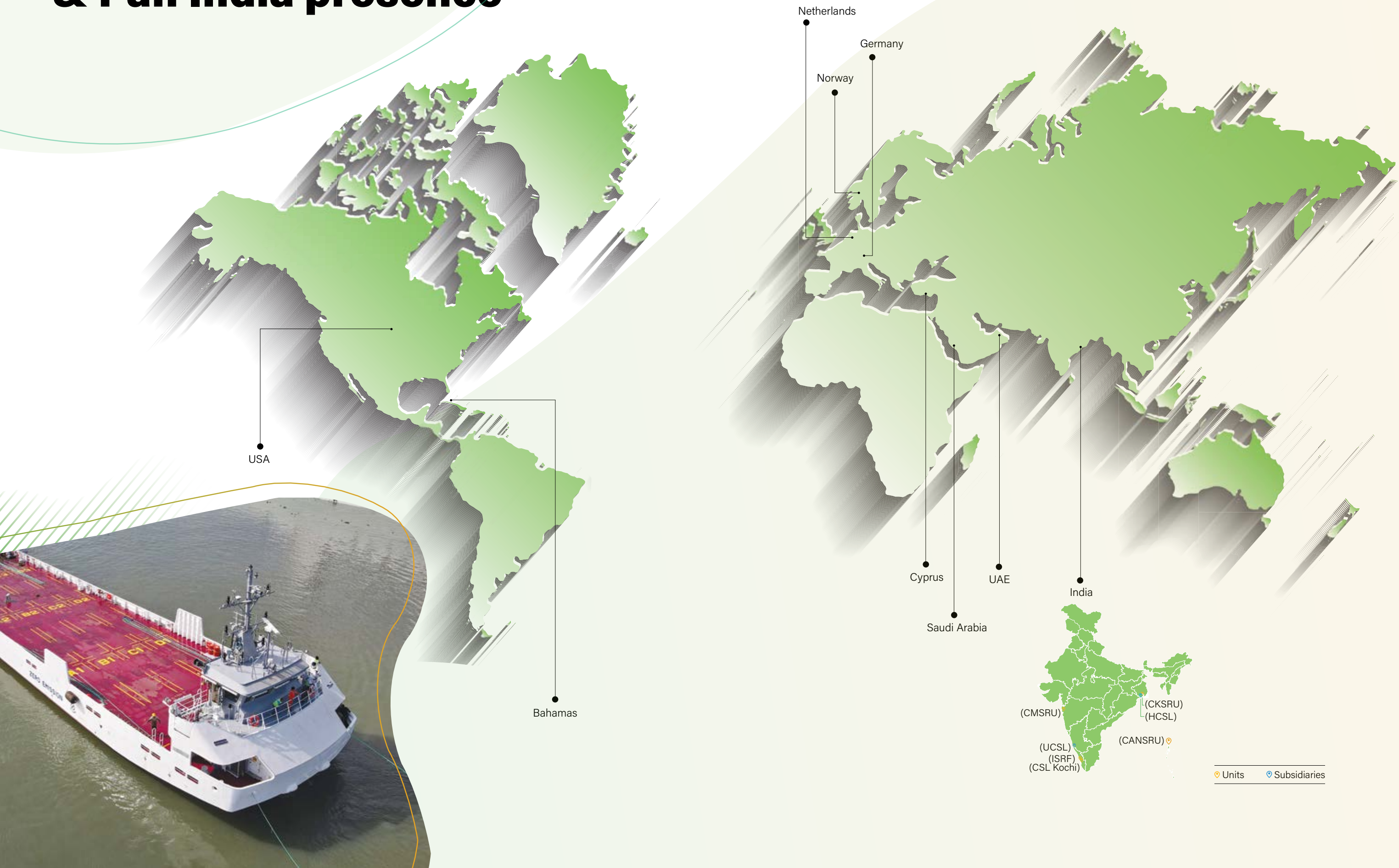
Objectives

- To sustain and enhance shipbuilding and ship repair activities through technology up-gradation and capacity augmentation.
- To continuously endeavour to expand/diversify activities of the shipyard including setting up new facilities.
- To carry out research and development in existing and emerging technologies in shipbuilding processes.
- To move towards international benchmarking, benchmark with the best shipbuilding standards followed in India.
- To motivate employees through improved specific training programmes.
- To adopt best practices for clean and safe environment. Ride the down time with aggressive bidding and secure orders to maximize capacity.
- To ensure positive customer-oriented initiatives.
- To build a responsible corporate citizen image through CSR and sustainability projects and compliance to corporate governance principles.

Our offerings



Global customer footprint & Pan India presence



Being a responsible environment steward

CSL is actively involved in ecological conservation and protection. We are committed to making a positive environmental impact by regularly implementing innovative technologies that reduces our carbon footprint.

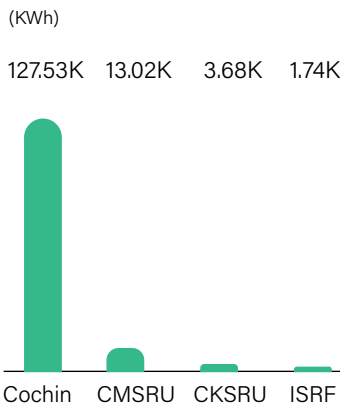
We are committed to maximising the cost-effective utilisation of diverse energy forms to cut our energy consumption. CSL has created an Energy Policy and Energy Cell comprising representatives from all major departments to bolster energy conservation efforts. We have a framework in place that collects data on our energy use, water consumption, and waste production, allowing us to innovate and take necessary actions to preserve energy, minimise waste, and lower emissions.

SDG Linkage

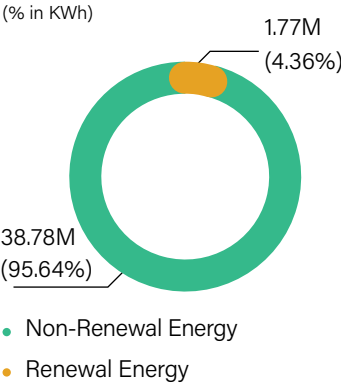


Energy

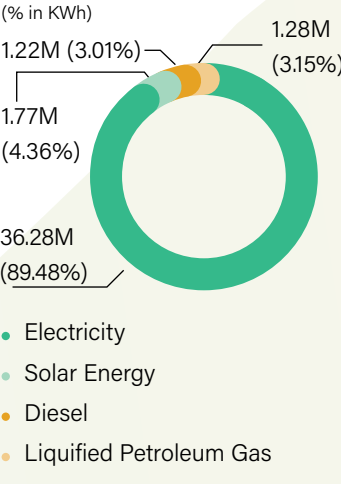
Top energy consuming sites



Renewable and non-renewable energy mix



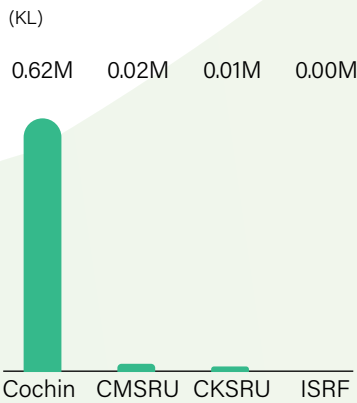
Energy breakdown by source



40.55 M (KWh)
Total energy consumption

Water

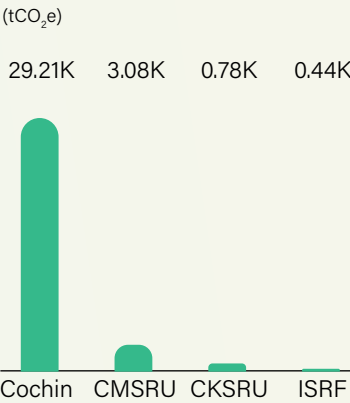
Top water consuming sites



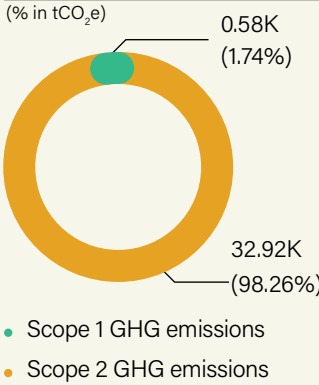
654.32 K
(Kilolitre) Total water consumption

GHG emission

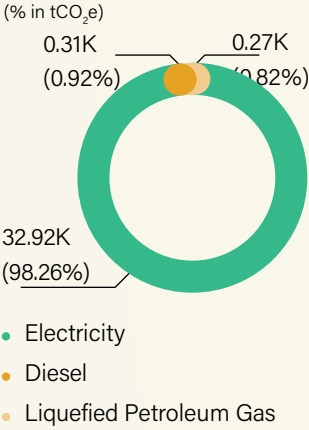
Top GHG emissions contributing sites



Scope 1 and Scope 2 GHG emissions



Emissions breakdown by sources



33.51 K
(tCO₂e) Total GHG emissions



Nurturing our talent pool

Our biggest strength and prime asset is our people. Understanding and achieving our people’s ambitions is the foundation of our workforce policy. We go to considerable lengths to assure their safety and well-being while also accelerating their personal and professional development. Our aim is to create a work environment for all our employees that is conducive and inclusive.

The procedures and philosophy of our human resource management system are aimed at maximising employee welfare and performance. We focus on successful personnel management, recruitment, training and development, performance evaluation, and compensation. We are constantly committed to fostering a healthy and productive connection with our people.

SDG linkage



271
Female direct workforce

3,168
Direct workforce

58
Differently abled direct workforce



HR Vision

Emanating from the goals and objectives enshrined in the corporate mission statement, the strategic Human Resources Vision of the Shipyard is to strive and create a unique institution that integrates creativity, innovation, technology, business and good corporate governance practices for all round improvement in the quality of work life of the yard's workforce.



HR Mission

To provide a vibrant platform for all those working in the yard to give their best and ensure all round growth both for the individual and organisation.

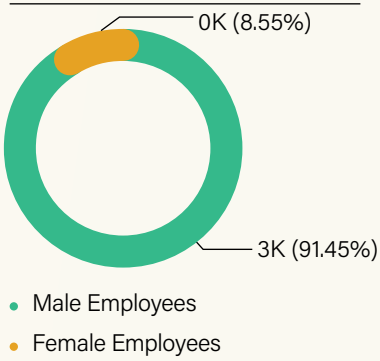


HR Policy

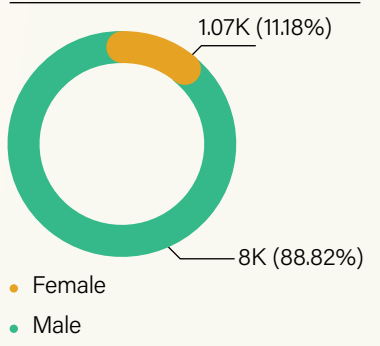
Human Resources Policies are oriented towards providing the right mix of human resources, their empowerment and enrichment so as to meet organisational targets and results.



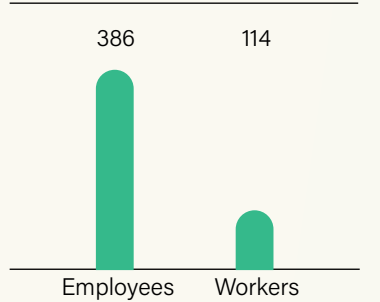
Employee diversity



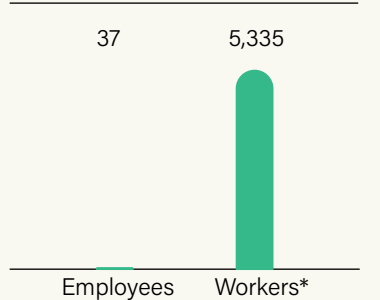
Total hours of training provided by gender



Skill upgradation training to employees and workers



Training received on health and safety measures



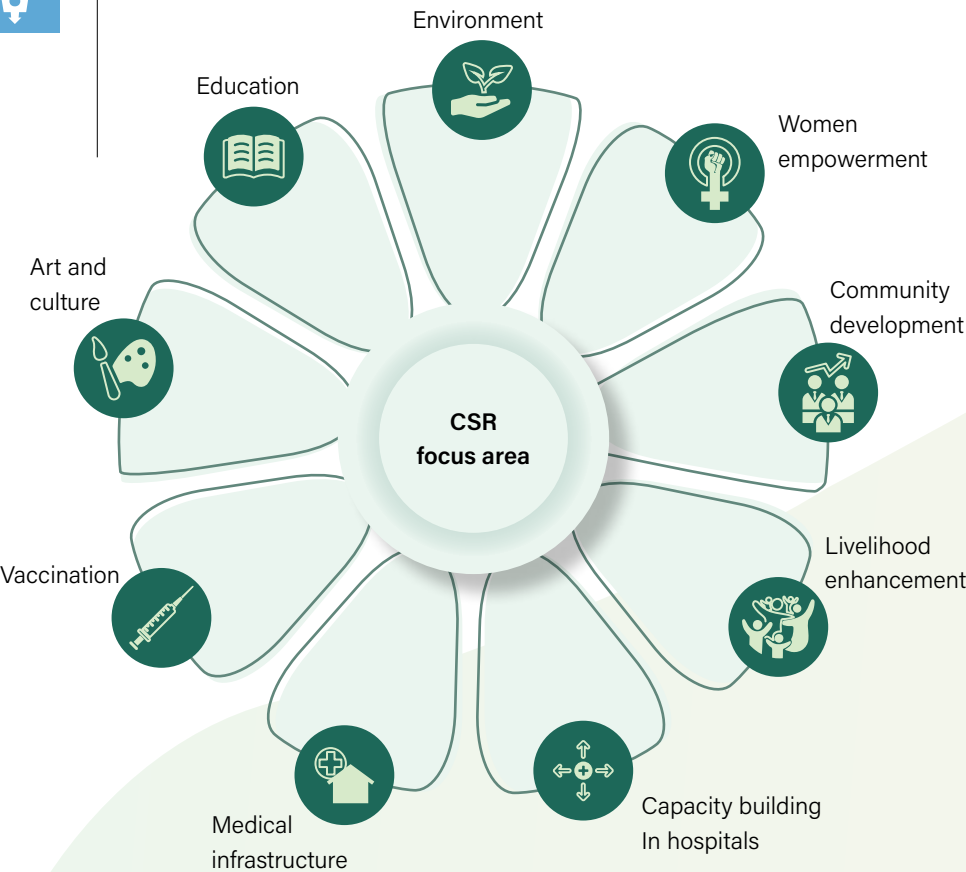
* Includes sub-contractors' workers

Making a difference

Our commitment to social responsibility goes beyond just fulfilling our legal and ethical obligations. Working for our community to create a positive impact is central to our Company’s ethos. At CSL, we focus on targeted need-based CSR programmes that contribute to the advancement of communities in areas where we operate.

At Cochin Shipyard, we highly promote employee engagement in volunteering and our people actively participate in numerous CSR programmes. These CSR efforts position us as responsible social steward and help uplift communities.

SDG linkage



CSR till FY 2022

₹ **100+**
Crores

600+
Projects

We bring positive impact on the communities at large through our CSR initiatives. The core pillars of our CSR initiatives include



Health

Our initiatives have helped the society to sail through the testing times of COVID Pandemic. We also carried out CSR activities in line with the national priorities and the theme covering other health care initiatives and initiatives in Nutrition.



Heritage

Our initiatives are dedicated towards conservation of heritage structures, revival of art and culture, improvement of libraries etc.



Empowerment

Our empowerment initiatives focus on skill development of women and special children, geriatric care and the like.



Environment

Our environment initiatives are focussed on afforestation, conservation of water bodies, recycling programmes to facilitate carbon emission reduction etc.



Raising the bar of excellent governance

Our corporate governance framework is aligned to the culture of the Company and ensures sound management and responsible decision-making. We have established effective governance policies, procedures, and guidelines for all aspects of our operations, from financial management to employee relations. It is critical for us to maintain accountability, transparency, and ethical behaviour in our business. By upholding high standards of governance, we move beyond compliance to create holistic value for all our stakeholders.

Code of Conduct

The Code of Conduct's goal is to foster an ethical and transparent corporate management process. CSL has put in place a comprehensive framework for governing the conduct of all our employees, workers and senior management, ensuring compliance with all applicable laws and regulations.

Whistle Blower and Fraud Prevention Policy

We endeavour to preserve organisational transparency by disclosing information publicly, interacting with our stakeholders in a transparent manner, and ensuring that all policies, processes, and decisions are made with integrity and in the best interests of our stakeholders.

We have robust Whistle Blower and Fraud Prevention Policy which is a crucial component of our governance framework. It is designed to provide employees and other stakeholders with safe and confidential means of reporting any potential misconduct or violations of laws, regulations, or company policies.

By establishing a strong Whistle Blower and Fraud Prevention Policy, we have created a culture of transparency, accountability, and ethical behaviour, which helps prevent and detect misconduct, and promotes trust and confidence among all our stakeholders.

Action towards Energy conservation

Replaced High Pressure Mercury Vapour light fittings with energy efficient LED light fittings at various LLTT/Gantry Cranes



Lighting systems of various cranes used conventional high pressure mercury vapour (HPMV) lights. These lamps were power intensive and required frequent maintenance. In order to provide better lighting and to improve the productivity, HPMV lamps were replaced with energy efficient LED lights. Accordingly, **142 nos.** of HPMV lamps of different power ratings were replaced with LED lights at both SB and SSD. The annual saving anticipated is **33,900** units which is equivalent to **Rs. 2,20,350** based on current energy rate.

Use of energy efficient lamps LED in office buildings



CSL adopted a policy for installing maximum number of LED lights / T5 lights instead of conventional light fittings in new projects/ constructions, to the extent possible. We have replaced 420 nos. of conventional lights by LED tubes, which is expected to result in an annual energy savings load of about 82,219 kWh. Replacement of old light with energy efficient LED lights has substantially contributed in bringing down the power demand of the Yard.

Provided VRF air-conditioning system at office buildings

Installed VRF air conditioning systems at office buildings, which are considered to be more energy efficient compared to split-type systems. This has contributed towards an annual savings of 21,780 units of energy.



Energy Audit

As part of energy conservation activities, CSL conducts Energy Audit once in every three years for all HT and EHT installations with a view to improve energy efficiency. The latest energy audit was conducted in 2022 by an Energy Auditor accredited by the Bureau of Energy Efficiency.

Electric Carts

The movement of VIP/ VVIP guests to different sites within the Yard is done through electric carts, an environmental friendly transport system.



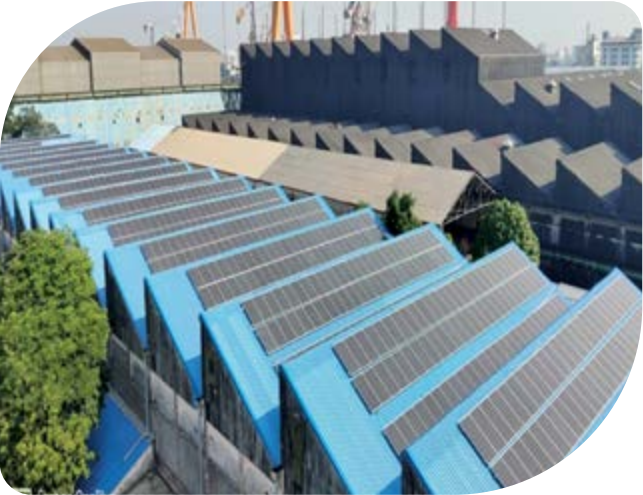
Continuous monitoring and improvement of power factor

The power factor at receiving end is maintained near unity using HT/LT capacitor banks at various substations. CSL annually receives approximately Rs. 35 Lakhs as power factor incentive from KSEB Ltd., which is applicable only if power factor is maintained above 0.95.



Installed 1622 kWp grid connected solar power plant inside and outside yard premises

The Company's major initiative in the field of renewable energy is the installation of solar panels on the rooftop of various buildings inside and outside CSL premises. The programme commenced in the year 2013-14. As of March 31 2022, solar power plant of capacity 1622 kWp has been commissioned in CSL.



Energy cell

As part of strengthening the Energy conservation measures in CSL, an Energy Cell has been constituted. The sub team members meet at least once in two months to discuss various energy conservation measures in the respective areas and the core team members shall meet at least once in three months to scrutinize the recommendations put forward by the sub team and finalize the feasible ones.

Sub team members shall identify the prevailing areas where energy is wasted and suggest action plan for reduction/ elimination of the same. They shall also take measures to cultivate energy conservation habits among co-workers and to encourage people to practice energy conservation measures.



Energy Conservation Day Celebration 2021

National Energy conservation day is observed on December 14th every year. In CSL, it is a weeklong celebration. With the companionship of members of CSL and Energy Cell, it was celebrated on 15th December, 2021. CSL organized an awareness programme on 15th December 2021 about "Energy Environment and India's COP 26 Commitments". The awareness programme was handled by Dr. C Jayaraman, Managing Director, EQUINOCT and founder Vice President of Society of Energy Engineers and Managers.





COCHIN SHIPYARD LIMITED

ENERGY POLICY

We, at Cochin Shipyard Limited are committed to optimally utilize various forms of energy in a cost effective manner to effect conservation of energy resources.

To fulfill the commitment and to achieve the above, we will

- ❖ Adopt technology and products towards energy efficiency and conservation.
- ❖ Promote non conventional energy usage in our organization to the maximum extent feasible and reduce carbon emission.
- ❖ Conduct management reviews for continual improvements related to energy performance.
- ❖ Ensure participation of all employees, contractors and their workmen in activities related to energy conservation and provide training to ensure continual improvement in energy conservation.
- ❖ Comply with all relevant statutory requirements related to energy usage.

We shall partner with sustainable development projects for the public under Corporate Social Responsibility (CSR) to spread energy conservation awareness to the society.

CHAIRMAN AND MANAGING DIRECTOR

January 2017

Issue and Revision No: A01

Business Responsibility and Sustainability Report

SECTION A : GENERAL DISCLOSURES

I. Details of the listed entity

1.	Corporate Identity Number (CIN) of the Listed Entity	L63032KL1972GOI002414
2.	Name of the Listed Entity	Cochin Shipyard Limited
3.	Year of Incorporation	1972
4.	Registered office address	Cochin Shipyard Limited, Administrative Building, Cochin Shipyard Premises, Perumanoor, Kochi – 682015, Kerala, India
5.	Corporate office address	Cochin Shipyard Limited, Administrative Building, Cochin Shipyard Premises, Perumanoor, Kochi – 682015, Kerala, India
6.	E-mail id	secretary@cochinshipyard.in
7.	Telephone	0484 236 1306
8.	Website	www.cochinshipyard.in
9.	Financial year for which reporting is being done	2021-22
10.	Name of the Stock Exchange(s) where shares are listed	BSE Limited and National Stock Exchange of India Limited
11.	Paid-up capital	1,31,54,03,900
12.	Name and contact details of the person who may be contacted in case of any queries on the BRSR report	Shri Syamkamal N Tel: 0484 250 1306 E-mail: secretary@cochinshipyard.in
13.	Reporting boundary	Standalone

II. Products/services

14. Details of business activities (accounting for 90% of the turnover):

S.No.	Description of Main Activity	Description of Business Activity	% of Turnover of the entity
1.	Manufacturing	Shipbuilding	78.73
2.	Service	Ship Repair	21.27

15. Products/Services sold by the entity (accounting for 90% of the entity's Turnover):

S.No.	Product/Service	NIC Code	% of total Turnover contributed
1.	Shipbuilding	301	78.73
2.	Shiprepair	331	21.27

III. Operations

16. Number of locations where plants and/or operations/offices of the entity are situated:

S.No.	Location	Number of plants	Number of offices	Total
1.	National	5	-	5
2.	International	-	-	-

Note: In addition to the above the Company also has two wholly owned subsidiaries; Hooghly Cochin Shipyard Limited with its plant at Nazirgunge, West Bengal and Udupi Cochin Shipyard Limited with its plant at Udupi, Karnataka.

17. Markets served by the entity:

a. Number of locations

S.No.	Locations	Number
1.	National (No. of States)	Due to the inherent nature of our business of shipbuilding/ship repair, the Company generally caters to the requirements of the Country's coastal states and states having national waterways as well as Country's defence requirements.
2.	International (No. of Countries)	The Company has provided its services across the world viz., Norway, Netherlands, Cyprus, USA, Germany, Denmark/Bahamas, Saudi Arabia and UAE.

b. What is the contribution of exports as a percentage of the total turnover of the entity?

1%

c. A brief on types of customers

Cochin Shipyard Limited (CSL) is a key player in the domestic and international ship building market. Our key shipbuilding clients on the domestic front include the Indian Navy, the Indian Coast Guard, Ministry of Home Affairs, the Shipping Corporation of India Limited, Lakshadweep Government, various Port Trusts, Inland Waterways Authority of India (IWAI), A&N Administration, Directorate General of Lighthouses and Lightships (DGLL) and Jindal Steel Works (JSW) group. On the international front, CSL has exported 47 vessels to some of the most demanding clients in Norway, Netherlands, Cyprus, USA, Germany, Demark/Bahamas, Saudi Arabia and UAE. This has added to our credibility in the international market. CSL has also undertaken repairs of various types of vessels including upgradation of ships of the oil exploration industry as well as periodical maintenance, repairs and life extension of ships.

IV. Employees

18. Details as at the end of Financial Year:

a. Employees and workers (including differently abled):

S.No	Particulars	Total(A)	Male		Female	
			No. (B)	% (B / A)	No. (C)	% (C / A)
EMPLOYEES						
1.	Permanent (D)	553	483	87.34	70	12.66
2.	Other than Permanent (E)	129	110	85.27	19	14.73
3.	Total employees (D + E)	682	593	86.95	89	13.05
WORKERS						
4.	Permanent (F)	1204	1102	91.53	102	8.47
5.	Other than Permanent (G)	1282	1202	93.76	80	6.24
6.	Total workers (F + G)	2486	2304	92.68	182	7.32

b. Differently abled Employees and workers:

S. No	Particulars	Total(A)	Male		Female	
			No. (B)	% (B / A)	No. (C)	% (C / A)
DIFFERENTLY ABLED EMPLOYEES						
1.	Permanent (D)	13	12	92.31	1	7.69
2.	Other than Permanent (E)	1	1	100.00	0	-
3.	Total differently abled employees (D + E)	14	13	92.86	1	7.14
DIFFERENTLY ABLED WORKERS						
4.	Permanent (F)	43	37	86.05	6	13.95
5.	Other than Permanent (G)	1	0	-	1	100.00
6.	Total differently abled workers (F+ G)	44	37	84.09	7	15.91

19. Participation/Inclusion/Representation of women (As at the end of Financial Year)

Particulars	Total(A)	No. and percentage of Females	
		No. (B)	% (B / A)
Board of Directors	12	1	8.33
Key Management Personnel	4	0	-

20. Turnover rate for permanent employees and workers

Particulars	FY 2022 (Turnover rate in current FY)		
	Male	Female	Total
Permanent Employees	8.49	1.49	7.64
Permanent Workers	2.85	3.03	2.86

V. Holding, Subsidiary and Associate Companies (including joint ventures)

21. (a) Names of holding / subsidiary / associate companies / joint ventures

S. No.	Name of the holding/ subsidiary/ associate companies/ joint ventures (A)	Indicate whether holding/ Subsidiary/ Associate/ Joint Venture	% of shares held by listed entity	Does the entity indicated at column A, participate in the Business Responsibility initiatives of the listed entity? (Yes/No)
1.	Hooghly Cochin Shipyard Limited	Subsidiary	100	No*
2.	Udupi Cochin Shipyard Limited	Subsidiary	100	No*

*The subsidiaries have recently only commenced their business operations and are in the process of having their own Business Responsibility (BR) initiatives. Hence, the subsidiaries generally do not participate in the BR initiatives of CSL.

VI. CSR Details

22. (i) Whether CSR is applicable as per section 135 of Companies Act, 2013: (Yes/No)

Yes

(ii) Turnover (in Rs.)

3,190 Crore

(iii) Net worth (in Rs.)

4,359 Crore

VII. Transparency and Disclosures

23. Complaints/Grievances on any of the principles (Principles 1 to 9) under the National Guidelines on Responsible Business Conduct

Stakeholder group from whom complaint is received	Grievance Redressal Mechanism in Place (Yes/No) (If Yes, then provide web-link for grievance redress policy)	FY 2022 (Current Financial Year)		
		Number of complaints filed during the year	Number of complaints pending resolution at close of the year	Remarks
Communties	Yes, https://cochinshipyard.in/grievance-cell	18	0	
Investors (other than shareholders)	Yes, https://cochinshipyard.in/grievance-cell	0	0	
Shareholders	Yes, https://cochinshipyard.in/grievance-cell	4	0	
Employees and workers	Yes, CSL Intranet	0	0	
Customers	Yes, https://cochinshipyard.in/grievance-cell	0	0	
Value Chain Partners	Yes, https://cochinshipyard.in/grievance-cell	0	0	

24. Overview of the entity’s material responsible business conduct issues

Please indicate material responsible business conduct and sustainability issues pertaining to environmental and social matters that present a risk or an opportunity to your business, rationale for identifying the same, approach to adapt or mitigate the risk along-with its financial implications, as per the following format

S. No.	Material issue identified	Indicate whether risk or opportunity	Rationale for identifying the risk/ opportunity	In case of risk, approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
1.	Climate Change	Risk	Majority of the ship building projects undertaken by CSL are fueled by fossil fuels. The increasing awareness of climate change across the globe will reduce the demand for such vessels and affect the operations of CSL	CSL has already embarked on Green Shipping initiatives. CSL is building 23 Hybrid Electric Aluminium Catamaran Hull Vessels for the Kochi Water Metro Project, which is one of its kind, modern, technologically advanced, energy efficient and environment friendly boat and 2 Autonomous Electric Vessels for ASKO Maritime AS, Norway. CSL is also in the process of development of Hydrogen Fuel Cell vessels.	Negative implication

S. No.	Material issue identified	Indicate whether risk or opportunity	Rationale for identifying the risk/ opportunity	In case of risk, approach to adapt or mitigate	Financial implications of the risk or opportunity (Indicate positive or negative implications)
2.	Climate Change	Opportunity	Increase in demand for zero emission vessels	Keeping pace with the Global Maritime Green Transitions, the Company is in the process of developing and building India's first indigenous Hydrogen Fuelled Electric Vessels, a pilot project part funded by the Ministry of Ports, Shipping and Waterways (MoPSW). The pilot project is based on development of a Low Temperature Proton Exchange Membrane Technology (LT-PEM) – also called Fuel Cell Electric Vessel (FCEV) and the C-SAS division is in charge of the technological part of design, development and construction of the Vessel. The move is part of India's transformative efforts on the innovative and new technology front with respect to green energy and sustainable cost-effective alternate fuel. The pilot project is being carried out in collaboration with Indian partners and the necessary action in this regard has already commenced. Further, CSL is building 23 Hybrid Electric Aluminium Catamaran Hull Vessels for the Kochi Water Metro Project, which is one of its kind, modern, technologically advanced, energy efficient and environment friendly boat and is expected to integrate the urban water transport system for the seamless transportation requirements of the Kochi citizenry. CSL is also building two Autonomous Electric Vessels for ASKO Maritime AS, Norway.	Positive implication

SECTION B : MANAGEMENT AND PROCESS DISCLOSURES

Policy and Management Processes

1. a. Whether your entity's policy/policies cover each principle and its core elements of the NGRBCs. (Yes/No)

P1	P2	P3	P4	P5	P6	P7	P8	P9
Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

b. Has the policy been approved by the Board? (Yes/No)

P1	P2	P3	P4	P5	P6	P7	P8	P9
Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

The Policies have been approved by the Board/ relevant Competent authority as per the delegated powers of the Board.

c. Web Link of the Policies, if available

P1	P2	P3	P4	P5	P6	P7	P8	P9
https://cochinshipyard.in/investor/investor_titles/68								

2. Whether the entity has translated the policy into procedures. (Yes / No)

P1	P2	P3	P4	P5	P6	P7	P8	P9
Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

3. Do the enlisted policies extend to your value chain partners? (Yes/No)

P1	P2	P3	P4	P5	P6	P7	P8	P9
Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

4. Name of the national and international codes/certifications/labels/standards (e.g. Forest, Stewardship, Council, Fairtrade, Rainforest Alliance, Trustea) standards (e.g. SA 8000, OHSAS, ISO, BIS) adopted by your entity and mapped to each principle.

P1	Model Code of Business Conduct and Ethics for Board Members and Senior Management, Conduct Discipline and Appeal Rules, Central Vigilance Commission Guidelines and Manual.
P2	ISO 9001:2015 Quality Management System, ISO 14001:2015 Environmental Management System and ISO 45001:2018 Health and Safety Management System Standards.
P3	ISO 45001:2018 Health and Safety Management System Standards, Employee Welfare and Skill Development Measures as more specifically mentioned in Directors'Report for FY2022.
P4	Presidential Directives and Guidelines on Reservation for Scheduled Caste (SC)/ Scheduled Tribes (ST)/ Other Backward Classes (OBC)/ Economically Weaker Sections (EWS) And Persons with Benchmark Disabilities (PwBD) issued by the Government of India from time to time. For more details, please refer to Directors' Report for FY 2022.
P5	CSL is aligned with all the applicable national laws, principles and norms with regard to human rights.
P6	ISO 14001:2015 Environmental Management System.
P7	Not applicable.
P8	CSL's CSR Projects aim at benefiting the community from low socio-economic strata across the nation. For more details please refer to CSR section annexed to Directors' Report for FY 2022.
P9	ISO 9001:2015 Quality Management System, ISO 14001:2015 Environmental Management System and ISO 45001:2018 Health and Safety Management System Standards.

5. Specific commitments, goals and targets set by the entity with defined timelines, if any.

P1	P2	P3	P4	P5	P6	P7	P8	P9
CSL don't have mandated targets, commitments or evaluation process for all policies. CSL has put in place an SaaS application software for real time monitoring of ESG parameters viz., GHG emissions, waste management, consumption of resources like water, electricity etc.								

6. Performance of the entity against the specific commitments, goals and targets along-with reasons in case the same are not met.

P1	P2	P3	P4	P5	P6	P7	P8	P9
CSL monitors key parameters and use it for augmenting the policies, wherever found necessary.								

Governance, Leadership & Oversight

7. Statement by director responsible for the business responsibility report, highlighting ESG related challenges, targets and achievements (listed entity has flexibility regarding the placement of this disclosure)

Presently, governments across the globe are looking at the corporates for implementing sustainable development models. India, under the able leadership of Shri Narendra Modi Ji has set an ambitious target of becoming carbon neutral by 2070. CSL being a Central PSU under the administrative control of Ministry of Ports, Shipping and Waterways, is committed to play its part in achieving the target set by the Honourable Prime Minister. Towards this, CSL has already initiated several initiatives to curb marine pollution. Continuing with the green initiatives, CSL is building 23 Hybrid Electric Aluminium Catamaran Hull Vessels for the Kochi Water Metro Project, which is one of its kind, modern, technologically advanced, energy efficient and environment friendly boat and is expected to integrate the urban water transport system for the seamless transportation requirements of the Kochi citizenry. CSL's commitment to green initiatives may also be seen from the execution of order of two Autonomous Electric Vessels for ASKO Maritime AS, Norway. Also, CSL in collaboration with indigenous partners and under the aegis of the Ministry of Ports, Shipping and Waterways is implementing a pilot project for design, development and construction of Hydrogen Fuel Cell Vessel based on Low Temperature Proton Exchange Membrane Technology (LT-PEM) also called Fuel Cell Electric Vessel (FCEV), which is a step towards greener tomorrow. Taking into consideration the growing impetus on hydrogen economy and hydrogen-based fuel cell technology both nationally and internationally, it is only prudent to explore its use case in the marine segment, especially in India, where there is vast possibility for its use on coastal & inland vessels.

8. Details of the highest authority responsible for implementation and oversight of the Business Responsibility policy (ies).

Chairman and Managing Director, CSL

9. Does the entity have a specified Committee of the Board/ Director responsible for decision making on sustainability related issues? (Yes / No). If yes, provide details.

Yes, the Chairman and Managing Director is the decision making authority with regard to sustainability related issues.

10. Details of Review of NGRBCs by the Company:

	Performance against above policies and follow up action*		Compliance with statutory requirements of relevance to the principles, and, rectification of any non-compliances
Indicate whether review was undertaken by Director/ Committee of the Board/ Any other Committee	P1	Yes	CSL is in compliance with the extant regulations as applicable.
	P2	Yes	
	P3	Yes	
	P4	Yes	
	P5	Yes	
	P6	Yes	
	P7	-	
	P8	Yes	
	P9	Yes	
Frequency (Annually/ Half yearly/ Quarterly/ Any other -please specify)	P1	Yes	Quarterly. A Statutory Compliance Certificate on applicable laws is provided by the CMD & Director (Finance) to the Board of Directors.
	P2	Yes	
	P3	Yes	
	P4	Yes	
	P5	Yes	
	P6	Yes	
	P7	-	
	P8	Yes	
	P9	Yes	

*CSL has put in place an SaaS application software for real time monitoring of ESG parameters viz., GHG emissions, waste management, consumption of resources like water, electricity etc. CSL monitors key parameters and use it for augmenting the policies, wherever found necessary.

11. Has the entity carried out independent assessment/ evaluation of the working of its policies by an external agency? (Yes/No). If yes, provide name of the agency.

P1	Yes, the compliance with the CVC Guidelines are evaluated by the Vigilance Department headed by a Chief Vigilance Officer, appointed by the Government of India.
P2	Yes, ISO 9001:2015 Quality Management System, ISO 14001:2015 Environmental Management System and ISO 45001:2018 Health and Safety Management System standards are evaluated by DNV-GL on an annual basis.
P3	Yes, ISO 45001:2018 Health and Safety Management System standard is evaluated by DNV-GL on an annual basis.
P4	Yes, CSL is in compliance with the Presidential directives and guidelines on reservation for Scheduled Caste (SC)/ Scheduled Tribes (ST)/ Other Backward Classes (OBC)/ Economically Weaker Sections (EWS) and Persons with Benchmark Disabilities (PwBD) issued by the Government of India from time to time, which is audited by the Comptroller and Auditor General of India.
P5	Yes, CSL is in compliance with all the applicable national laws, principles and norms with regard to Human Rights, which is monitored by the Comptroller and Auditor General of India.
P6	Yes, ISO 14001:2015 Environmental Management System standard is evaluated by DNV-GL on an annual basis.
P7	Not applicable.
P8	Yes, CSL's CSR projects are audited by both statutory auditors of the Company as well as the Comptroller and Auditor General of India.
P9	Yes, ISO 9001:2015 Quality Management System, ISO 14001:2015 Environmental Management System and ISO 45001:2018 Health and Safety Management System standards are evaluated by DNV-GL on an annual basis.

12. If answer to question (1) above is "No" i.e. not all Principles are covered by a policy, reasons to be stated:

Not Applicable

SECTION C : PRINCIPLE WISE PERFORMANCE DISCLOSURE

PRINCIPLE 1

Businesses should conduct and govern themselves with integrity, and in a manner that is Ethical, Transparent and Accountable.

Essential Indicators

1. Percentage coverage by training and awareness programmes on any of the Principles during the financial year:

Segment	Total	Number of persons covered by the awareness programmes	Total number of training and awareness programmes held	% of persons in respective category covered by the awareness programmes
Board of Directors	12	3	1*	25
Key Managerial Personnel	5	4	1*	80
Employees other than BoD and KMPs	678	678	1*	100
Workers	2486	2486	1*	100

*Awareness programs were provided as part of observance of Vigilance Awareness Week 2021 in CSL during October 26, 2021 to November 01, 2021.

2. Details of fines / penalties /punishment/ award/ compounding fees/ settlement amount paid in proceedings (by the entity or by directors / KMPs) with regulators/ law enforcement agencies/ judicial institutions, in the financial year, in the following format (Note: the entity shall make disclosures on the basis of materiality as specified in Regulation 30 of SEBI (Listing Obligations and Disclosure Obligations) Regulations, 2015 and as disclosed on the entity's website):

NIL

3. Of the instances disclosed in Question 2 above, details of the Appeal/ Revision preferred in cases where monetary or non-monetary action has been appealed.

Not applicable

4. Does the entity have an anti-corruption or anti-bribery policy? If yes, provide details in brief and if available, provide a web-link to the policy.

The Vigilance Department of Cochin Shipyard Limited performs various activities with regard to preventive and pro-active vigilance, undertakes investigation in cases related to punitive vigilance and conducts surveillance and detection initiatives. Vigilance department strives to ensure transparency, equity and competitiveness in all procurement. Important CVC guidelines are discussed with Heads of Departments for its strict compliance. For more details, please refer to the following web-link.

<https://cochinshipyard.in/Vigilance>

5. Number of Directors/KMPs/employees/workers against whom disciplinary action was taken by any law enforcement agency for the charges of bribery/ corruption:

	FY 2022 (Current Financial Year)	FY 2021 (Previous Financial Year)
Directors	0	0
KMPs	0	0
Employees	0	0
Workers	0	0

6. Details of complaints with regard to conflict of interest:

	FY 2022 (Current Financial Year)		FY 2021 (Previous Financial Year)	
	Number	Remarks	Number	Remarks
Number of complaints received in relation to issues of Conflict of Interest of the Directors	0	-	0	-
Number of complaints received in relation to issues of Conflict of Interest of the KMPs	0	-	0	-

7. Provide details of any corrective action taken or underway on issues related to fines / penalties / action taken by regulators/ law enforcement agencies/ judicial institutions, on cases of corruption and conflicts of interest.

Not applicable.

PRINCIPLE 2

Businesses should provide goods and services in a manner that is sustainable and safe

Essential Indicators

1. Percentage of R&D and capital expenditure (capex) investments in specific technologies to improve the environmental and social impacts of product and processes to total R&D and capex investments made by the entity, respectively

	Current Financial Year	Previous Financial Year	Details of improvements in environmental and social impacts
R&D	0	0	Not applicable
Capex	0	0	Not applicable

2. a. Does the entity have procedures in place for sustainable sourcing? (Yes/No)

Yes

- b. If yes, what percentage of inputs were sourced sustainably?

The Company has been following approved criteria for the selection of vendors to ensure sustainable sourcing which inter alia includes vendors having ISO 9000 certification, vendors approved by regulatory bodies, various authorized dealers of the manufacturer, ability to provide materials as per laid down specification and other requirements, ability to supply materials as per stipulated delivery period. Annual evaluation of the orders placed on a vendor is completed to decide the average performance. A vendor is removed / suspended from approved vendor list based on his average performance over the period of evaluation. Vendors list is reviewed and updated once in a year.

3. Describe the processes in place to safely reclaim your products for reusing, recycling and disposing at the end of life, for:

a. Plastics (including packaging)	b. E-waste
Wastes are disposed off through government authorised external agency.	Wastes are disposed off through government authorised external agency.
c. Hazardous waste	d. Other waste
Wastes are disposed off through government authorised external agency.	Wastes are disposed off through government authorised external agency.

4. Whether Extended Producer Responsibility (EPR) is applicable to the entity's activities (Yes / No). If yes, whether the waste collection plan is in line with the Extended Producer Responsibility (EPR) plan submitted to Pollution Control Boards? If not, provide steps taken to address the same.

Extended Producer Responsibility (EPR) is not applicable to CSL.

PRINCIPLE 3

Businesses should respect and promote the well-being of all employees, including those in their value chains

Essential Indicators

1. a. Details of measures for the well-being of employees:

Category	Total (A)	% of employees covered by									
		Health insurance		Accident insurance		Maternity benefits		Paternity benefits		Day Care facilities	
		Number (B)	% (B / A)	Number (C)	% (C / A)	Number (D)	% (D / A)	Number (E)	% (E / A)	Number (F)	% (F / A)
Male	483	483	100	483	100	-	-	483	100	483	100
Female	70	70	100	70	100	70	100	-	-	70	100
Total	553	553	100	553	100	70	100	483	100	553	100
Other than Permanent employees											
Male	110	110	100	110	100	-	-	110	100	110	100
Female	19	19	100	19	100	19	100	-	-	19	100
Total	129	129	100	129	100	19	100	110	100	129	100

- b. Details of measures for the well-being of workers:

Category	Total (A)	% of workers covered by									
		Health insurance		Accident insurance		Maternity benefits		Paternity benefits		Day Care facilities	
		Number (B)	% (B / A)	Number (C)	% (C / A)	Number (D)	% (D / A)	Number (E)	% (E / A)	Number (F)	% (F / A)
Male	1102	1102	100	1102	100	-	-	1102	100	1102	100
Female	102	102	100	102	100	102	100	-	-	102	100
Total	1204	1204	100	1204	100	102	100	1102	100	1204	100
Other than Permanent workers											
Male	1202	1202	100	1202	100	-	-	1202	100	1202	100
Female	80	80	100	80	100	80	100	-	-	80	100
Total	1282	1282	100	1282	100	80	100	1202	100	1282	100

2. Details of retirement benefits

S. No	Benefits	FY 2022 (Current Financial Year)		
		No. of employees covered as a % of total employees	No. of workers covered as a % of total workers	Deducted and deposited with the authority(Y/N/N.A.)
1.	PF	100	100	Y
2.	Gratuity	100	100	Y
3.	ESI	0	0	N.A.
4.	Insurance Linked Post Retirement Medical Scheme	100	100	Y

3. Accessibility of workplaces

Are the premises / offices of the entity accessible to differently abled employees and workers, as per the requirements of the Rights of Persons with Disabilities Act, 2016? If not, whether any steps are being taken by the entity in this regard.

Yes

4. Does the entity have an equal opportunity policy as per the Rights of Persons with Disabilities Act, 2016? If so, provide a web-link to the policy.

Equity, inclusivity and fairness has been imbibed in all the employee processes like recruitment, job selection/ transfer/ rotation, training, promotion, appraisals and compensation and benefits and the HR policies of the Company can be accessed by employees on CSL intranet. Further, the Company does not discriminate and gives equal opportunities to all individuals irrespective of gender, religion, caste, race, age, community, physical ability or sexual orientation, etc. The Company also follows the directives and guidelines issued by the Government of India on the subject from time to time.

5. Return to work and Retention rates of permanent employees and workers that took parental leave.

Gender	Permanent employees		Permanent workers	
	Return to work rate	Retention rate*	Return to work rate	Retention rate*
Male	100	90	100	98.80
Female	100	100	100	57.14
Total	200	92.31	200	92.78

*Retention rate determines employees who have returned to work after parental leave ended and were still employed for at least 12 months thereafter.

6. Is there a mechanism available to receive and redress grievances for the following categories of employees and workers? If yes, give details of the mechanism in brief.

Gender	Yes/No (If Yes, then give details of the mechanism in brief)
Permanent Workers	Yes, CSL has a 5 stage grievance redressal mechanism, beginning from the reporting officer at the first stage till the CMD of the Company at the fifth stage with specific timelines at each stage to resolve the grievance. The detailed framework of this mechanism is available in CSL intranet.
Other than Permanent Workers	
Permanent Employees	
Other than Permanent Employees	

7. Membership of employees and workers in association(s) or Unions recognised by the listed entity:

Category	FY 2022 (Current Financial Year)		
	Total employees / workers in respective category(A)	No. of employees / workers in respective category, who are part of association(s) or Union(B)	% (B / A)
Total Permanent Employees	553	425	76.85
- Male	483	373	77.23
- Female	70	52	74.29
Total Permanent Workers	1204	1204	100.00
- Male	1102	1102	100.00
- Female	102	102	100.00

8. Details of training given to employees and workers:

Category	FY 2022 (Current Financial Year)				
	Total(A)	On Health and Safety Measures		On Skill Upgradation	
		No.(B)	% (B/A)	No.(C)	% (C/A)
Employees					
Male	593	33	5.56	330	55.65
Female	89	4	4.49	56	62.92
Total	682	37	5.43	386	56.60
Workers					
Male	2304	90	3.91	103	4.47
Female	182	7	3.85	11	0.48
Total	2486	97	3.90	114	4.59

9. Details of performance and career development reviews of employees and workers:

Category	FY 2022 (Current Financial Year)		
	Total(A)	No. (B)	% (B / A)
Employees			
Male	593	593	100.00
Female	89	89	100.00
Total	682	682	100.00

Category	FY 2022 (Current Financial Year)		
	Total(A)	No. (B)	% (B / A)
Workers			
Male	2304	2304	100.00
Female	182	182	100.00
Total	2486	2486	100.00

10. Health and safety management system:

a. Whether an occupational health and safety management system has been implemented by the entity? (Yes/ No). If yes, the coverage such system?

Yes, CSL is certified to ISO 45001:2018 Health and Safety Management System standard.

b. What are the processes used to identify work-related hazards and assess risks on a routine and non-routine basis by the entity?

Hazard Identification and Risk Assessment (HIRA) is the tool used by Cochin Shipyards Limited to identify and assess the hazards and risks associated with routine and non-routine works carried out in the yard. This process include listing out all the activities and taking each activities through the HIRA work sheet. The HIRA Work sheet perform quantitative approach of risk calculation and prioritising the activities based on risk value to Low, Medium and High risk activities. Control measures for mitigating the risks and reducing the risk levels from high and medium to low risk is described in standard operating procedures and operational control procedures tagged to each activities.

c. Whether you have processes for workers to report the work related hazards and to remove themselves from such risks. (Yes/ No)

Yes

d. Do the employees/ worker of the entity have access to non-occupational medical and healthcare services? (Yes/ No)

Yes, CSL has a full-fledged medical centre premised at Kochi, headed by a Chief Medical Officer. Further, CSL has a medical assistance scheme for employees by empanelling various hospitals (Super-speciality/Multi-speciality/Speciality and other-speciality hospitals) in Ernakulam District for the treatment of CSL employees and their eligible dependent family members. The expenses towards the inpatient/day care treatment availed at these empanelled hospitals shall be settled directly by CSL to the hospital. Medical ID Cards with details of employees and dependents has been issued to all employees for the purpose of identification at empanelled hospitals. In the case of hospitals outside Ernakulam district, the admissible treatment expenses shall be reimbursed to the employees.

11. Details of safety related incidents, in the following format:

Safety Incident/Number	Category	FY 2022 (Current Financial Year)
Lost Time Injury Frequency Rate (LTIFR) (per one million-person hours worked)	Employees	0
	Workers	0.0667
Total recordable work-related injuries	Employees	6
	Workers	267
No. of fatalities	Employees	0
	Workers	0
High consequence work-related injury or ill- health (excluding fatalities)	Employees	0
	Workers	1

12. Describe the measures taken by the entity to ensure a safe and healthy work place.

The Occupational Health and Safety Management System at Cochin Shipyard is called HSE Governance System. Through this, all employees are motivated through positive safety culture by encouraging them to perform safe work practices. They are being rewarded for their safe actions on monthly basis and on National Safety day. One person from each employee group is selected as Field Safety Representative (FSR) to monitor the safety of the workplace. Apart from FSR, Safety and Fire staffs of around 250 numbers were deputed at work sites for continuous monitoring of works onboard vessels and workshops, skids etc. They will be responsible to issue work permits wherever applicable and also to issue violation tokens whenever deviations from safe practices are observed. Also weekly walk the talks and monthly pep talks at work sites by section heads, General Managers/ Chief General Managers will demonstrate involvement of top management in Safety.

13. Number of Complaints on the following made by employees and workers:

Safety Incident/Number	FY 2022 (Current Financial Year)		
	Filed during the year	Pending resolution at the end of year	Remarks
Working Conditions	0	0	
Health & Safety	203	36	

14. Assessments for the year:

	% of your plants and offices that were assessed (by entity or statutory authorities or third parties)
Health and safety practices	73
Working Conditions	73

15. Provide details of any corrective action taken or underway to address safety-related incidents (if any) and on significant risks / concerns arising from assessments of health & safety practices and working conditions.

Corrective actions will arise from 3 member committee (Committee including concerned officer of that area, Safety committee member of that area and Safety officer of that area) or board of enquiry (members nominated by occupier/factory manager/ CSO for critical incidents) for safety related incidents. Other corrective actions from HSE Observations/Suggestions will be generated by HSE Coordinator/Safety Officer of particular area.

PRINCIPLE 4

Businesses should respect the interests of and be responsive to all its stakeholders

Essential Indicators

1. Describe the processes for identifying key stakeholder groups of the entity.

The key stakeholders identified in consultation with the company's management are: customers, employees, shareholders, academic institutions, suppliers, industry bodies such as Indian Shipbuilders Association, Indo Japan Chamber of Commerce, Confederation of Indian Industry (CII), Cochin Chamber of Commerce and Industry , All India Management Association, The Federation of Indian Chambers of Commerce and Industry (FICCI), Standing Conference of Public Enterprises (SCOPE) and Society of Indian Defence Manufacturers (SIDM), governments, NGOs, local communities, regulators and society at large.

2. List stakeholder groups identified as key for your entity and the frequency of engagement with each stakeholder group.

S. No.	Stakeholder Group	Whether identified as Vulnerable & Marginalized Group (Yes/ No)	Channels of communication (Email, SMS, Newspaper, Pamphlets, Advertisement, Community Meetings, Notice Board, Website), Other	Frequency of engagement (Annually/ Half yearly/ Quarterly / others – please specify)	Purpose and scope of engagement including key topics and concerns raised during such engagement
1.	Customers	No	Project-related calls, e-mails and meetings; project management reviews; top executive meetings and briefings; customer visits; responses to RFPs and other tenders etc. newsletters; brochures	continuous	Shipbuilding and Ship Repair Project execution
2.	Shareholders	No	Press releases; email advisories; in-person meetings; investor conference calls etc.	<ul style="list-style-type: none">Quarterly: Financial statements in IndAS; earnings call; exchange notifications;Continuous: Investors page on the CSL websiteAnnual: Annual General Meeting; Annual Report	<ul style="list-style-type: none">Helping investors voice their concerns regarding company policies, reporting strategy, etc.Understanding shareholder expectations
3.	Employees	No	Intranet, e-mail and meetings	Continuous basis	Informing about various orders, directives, schemes etc.
4.	Academic Institutions	No	As needed: Academic and Training Programs; and meetings	As and when needed	Training and development
5.	Industry bodies, government and Regulators	No	As needed: <ul style="list-style-type: none">Conferences and seminars;surveys; andother meetings	As and when needed	Ensure 100% compliance to all applicable laws.
6.	NGOs; local communities; and society at large	No	As needed: <ul style="list-style-type: none">Meetings;Social Media;Surveys; andPress Releases	As and when needed	Execution of CSR project, intimation of important events and occurrences.

PRINCIPLE 5
Businesses should respect and promote human rights
Essential Indicators

1. **Employees and workers who have been provided training on human rights issues and policy(ies) of the entity, in the following format:**

Category	FY 2022 (Current Financial Year)		
	Total (A)	No. of employees/ workers covered (B)	% (B / A)
Employees			
Permanent	553	26	4.70
Other than permanent	129	0	-
Total Employees	682	26	3.81
Workers			
Permanent	1204	0	-
Other than permanent	1282	0	-
Total Workers	2486	0	-

2. **Details of minimum wages paid to employees and workers, in the following format:**

Category	FY 2022 (Current Financial Year)				
	Total (A)	Equal to Minimum Wage		More than Minimum Wage	
		No.(B)	% (B / A)	No.(C)	% (C / A)
Employees					
Permanent	553	0	-	553	100
Male	483	0	-	483	100
Female	70	0	-	70	100
Other than Permanent	129	0	-	129	100
Male	110	0	-	110	100
Female	19	0	-	19	100
Workers					
Permanent	1204	0	-	1204	100
Male	1102	0	-	1102	100
Female	102	0	-	102	100
Other than Permanent	1282	0	-	1282	100
Male	1202	0	-	1202	100
Female	80	0	-	80	100

3. **Details of remuneration/salary/wages, in the following format:**

	Male		Female	
	Number	Median remuneration/ salary/wages of respective category (Rs.)	Number	Median remuneration/ salary/wages of respective category (Rs.)
Board of Directors(BoD)	12	6172500	1	0
Key Managerial Personnel (KMP)	5	6173065	0	0
Employees other than BoD and KMP	483	1693080	64	1612370
Workers	1075	766750	96	731206

4. **Do you have a focal point (Individual/ Committee) responsible for addressing human rights impacts or issues caused or contributed to by the business? (Yes/No)**

The Chief Welfare Officer shall address any human rights impact or issues caused or contributed to by the business.

5. **Describe the internal mechanisms in place to redress grievances related to human rights issues.**

The human resource policies of the Company cover all aspects of human rights of its employees and others associated with it for operation of its business and covers human rights of employees of the subsidiaries also. The Company is committed to uphold and maintain the dignity of women employees and it has in place a policy which provides for protection against sexual harassment of women at work place and for prevention and redressal of such complaints. The Company is also committed to comply with all human rights practices across subsidiaries and other stakeholders associated with the Company.

6. **Number of Complaints on the following made by employees and workers:**

	FY 2022 (Current Financial Year)		
	Filed during the year	Pending resolution at the end of the year	Remarks
Sexual harassment	1	0	The complaint was related to indecent graffiti. The board of enquiry submitted the report based on which the Company took necessary actions to immediately remove the indecent graffiti. Also employees were sensitised to prevent reoccurrence and reporting the matter immediately.
Discrimination at workplace	0	0	
Child labour	0	0	
Forced labour/ involuntary labour	0	0	
Wages	0	0	
Other human rights related issues	0	0	

7. **Mechanisms to prevent adverse consequences to the complainant in discrimination and harassment cases.**

Concerns on discrimination and harassment are dealt with confidentially. CSL does not tolerate any form of retaliation against anyone reporting good faith concerns. Anyone involved in targeting such a person raising such complaints will be subject to disciplinary action.

8. **Do human rights requirements form part of your business agreements and contracts? (Yes/No)**

Yes, wherever found necessary.

9. **Assessment for the year**

	% of your plants and offices that were assessed (by entity or statutory authorities or third parties)
Sexual harassment	CSL internally monitors compliance for all relevant laws and policies pertaining to these issues. There have been no observations by local statutory / third parties in India in FY 2022.
Discrimination at workplace	
Child labour	
Forced labour/ involuntary labour	
Wages	
Other human rights related issues	

10. **Provide details of any corrective actions taken or underway to address significant risks / concerns arising from the assessments at Question 9 above.**

Not Applicable

PRINCIPLE 6

Businesses should respect and make efforts to protect and restore the environment

Essential Indicators

1. Details of total energy consumption (in Joules or multiples) and energy intensity, in the following format:

Parameter	FY 2022 (Current Financial Year)	
	Value	Unit
Total electricity consumption (A)	136975.27	GJ
Total fuel consumption (B)	8994.25	GJ
Energy consumption through other sources (C)	0.00046	GJ
Total energy consumption (A+B+C)	145969.52	GJ
Energy intensity per rupee of turnover (Total energy consumption/ turnover in rupees)	0.00046	

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency.

No, CSL internally monitors the energy consumption.

2. Does the entity have any sites / facilities identified as Designated Consumers (DCs) under the Performance, Achieve and Trade (PAT) Scheme of the Government of India? (Y/N) If yes, disclose whether targets set under the PAT scheme have been achieved. In case targets have not been achieved, provide the remedial action taken, if any.

Not Applicable

3. Provide details of the following disclosures related to water, in the following format:

Parameter	FY 2022 (Current Financial Year)	
	Value	Unit
Water withdrawal by source (in kilolitres)		
(i) Surface water	0	Kilolitres
(ii) Groundwater	859	Kilolitres
(iii) Third party water	661299	Kilolitres
(iv) Seawater / desalinated water	0	Kilolitres
(v) Others by the entity	0	Kilolitres
Total volume of water withdrawal (in kilolitres) (i + ii + iii + iv + v)	662158	Kilolitres
Total volume of water consumption (in kilolitres)	654318	Kilolitres
Water intensity per rupee of turnover (Water consumed / turnover)	0.00002	

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency.

No, CSL internally monitors the water consumption.

4. Has the entity implemented a mechanism for Zero Liquid Discharge? If yes, provide details of its coverage and implementation.

No

5. Please provide details of air emissions (other than GHG emissions) by the entity, in the following format:

Parameter	FY 2022 (Current Financial Year)	
	Value	Unit
Air emissions (other than GHG emissions)		
Nil	Nil	N.A.

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N) If yes, name of the external agency.

No, CSL does not have significant air emissions other than GHG emissions.

6. Provide details of greenhouse gas emissions (Scope 1 and Scope 2 emissions) & its intensity, in the following format:

Parameter	FY 2022 (Current Financial Year)		
	Greenhouse Gas Emissions (Scope 1 Emissions)	Greenhouse Gas Emissions (Scope 2 Emissions)	Unit
Total GHG Emissions	583.30	32924	Metric tonnes of CO2 equivalent
Break-up of the GHG into CO2, CH4, N2O, HFCs, PFCs, SF6, NF3, if available			
CO2	578.64	0	Metric tonnes of CO2 equivalent
CH4	0.2418	0	Metric tonnes of CO2 equivalent
N2O	4.41	0	Metric tonnes of CO2 equivalent
HFCs	0	0	Metric tonnes of CO2 equivalent
PFCs	0	0	Metric tonnes of CO2 equivalent
SF6	0	0	Metric tonnes of CO2 equivalent
NF3	0	0	
Total Scope 1 and Scope 2 emissions per rupee of turnover	0.00000183	0.0001032	

7. Does the entity have any project related to reducing Green House Gas emission? If Yes, then provide details

The Company's major initiative in the conservation of energy was installation of solar panels on the rooftop of various buildings inside CSL premises. The programme commenced in the year 2013-14. As of March 31, 2022, solar power plant having capacity of 1622 kWp has been commissioned in CSL. The Company is also spearheading the building of battery operated zero emission vessels and development of Hydrogen Fuel Cell vessels, the details of which are more specifically given in the Directors' Report.

8. Provide details related to waste management by the entity, in the following format:

a. Total Waste generated

Parameter	Hazardous Waste Generated	
	FY 2022 (Current Financial Year)	
	Value	Unit
Plastic Waste	6.41	t
E-Waste	4380	t
Waste or Residue Containing Oil	32	t
Oil & Grease skimming	23.50	t
Equipment Retiral Waste	0.08	t
Biomedical Waste	0.0897	t
Empty Paint Tin	0	t
Used Copper Slag	0	t
Copper Cables	0	t
Waste Oil	572.10	t
Copper Slag	4653.60	t
Anode	3.05	t
Paint Sludge	6	t

Parameter	Non-Hazardous Waste Generated	
	FY 2022 (Current Financial Year)	
	Value	Unit
Metal Waste	1235.82	t
Paper and Cardboard Waste	0.555	t
Food Waste	253.73	t
Civil Waste	95	t
Aluminium Waste	6	t
Miscellaneous Waste	0	t
Steel Scrap	1087.06	t
Industrial Waste	3918.46	t
Empty Oil Barrel	10.71	t
Total Waste Generated	16284.17	t

b. For each category of waste generated, total waste recovered through recycling, re-using or other recovery operations (in metric tonnes)

Category of waste: Hazardous waste	FY 2022 (Current Financial Year)			
	Total	(i) Recycled	(ii) Re-used	(iii) Other recovery operations
Plastic Waste	0.0049	0.0049		
E-Waste	0			
Waste or Residue Containing Oil	0			
Oil & Grease skimming	0			
Equipment Retiral Waste	0			
Biomedical Waste	0			
Empty Paint Tin	0			
Used Copper Slag	0			
Copper Cables	0			
Waste Oil	0			
Copper Slag	0			
Anode	0			
Paint Sludge	0			

Category of waste: Non-Hazardous waste	FY 2022 (Current Financial Year)			
	Total	(i) Recycled	(ii) Re-used	(iii) Other recovery operations
Metal Waste	0			
Paper and Cardboard Waste	0			
Food Waste	0			
Civil Waste	0			
Aluminium Waste	0			
Miscellaneous Waste	0			
Steel Scrap	0			
Industrial Waste	0			
Empty Oil Barrel	0			

c. For each category of waste generated, total waste disposed by nature of disposal method (in metric tonnes)

Category of waste: Hazardous waste	FY 2022 (Current Financial Year)					
	Total	Scrap Sale	PCB authorised agency	Co-processing	Sent to IMAGE	Composting
Plastic Waste	0					
E-Waste	35	35				
Waste or Residue Containing Oil	0					
Oil & Grease skimming	0					
Equipment Retiral Waste	0					
Biomedical Waste	0.0897				0.0897	
Empty Paint Tin	49	49				
Used Copper Slag	4401.57		4401.57			
Copper Cables	44.55					
Waste Oil	461.85					
Copper Slag	0					
Anode	0					
Paint Sludge	0					

Category of waste: Non hazardous waste	FY 2022 (Current Financial Year)					
	Total	Scrap Sale	PCB authorised agency	Co-processing	Sent to IMAGE	Composting
Metal Waste	0					
Paper and Cardboard Waste	0					
Food Waste	130.51			120.07		10.44
Civil Waste	0					
Aluminium Waste	0					
Miscellaneous Waste	0					
Steel Scrap	0					
Industrial Waste	3337.26		3337.26			
Empty Oil Barrel	33.34	33.34				

Note: Indicate if any independent assessment/ evaluation/assurance has been carried out by an external agency? (Y/N)
If yes, name of the external agency.

No, CSL internally monitors the waste management.

9. Briefly describe the waste management practices adopted in your establishments. Describe the strategy adopted by your company to reduce usage of hazardous and toxic chemicals in your products and processes and the practices adopted to manage such wastes.

CSL has an operating Memorandum of Understanding (MoU) with Kerala Enviro Infrastructure Limited (KEIL), an authorized agency of Kerala state Pollution Control Board (KSPCB). CSL is disposing its industrial wastes through Kerala Enviro Infrastructure Limited in compliance with applicable statutory requirements promulgated by Pollution Control Board from time to time.

10. If the entity has operations/offices in/around ecologically sensitive areas (such as national parks, wildlife sanctuaries, biosphere reserves, wetlands, biodiversity hotspots, forests, coastal regulation zones etc.) where environmental approvals / clearances are required, please specify details in the following format:

S. No	Location of operations/offices	Type of operations	Whether the conditions of environmental approval / clearance are being complied with? (Y/N) If no, the reasons thereof and corrective action taken, if any.
1.	CSL, Perumanoor, Kochi, Kerala	Shipbuilding and Ship Repair	Y
2.	ISRF, Willingdon Island, Kochi, Kerala	Ship Repair	Y
3.	CMSRU, Mumbai, Maharashtra	Ship Repair	Y
4.	CKSRU, Kolkata, West Bengal	Ship Repair	Y
5.	CANSRU, Andaman & Nicobar Islands	Ship Repair	Y

11. Details of environmental impact assessments of projects undertaken by the entity based on applicable laws, in the current financial year:

S. No	Name and brief details of project	EIA Notification No.	Date	Whether conducted by independent external agency (Yes / No)	Results communicated in public domain (Yes / No)	Relevant Web link
1.	Augmentation of existing Ship Repair facility at Cochin Port Trust (CoPT) workshop establishment located at Willingdon Island, Cochin, Kerala	IA/KL/MIS/22 905/2013	2015-10-06	Yes	Yes	http:// environmentclearance.nic.in/DownloadPdfFile.aspx?FileName=YUYCWCU2UZYvq/7tJY4REqKpcDCScQrCEHiz6Rb3kJWAUCBLmn3P8SI+P61DG6XzLoJB3r4IMW14s6VimlHyA==&FilePath=93ZZBm8LWEXfg+HAIQix2fE2t8z/pgnoBhDIYdZCzxUeqEISsDpNmaozay3MPM7v

S. No	Name and brief details of project	EIA Notification No.	Date	Whether conducted by independent external agency (Yes / No)	Results communicated in public domain (Yes / No)	Relevant Web link
2.	New Dry Dock Facility at Cochin Shipyard Limited, Kochi, Kerala	IA/KL/MIS/27087/2015	2016-08-19	Yes	Yes	http://environmentclearance.nic.in/DownloadPfdFile.aspx?FileName=xNR3D3OFK9snKtSFjN o2Gv3siDveGtLnVz qIKoXV84PJaBjDm MxxGkuKJc4iTeVV13nvvgYczCthOJzYA2ppVg==&FilePath=93ZZBm8LWEXfg +HAIQix2fE2t8z/pg noBhDIYdZCzUe q EISsDp Nmaozay 3 MPM7v

12. Is the entity compliant with the applicable environmental law/ regulations/ guidelines in India; such as the Water (Prevention and Control of Pollution) Act, Air (Prevention and Control of Pollution) Act, Environment Protection Act and Rules thereunder (Y/N). If not, provide details of all such non-compliances, in the following format:

Yes, CSL has complied with applicable environmental law/regulations / guidelines applicable in India.

S. No	Specify the law / regulation / guidelines which was not complied with	Provide details of the noncompliance	Any fines / penalties / action taken by regulatory agencies such as pollution control boards or by courts	Corrective action taken, if any
	N.A.	N.A.	N.A.	N.A.

PRINCIPLE 7

Businesses, when engaging in influencing public and regulatory policy, should do so in a manner that is responsible and transparent

Essential Indicators

1. a. Number of affiliations with trade and industry chambers/ associations.

8

b. List the top 10 trade and industry chambers/ associations (determined based on the total members of such body) the entity is a member of/ affiliated to.

S. No.	Name of the trade and industry chambers/ associations	Reach of trade and industry chambers/ associations (State/National)
1.	Indian Shipbuilders Association	National
2.	Indo Japan Chamber of Commerce	International
3.	Confederation of Indian Industry (CII)	National
4.	Cochin Chamber of Commerce and Industry	State of Kerala
5.	All India Management Association	National
6.	The Federation of Indian Chambers of Commerce and Industry (FICCI)	National
7.	Standing Conference of Public Enterprises (SCOPE)	National
8.	Society of Indian Defence Manufacturers (SIDM)	National

2. Provide details of corrective action taken or underway on any issues related to anti-competitive conduct by the entity, based on adverse orders from regulatory authorities.

Name of authority	Brief of the case	Corrective action taken
Not Applicable	Not Applicable	Not Applicable

PRINCIPLE 8

Businesses should promote inclusive growth and equitable development

Essential Indicators

1. Details of Social Impact Assessments (SIA) of projects undertaken by the entity based on applicable laws, in the current financial year.

Nil

S. No.	Name and brief details of project	SIA Notification No	Date of notification	Whether conducted by independent external agency (Yes / No)	Results communicated in public domain (Yes / No)	Relevant Web link
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

2. Provide information on project(s) for which ongoing Rehabilitation and Resettlement (R&R) is being undertaken by your entity, in the following format:

Nil

S. No.	Name of Project for which R&R is ongoing	State	District	No. of Project Affected Families (PAFs)	% of PAFs covered by R&R	Amounts paid to PAFs in the FY (In INR)
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

3. Describe the mechanisms to receive and redress grievances of the community.

CSL's grievance redressal system is headed by a Whole Time Director and the complaints involving issues of integrity, fairness and transparency in dealing with CSL will be addressed and attended to in a time bound manner. Towards this the Company has put in place a grievance portal which can be accessed at <https://cochinshipyard.in/grievance-cell>

4. Percentage of input material (inputs to total inputs by value) sourced from suppliers:

	FY 2022 (Current Financial Year)
Directly sourced from MSMEs/ small producers	51
Sourced directly from within the district and neighbouring districts	*

*CSL follows the Public Procurement (Preference to Make in India), Order 2017 promulgated by the Government of India and wherever possible sources its materials from local suppliers to encourage 'Make in India' and promote manufacturing and production of goods and services in India. The procurement system of CSL does not differentiate sourcing from within or outside a particular area/district/locality.

PRINCIPLE 9

Businesses should engage with and provide value to their consumers in a responsible manner

Essential Indicators

1. Describe the mechanisms in place to receive and respond to consumer complaints and feedback.

All the contracted vessels are conducted with a customer satisfaction survey and feedbacks are taken from owners willing to share their experience. The surveys are conducted by an independent third party firm in order to have open & genuine feedback from the customer.

2. Turnover of products and/ services as a percentage of turnover from all products/service that carry information about:

	As a percentage to total turnover
Environmental and social parameters relevant to the product	100
Safe and responsible usage	100
Recycling and/or safe disposal	NA

3. Number of consumer complaints in respect of the following:

	FY 2022 (Current Financial Year)	
	Received during the year	Pending resolution at end of year
Data privacy	0	0
Advertising	0	0
Cyber-security	0	0
Delivery of essential services	0	0
Restrictive Trade Practices	0	0
Unfair Trade Practices	0	0
Other	0	0

4. Details of instances of product recalls on account of safety issues:

	Number	Reasons for recall
Voluntary recalls	0	
Forced recalls	0	

5. Does the entity have a framework/ policy on cyber security and risks related to data privacy? (Yes/No) If available, provide a web-link of the policy.

CSL has put in place a detailed Information Security Policy, and the same is available in CSL intranet.

6. Provide details of any corrective actions taken or underway on issues relating to advertising, and delivery of essential services; cyber security and data privacy of customers; re-occurrence of instances of product recalls; penalty / action taken by regulatory authorities on safety of products / services

Not Applicable



COCHIN SHIPYARD LIMITED

Registered Office

Cochin Shipyard Limited
Administrative Building
Cochin Shipyard Premises
Perumanoor, Kochi – 682 015, Kerala, India

