



2020

ENVIRONMENTAL SOCIAL AND GOVERNANCE REPORT

SICHUAN EXPRESSWAY COMPANY LIMITED

March 2021

Stock code: SSE 601107 Stock Exchange 00107



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(I) Reporting Guidelines

The “2020 Environmental, Social and Governance Report” (hereinafter referred to as the “ESG report” or the “Report”) is prepared in accordance with Guidelines on Preparing the Report on Corporate Fulfilment of Social Responsibility issued by the Shanghai Stock Exchange (hereinafter referred to as “SSE”), and the Environmental, Social and Governance Reporting Guide (hereinafter referred to as the “ESG Reporting Guide”) issued by The Stock Exchange of Hong Kong Limited (hereinafter referred to as the “HKEx”).

(II) References

“Chengyu Company”, “Sichuan Expressway”, “(the) Company”, “(the) Group” or “we” appeared in the Report refer to Sichuan Expressway Company Limited and/or its subsidiaries.

(III) Scope of the Report

The Report covers the important practices and performance of the Company from January 1, 2020 to December 31, 2020 (hereinafter referred to as “this year” or “during the reporting period”) in relation to its stakeholders, environment and resources, employees, supply chain and products, measures on fighting epidemic, anti-corruption, community services, support for poverty alleviation, etc. The report covers a total of 24 subsidiaries.

(IV) Report Statement

The Board of Directors and all Directors of the Company hereby guarantee that there are no misrepresentation, misleading statements or major omissions contained in the Report, and bear individual and joint responsibility for the authenticity, accuracy and completeness of the contents.

The Report was reviewed and approved at the 11th meeting of the 7th Board of Directors held on 30th, March, 2021.

(V) Method of Contact

The Report is available in simplified Chinese, traditional Chinese and English, which may be obtained on the websites of SSE (<http://www.sse.com.cn>), HKEx (<http://www.hkexnews.hk>) and the Company website (<http://www.cygs.com>) as needed.

Should you have any questions or comments regarding the Report, please feel free to contact us at:

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The Company's principal businesses include operation of expressways, provision of services to vehicles and collection of tolls in accordance with charging standards stipulated by relevant government authorities. At the same time, the Company also conducts a range of various other businesses related to expressways.

Playing a fundamental and forerunner role in the national economy, the expressway sector does not merely satisfy people's needs for efficient and speedy travel, but also facilitates social and economic development. The Company obtains its operating expressway assets by way of investment and construction as well as acquisition. Currently, the Company owns all or substantially all interests in a number of expressways in Sichuan Province such as Chengyu Expressway, Chengya Expressway, Chengle Expressway, Chengren Expressway, Chengbei Exit Expressway, Suixi Expressway, Suiguang Expressway and Tianqiong Expressway which is under construction. The total length of the expressways owned by the Company is approximately 744km, while 42km is under construction. We exert significant impacts and play a critical role in investment, construction and operation of expressways in the Sichuan province.

Road Network of the Group's Expressways





(I) Concept of Responsibility

The Company deeply understands that corporate development is closely related to the environment and society. Since our establishment, we have been adhering to the social responsibilities of providing the public with safe, fast and comfortable travel services and promoting balanced development between society and economy. While obtaining economic benefits, we continue to pay attention to our products and services in terms of their environmental and social impacts, respect the interests of stakeholders and take corresponding responsibilities.

At the same time, the Company consistently adheres to the concept of "green development, convenience and safety, high efficiency and excellence", clarifies the development goals of coexistence and co-prosperity with the environment and society, and strives to achieve a win-win situation for its own development, environmental protection and social harmony.

(II) Governance Structure and Strategy

This year, the Board of Directors of the Company paid significant attention to ESG-related matters, passed and established the Chengyu Company ESG Work Leaders Group (hereinafter referred to as the "Leaders Group"). The Board of Directors supervises ESG-related matters (including the Company's ESG management policy, development strategy and related target supervision) through the Leaders Group, and makes the following statement:

The Leaders Group is chaired by the chairman of Chengyu Company, while the deputy leader is served by the Company's vice chairman, general manager, and the chairman of the Supervisory Board. The Company's management team and other members are members of the Leaders Group, conducting comprehensive management of the ESG work of Chengyu Company.

The ESG work office is set up under the Leaders Group, the director of which is concurrently chaired by the director of the office of the Board of Directors of Chengyu Company. The members are composed of the heads of departments of Chengyu Company's headquarter, mainly responsible for coordinating the specific affairs and daily management of ESG work:

Establish a complete ESG ledger database, and conduct quantitative and qualitative statistical analysis;

Formulate ESG work goals and improve ESG work performance;

Complete ESG work summary and data archiving of related businesses;

Guide subsidiaries to manage ESG related work;

Report work to the Leaders Group.

In addition, the person in charge of the subsidiaries of Chengyu Company is the chief person responsible for the ESG work of the Company. Subsidiaries must refer to the ESG work governance structure of Chengyu Company's headquarter, to establish a corresponding governance structure, so as to comprehensively enhance ESG work.



(I)Stakeholder Engagement

Chengyu Company has identified the stakeholders who have a significant relationship with the business of the Group. The identified important stakeholders are as follows:

The government and regulatory authorities

The Company abides by the guidance and supervision of the government and regulatory agencies, strictly enforces corporate governance, operates in compliance with laws and regulations, pays taxes in accordance with the law, and earnestly performs the responsibility of statutory information disclosure without any violation of regulatory requirements. This year, Chengyu Company was awarded the highest credit rating of AAA for corporate entities and debts by two rating agencies, China Cheng Xin International Credit Rating Co., Ltd. and Golden Credit Rating International Co., Ltd. The double AAA credit rating will continue to maintain and enhance the Company's influence and credibility in the capital market, and provide strong credit protection for the Company's subsequent financing. In addition, the Company has been consecutively rated as an "A" company for information disclosure on the SSE for the eighth year.

Shareholders

The Company strictly abides by the "Company Law of the People's Republic of China", "The Securities Law of the People's Republic of China", the listing rules of SSE, HKEx, and other relevant laws and regulations, and faithfully implements the obligations required by "Governance Guidelines for Listed Companies" of the China Securities Regulatory Commission and "Corporate Governance Code" of the HKEx. In addition, the Company abides by the bottom line of compliance in the A+H share market, carries out business activities in strict accordance with various regulatory systems, strives to improve the transparency of corporate operation, continuously improves corporate governance, continues to serve shareholders, creating a desirable investment return.

1. Treat shareholders equally and ensure that shareholders, especially small and medium shareholders, enjoy equal status and fully exercise their rights. This year, the Company held 1 annual general meeting and 2 extraordinary general meetings. The meeting procedures were in compliance with the "Company Law of the People's Republic of China", the "Articles of Association" of the Company and the "Provisions of the General Meeting of Shareholders", and adopted the combination of on-site as well as online voting to provide convenience for small and medium shareholders for exercising their rights.

2. Pay attention to providing reasonable investment return to shareholders and implement a continuous and stable profit distribution policy. Since the Company went public, it has been insisting on distributing cash dividends to shareholders every year, so that shareholders can benefit from the Company's development. The Board of Directors has proposed the payment of a final cash dividend of RMB 0.08 per ordinary share (tax included) for the current year, a total of approximately RMB 244,645 thousand, accounting for 47.27% of the Company's profit for distribution to shareholders calculated in accordance with the Chinese Accounting Standards realized this year, while accounting for 36.27% of the profit attributable to the owners of the Company in the consolidated statement (calculated in accordance with Chinese Accounting Standards). The dividend proposal still needs to be approved by shareholders at the Company's upcoming annual general meeting of this year.

3. Strictly perform statutory information disclosure obligations to ensure that all shareholders have equal and full rights to know. In 2020, the Company issued 4 regular reports and 71 temporary announcements on the A-share market, and the total number of documents issued on the H-share market was 71.

4. Continuously maintain and improve investor relations in a variety of ways. This year, the Company participated in the Online Collective Reception Day for investors of listed companies in the Sichuan jurisdiction in 2020, as part of the 2020 Sichuan Listed Company Investor Relations Month event organized by the Sichuan Listed Companies Association in conjunction with the China Securities Small and Medium Investor Service Center, SSE Information Network Co., Ltd., and Shenzhen Panorama Network Co., Ltd., answering investors' questions online. In addition, the Company communicated with investors more than 165 times through "SSE e-interaction", telephone, letter, and internet, and received 3 batches of onsite inspection, with more than 167 investors participated.



Creditors and Suppliers

The Company insists on operating in accordance with the law and standards. All business activities are in accordance with the principles of openness, fairness, honesty and trustworthiness, equality, and mutual benefit. The Company actively implements the bidding system, strictly controls internal approval procedures, and effectively protects the legal rights and interests of creditors and suppliers, striving to build healthy and lasting partnerships.

For creditors, the Company strictly controls the loan procedures and fulfills the repayment obligations as agreed. There has never been any irregularity in the loan procedures or failure to repay in time when they are due, thus ensuring the interests of creditors. Over the years, the Company has established and maintained good credit relations with creditors with its stable cash flow, stable capital structure and good credit records. During the reporting period, the Company continued to improve its financial management and control system and optimized security of capital operation: The first is to continue to improve the financial system, strengthen financial supervision, strengthen risk prevention and tax management, reduce costs and increase efficiency, and strive for social security relief such as "exemption, reduction, postponement, rebate, and reimbursement" of about 39 million yuan, and tax preferential policies to return funds of about 12 million yuan; Second, continue to strengthen centralized management of funds, flexibly use existing funds, and reasonably reduce external financing, with a pooling rate of 97% that can be integrated, saving financial costs of about RMB 33 million yuan; Third, making full use of financial policies during the epidemic, successfully obtaining support for the special working capital loan of 300 million yuan for the resumption of work and production which was affected by the epidemic, setting a historical low for the Company's loan cost and reducing our financial cost; Fourth, seizing the financing window period, the construction loan financing cost of the Tianqiong Expressway project has reached a new low. The syndicated construction loans for Chengren, Suiguang and Suixi Expressways were broadly reduced, the interest payments were postponed, the current loan interest rates were all lowered, and the replacement of high-interest funds of RMB 1.06 billion yuan was completed, which effectively reduced financial costs; Fifth, multi-channel financing diversified risks and successfully obtained the approval of receiving RMB 2-billion-yuan worth of registered medium-term notes and ultra-short-term financing bonds respectively.

For suppliers, we continue to optimize the supply chain management system, improve internal controls, and make procedural approvals more complete and efficient; at the same time, we effectively implement the Company's bidding management system in accordance with relevant national laws and regulations, and strictly adopt public bidding, project comparison and selection, inquiry and bidding, etc., and arrange company-wide discipline inspections where supervisory personnel reviews the bidding process at different levels to ensure the Company's tendering and bidding procedures are open and transparent, and effectively guarantee the legal rights of suppliers.



**Consumers**

With the goal of "satisfying our consumers", the Company is committed to improving the road and facilities, and enhancing the level of management and services, so as to ensure that consumers enjoy safe, convenient and comfortable road transportation services. The Company has provided eminent channels for the consumers for information communication. They may make inquiry or complaints by phone or through the Company's website. Once the Company receives the consumers' opinions or suggestions, it will promptly follow up with the investigation, and feedback the results to the consumers.

Employees

The Company continues to optimize the talent structure, implements a scientific and reasonable selection and employment system; strengthens the concept of occupational safety, improves the safety management system, and escorts the safety of employees; by being people-oriented, the Company develops a wealth of vocational training, cultural and sports activities, etc., so that employees would feel productive and fulfilling.

Communication channels and main expectations of various stakeholders

Stakeholder Group	2020 Stakeholder Communication Channels	2020 Main Expectations of Stakeholders
Shareholders	General meeting of shareholders Company Announcement, Onsite Inspection Investor briefing, Roadshow	Protect the rights and interests of shareholders Improve corporate governance Improve operational performance
Government and regulatory agencies	Implement national policies and laws and regulations Work report	Operation in compliance Drive local economy Expand employment and contribute to society Safe production and operation Emissions compliance Reduce the environmental impact of the Company's operations
Creditors	Creditor Information Report Creditor meeting Communication meeting, Analyst briefing	Timely and accurately disclose relevant information Improve business performance
Partners (such as suppliers, contractors, etc.)	Bidding Seminars, forums Admittance and evaluation Onsite Inspection	Fair trade Maintain a good partnership
Consumers	Business communication Customer feedback	Mature quality assurance system Ensure road quality and traffic safety Maintain smooth roads and efficient transportation
Employees	Workers Conference Suggestion Box Informal discussion	Occupational health Salary and benefits Career development, Humanistic care
The public/Media	Press announcement Maintenance of active communication with the media	Maintain good media relations Deliver correct and transparent information in time
Local communities	Charity events Complaint Hotline	Improve the community environment Support community welfare Targeted poverty alleviation Epidemic prevention and control



(II) Identification of Material Issues

During the reporting period, in response to the expectations and needs of various stakeholders and identify material issues, the Company conducted stakeholder surveys through questionnaires to understand their levels of concern about a wide range of ESG issues. By assessing the two sets of scores obtained based on the degree of importance of the ESG issues to stakeholders and to the Company respectively, we identified the material issues for the year. The material issues identified during the reporting period have been reviewed by the Board of Directors. The identification process of material topics is as follows:

1. Establish a database of potentially material ESG issues

According to SSE's "Guidelines for the Preparation of Corporate Social Responsibility Reports" and HKEx's "ESG Reporting Guide", combined with other factors including Chengyu Company's business characteristics, characteristics of the industry's development, and top social issues of the year, 25 potentially material topics were selected (10 of which are from the environmental aspect and 15 from the social aspect), constituting Chengyu Company's ESG topic database, that is, the potentially material topics of the year.

2. Carry out stakeholder surveys

Chengyu Company invited employees, management team, partners (suppliers and contractors) and consumers to rank the above issues from the two dimensions, including the importance of the topics to stakeholders and the importance to Chengyu Company. A total of 157 valid questionnaires were collected.

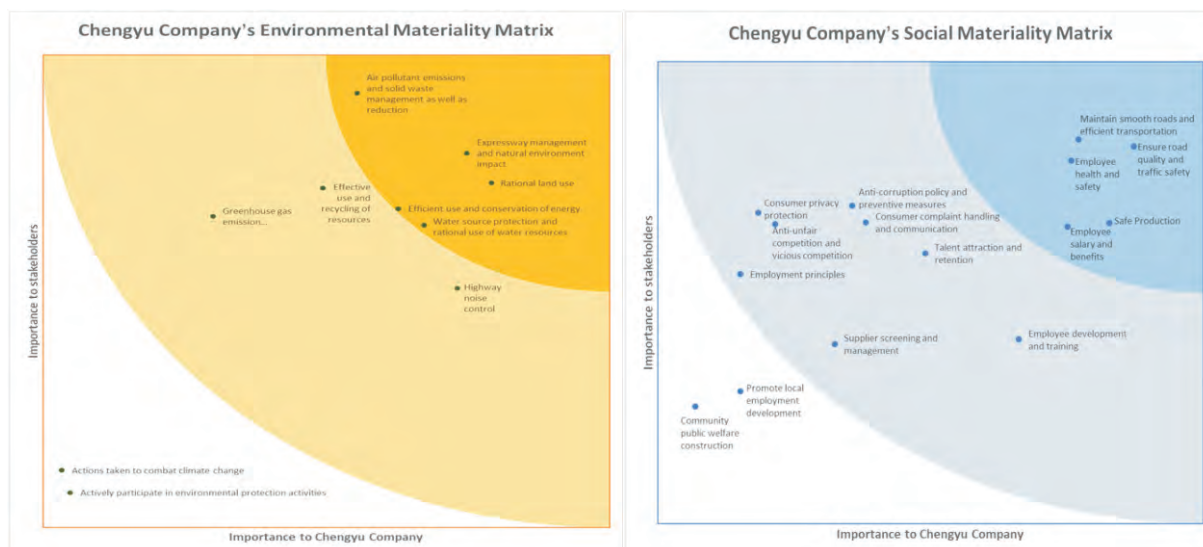
3. Identify and derive material topics

According to the analysis, the issues that were ranked relatively higher in both dimensions (the dark yellow and dark blue parts in the figure below) were identified as material issues.

4. The Board of Directors reviews material topics

The Board of Directors of Chengyu Company has reviewed and confirmed the material topics identified this year, which were regarded as having significant reference value for Chengyu Company's future sustainable development work.

A total of 10 material topics were identified in this year's materiality survey, including 5 from the environmental aspect and 5 from the social aspect. The environmental and social materiality matrix of Chengyu Company is as follows:





The report focuses on the most material issues identified, and the chapters corresponding to each of these issues are as follows:

Material issues		Corresponding chapter in the report
Environmental issues	Air pollutant emissions and solid waste management as well as reduction	ENVIRONMENT AND RESOURCES (I)Emissions
	Water source protection and rational use of water resources	ENVIRONMENT AND RESOURCES (II)Resource Consumption
	Efficient use and conservation of energy	ENVIRONMENT AND RESOURCES (II)Resource Consumption
	Expressway management and natural environment impact	ENVIRONMENT AND RESOURCES (III)Environment and Natural Resources
	Rational land use	ENVIRONMENT AND RESOURCES (II)Resource Consumption (III)Environment and Natural Resources
Social issues	Employee health and safety	EMPLOYEES (II)Safety and Health
	Employee salary and benefits	EMPLOYEES (I)Employment
	Safe Production	EMPLOYEES (II) Safety and Health
	Ensure road quality and traffic safety	SUPPLY CHAIN AND PRODUCTS (II)Products and Services
	Maintain smooth roads and efficient transportation	SUPPLY CHAIN AND PRODUCTS (II) Products and Services



The ecological environment is the foundation of human survival and development, and environmental protection is the obligatory social responsibility of a company. The Company always puts environmental protection and ecological civilization construction in a prominent position, adheres to the principle of giving priority to conservation, protection and natural restoration, vigorously promotes the coordination of the Company's development with resources and the environment, and strives to build a resource-saving and environment-friendly enterprise. The Company not only pays close attention to learning and understanding relevant laws and regulations, technical policies, and development trends such as highway environmental protection and soil and water conservation, but also focuses on improving and implementing its own environmental protection strategies and systems, and continuously integrates new concepts and technologies of green, low-carbon, energy-saving and environmental protection into the process of operation and management.

Environmental management structure:

To strengthen ecological environmental protection and practice the concept of green development, Chengyu Company established an environmental protection management framework for hierarchical management according to the levels of hierarchy within the Group, from the headquarter to its subsidiaries. At the same time, the Company issued the "Environmental Protection Work Management of Chengyu Company" (hereinafter referred to as the "Environmental Protection Management Measures"). The Environmental Protection Management Measures stipulate the work responsibilities, work requirements, and supervision and assessment methods at different levels of hierarchy within the Group.

System, development of management system and target setting:

In accordance with existing systems such as national and provincial environmental protection laws, regulations, and standards, the Company completed the preparation of 1 management method and 11 related systems, and issued the "Environmental Protection System Collection" to further improve the environmental protection system.

During the reporting period, at the overall work level, the Company formulated and issued Chengyu Company's "Key Points of Environmental Protection Work in 2020" (hereinafter referred to as "Key Points of Environmental Protection Work") to clarify the overall requirements, main control indicators and key tasks of the annual environmental protection work. Among them, the key points of environmental protection work have clarified the environmental management goals for this year, that is, "Chengyu Company and its subsidiaries shall not incur environmental protection responsibility incidents throughout the year." On such basis, the Company holds work meetings on a quarterly basis to ensure orderly progress of various environmental protection work and implement the compact environmental protection work responsibilities. At the same time, the environmental protection management measures stipulate that the annual assessment results of environmental protection target management shall be included in the annual business performance assessment of the responsible departments at all levels.

Environmental risk prevention and control:

The Company conducts a comprehensive survey of environmental protection work, including the construction of environmental protection work organization and implementation of work responsibilities of its subsidiaries; the treatment and discharge of pollutants (sewage, domestic garbage, etc.) at expressway toll stations, service areas, office areas, etc.; the environmental protection evaluation, design, implementation of construction projects; identify potential environmental risks; and compile work records such as environmental factor identification and environmental problem investigation registration forms. The Company formulates and issues emergency plans for potential environmental pollution incidents, clarifies the prevention and early warning mechanism for environmental pollution incidents, and unifies and standardizes emergency response procedures.

Daily environmental protection work:

The Company regularly convenes environmental protection work conferences to communicate on the progress of environmental protection work in a timely manner; attaches great importance to the environmental protection of operating expressways; strives to strengthen sewage and waste management in service areas, gas stations, etc. to continuously improve the quality of the service environment; combines special inspections with daily inspections to improve the efficiency of environmental protection work; continues to pass the concepts of environmental protection and sustainable development throughout the Company via environmental protection publicity and training.

**(I)Emissions**

As a company focusing on expressway investment, construction, operation and management, the nature of the Company's business does not involve industrial production, nor do we directly generate a large amount of waste during our business activities. During our operation, we strictly abide by the "Environmental Protection Law of the People's Republic of China", "The Environmental Impact Assessment Law of the People's Republic of China", "The Law of the People's Republic of China on the Prevention and Control of Solid Waste Pollution", "The Law of the People's Republic of the Pollution Prevention Law", the "Measures for the Management of Food and Kitchen Waste in Sichuan Province" and other relevant laws and regulations. Accordingly, we have formulated the "Compilation of Environmental Protection Systems of Chengyu Company". During the reporting period, the Group had no environmental incidents at general (level IV) and above levels that the Group took primary responsibility, no major environmental problems were found, and no environmental pollution incidents that were required supervision by the government. In addition, the Company always adheres to the concept of green and sustainable development in its business activities. We take a multi-pronged approach from the aspects of technology research and development, experience learning, and daily management. Along with the courage to keep trying, we make continuous efforts to reduce the impact of our operational activities on the surrounding environment.

1. Air Pollutant Emissions and Greenhouse Gases

Air pollutants and greenhouse gases that may be produced in the process of highway operation and management mainly consist of: CO (carbon monoxide), CO₂ (carbon dioxide), HC+NO_x (hydrocarbons and nitrogen oxides), PM (particulates, soot) and other harmful gases. Their sources of emission mainly come from social vehicles running on highways and special vehicles (patrol cars and obstacle clearing vehicles) required for highway operation and management. Among them, social vehicles are the main emission sources.

(1) Promoting ETC¹ to encourage energy conservation and emission reduction. In response to vehicle-produced emissions, the Company continues to accelerate the construction of ETC lanes. This year, under the macro background of deepening the system reform among toll companies and cancelling expressway toll stations at provincial boundaries on time, the Company actively promoted the construction of ETC lanes to realize fast and non-stop toll collection. ETC lanes reduce delays and congestion as drivers no longer need to stop for toll payment, which effectively reduces energy consumption as well as emissions, alleviates congestion, and improves the efficiency of expressway toll collection and vehicle operational efficiency. As of the end of the reporting period, the construction profile of the Company's ETC lanes is as follows:

Unit	Toll Stations	Total Lanes	ETC Lanes	ETC/MTC ² Mixed Lanes
Chenyu Expressway	17	158	101	49
Chengya Expressway	15	113	66	47
Chengren Expressway	9	85	51	34
Chengle Expressway	12	96	62	34
Suiguang and Suixi Expressway	13	80	41	39
Total	66	532	321	203

¹ ETC: the Electronic Toll Collection system.

² MTC: lanes with semi-automatic toll collection system.



(2) Embracing new trends and boosting new energy. Green development is a primary step towards China's high-quality development. The national "New Energy Automobile Industry Development Plan (2021-2035)" has been issued this year. The Company closely followed policy trends and continuously planned to integrate with new energy vehicle services. The relevant work has been clarified in the key points of environmental protection work formulated this year. At the same time, the Company has vigorously carried out the clean and efficient upgrade of transportation equipment and strived to do a good job in the planning and construction of renewable energy supporting facilities such as electric vehicle charging stations and natural gas filling stations in expressway service areas.

Chengyu Company Constructed Electric Vehicle Charging Stations

This year, the Company's Chengren, Chengya and other subsidiaries actively responded to the national call and continued to vigorously build electric vehicle charging stations in the high-speed service areas within their jurisdiction, striving to provide consumers with safe and convenient electric vehicle charging services, and at the same time realize the Company's goal of reducing waste emissions from passing vehicles.



(3) Reducing costs and increasing efficiency, and strictly controlling emissions. This year, the Company formulated a work plan for cost reduction and efficiency enhancement to strictly control the use of the Company's vehicles, reduce the frequency of vehicle use, and reduce air pollutant emissions.

Chengya branch, a Subsidiary of Chengyu Company, Formulated and Issued the "Chengya Branch's Work Plan for Cost Reduction and Efficiency Improvement"

To continuously reduce air pollutant emissions and energy consumption caused by the Chengya company's operation, the "Chengya Branch's Work Plan for Cost Reduction and Efficiency Enhancement" strengthened vehicle management: when dispatching vehicles, Chengya company encourages the habit of carpooling, minimizing the number of vehicle trips, and cancelling unnecessary dispatch of vehicles within the downtown area.



2. Wastewater Discharge

The sources of water pollution from the Company's operation and management are mainly domestic sewage and oily sewage generated from expressway service areas, toll stations, and office locations of administrative agencies. While the Company manages its wastewater discharge, the first is to ensure that the wastewater treatment and discharge indicators in the aforementioned areas fully meet the standards; the second is to strengthen the daily maintenance, overhauling, and upgrading of wastewater treatment equipment and systems to ensure smooth operation of the equipment; the third is to keep records, ensuring environmental protection work is well documented.

Chengren Branch Upgraded the Sewage Treatment Equipment

To cope with the pressure of environmental protection as a result of the increasing traffic volume in service areas, this year, Chengren Branch, a subsidiary of Chengyu Company, upgraded the sewage treatment equipment in the Wengong service area. The new equipment adopts an integrated design for discharge, with the maximum treatment capacity being up to 200m³/day. After the treatment, the water quality has reached the environmental protection department's sewage discharge standard, and is recycled through the reclaimed water equipment.

3. Solid Waste

The solid hazardous and non-hazardous waste generated by the Company in its business activities mainly includes domestic waste in its expressway service areas, as well as construction slag and waste materials generated by road maintenance and new construction projects. The hazardous waste mainly consists of batteries, lights and inks that were produced in the office, and milling materials used in the maintenance of asphalt pavements. This year, the Company continued to add classified waste bins in the service areas, strictly dispose of garbage, and regulate waste removal and transportation to prevent pollution of the surrounding environment due to random dumping of waste; we continued to pay attention to road cleaning of expressways under operation and increase daily inspections and emergency handling capabilities, strengthen supervision of the cleaning teams, and focus on cleaning at locations with large amount of white garbage; we paid attention to the management of dust, waste, and wastewater at construction sites, strengthen the supervision of waste material treatment, and insist on adopting construction plans producing no or fewer waste materials, such as in-situ thermal regeneration and overlaying construction, etc., collect and use a certain amount of the waste materials generated by partial repair of the pavement; we hired qualified third-party manufacturers to dispose of the hazardous waste generated by the Company in compliance with laws and regulations.





The main types of emissions and emission data of the Company in 2020

Type of Emission		2020	Unit
Hazardous Waste	Waste light tube (bulb)	0.9	Tonne
	Electronic hazardous waste	7.1	Tonne
	Milling material in asphalt pavement maintenance	15,606.6	Tonne
	Printer cartridge	2.3	Tonne
	Total	15,616.9	Tonne
	Density of hazardous waste production per 10,000 yuan operating income	0.029	Tonne/10,000 yuan
Non-hazardous Waste	Paper	27	Tonne
	Domestic/office waste	2,397	Tonne
	Plastic	2.2	Tonne
	Metal	2.2	Tonne
	Timber	2.1	Tonne
	Cement concrete	3,250	Tonne
	Total amount of non-hazardous waste production	5,680.9	Tonne
	Density of Non-hazardous Waste per 10,000 yuan operating income	0.010	Tonne/10,000 yuan
Greenhouse Gases Emission	Scope 1(Direct)	4,233.5	Tonne
	Scope 2(Energy indirect)	15,616.6	Tonne
	Total emission of greenhouse gases	19,850.1	Tonne
	Density of greenhouse gases emission per 10,000 yuan operating income	0.04	Tonne/10,000 yuan
Air Pollutant Emissions	NO _x	15.32	Tonne
	SO _x	0.02	Tonne
	CO	22.17	Tonne
	PM _{2.5}	0.41	Tonne
	PM ₁₀	0.46	Tonne



(II) Resource Consumption

The use of natural resources is necessary for the Company to carry out daily business activities, but while using them, we must take their limited amount and difficulty to be regenerated into consideration, along with the sustainable development of ourselves and the society. Therefore, the Company takes the management of resource consumption seriously and strictly abides by the "Energy Conservation Law of the People's Republic of China", "Water Law of the People's Republic of China", "Soil Pollution Prevention Law of the People's Republic of China" and "Clean Production Promotion Law of the People's Republic of China" and other relevant laws and regulation during the operation processes. During day-to-day operation, we introduce the appropriate concept, take necessary actions, and strive to reduce the waste of resources and improve the efficiency of resource consumption. In the key points of environmental protection work released this year, the concept of resource conservation has been applied to all aspects of the Company's operation and development, promoting harmonious development of the Company and society. The Company obtained its water mainly from the municipal water resource network. During the operation, we may face the following water obtainment related problems:

For municipal water resources: broken municipal pipelines due to construction, the relocation of water delivery projects, and the natural aging of the water pipes, which could lead to reduced or terminated water supply.

To cope with the above-mentioned potential water obtainment problems and converse water along with other resources and energy, the Company has adopted the following measures:

To converse water, we post water conservation signages in office areas, toll stations, service (parking) areas and other locations; regularly inspected the water heaters in the service (parking) areas, toll stations and water heaters used in canteens, and timely replaced aging components to avoid waste of water resources; replaced more environmentally friendly equipment in public toilets in the service (parking) areas, improved water utilization, and reduced the frequency of maintenance.

Regarding other resources and energy, in office areas, we started off with the details, building up and penetrating the awareness of resource conservation into every corner of our offices. During daily office work, the Company controlled and reduced paper use by the means of centralized printing and continued to promote the paperless work mode such as the OA system (automated office systems) and internal communication tools; the Company unified collection of office supplies; advocated to save water, electricity and other resources and energy sources, took appropriate amount of water and turn off lights when leaving.

At the operational locations, we follow the trends of industrial reforms, actively explore and courageously manage to continuously improve our existing measures. Meanwhile, we introduced new technologies and concepts, striving to achieve the "win-win" objective of improving the resource utilization rate while reducing the operational costs. The first step was to respond to the informatization construction of expressways, promoting the company-wide application of 4G OBU³, which is a video inspection system mounted on the special vehicles used for road production management and protection, to reduce resource consumption while improving service efficiency. Secondly, we focus on improving the rates of resource recycling and reuse. The Company tested and promoted the on-site geothermal regeneration technology, which heated, remixed and repaved the pavement on the spot through heating and milling the used pavement materials, so as to achieve 100% reuse of pavement materials. Moreover, measures have been actively taken in the expressway construction projects to enhance the material reuse of existing expressway facilities, such as reusing milled waste produced by the road pavement disease treatment projects in the foundation of other structures or as fillers, achieving an 100% overall recycling rate of road related waste. Thirdly, we explore intelligent road construction, replacing paper tickets into electronic tickets for manual toll lanes (hereinafter referred as "paper-to-electricity") as the key supporting measures to cancel provincial toll stations. On one hand, it effectively solved problems including cross-provincial ticket issuance and cash users not able to obtain deductible invoices. On the other hand, it simplified lane toll collection services, improved efficiency of transportation and reduced consumption of resources. The first batch of "paper-to-electricity" pilot projects nationwide were carried out at Chengdu Station and Xinglong Station of Rongzun Expressway (Chengren Section) of Chengren Branch. Subsequently, the Company actively coordinated the monitoring and settlement center to further verify the stability, reliability and compatibility of the system, and promoted it in some toll stations of Chengren Expressway.

³ 4G OBU also refers to smart OUB. That is, on the basis of ETC(Electronic Toll Collection system)on-board OUB, it integrated various modules covering big dipper/GPS location, electronic gyro, 4G communication, video collection, (OBD)on-board diagnostics and under the support of relevant smart software systems, it realizes the multiple functions, such as monitoring of vehicle real-time location and running status, external video real-time transmission and its AI identification.

Summary Table of the Company's Resource Consumption in 2020⁴

Type of resource		2019	2020
Water (million tonnes)		76.1	105.7
Density of water consumption per 10,000 yuan operating income (tonnes/10,000 yuan)		0.975	1.935
Direct energy	Gasoline (10,000 litres)	132	105
	Diesel(10,000 litres)	—	54
	Natural gas (10,000m ³)	29	16
	Liquefied petroleum gas (tonne)	—	22
	Total consumption of direct energy(thousand kWh)	15,415	17,234
	Density of direct energy consumption per 10,000 yuan operating income (thousand kWh/10,000 yuan)	0.020	0.032
Indirect energy	Electricity (thousand kWh)	22,930	25,597
	Density of indirect energy consumption per 10,000 yuan operating income(thousand kWh/10,000 yuan)	0.029	0.047

(III) Environment and Nature Resources

In expressway operation, the Company strictly abides by "Environmental Protection Law of the People's Republic of China", "Law of the People's Republic of China on Land and Resources Protection" and relevant laws and regulations, fully considering the importance of the natural environment and the vital interests of residents along the routes, and adopting effective measures of ecological protection and pollution prevention, to minimize the impact of road operation on the surrounding environment and promote the harmony between the road environment and the natural environment. In terms of protecting the environment and natural resources, the Company strictly implements its responsibilities of environmental protection, formulates and distributes the primary tasks of annual environmental protection work, and fulfills responsibilities of environmental protection work.

1. Maintain the Ecological Environment of Road Area

The Company paid great attention to road landscape management, regularly watered, fertilized, trimmed and applied pesticide on the landscape of each road. We timely replaced missing seedlings in the central separation of the road to ensure decent survival of plants and trees, and carried out landscape upgrading projects along routes. Each expressway companies have gradually investigated and determined the implementation plans according to the general idea of "displaying landscape, maintaining beauty and tidiness, adding flowers and colours". The landscape upgrading projects have been completed, and the road appearance along the routes have been greatly improved.

2. Prevent Noise Pollution

The Company strengthened the supervision of environmental protection of construction projects, urging all construction projects to improve their noise reduction measures in the construction area, so as to minimize the impact of construction on nearby residents. In 2019, the Company carried out full deck paving of ultra-thin wear layer covering on the Chengya Viaduct, totalling 25,420 square meters. This year, the Company's subsidiary Chengren Company further refined noise management, sorted out sensitive noise points, and established a ledger to gradually carry out the construction of sound barrier facilities.

⁴ The disclosure of packaging materials related information required in A2.5 of the ESG Reporting Guide is not applicable to the Company due to its business characteristics, thus no relevant disclosures have been made.



3. Reinforce Water Source Protection

The Company adhered to the protection of expressways crossing drinking water sources, established runoff collection systems along the bridge decks, added sedimentation basins and put up signs and boards signalling drinking water reserves. We have conducted observation, installed runoff collection and treatment equipment along the bridge deck runoff and the road sections involving drinking water source protection areas.

4. Enhance Awareness of Environmental Protection

This year, the Company organized various targeted trainings on environmental protection, and invited experts from the Environmental Science Research Institute to explain pollution control plans such as sewage and noise. Encompassing "Earth Environment Day", "Arbor Day" and other themes, we vigorously carried out advertisement and education of environmental protection.

(IV) Climate Change Adaptation

To control greenhouse gas emissions and slow down the progress of climate change, the Chinese government supports the Paris Agreement and actively promotes international cooperation in addressing climate change. It has issued the "National Climate Change Plan (2014-2020)" and "National Climate Change Adaptation Strategy". Such plans and strategies will make a solemn promise to the international community in 2020 that "China strives to reach a peak in carbon dioxide emissions by 2030 and achieve carbon neutrality by 2060". As a responsible corporate citizen, Chengyu Company actively responds to various climate change related actions of the Chinese government with practical actions. In the key message of environmental protection work in 2020, the Company clearly promotes social energy conservation and emission reduction work by vigorously building ETC lanes, electric vehicle charging stations and other infrastructures (see the "Emissions" section for details); Take various measures to promote the Company's energy conservation and emission reduction work (see the "Resource Consumption" section for details) to mitigate and respond to climate change.

At present, the Company is aware of the potential impact that climate change may have on the Company's operations, such as traffic control due to severe weather, which affects the Company's vehicle toll revenue. This year, the Chengyu Expressway operated by the Company closed some toll stations 158 times due to poor weather conditions. The duration of closure was 947 hours, which resulted in the diversion of traffic flow and the decrease in toll revenue. In response, the Company actively strengthened the construction of the severe weather emergency system, formulated and improved the "Severe Weather Preparedness Plan", prepared emergency supplies, staffing, etc., and organized emergency drills to respond to potential physical impacts brought by climate change.

In the future, the Company will continue to pay attention to and actively respond to other impacts brought by climate change, actively respond to the relevant actions of the Chinese government, turn challenges into opportunities, and continuously improve its ability to risk resistance capacity.





As the core competitive element of enterprises, employees represent the factor determining the corporate growth and expansion, as well as realization of a sustainable development. Adhering to the people-oriented concept, the Company has been actively building a harmonious relationship with the employees, paying great attention to and safeguarding the employees' basic rights and interests; respecting the reasonable demands and requirements of the employees, and caring about their personal growth; and creating a safe, healthy working environment to the employees, and providing self-improvement opportunities to them, in order to promote mutual development between the employees and the Company.

(I) Employment

Employment system:

The Company strictly implements a number of national of national and regional laws, regulations and policies concerning labour and personnel such as the "Labour Law of the People's Republic of China", "Labour Contract Law of the People's Republic of China", "Employment Promotion Law of the People's Republic of China", "Social Insurance Law of the People's Republic of China", "Individual Income Tax Law of the People's Republic of China", "Law of the People's Republic of China on the Protection of Women's Rights and Interests", and "Law of the People's Republic of China on the Protection of Persons with Disabilities" and other regulations, and has been strictly observed and implemented the "Measures on Management of Employment by Labour Contract", "Measures on Management of Employee Recruitment and Deployment(Trial)" , "Interim Measures for Headquarters Post Management", "Employee Leave Management Measures", "Trial Measures for the Selection and Appointment of Leading personnel", and other regulations in accordance with the actual conditions of the Company. All affiliated companies also formulate corresponding rules and regulations in accordance with their own work practices to ensure that their employees' legitimate rights and interests in salary, dismissal, promotion, working hours, vacation, diversification, equal opportunities, anti-discrimination and other benefits are not infringed. During the reporting period, the Company did not violated any laws or regulations regarding salary and dismissal, recruitment and promotion, working hours, holidays, equal opportunities, diversity, anti-discrimination, and other relevant laws and regulations on remuneration and benefits.

Recruitment, Absorption and Retention Measures:

The Company maintains the concept of long-term employment, adheres to the principle of equality, and does not treat employees differently due to factors such as gender, ethnicity, region, and cultural background. The Company's recruitment work follows the principle of "fair competition and merit-based employment", and extensively recruits outstanding talents for the Company's headquarters and various affiliated companies through campus recruitment and social recruitment. This year, due to the impact of the epidemic on Company operations, the recruitment of non-essential management and skilled personnel was suspended.

The Company continues to improve its measures for attracting and retaining talents, and cooperates with the Company's business development to provide employees with more career development opportunities, and maintains a low staff turnover rate.

Strict performance of statutory obligations. The Company adopts the system of full employment contract and collective contract, strictly implements national, provincial and municipal labour protection policies, and improves various social insurances for employees. The Company pays the pension insurance, medical insurance, unemployment insurance, occupational injury insurance, and maternity insurance in full amount and on time for the on-the-job employees, and also pays the housing accumulation fund for the employees in accordance with laws and policies. The Company also provides enterprise annuity fund and employer's liability insurance for qualified employees. The Company strictly performs national and local laws and regulations regarding the number of employees working hours and vacation, reasonably arranges working time and rest time for employees, and safeguards their rights to rest and leave.

The remuneration arrangement was continuously improved. In accordance with the statutory requirements and the market conditions, the Company implements a remuneration system by linking wage with enterprise performance, and progressively improves the incentive and restraint mechanism that meets up with the requirements of modern corporate system, and accelerates the reform of the salary system to promote the growth of the economic benefits and the shareholders equity of the Company and further ensure the competitiveness and reasonableness of the Company's remuneration in the market, which effectively arouses the enthusiasm and creativity of the employees.

Adhere to the principle of equality. The Company adopts the same remuneration standard and structure for both male and female employees, and provides equal salary for equal work and equal development opportunities for each employee; the Company respects the diversified corporate atmosphere, opposes discrimination in any form, and offers employment to the disabled persons with a certain working capacity for employment or pays employment security funds for disabled persons according to actual needs.



Caring for the growth of employees. The Company has always attached importance to providing fair and transparent promotion channels for outstanding employees, giving full play to the potential of talents, realizing their ideals and values, and integrates the employees' personal development into the course of pursuing the Company's development goals. In terms of talent selection, the Company adheres to the principles of appointing meritocracy, both political integrity and talent, and pays attention to performance, democracy and openness, and employs talents in various ways such as "competitive employment" and "social recruitment" according to different situations. In terms of personal growth, the Company respects individuality and is tolerant of diversity, and continuously provides employees with platforms and opportunities to enhance their capabilities, broaden their horizons, and inspire their potential.

Chengyu Company carried out the golden autumn student assistance activities to help needy employees

Every year, the labour union of the Company strictly follows the spirit of relevant documents such as the "Measures for Assistance and Management of Employees in Difficulties" and other relevant documents to conduct in-depth investigations on the living conditions of the families and the schooling of their children, establish and improve the files of employees in difficulties, to ensure that the Company fully grasps the actual situation of the families of employees in difficulties. In January 2020, the Company's leaders led a team to carry out home condolences and assistance activities, and delivered the assistance and scholarships to the needy employees, bringing the care of the Company to them.





In 2020, the Company had a total of 4,368 employees, including 1,289 management personnel and 3,079 skilled personnel; female employees accounted for approximately 49.08% of all employees.

Number of employees (by gender and age)				Number (person)
Age \ Gender	Number of employees		Total	Remarks
	Male	Female		
35 and below	1,060	1,363	2,423	Based on the ages as at 31 December
36-40	246	265	511	
41-50	613	464	1,077	
51-55	186	47	233	
56 and above	119	5	124	
Total	2,224	2,144	4,368	

Number of employees (by gender and position)				Number (person)	
Gender	Management			Non-management	Total
	Senior management	Middle-level management	General management		
Male	80	169	434	1,541	2,224
Female	21	132	453	1,538	2,144

Number of employees (by type of employment)			Number (person)	
Type of employment	Male	Female	Total	
Labour contract with a fixed term	1,480	1,457	2,937	
Open-ended labour contract	701	676	1,377	
Other types	43	11	54	
Total	2,224	2,144	4,368	

Number of employees (by degree of education)			Number (person)	
Postgraduate education degree	Bachelor's degree	College degree	Technical secondary school and below	
197	1,376	1,815	980	

Number of employees (by full-time & part-time employment)		Number (person)	
Full-time employment		Part-time employment	
4,362		6	



Number of employees (by region)Number (person)

Region	Number
Chengdu City	2,369
Suining City	127
Meishan City	529
Ziyang City	267
Leshan City	195
Neijiang City	282
Nanchong City	67
Guang'an City	111
Ya'an City	191
Others	230

Staff Turnover Statement

Statistical field		Number of turnovers	Turnover rate ⁵
Gender	Male	60	2.70%
	Female	49	2.29%
Age	35 and below	80	3.30%
	36-40	11	2.15%
	41-50	13	1.21%
	51-55	4	1.72%
	56 and above	1	0.81%
Region	Chengdu City	72	3.04%
	Meishan City	6	4.72%
	Neijiang City	3	0.57%
	Ziyang City	0	0.00%
	Ya'an City	4	2.05%
	Leshan City	3	1.06%
	Guang'an City	4	5.97%
	Suining City	5	4.50%
	Nanchong City	2	1.05%
	Others	1	0.43%

(II) Safety and Health

The Company implements thoroughly laws and regulations including the "Production Safety Law of the People's Republic of China", "Regulations of Sichuan Province on Work Safety", "Management Measures for Production Safety Education and Training", "Law of the People's Republic of China on the Prevention and Control of Occupational Diseases", "Measures for the Supervision and Administration of Employers' Occupational Health Surveillance", and other regulations, and attaches great importance to safe production and safeguards the life security of the employees. This year, all employees lost a total of 887 working days due to work-related injuries. The rate of new employees receiving health and safety-related training was 100%. The Company did not violate any safety occupation-related laws and regulations that have a significant impact on the Group.

The Company strives to establish and improve the safety production management system, formulates and distributes the "Safety Production Management Regulations" and the "Safety Production Management Responsibility List" and other management systems, fully implements the safety production responsibility system, regularly organizes safety production training, and achieves 100% ownership of safety production management personnel with certificates. The Company regularly organizes safety production inspections, investigates and rectifies safety production hazards, vigorously organizes and carries out fire protection training, drills and other publicity and education work, and improves the safety awareness and self-rescue and self-protection capabilities of all employees. The Company also popularizes safety production knowledge and safety work requirements through full participation, and promotes the creation of safety production standardization secondary standards.

⁵ Turnover ratio = the number of employees in the category / total number of employees in the category



A subsidiary company of Chengyu Company organized and carried out fire protection publicity activities with the theme of "Focus on Fire Protection, Life First"

On the occasion of the 2020 fire protection publicity day, in order to further enhance employees' awareness of fire safety and effectively investigate hidden fire safety hazards, Sichuan Chengle Expressway Co., Ltd., a subsidiary of the Company, launched the "Focus on Fire Fighting, Life First" as a themed series of fire protection publicity activities in November 2020, set off an upsurge for all employees to pay attention to fire protection, learn about fire protection, and participate in fire protection. This event made the employees deeply realize that the rescue after the event is far less than the prevention before the event. Only by improving the self-prevention and self-rescue ability of all employees, can fire accidents be reduced from the source, and the normal development of the Company's production and operation activities and the safety of the lives and properties of the employees be guaranteed.



Number and rate of work-related fatalities each of the past three years

Year	Number of work-related fatalities	Rate of work-related fatalities
2020	0	0
2019	1	0.023%
2018	0	0

In accordance with the "Law of the People's Republic of China on Prevention and Control of Occupational Diseases" and other laws and administrative regulations, as well as relevant provisions of the existing "Occupational Health management Bylaws of the Company", the Company provided effective occupational health protection measures for employees to avoid various potential occupational health risks. On the one hand, the Company provides employees with necessary occupational protective equipment and labour protection supplies, strengthen the safety guarantee of the working environment, purchase employer liability insurance, etc., to ensure the safety and health of employees in multiple dimensions. On the other hand, the Company vigorously conducts occupational health publicity education, regularly organizes and carried out occupational health education and training, and arranged regular physical examination for employees to continuously improve their capability in fighting diseases and accident risks. At the same time, the Company cares about both physical and mental health of its employees, pays attention to the construction of cultural atmosphere of the Company, and devotes itself to creating a working environment full of healthy, vitality and beautiful vision for the employees. This year, the Company deepened the construction of the "employee's home", further expanded the spare-time activity space for employees, and enhanced employees' sense of belonging. The Company carried out a series of special themed activities of "Happy Life ", "Fight to the End", "Welcome to the New Year", "World Book Day", "Cooking Competition" and other theme activities to promote employees to strengthen their physique and relax their minds and bodies.



(III) Development and Training

The Company attaches importance to employee training, and often carries out multilevel and multitype training to improve the comprehensive quality and professional skill of all kinds of personnel. The training system established by the Company is divided into management ability improvement training, business ability improvement training and operation skill improvement training according to different training objects. Management ability training aims to improve the scientific management level of management personnel, and absorb advanced international and domestic management methods and experience (for middle and senior management personnel of the Company); business ability improvement training aims to improve job knowledge and ability (for general management personnel of the Company); operational skill improvement training aims to improve the job operation knowledge and skill level (for the Company's front-line personnel). In 2020, the Company organized various centralized trainings and special trainings such as comprehensive quality improvement training for middle and senior management members, Party cadre training, young cadre training, new employee training, training for internal trainers of enterprises, special training for experience extraction and case development, special training for electromechanical technology, special training for transfer of toll personnel, totalling 18,782 person-times.

Chengyu Company successfully held the special training for electromechanical technology business

During the reporting period, the special training class for electromechanical technology business of Chengyu Company started successfully. Through the special training of electromechanical technology, the business knowledge and skills of electromechanical operation and maintenance personnel were effectively improved to lay a good foundation in creating a professional, technologically advanced, and excellent electromechanical operation and maintenance team.





Number and rate of trainees ⁶							Number (person)			
Gender	Number of trainees of management						Non-management		Total	
	Senior management		Middle-level management		General management					
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Male	75	1.79%	149	3.55%	414	9.87%	1,511	36.02%	2,149	51.23%
Female	19	0.45%	122	2.91%	413	9.85%	1,492	35.57%	2,046	48.77%
All	94	2.24%	271	6.46%	827	19.71%	3,003	71.59%	4,195	96.04% ⁷

Average training hours ⁸				trained hours (hours)	
Gender	Average training hours for the management			Average training hours for non-management	Total average training hours
	Senior management	Middle-level management	General management		
Male	46.47	32.73	25.57	25.13	26.56
Female	38.94	36.41	26.66	27.31	27.85

(IV) Labour Standards

The Company strictly complies with and implements the country's labour & personnel laws and regulations such as "Law of the People's Republic of China on the Protection of Minors", "Regulations about forbidding from the Use of Child Labourers", "Labour Law of the People's Republic of China", developed and issued management systems such as the "Trial Measures for the Administration of Recruitment and Deployment" and "Management Measures for Employment Contracts", and scrupulously abides by fair and just labour employment policy, as well as prohibits child labour and forced labour. During the reporting period, the Company did not employ any child labour or forced labour in any business, nor did it have any violation of the labour rules.



⁶ The rate of trainees in this category = the number of trainees in this category / the total number of trained employees

⁷ Total number of trainees ratio = total number of trainees / total number of employees

⁸ Average training hours of employees in this category = total training hours of employees in a specific category / number of employees in a specific category

**(I) Supply Chain Management**

In cooperation with suppliers, the Company is in strict compliance with the provisions of the “Bidding Law of the People's Republic of China”, “Regulation on the Implementation of the Bidding Law of the People's Republic of China”, “Government Procurement Law of the People's Republic of China”, “Contract Law of the People's Republic of China”, and “Company Law of the People's Republic of China” and the “Administrative Measures of Tender and Bidding Management” of the Company. The Company adheres to principles of openness, fairness, justice, honesty and trustworthiness as well as equality and mutual benefit for procurement projects which conforms with the scope and standards. The Company introduces market mechanism, and determines the best through three methods of public tender, comparison and inquiry. Meanwhile, the Company has set up a tender and bidding management leading group to supervise and guide the work of tender and bidding, and set up a tender and bidding management office consisting of the construction management department, project functional department, finance and accounting department as well as discipline inspection and supervision audit department. The office is specifically responsible for daily organization and coordination of tender and bidding. The Discipline Inspection Department establishes a reverse inspection mechanism for the tendering and bidding work, strengthens the supervision and discipline enforcement through sampling, inspection and supervision, and efficiency monitoring. At the same time, it is responsible for accepting the complaints and reports in the tendering and bidding activities, and seriously follows disciplines and regulations with the rules and regulations.

In addition, in order to promote the use of environmentally friendly products and services by suppliers and contractors, the Company will assess and evaluate the environmental and social compliance of suppliers through corresponding bidding methods, and set bidder qualification examination conditions, performance during bidding stage, prepare bidding documents and organize expert review. Upon completion of bidding, the winning bidder shall be determined in strict accordance with the requirements of the bidding documents, the contract shall be signed in time, and the assessment and supervision shall be carried out in accordance with the contract requirements.

In addition, the Company set up the "Environmental Protection and Soil and Water Conservation Contract" in the bidding documents as an appendix, and added environmental protection clauses such as "environmental protection" and "garbage removal" to the contract.

This year, the Company has 22 engineering service organizations (or suppliers, contractors) and engineering raw material suppliers determined through public bidding.

Number of suppliers by region		Number
Region	Number of suppliers	
South China	1	
Eastern China	1	
Central China	1	
Southwest China	18	
Northwest China	1	



(II) Products and Services

Access of expressway is the major service provided to public consumers by the Company. The Company strictly abides by the "Highway Law of the People's Republic of China", "Road Traffic Safety Law of the People's Republic of China", "Product Quality Law of the People's Republic of China" and other relevant laws and regulations, continues to improve its quality service capabilities, maintain a continuous lead in the industry service quality ranking for each operating highway, and rank at the top, continuously standardizes and improves the privacy protection process and road safety protection level for drivers and passengers, strengthens the Company's overall network security construction and driver information collection and management, and standardizes the data to be collected, in order to ensure that the safety and privacy of drivers and passengers are not violated; at the same time, the Company strictly abides by the "Patent Law of the People's Republic of China", "Detailed Rules for the Implementation of the Patent Law of the People's Republic of China", "Intellectual Property Law of the People's Republic of China" and other laws and regulations, attaches great importance to the protection of intellectual property rights, and actively protects the Company's intellectual property rights, legal patent rights and other legal rights. This year, the Company received 56 complaints through 12328, 12122 and the telephone number of the general duty room (028-84710690); at the same time, the Company formulated the "Complaints and Reporting Management Measures"; when a complaint is received, the Company will promptly review the content of the complaint and report, investigate and verify, and get in touch with the complainant in the name of the Company within 48 hours, and reply to the complaint. After the complaint is handled, the investigation process and handling of the incident shall be formed into written materials, and a complaint report account shall be established. In addition, due to the nature of the Company's business, no product recycling procedures are involved.

Safety and smoothness are the basic standards of expressway service, as well as the core content of the service provided by the Company. In 2019, the Company strengthened the awareness of responsibility and safety, paid close attention to road maintenance as always, attached importance to road safety, and spared no effort to ensure clear road:

1. Guaranteeing the performance of road safety

(1) The Company has taken construction of high-quality expressway as the basic concept, and constantly improved the road safety protection level by strengthening the safety of driving as an important objective, which mainly includes: improvement on the safety facilities at entrances and exits of the tunnels in the form of special projects; further improvement on the transformation and upgrade of traffic safety facilities in the section of "Three Adjacencies", i.e. section adjacent to water areas, cliffs and other roads, and increase in construction transformation and treatment measures under the condition of meeting the norms in accident-prone sections to improve the safe passage capacity of road sections. (2) Implementation of special project of traffic marking rectification, improvement on the upgrading and transformation of protection of the middle pier of bridges, completion of the test section of the opening reconstruction, and improvement on the road safety service quality as a whole. (3) Attempting to apply the engineering facilities with higher safety performance in road construction. For example, in the expansion construction project of Chengle Expressway, we selected separate type central partition with concrete guardrail. When encountering vehicle collision, such guardrail will make use of deformation of soil foundation, columns and beams to absorb the energy from collision, and force out-of-control vehicles back to the normal direction to prevent vehicles from rushing out of roads to reduce serious driving accidents. Compared with general wave beam guardrail, such kind of guardrail has the advantages of longer service life, lower loss rate arising from vehicle collision, easy cleaning and saving maintenance cost. It was also the first large-scale application of concrete guardrail with divided central partition belt as the isolation pier in the expressway within the province. (4) Comprehensive implementation of road greening and obscuration and pruning projects, pruning and cleaning the green branches of all road sections, greatly improving the vision of road driving, and improving the safety and comfort of road traffic.

The road and bridge projects under the Company have maintained good safety performance as before. According to the inspection of the industry management unit, the pavement quality index PQI of each expressway was over 93 scores, which was rated as excellent. Bridge tunnels are also in safe use and management assessment results rank among the top in the Sichuan province.



2. Paying equal attention to quality and efficiency of maintenance work

First, the Company continues to promote the concept of preventive maintenance management, early discovery of disease, early arrangement and early implementation, so as to avoid further expansion of losses and reduce the maintenance cost. Second, the Company improved the refined management of road maintenance with a focus on "road inspection bookkeeping", "bookkeeping on hidden hazard screening and management" and "bookkeeping on utilization of maintenance budget", which improved the basic management of road maintenance, and strived to meet the overall road requirement of "smoothness, safety, comfort and neatness". Third, the Company adhered to the long-term plan and temporary plan for the maintenance work. As "preparedness ensures success and unpreparedness spells failure", it made the long-term road maintenance plan and temporary maintenance plan while doing the preventive maintenance in a timely manner, to address conservation needs in different situations. Fourth, the Company attached great importance to the informatization construction of maintenance work, incorporated the measurement and payment management module of maintenance project into the maintenance informatization management system, and took the lead in the pilot project in Chengyu Branch. The integration of the measurement and payment management module can management and ensure the accuracy and timeliness of measurement and payment, further improve the quality management and fund management level of the maintenance project, and will be subsequently promoted and used in other operating road companies.

3. Orderly and smooth traffic is guaranteed in special periods

In response to special circumstances such as Spring Festival transportation, major holidays, extreme weather, natural disasters, etc., the Company first worked out a work plan and emergency plan to make arrangements in advance. Secondly, it carried out a solid investigation and management of hidden dangers, focusing on inspecting expressway traffic safety facilities, electrical and mechanical facilities, toll management system, ETC equipment and weight measurement equipment for freight vehicles at the entrance, etc., timely arranged maintenance and repair, and reasonably arranged emergency rescue and rescue sites. Meanwhile, it strengthened supervision and inspection and 24-hour duty system to achieve timely response; further, it standardized the operation and management of expressway service areas and increase service capacity; finally, it made full use of variable information boards, LED displays, etc. along the line to release road network travel information in a timely manner. This year, Sichuan Suiguangsuixi Expressway Co., Ltd. made great efforts to build an early warning system for safe driving in rainy and foggy weather to ensure the safe passage of vehicles under extreme weather in an orderly manner. The Company strives to take all measures to do a good job in slowing down traffic jams on expressways to meet public demands for safe and smooth travels.

While continuously optimizing road performance and improving traffic efficiency, we know that comfort, elegance and humanistic concern are the good expectation of consumers for expressway service and the long-term goal of our Company. The Company has been committed to improving the quality of road and bridge construction, upgrading the convenience of traffic, optimizing the service level of parking places, and continuously improving the traffic experience of drivers and passengers on the basis of ensuring safety. The expressways under the jurisdiction of the Company rank among the best in the long-term and medium-term annual evaluation of expressway service quality in the province by the Expressway Administration of the Sichuan Provincial Department of Transportation. In addition, Chengren Expressway has been ranked first in the province for six consecutive years.

4. Continuous optimization of traffic quality

First, the project quality and operation level were affirmed and praised. The service quality of the road sections under the jurisdiction of the Company has long been in the forefront of the province, and the "smoothness, safety, comfort and neatness" traffic experience has been continuously improved. This year, the Chengyu Expressway Project and Chengren Expressway Project won the honorary title of "Top Ten Projects" for the 10th anniversary of the establishment of the Sichuan Transportation Investment Group. Second, the Company continued to strengthen the accessibility. While responding to the industry reform call and vigorously building the ETC lane, the Company continued to improve the convenience of toll payment in the manual toll lanes. The Company realized full coverage of mobile payment for manual lanes at Chengren Expressway, which significantly improved traffic efficiency. At the same time, the "Quality and Civilized Service Standards" and "Assessment Measures" for toll collectors were formulated by the Company to standardize the civilized service of employees.



5. Continuous upgrading of comprehensive service

(1) Intensifying humanized service. In order to ensure drivers "eat warm food, drink warm water and sleep sound", the "driver's home" was built in Wangyang Service Area of Chengren Expressway. The "all-vehicle automatic card issuing system", the integrated display system of the signs of the crossing, and the "shaded" parking space in the service area of the toll station of Suiguang Expressway. Chengya Expressway carried out software upgrades in time, completed the fee display lighting project, and realized Chengya Expressway toll billing "one trip, one bill, one deduction, one notification" all highlight the innovative exploration, meticulous operation and service concept. (2) Deepening the "Toilet Revolution" in service areas. Xinjin service area introduced a new intelligent toilet system to the expressway service system for the first time, which can display the vacant squatting position, temperature and humidity in time, monitor and detect the odor of the toilet at any time, and activate the air purification function. At the same time, it can show the contents such as the passenger flow into the toilet and the road supervision telephone through the large screen in front of the entrance of the toilet. The application of this system significantly upgrades the personal experience of drives and passengers, and is an excellent practice of combining transportation service with cutting-edge technology. (3) Multi-service based on local conditions. In combination with its own characteristics, the Company's expressway service provides diversified, innovative and cultural services to the passengers along the route; Chengya expressway explores and builds the panda culture theme expressway; The Jiajiang Tianfu Service Area of Chengle Expressway was initially built as a "driver's home" and officially opened to the public. New attempts continue to deepen the integration of transportation and tourism. While promoting the steady development of the "transportation, travel, culture and education" sections of the Company, it makes contributions to the local economic development, and injects modern elements into the promotion of local folk culture and traditions.



In the course of operation, the Company strictly abides by relevant laws and regulations such as the “Anti-Corruption and Bribery Law of the People's Republic of China”, “Chinese Communist Party Standards on Integrity and Self Discipline”, “Supervision Law of the People's Republic of China”, and “Several Provisions on the Clean Practice of State-owned Enterprise Leaders”.

Anti-corruption measures

The Company has continuously strengthened the construction of integrity and internal control, increased daily supervision and special supervision, and actively created a clean and sound business environment with the development. In the continuous promotion of anti-corruption construction, the Company continues to unblock discipline inspection and supervision reporting channels, standardizes the discipline inspection and reporting procedures, and forms a four-in-one reporting system and working mechanism of “letters, visits, telephone calls, and the internet”. The Company's Commission for Discipline Inspection regularly organizes reporting channels to ensure that there are no omissions. It investigates, categorizes, and follows up feedback on the clues received, responds to accurate issues within the scope of acceptance according to disciplines and laws. It prioritizes investigation and response. The relevant implementation and supervision methods are strict implemented in accordance with the " Regulations on Disciplinary Actions by the Communist Party of the People's Republic of China ", " Law of the People's Republic of China on Administrative Discipline for Public Officials " and "Measures for Investigating the Responsibility of the Construction of Party Style and Honesty of Sichuan Transportation Investment Group Company". This year, the Company studied and formulated the "Key Points of Discipline Inspection and Supervision in 2020", signed the 2020 "Party Work Style and Integrity Construction Responsibility Letter" and "Party Style Integrity Supervision Responsibility Letter", and continuously promoted the implementation of main responsibilities, and completed internal control, self-assessment, strengthen the integrity prevention and control for important fields and important positions. During the reporting period, there were no corruption lawsuits against the Company or its employees.

Anti-corruption training

The Company continues to strengthen the integrity and anti-corruption education and conduct training. Through integrity education courses, intensive learning, and warning education, the Company deeply promotes the effectiveness of training; combines with the construction of corporate integrity culture, conducts activities such as integrity solicitation to create a strong atmosphere of integrity; uses media or platforms such as Sichuan Chengyu WeChat public account to publish integrity topics, create a special issue of “Qingfeng”, reprint cases of violations of discipline and law, and warn employees to raise their awareness of integrity at work and strictly abide by party discipline and national laws. This year, the Company's anti-corruption training was implemented in accordance with the “Key Points of Discipline Inspection and Supervision for 2020”, and the Integrity Education Month related activities were steadily promoted. A total of 59 anti-corruption related trainings were held, with a total number of 2,393 participants.

Anti-corruption training case for directors and employees of Sichuan Expressway

This year, the chairman of the Company made a collective clean talk to the Company's senior management, mid-level managers, leaders of subordinate enterprises and key positions. At the same time, they studied the cases of state-owned enterprises in violation of laws and regulations in recent years, and watched warning education films such as "Dusted Original Mind", "Transformed Original Mind", and "Beyond Boundary".





Over the years, while Sichuan Expressway has continuously enhanced its operating capabilities and profitability, it has focused on integrating into the lives of nearby communities of diversified community such as community care, environmental co-construction, and poverty alleviation, playing the leading role enterprise in community and social construction. This year, the Company focused on community participation in three areas: community voluntary and environmental public welfare activities, targeted poverty alleviation, and anti-epidemic resumption of work.

This year, the Company invested a total of approximately 240 million RMB for targeted poverty alleviation, condolences and publicity, etc. The number of employees participating in community voluntary services totaled 724 people, and the total service time was 1,460 hours.

(I) Volunteering in Communities and Environmental Public Welfare

The Company takes the initiative to care for the people in need of help in the surrounding communities, actively participates in environmental construction, carries out public welfare activities such as respecting the elderly and helping the poor, publicizing safety and environmental protection, and participating in community environmental cleaning, gradually forming the "Dandelion" youth volunteer service brand. This year, in order to further attract young people to join the volunteer service team and strengthen the organization and management of voluntary service activities, the Company formulated the "Dandelion" Youth Volunteer Service Team Work Plan" and actively carried out various voluntary service activities. The "Dandelion" volunteer service team of the Company won the title of the 8th Sichuan Youth Outstanding Volunteer Service Organization.



"Dandelion" Youth Volunteer Service Team Launches Caring and Supporting Activities for the Elderly in Empty Nest

In October 2020, under the leadership of local community workers, Chengyu Company organized "Dandelion" young volunteers to carry out the activity of caring for empty nesters. The volunteer service team went into the empty-nesters' homes, sent rice, oil and other condolence goods to the elderly, helped the elderly clean, massaged the elderly, and chatted with the elderly to relieve the feeling of being bored. Caring for the empty-nest elderly is the discovery and inheritance of traditional virtues, which embodies the social responsibility and responsibility of the young volunteers of "Dandelion".





Carrying out the "Environmental Sanitation Cleanup at the End of the Month" actions

In March 2020, the Company's Party member volunteer service team and the youth dandelion team joined the local community and government departments to carry out the "Environmental Sanitation Cleanup at the End of the Month" activity.

The clean-up activities focused on environmental sanitation, sewage and garbage disposal. All kinds of garbage, white pollution, and construction residues in the area were intensively cleaned up. During the cleaning process, the volunteers gave full play to the spirit of not afraid of dirt, tiredness, and hard work, and contributed to the beautification of environmental sanitation.



Volunteer service activity of "Organizing Shared Bikes"

In June 2020, Chengdu Shuhai Investment Management Co., Ltd, a subsidiary of the Company, united with the local community to carry out a volunteer service activity of "Organizing shared bikes" in the subway station. Volunteers moved shared bikes, which were scattered at subway stations, along roads and green belts, back to public parking areas. Combining with the current epidemic prevention situation, they eliminated and killed bicycle handles and other parts, which not only facilitated the travel of pedestrians and vehicles, but also beautified the city appearance.

Through this activity, volunteers made a contribution to the construction of a civilized city with practical actions, and also carried forward the spirit of volunteer service.





(II) Facilitating Poverty Alleviation

In 2020, the Company continued to fight for poverty alleviation, adhered to high-quality poverty alleviation with multiple channels, and, as a listed company, actively made social contributions by formulating of the "Poverty Alleviation Work Plan" and "Poverty Alleviation Task Breakdown Table". These provide a strong guarantee for the targeted poverty alleviation tasks.

(1) Devoting to targeted poverty alleviation. During the reporting period, many projects of Chengyu Company's counterpart assistance to Dageniang Village, Kuasha Township, Aba County, Sichuan Province have been completed. The village road construction project has invested a total of more than RMB 7.3 million yuan, which passed the acceptance of the Aba County Transportation Bureau in May 2020 and was officially handed over to the local government. The "Four Good Villages" construction project has completely changed the appearance of Dageniang Village. During the reporting period, the Company's leaders went deep into Dageniang Village to carry out targeted poverty alleviation special condolences activities and dandelion volunteer service activities, and sent condolences to the local community. In addition, the Company leaders entered the village and started in-depth exchanges with the villagers to understand their thoughts and help them solve practical difficulties.

(2) Promoting poverty alleviation through innovation. The Company actively built a new carrier for poverty alleviation, applying the main model of industrial poverty alleviation based on "service areas + local products" to help alleviate poverty. At present, special sales zone for poverty alleviation products has been built in the Zizhong parking area of Chengyu Branch, poverty alleviation counters have been built and put into use by five road property companies to achieve full coverage of poverty alleviation counters in service areas.

(3) Voluntary donations to show love. This year, the employees of the Company raised RMB 50,784 yuan in funds based on their own circumstances, and a number of other clothing and books, equivalent to a total of about RMB 107,052 yuan, to contribute to the decisive battle to fight poverty and build a well-off society in an all-round way.



The Company's investment statistics of targeted poverty alleviation in 2020

Unit: Ten thousand yuan Currency: RMB

Indicators	Amount and progress status
Overall situation	12.9884
Including 1. funds	0
2. materials	12.9884
3. number of poor people on file benefiting from poverty alleviation assistance (individual)	0



(III) Performance of Anti-Epidemic and Resumption of Operation

In early 2020, facing the sudden outbreak of pneumonia epidemic caused by novel coronavirus, Sichuan Chengyu played the role of a battle fortress for transportation companies to fight the epidemic and ensure the passage, demonstrating the consistent persistence and dedication of the Company in dealing with social emergencies.

Taking solid steps to prevent and control COVID-19. The Company promptly activated the emergency mechanism, combined with the situation of epidemic prevention and control, successively issued the "Notice on Doing a Good Job in Joint Prevention and Interaction of the New Coronavirus Epidemic" and "Notice on Emergency Duty Work During the Period of Epidemic Prevention and Control" to further clarify and refine the epidemic situation, prevention and control measures and requirements. The Company strictly implements the transportation policy⁹, actively cooperates with and supports local governments and departments of health, disease control, and transportation in joint epidemic prevention and control work, strengthens emergency rescue guarantees, and implements detailed measures to mitigate congestion and ensure smoothness. During the first and second levels of response to the epidemic prevention and control, the Company's headquarters and its sub-branches added one emergency duty officer every day to strengthen the duty force based on the strict implementation of the leadership system and the 24-hour duty system. The Company strictly undertakes the security work of epidemic prevention materials, strengthens the material coordination and supply management, establishes the material procurement work group, opens up the material acquisition channels, and ensures that the basic needs and a certain number of reserves are met. The Company used a variety of media to carry out epidemic prevention propaganda, including propaganda banners, large LED screens to broadcast propaganda videos, variable information boards to release propaganda slogans, broadcast anti-epidemic related information, distribute propaganda materials, and WeChat platform propaganda, etc.

Persisting in prevention and control to facilitate the resumption of work. Under the situation that the epidemic has been effectively controlled gradually, enterprises and institutions throughout the country have started to resume work in an orderly manner, and the Company has scientifically adjusted the existing prevention and control countermeasures in view of the changes in the epidemic, and has done a good job in ensuring the road order. First, while cooperating with the epidemic prevention department to revoke the quarantine sites, the Company continued to sanitize the work areas, passing vehicles and articles in close contact; second, the Company strengthened the transportation organization, ensured the normal passage of the personnel and materials for reproduction and resumption of work, and realized all free of charge without exemption of our responsibilities and services; third, the Company set up service sites to provide the passing drivers and passengers with alcohol, disinfectants and other sterilization supplies as well as other convenient services, and at the same time, publicized the epidemic prevention measures and reminded the passing drivers and passengers to take precautions; fourth, the Company actively responded to and participated in the "Spring Breeze Action"¹⁰, set up a back-to-post service sites for migrant workers, provided services such as free boiled water, consultation and temperature detection, and implemented a toll-free policy for vehicles under the "spring Breeze Action"; fifth, the Company strictly carries out safety production education and training for all employees, strengthens risk identification and hidden danger investigation, allocates all personnel in key positions, and ensures safe construction conditions, so as to ensure the orderly and safe resumption of its key transportation construction projects.

As of the end of this reporting period, the epidemic situation of novel coronavirus in the country has been relieving and the anti-epidemic work has relatively eased. On the one hand, the Company will continue to attach great importance to epidemic prevention and control, ensure road traffic order, and vigorously maintain the phased results of the anti-epidemic work; on the other hand, the Company resumed work in a scientific, orderly and safe manner to overcome the huge impact of the current toll-free policy on the Company's operation. By adjusting budgets and controlling costs, it tried to find ways to effectively ensure the orderly development of the Company's production and operation activities and made every effort to balance corporate social responsibility and economic benefits.

⁹ In order to ensure the prevention and control of the epidemic and support the resumption of work and production of enterprises, according to the Ministry of Transport's "Notice on Extending the Toll Period for Small Passenger Cars during the Spring Festival Holiday in 2020" and "Notice on Extending the Toll Free Period for Small Passenger Cars on Toll Roads during the Spring Festival Holiday", the toll-free policy for passenger cars during the Spring Festival holiday has been extended to 24:00 on February 8, 2020; according to the Ministry of Transport's "Notice on Exemption of Toll Road Vehicle Tolls during the New Coronary Pneumonia Epidemic Prevention and Control Period", since February 2020 Starting at 0:00 on the 17th, until the end of the epidemic prevention and control work, all vehicles passing through toll roads in accordance with the law will be exempt from tolls. On April 28, the Ministry of Transport issued the "Announcement on Resuming Toll Road Toll Collection". Starting from 0:00 on May 6, 2020, toll roads approved by law (including toll bridges and tunnels) will resume.

¹⁰ According to the Implementation Rules of the 'Seven Measures to Ensure the Smooth Roads in Sichuan Province' (Chuan Yi Zhi Jiao Fa [2020] No.2) issued by the Transportation Group of the Emergency Headquarters of Sichuan for responding to the pneumonia epidemic of novel coronavirus: according to the needs of epidemic prevention and control, priority should be given to vehicles that carry out the "Spring Breeze Action" for migrant workers returning to work during the period and holds the "Passport for Migrant Workers to Return to Work During the Pneumonia Epidemic Prevention and Control of Novel Coronavirus".



A. Environmental

General Disclosure & KPI	Indicator Description		Related chapters
Aspect A1: Emissions			
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to air and greenhouse gas emissions, discharges into water and land, and generation of hazardous and non-hazardous waste		ENVIRONMENT AND RESOURCES (I)Emissions
KPI	A1.1	The types of emissions and respective emissions data	
	A1.2	Greenhouse gas emissions in total (in tonnes) and , where appropriate, intensity(e.g. per unit of production volume, per facility)	
	A1.3	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility)	
	A1.4	Total non-hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	
	A1.5	Description of measures to mitigate emissions and results achieved.	
	A1.6	Description of how hazardous and non-hazardous wastes are handled, reduction initiatives and results achieved.	
Aspect A2: Use of Resources			
General Disclosure	Policies on the efficient use of resources, including energy, water and other raw materials		ENVIRONMENT AND RESOURCES (II)Resource Consumption
KPI	A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oil) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	
	A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	
	A2.3	Description of energy use efficiency initiatives and results achieved.	
	A2.4	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved.	
	A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	Not applicable
Aspect A3: The Environment and Natural Resources			
General Disclosure	Policies on minimising the issuer's significant impact on the environment and natural resources		ENVIRONMENT AND RESOURCES (I)Emissions (II)Resource Consumption (III)Environment and Nature Resources
KPI	A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	



B. Social

Aspect B1: Employment			
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to compensation and dismissal, recruitment and promotion, working hours, rest periods, equal opportunity, diversity, anti-discrimination, and other benefits and welfare.		EMPLOYEES (I)Employment
KPI	B1.1	Total workforce by gender, employment type, age group and geographical region	
	B1.2	Employee turnover rate by gender, age group and geographical region.	
Aspect B2: Health and Safety			
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to providing a safe working environment and protecting employees from occupational hazards.		EMPLOYEES (II)Safety and Health
KPI	B2.1	Number and rate of work-related fatalities.	
	B2.2	Lost days due to work injury.	
	B2.3	Description of occupational health and safety measures adopted, and how they are implemented and monitored	
Aspect B3: Development and Training			
General Disclosure	Policies on improving employees' knowledge and skills for discharging duties at work. Description of training activities.		EMPLOYEES (III)Development and Training
KPI	B3.1	The percentage of employees trained by gender and employee category(e.g.senior management, middle management).	
	B3.2	The average training hours completed per employee by gender and employee category.	
Aspect B4: Labour Standards			
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to preventing child and forced labour.		EMPLOYEES (IV)Labour Standards
KPI	B4.1	Description of measures to review employment practices to avoid child and forced labour.	
	B4.2	Description of steps taken to eliminate such practices when discovered.	
Aspect B5: Supply Chain Management			
General Disclosure	Policies on managing environmental and social risks of the supply chain.		SUPPLY CHAIN AND PRODUCTS (I) Supply Chain Management
KPI	B5.1	Number of suppliers by geographical region	
	B5.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored.	



B. Social

Aspect B6: Product Responsibility		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to health and safety, advertising, labelling and privacy matters relating to products and services provided and methods of redress.	
KPI	B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.
	B6.2	Number of products and service related complaints received and how they are dealt with.
	B6.3	Description of practices relating to observing and protecting intellectual property rights.
	B6.4	Description of quality assurance process and recall procedures.
	B6.5	Description of consumer data protection and privacy policies, how they are implemented and monitored.
Aspect B7: Anti-corruption		
General Disclosure	Information on: (a) the policies; and (b) compliance with relevant laws and regulations that have a significant impact on the issuer relating to bribery, extortion, fraud and money laundering.	
KPI	B7.1	Number of concluded legal cases regarding corrupt practices brought against the issuer or its employees during the reporting period and the outcomes of the cases.
	B7.2	Description of preventive measures and whistle-blowing procedures, and how they are implemented and monitored.
Aspect B8: Community Investment		
General Disclosure	Policies on community engagement to understand the needs of the communities where the issuer operates and to ensure its activities take into consideration the communities' interests.	
KPI	B8.1	Focus areas of contribution (e.g. education, environmental concerns, labour needs, health, culture, sport).
	B8.2	Resources contributed (e.g. money or time) to the focus area.