



2018

CNOOC Limited Environmental, Social and Governance Report

Report Information

Name of Organization:

CNOOC Limited ("the Company", or "we"]

Reporting Period:

From January 1, 2018 to December 31, 2018. The report may include information beyond the reporting period in order to keep the information consistent.

Scope of the Report:

CNOOC Limited and its subsidiaries.

Contents of the Report:

Vision and commitment of the Company's Corporate Social Responsibility ("CSR"), common practices, and other key achievements in the course of performing CSR.

Data:

The data in the report is derived from CNOOC Limited's internal statistical reports, company documents and reports, third-party surveys and interviews.

Reporting Languages:

Chinese and English (should there be any discrepancies, please refer to the Chinese version.)

Reference:

This report refers to the Environmental, Social and Governance Reporting Guide issued by the Stock Exchange of Hong Kong Limited (HKEx), the 10 Principles of UN Global Compact and the GRI Sustainability Reporting Standards issued by the Global Reporting Initiative (GRI).

Report Verification Method:

An independent limited assurance engagement was conducted against this report by Deloitte Touche Tohmatsu Certified Public Accountants LLP.

An electronic version of this report is available on the Company's website at www.cnoocltd.com and hard copies are available upon request.

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About Us

CNOOC Limited, incorporated in the Hong Kong Special Administrative Region in August 1999, was listed on the New York Stock Exchange (code: CEO) and the Stock Exchange of Hong Kong limited (code: 00883) on February 27 and 28, 2001, respectively. The Company was included as a constituent stock of the Hang Seng Index in July 2001. The Company's American Depositary Receipts ("ADRs") was listed on the Toronto Stock Exchange (code: CNU) on September 18, 2013.

The Company is the largest producer of offshore crude oil and natural gas in China and one of the largest independent oil and gas exploration and production companies in the world. The Company mainly engages in exploration, development, production and sale of crude oil and natural gas.

The Company's core operation areas are Bohai, Western South China Sea, Eastern South China Sea and East China Sea in offshore China. The Company has oil and gas assets in Asia, Africa, North America, South America, Oceania and Europe.





Net proved reserves*



Total assets of approximately

678.8 billion RMB



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1:Unless otherwise stated, all amounts of reserve and production in this report include our interests in equity method investees.



Chairman's Statement

In 2018, the world economy stumbled and global crude oil prices plummeted after unsteady gains. Against a macro backdrop full of uncertainty, the Company managed to steadily grow its oil and gas reserves and production. With rigorous cost control, sustainable development mechanisms, and social responsibility firmly in mind, the Company continued to build itself into a world-leading energy group. We adhered to the 10 Principles of the UN Global Compact, with emphasis on human rights, labor, the environment and anti-corruption. We also actively responded to the 17 UN 2030 Sustainable Development Goals, and strove to enhance the integrated value of economic growth, environmental protection, and social progress, the three perspectives that are of most concern to our stakeholders.

In 2018, the Company achieved its annual target of 475 million BOE for net production of oil and gas. Our daily production soared from less than 300 thousand BOE at the time of our IPO in 2001 to about 1.3 million BOE in



2018. In offshore China, multiple quality mid-to-large size oil and gas fields, including Bozhong 19-8 and Bozhong 29-8, were successfully appraised. Going forward, Bozhong 19-8 gas field is expected to play an important role in ensuing a low-carbon energy supply in the Bohai Rim Region. Overseas, 12 discoveries in total were made in the Stabroek block in Guyana. We managed to increase natural gas production, and maintained stable supply of this low-carbon energy during the winter peak seasons. CNOOC Limited's reserve replacement ratio reached 128% and its reserve life improved to 10.5 years at the end of 2018. These factors further strengthened the Company's resource foundation for sustainable development in the future.

In 2018, the Company maintained a stable HSE (Health, Safety and Environment) record. We have upheld our HSE core values of "Safety First, Environment Paramount, People Oriented and Equipment Integrated". We made solid progress in every aspect in 2018, a year with safety being the highest priority. We further improved our safety management system, formulated an HSE management system, an equipment and facility integrity management framework and a working permission management policy to profoundly improve our safety management. We also promoted our own offshore safety culture of "People Orientation, Execution and Intervention" and integrated the culture into our system and individuals, while constantly pushing our employees towards higher awareness of risk management, to build a foundation for high-quality growth and world-leading management for the Company.

As an environmentally responsible energy company, we have implemented a low-carbon strategy with a concrete action plan to integrate environmental protection throughout the life cycle of oil and gas fields. Believing in the philosophy that lucid waters and lush mountains are invaluable assets, the Company has actively responded to the Paris Agreement and employed multiple measures to tackle climate change and cut greenhouse gas emissions. In the peripheral areas of our operations, we pay close attention to biodiversity conservation and environmental remediation and improvement, and strive to create a better ecological system.

Our employees are our most valuable assets and the pillars of our development. In 2018, we adhered to the philosophy of "human-oriented management", and established an energetic and effective mechanism, through which every employee can gain a stronger sense of belonging, accomplishment and happiness. For our fastgrowing overseas business, we are developing our own international talent pool, and encouraging multicultural cooperation and communication based on mutual respect. We ranked 6th in Forbes' Global 2000 list of the World's Best Employers, demonstrating high recognition from our employees and the international community.

We are committed to our social responsibilities to benefit the society with our achievements and create jobs for local communities. We play an important role in infrastructure upgrades and cultural development to build better communities. We also actively take part in maritime search and rescue and marine protection to give back to society. We are also involved in many public welfare activities to help alleviate poverty.

In 2018, we maintained strong corporate governance for our shareholders and stakeholders. The Company won many public awards, including the "Corporate Awards – Platinum" from The Asset, the "Asian Excellence Award" from Corporate Governance Asia, and the "Best Listed Company Award" from the China Securities Golden Bauhinia Awards. These awards demonstrated that we are an outstanding industry role model with strong public faith in our governance and performance, particularly in protecting shareholders' rights, information disclosure, investor relations and business ethics.

Study the past to define the future. Opportunities and challenges always come together, while hopes and dreams exist side by side. The Company holds fast to its original aspiration of "achieving all-win results for all stakeholders", with the mission of sustainable development firmly in mind at all times. As a qualified corporate citizen, the Company adheres to the philosophy of balanced development among the economy, environment, and society. We aim to create a new business model, which features low-carbon environmental friendliness, respect of all stakeholders' rights and interests, and all-win results. As one of the top energy companies in the world, we will keep innovating and striving to win more respect from the international community.

Vision and Commitments



Scan this QR code for more information about our CSR management

Sustainable Development Strategy

It is our commitment to sustainable development that we will develop existing natural resources in a safe, efficient, and environmentally friendly manner and provide society with clean, reliable and stable energy that meets reasonable energy demand. The economy, environment, and society form the three cornerstones for us to unfold our businesses in energy resource development and value creation. As our business and economic contributions grow steadily, we will press ahead on the road of environmental protection and societal progress. Continued efforts will be made in integrating economic, environmental and social factors to drive the sustainable development of the Company.

The Company believes that sustainable development should not merely depend on the knowledge, beliefs and ideas of management or employees. We must integrate sustainability into our corporate management systems to become a part of our corporate culture at all levels.

The Board of Directors (the "Board") of CNOOC Limited actively supports the Company's commitment to CSR and keenly follows its progress. Topics of interest cover company strategy and risk, performance, internal operations, occupational health and safety, the environment, and human rights, as well as the methods and results of compliance in operations and sales. Our management is responsible for formulating and executing CSR related strategies and environmental protection, energy-saving projects, emissions reduction, ecological protection, greenhouse gas (GHG) reduction and clean energy supplies have been effectively incorporated into the scope.

The Company has incorporated sustainable development into our organizational structure, institutional system and management process. We constantly assess our performance in terms of sustainability and make improvements and adjustments to ensure our operations are environmentally friendly, efficient and safe, and achieve balanced and coordinated development for the economy, environment and society.

CSR Vision

As an energy company, it is the Company's responsibility to deliver sustainable energy to society. In the future, the Company will promote clean, healthy, and green energy models with our partners on the industry chain. We will work with stakeholders and turn social responsibility a drive for the Company to grow together with the society.

CNOOC	A driving force for the supply of sustainable energy
Limited strives	A motivating force for joint progress of stakeholders and society
tobe	A dominating force for clean, healthy, and green energy development models
	Ensuring the stable supply of energy in the world and enhancing supply capacity
-	Pursuing sustainable development, improving the world's energy structure, and delivering clean energy
CNOOC Limited is	• Operating in compliance with laws and regulations and adhering to a high standard of business ethics and corporate governance
chmmitted to:	* Exploiting resources in a safe and environmentally-triendly way and responding actively to climate chan
	Proactively participating in community-building activities and making contributions to general welfare
	* (Respecting the rights and interests of stakeholders and pursuing win-win situation

Stakeholders

Communications with Stakeholders

Deep understanding of our stakeholders' expectations serves as the bedrock for the Company to fulfill CSR and achieve sustainable development. We maintain open, transparent and multichannel communications with stakeholders on a variety of social responsibility issues. The Company's stakeholders primarily include: shareholders and creditors, employees and employee organizations, governments and regulatory authorities, business partners and service providers, the public and communities, charities and non-government organizations (NGOs) and clients.

Communications with key stakeholders

Stakebolder	Key Communication Methods	Main Focuses	Main Actions	
Shareholders and creditors	Scheduled information disclosure Regular communications Annual general meeting and extraordinary general meetings	Protection of shareholders' and creditors' interests Corporate governance and risk management	Ensure the quality and effectiveness of Information disclosure Maintain close communication Equal treatment of shareholders Non-deal roadshows	
Employees and employee organizations	Employee representatives meetings Regular communications Internal information exchange Complaints and responses	Ensure rights and interests Career development Occupational health and safety	Support employees to join labor unlons or other employee organizations Provide professional training and skill training Provide occupational health examination	
Governments and regulatory authorities	Enforcement and follow-up to ensure compliance with laws and regulations Report on specific matters Routine inspections Response to enquines Discussion on industry issues	Operate in compliance with laws and regulations Proper utilization and exploitation of natural resources Economic contribution Corporate governance	Comply with all applicable laws and regulations Fulfil taxpayer obligations Share industry expertise for further development Ensure quality of disclosed informati Enhance corporate governance	
Business partners and service providers	Business negotiations Project cooperation Business communications	Stable cooperative relationships Knowledge, information and resource sharing Mutual benetits Bustainable energy development model	Integrate internal and external resources Encourage experience, resources and technology sharing Discuss industry development prospects	
Public and communities	Information disclosure Public relations Respond to public enquiries Support for community building activities Participation in public welfare projects	Slable energy supply Environmental protection Good corporate image Building harmonious communities	Improve dil and gas supply capability Participate in public weifare activities Publish ESG reports Ensure high standards on public weifare Support community building	
Chanties and NGOs	Participation in designated projects Response to enquities Regular communications	Social responsibility undertakings	Contribute business experience Participate in relevant activities	
Clients	Business negotiations Client services Client visits and surveys Regular communications	Benvice, price and quality Complaint handling	Promote a win-win concept Enhance product qualify Citent satisfaction surveys and feedback	

Determination of Material Issues

In order to further define the key areas for our ESG practices and information disclosure and make this report more pertinent to stakeholders' concerns, CNOOC Limited has identified issues that stakeholders are potentially concerned with and determined their importance in accordance with the requirements of the Environmental, Social and Governance Reporting Guide issued by HKEx. Through this exercise, we finalized the extent and scope of issue disclosure for a more accurate and comprehensive disclosure of ESG information.

To rank issues by importance, we conducted questionnaires to learn more about stakeholders' views about the Company's ESG work, and asked open-ended questions to understand their expectations and suggestions to make specific responses and improvements in the future.

Determination process of ESG issues

Identifying relevant issues

Material issues were identified by the Company's independent third-party advisor. A total of 19 ESG issues related to economy, environment, labor, human rights, and other social affairs were gathered from a large number of data sources, including the HKEx ESG Reporting Guide, GRI Standards, stakeholders' opinions, corporate policies, management strategies, industry benchmarks, ESG rating system analysis, and internal publications and media reports.

Section 12 Confirming issue prioritization

We analyzed the data collected from surveyed stakeholders and company management, and determined the results in the materiality matrix. The matrix will be used as an important reference for formulating strategies and objectives for the Company, and direct our ongoing information disclosure.

Assessing the degree of concern Seven groups of stakeholders were surveyed by our independent advisor. They were invited to assess and rank the importance of each issue based on their own understandings. In total, 204 effective questionnaires were collected. Analyzing the impact 2 on our operations We asked senior managers at CNOOC Limited for their opinions on the materiality of identified issues from the perspective of

company operations.

2018 ESG Materiality Matrix of CNOOC Limited

High 6 Import B 120 175 B ÷D. 84 230 10 10 (3)Importance to CNOOC Limited Low

Degree	Priority	Issue	Category
	1	Production safety	Operation
	2	Scientific research and lechnological inhovation	Operation
Highly	3	Emissions and waste management	Environment
important	4	Occupational hearin and safety	Labor and community
issues	5	Risk control	Operation:
	6	Energy saving and emission reduction measures	Environment
	Ť	Stable energy supply	Operation
	8	Protection of biodiversity and environmentally sensitive areas	Environment
		Employee training and career development	Labor and community
Moderately	9 10	Sustainable profitability	Operation
mportant	11	Product quality management	Value chain
issoes	12	Employees' rights and Interests	Labor and community
	13	Anti-comption	Operation
	14	Supply chain management	Value chain
	15	Staffing diversification and equal employment	Labor and community
Least	16	Customer service management	Value chain
important	17	investment in social welfare	Labor and community
issues	18	Community development and contribution	Labor and community
	19	Material and resource saving	Environment



0	
0	Convironmental Issues
	Labor and Community Issues
C.	Value Chain Issues
	Operation Issues

High

Energy Supply



CNOOC Limited is committed to promoting sustainable energy supply. Through innovations in technology and management, we consistently make breakthroughs in energy exploration, development, production and technology research. CNOOC Limited makes great effort to ensure the steady supply of energy to satisfy reasonable demand from society and promote the sustainable development of both the Company and society.

Oil and Gas Exploration, Development and Production

One of CNOOC Limited's main responsibilities is to ensure the stable supply of crude oil and natural gas. To achieve this goal, the Company has pursued innovation in technology, management and equipment for a long time. The Company consistently overcomes difficulties in exploration, actively drives the integration of exploration and development in order to improve product quality and work efficiency. The Company continuously expands oil and gas reserves and production at a steady pace, and manages for better oil and gas development and production.

In 2018, CNOOC Limited devoted greater effort in its oil and gas exploration, and its exploration activities reached a record high. Adhering to value-driven and business exploration and anchoring on its exploration and discoveries of mid-to-large sized oil and gas fields, several major discoveries were made. This continuously maintained a good development. momentum of oil and gas exploration. Various exploration breakthroughs. were achieved in new frontier areas in offshore China, and a strategic core exploration area was gradually formed on both sides of the Atlantic Ocean. Our management capability and technological innovation capability have been further enhanced, and the efficiency of exploration operations has been significantly improved. In addition, the Company continued to maintain a reasonable proportion of exploration investment and a relatively high level of exploration activities so as to ensure mid-to-long term sustainable development. In this year, 17 commercial discoveries were made and 17 successful appraisals of oil and gas structures were achieved. Weizhou 6-13 Oitfield and Penglai 19-3 oilfield 1/3/8/9 comprehensive adjustment project in offshore China as well as Stampede Oilfield in the U.S. Gulf of Mexico, came on stream. By overcoming various challenges, we have successfully met our production and operation targets.

In 2018, the Company ensured base production level and laid a solid foundation for production profile of existing oilfields through refined management. Meanwhile, we strictly controlled costs, encouraged conservation and improved efficiency. Furthermore, we coordinated devoted great efforts in promoting "the water injection year" work of Bohai oilfield in order to further tap the potential of producing oilfields received favorable results. As at December 31, 2018 Net proved reserves

4.30

Net oil and gas production
 MT million BOE

All-in cost 30.39 USD/BOE

Gas field of 100 billion cubic meters scale was discovered in the Bohai Bay

As accredited by the Oil and Gas Reserves Accreditation Office of the Ministry of Natural Resources of the People's Republic of China, the proved in-place volume of natural gas in the Bozhong 19-6 gas field exceeds 100 billion cubic meters, while the proved in-place volume of condensate exceeds 100 million cubic meters. As the largest natural gas field in the Bohai Bay, the Bozhong 19-6 gas field will contribute more to the "lucid waters and tush mountains" of the Bohai-Rim-Region with low-carbon energy.

The production of the Eastern South China Sea Oilfield exceeds 15 million cubic meters for the fourth consecutive year

The Eastern South China Sea Oilfield was faced with many challenges including frequent and strong typhoons, dock repair work of two tankers, as well as offline maintenance of several oilfields in 2018. By expanding oil and gas exploration and development, conducting streamline management, and constructing smart oil fields. The overall production and operation safety were ensured, and the oil and gas production exceeded by 7.34%. By end of the year, the Eastern South China Sea Oilfield had produced more than 10 million cubic meters of oil and gas per year for the twenty-third consecutive year since 1996, and produced more than 15 million cubic meters of oil and gas per year for the fourth consecutive year since 2015.



Securing a Stable Supply of Natural Gas

In order to meet domestic demand for natural gas and develop a low-carbon economy with energy consumption and emission reduction through energy structure transition, the Company has optimized our production schemes to improve upstream productivity. Meanwhile, we employed a reasonable price to stabilize the natural gas market Natural gas demand is secured with the Company's efforts on providing and promoting clean energy.

increase production and supply

We arranged for overhauls on upstream and downstream to make sure our producing gas fields are operating safely, and at the same time produce at full capacity. In 2018, the Company supplied natural gas 12.8 billion cubic meters, which exceeds the annual plan by 800 million cubic meters, contributing to the overall supply of natural gas.

Ensure sufficient natura gas supply in Hong Kong As China's largest offshore gas field under production sharing contract, the Yacheng 13-1 Gas Field has supplied gas for residents in Hong Kong for 23 years, providing a stable and clean energy for the economic and social development of Hong Kong.

Prepare for emergencies in advance

The quantity of natural gas supply was settled at the end of September, 2018. Meanwhile, the Company put more emphasis on trend research and forecasts; signed interruptible gas contracts with users and made clear supply priorities, making full efforts to meet residents' gas demand.



Technological Development

In 2018, CNOOC Limited proactively implemented its "innovation-driven" strategy, deepened the reform of the technology system and mechanism, and kept improving its technological innovation system. Within the reporting period, the Company launched the construction of scientific research platforms such as the Key Laboratory of Geophysics, the Key Laboratory of Enhanced Oil Recovery, the Key Laboratory of Deepwater Engineering, and the Offshore High-temperature and High-pressure Oil and Gas Reservoir Exploration and Development Laboratory. Meanwhile, the "State Key Laboratory of Offshore Oil Exploitation" was assessed as "outstanding" in the evaluation by the Ministry of Science and Technology of China which is hosted once every 5 years. The construction and operation of the laboratory receives national recognition.

During the year, the Company continued to develop key technologies for exploration and development of deep-water oil and gas fields, offshore viscous oil, low-permeability oil and gas fields. We have achieved remarkable results including "Rock-Crust-Fracture" Reservoir Evaluation Technology Series of Metamorphic Reservoirs, Tapping Strategy of Injectionproduction of Development Well Pattern Based on Fine Characterization of Reservoir Model, Key Drilling and Completion Technologies for Deep-water Development Wells in the South China Sea, etc. These technologies provide technical support. for reducing cost and increasing efficiency, and expanded oil and gas reserves and production. The establishment of "Key Technologies Study of the Continuously Stable Production of 30 Million Tons Oil of Bohai Oilfield" provided a strong technological support for the production of Bohai oilfield.

Findings of key national science and technological projects support stable production of 30 million tons in the Bohai Oilfield

In 2018, the key national scientific and technological project "Key Technologies for Mid-deoth Seismic Exploration in Offshore China" successfully developed an offshore wide-azimuth seismic acquisition design technology, and improved sub-azimuth acquisition and OVT (Offset Vector Tile) domain design and evaluation method, forming a quantitative evaluation technology system for wideazimuth observation systems. Using this technology, the Company completed wide-azimuth seismic acquisition design for submarine cables on buried hills in the Bozhong 19-8 Oilfield. The technology provided strong technical support for seismic data acquisition in an area of 1,820 km², helping achieve the major target of stable production of 30 million tons oil and gas in the Bohai Oilfield, and facilitating our full implementation of secondary 3D seismic acquisition.





Building the wideazimuth seismic for submanne cables in the Bozhong 19-6 Gas and Condensate field

After-effect perforation significantly increased production in Lufeng 13-1 Oilfield

In Lufeng 13-1 oilfield, we actively explored new methodology to increase production of low-porosity and low-permeability deep layer oil reservoirs. We applied the after-effect perforation technology to two directional wells and received significant results. After the application of the technology, the production of the two wells increased significantly. The production capability of the directional wells was approximately to 4 times higher than conventional perforation. We use performance was much better than similar cleep directional wells: The successful well stimulation method created a new way to further tap the potential of producing oilfields.

Research breakthroughs - another frontier in oil and gas exploration



In 2018, the Shenzhen branch made a technological breakthrough in the Yangjiang Sag. Pearl River Estuary, Northern South China Sea. Based on newly acquired 3D seismic data, as well as a systematic study of structure, sedimentology and reservoir formation, we made a series of geological discoveries. The Shenzhen branch proposed a specific geologic pattern of reservoir difference control, developed a key technology for complex mid-depth fault block image processing and bright-spot oil and gas recognition of mid-shallow layers. This research allowed us to identify an advantageous reservoir formation zone in this area and an exploration region target. After exploration drilling, oil reserves were discovered in the Neogene manne sandstone formation. By successfully discovering a frontier area, in which there have been no significant discoveries for over 40 years, we have developed a new growth point for our oil and gas reserves and production.





Patents and Intellectual Property Rights

In order to ensure and protect intellectual property, the Company has formulated and implemented management methods such as CNOOC Limited Intellectual Property Management Measures and CNOOC Limited Patent Management Implementation Rules. Besides, Internal control inspections of intellectual property right were carried out by the Company.



In 2018, there were 115 patents granted, 278 patents accepted and 14 software copyrights registered. The patent for the equivalent characterization method of reservoir genetic unit interface won the 12" China Patent Excellence Award. Meanwhile, we released 48 standards, including 4 national standards, 4 industry standards, and 40 company standards. One of the standards, SY/T 7391-2016: Underwater Emergency Blowout Equipment, was awarded the first prize for Standard Innovation and Contribution by the National Petroleum Drilling and Production Equipment and Tool Standardization Technology Committee in 2018.



Product Service

CNOOC Limited follows international industry practices, benchmarks against peer performance, and complies with international and domestic quality management systems to produce and supply energy products. We provide clients with qualified crude oil and natural gas products in accordance with international standards, national standards jointly published by the State Administration for Market Regulation and the Standardization Administration of China, contractual provisions on natural gas quality agreed with clients, and the latest crude oil standard of *GB* 36170-2018.

CNOOC Limited has invited renowned internationally inspection agencies and state-certified commercial inspection agencies to inspect and test the quality of crude oil and natural gas, such as the Exit-Entry Inspection and Quarantine Bureau. Based on the result of the inspection, the third-party inspection agencies issued objective and accurate test reports. We managed the quality of products publicly, transparently, in compliance with laws and regulation, and strictly. At the end of 2018, we had not received any client complaints regarding our crude oil and natural gas products and services. Should any complaint arise, we will actively communicate with the clients in accordance with the signed contracts and national standard *GB 36170-2018*, and properly handle the complaint to protect their interests from any loss.



Procurement Management

CNOOC Limited has established and implemented a series of management policies, including the Procurement Management Measures, Supplier Management Methods, and Bidding Management Methods. Based on these policies, the Company carries out supplier management and bidding procurement tasks, avoiding environmental and social risks caused by improper choice of suppliers. Since 2008, CNOOC Limited has continuously optimized supply chain management and implemented a supplier database management system. Upon the end of 2018, the Company had more than 3,500 suppliers, including about 270 overseas ones.

By sharing supplier information and optimizing performance assessment, the Company dynamically manages the entire process, from onboarding to offboarding. In 2018, we continued to shortlist suppliers through public qualification examinations in written form and on-site investigations. We invited Internal and external experts for on-site investigations of more than 50 suppliers in four product categories: oil casing, steel, transformers, and valves. During the investigation, we comprehensively assessed suppliers' qualifications, CSR performance, risk control, process control, quality control, personnel quality, technological capability, and HSE management, establishing a strategic cooperation relationship with shortlisted suppliers. We annually evaluate the performance of all suppliers in our database, including but not limited to their product quality, price, date of delivery, after-sales service, and HSE execution. We then adjust their ratings and update the database accordingly. The Company has also established a risk control system to handle violations of regulations, enhancing our ability to control overall supplier management risk.

In addition, our Procurement Management Measures include regulations on supplier management, qualified supplier selection and credit rating. We conduct supplier audits, inspect supplier management systems, application processes and evaluation processes, and review the quality of our daily management and supervision of suppliers. We have included anti-bribery provisions in a wide range of contract templates, articulating the corresponding legal consequences.

The Eastern South China Sea Oilfield refines supply chain management

In 2018, the Procurement Sharing Center of the Eastern South China Sea Olifield introduced a new procurement method and visualized general material procurement management through the online "material delivery platform", enabling intelligent management of the process. Meanwhile, the Center strictly controlled incremental inventory, and optimized the stock inventory. The Procurement Sharing. Center connected the production operational plan and the inventory information effectively, improving the utilization of inventory and the accuracy of the demand plans. Through this method, advanced purchasing and excess reserves were avoided.





The Company continued to receive recognition and awards. for our corporate governance We were awarded for several corporate governance awards from Corporate Governance Asia and The Asset



CNOOC Limited focuses on anti-corruption, and sets strict internal punifive mechanisms and management policies. We seek to identify and punish employee corroption and malpractice with no exception.

The Board consisted of 8 members, including two Executive Directors, two Non-executive Directors and four independent Non-executive Directors.



CNOCC Limited strictly abides by the national laws and regulations and regulatory provisions and its own corporate. governance policies and Code of Ethics. We operate honestly and legally and pay attention to risk management and internal control. We emphasize ESG management and the Board of Directors" whole-process participation in ESG information disclosure For audit and supervision we have a whistleblower protection system and have implemented an anti-corruption policy among suppliers, third-party agents, and intermediaries to ensure compliant and effective corporate governance.

Governance Standards

The Company has always been upholding high standards in business ethics and its transparency and good corporate governance have been recognized by shareholders and the public. We believe that maintaining the high-standard corporate governance is essential to the steady and efficient operation of the Company and serves the long-term interests of the Company and its shareholders.

In 2018, the Company executed its corporate governance policies in strict compliance with the relevant codes on corporate governance of the Rules Governing the Listing of Securities on the Stock Exchange of Hong Kong Limited. The Company's adherence to these codes ensures that all decisions are made on the principles of trust and fairness and in a transparent manner to protect the interests of all shareholders.

As at December 31, 2018, the Board of the Company consisted of 8 members, including two Executive Directors, two Non-executive Directors and four Independent Non-executive Directors. The resumes of all directors are shown in the annual report of the Company and available on the Company's website at www.cnoocltd.com. The duties of the Board are to provide guidance, orientation and supervision for lawful and effective execution of the operations of the Company and to protect shareholders' interests, while safeguarding the healthy and steady development of the Company.

The primary functions performed by the Board include reviewing and approving long-term strategic plans and annual operating plans, and monitoring the implementation and execution of these plans; reviewing and approving significant financial and business transactions and other major corporate actions; reviewing and approving financial statements and reports, and overseeing the establishment and maintenance of controls, processes and procedures to ensure accuracy, integrity and clarity in financial and other disclosures; and overall responsibility for the Company's ESG strategy and reporting, evaluating and determining the Company's ESG-related risks, and ensuring appropriate and effective ESG risk management and internal control systems are in place. The Company holds Board meetings at least four times a year at approximately quarterly intervals. The ESG related issue is set as one of the agenda on the Board meeting.



Three committees have been set up under the Board, namely the Audit Committee, Nomination Committee and Remuneration Committee. Members of all committees are Non-executive Directors and Independent Non-executive Directors with a high degree of independence. When the potential conflict of interests of the Board related matters arises, the Independent Non-executive Directors will take the lead in reflecting the opinion of the minority shareholders.

There were changes to the directors and the Joint Company Secretary of CNOOC Limited in 2018. Mr. Wang Dongjin has been appointed as a Non-executive Director and a member of the Remuneration Committee of the Company with effect from 27 April 2018. On the same day, Mr. Wu Guangqi has resigned as a Non-executive Director and a member of the Remuneration Committee of the Company. With effect from 16 August 2018, Mr. Liu Jian has resigned as Vice Chairman and a Non-executive Director of the Company. And on 19 November 2018, Ms. Li Jiewen resigned as a Joint Company Secretary of the Company, and Ms. Wu Xiaonan, the General Counsel and the Compliance Officer of the Company, was appointed as a Joint Company Secretary of the Company with effect from the same day. Mr. Wang Dongjin, a Non-executive Director, has been appointed as the Vice Chairman of the Company with effect from 5 December 2018.







Scan the QR code for more corporate governance information

All directors newly appointed to the Board receive a comprehensive, formal and tailored induction on appointment for the purpose of giving an overview of the business and operations of the Company and appropriate briefings and trainings from the Company covering the statutory and regulatory obligations of directors, organizational structure, policies, procedures and codes of the Company and terms of reference of Committees. The senior management and the joint company secretaries will also conduct subsequent briefings as and when necessary to ensure that the directors are kept appraised of the latest developments relevant to the operations and business of the Company, and their responsibilities under statutes and common law, the Listing Rules, legal and other regulatory requirements as well as the Company's business and governance policies, so that they are able to discharge their responsibilities properly.

The Company also recognizes the importance of continuous professional development of the directors. The directors are encouraged to participate in continuous professional development to develop and refresh their knowledge and skills. During the year, the Company arranged trainings conducted by its external professional advisers on navigating oil and gas through the energy transition. The trainings covered a broad range of topics including latest trends of Energy demand and industry development. In addition, the directors read materials prepared by its advisers on topics such as case studies on inside information and insider dealing. Directors also attended various e-training launched by the Hong Kong Stock Exchange on topics such as corporate governance update 2018, appointment of Independent Non-executive Directors, Independent Non-executive Directors' role, directors' attendance at meetings and dividend policy, etc.

Certain directors also attended trainings organized by the Company or external professional bodies on other regulatory updates as well as obligations of directors. In addition, directors also read materials and publications which they thought appropriate and necessary for the fulfillment of their roles. The directors provided their regular training records to the Company.

In addition, the Company also provided regular updates to directors in respect of continuing obligations of listed issuers and their directors as well as monthly updates on the business and operations of the Company.



The Company attaches great importance to the communication with the minority shareholders. With their support and trust, we have achieved a long-term sustainable development. We have established open and transparent communication channels with our minority shareholders. The Company is aware of and pays attention to the shareholder's concerns, and will strengthen the communication and cooperation with them.

A dedicated section on the Investor Relations page on our website allows us to inform our shareholders in an open and transparent manner about important Company events and invite them to participate in such activities as Annual General Meeting. We also invite the minority shareholders to take part in annual panel discussions and conference calls to have a better understanding of the Company's activities.

The effective management of the Board and the Committees further enhanced the governance standards of the Company. The Company continued to receive recognition and awards for our corporate governance. We were awarded for several corporate governance awards from *Corporate Governance Asia* and *The Asset*.

Awards & Honors won by the Company in 2018



Awarded 2018 "Chi Bauhinia Awards - Ind Mr. Yuan Guan Company awarded Companies" by Ta 1 Sroup Awarded "Corporat The Asset	Best Lis Igyu, CE 'Best C Kung W	ited Com O of the EO of Li en Wei M	npanies" sted Aedia
and the second se	e Award	s - Platir	num" by
			tents al
y Sina Finance			A CONTRACTOR OF THE OWNER
ing Award" HK Sto	ock		
	Valuable Listed Co by Sina Finance Dec	Valuable Listed Company v by Sina Finance Dec Securities Times Ving Award" HK Stock	Valuable Listed Company with Inve by Sina Finance Dec Securities Times Ving Award" HK Stock

ESG Management

The Company is highly concerned with ESG management and has incorporated ESG into corporate governance. The Board takes full responsibility for the Company's strategy and reporting on ESG, evaluates and clarifies all related risks and ensures implementation of proper and effective risk management and an internal ESG monitoring system.

in October 2016. CNOOC Limited established an ESG Audit Committee responsible for evaluating and auditing the ESG report disclosures, then submitting the report to the Board. The director of this Committee is the CEO, and executives serve as its members. Committee members can be adjusted accordingly with management turnover.

CNOOC Limited has also founded a working group for the Committee, made up of the General Manager of the Investor Relations Department, and management members of the QHSE Department, Human Resources Department, Sales Department, Procurement Department, Audit Department, President's Office and Legal Department. The group is responsible for preparing ESG reports as directed by the Committee, reporting progress to the Committee regularly, and handling other affairs assigned by the Committee. The Chief Safety Official of the Company also reports QHSE related matters to the Board in May every year, and the Risk Control Office reports risk control matters twice a year. The Board reviews and approves the annual corporate governance report, ensuring participation in the full process of ESG management and disclosure.



Code of Ethics

In 2003, the Board of the Company approved the Code of Ethics for Directors and Senior Officers ("Code of Ethics"). The Code of Ethics provides guidelines and requirements with respect to regulations, insider trading, market malpractice, conflict of interests, company opportunities, protection and proper use of Company assets, and reporting requirements for directors and senior management.

As a part of our efforts to enhance the standard of corporate governance, the Board conducts annual review of the Code of Ethics since 2009, and have continued to revise it in accordance with the latest governance requirements. The current version of Code of Ethics is on the Company's website. All senior managers and directors are required to familiarize themselves with and obey the Code of Ethics to ensure that the Company's operations are honest and legal. Any violation of the Code of Ethics will be penalized and serious breaches will result in dismissal.

Risk Management and Internal Control

CNOOC Limited has treated risk management and internal control as a top priority since our establishment. The Company recognizes that it is the duty and obligation of the management to establish and maintain a risk management and internal control system, which serves the Company's strategic objectives and meets the Company's business practice.

The Board ensures that the Company has a proper and effective risk management and internal control system in place, and reviews its effectiveness. The Board receives reports from the management on corporate strategy, finance, operations, and compliance twice a year, as well as the establishment, review and evaluation of the risk management and internal control system. All material risks are reported to the Board, which will evaluate the risks and response plans accordingly.

CNOOC Limited has established a risk management committee directly managed by the Company's Chief Executive Officer. The committee is responsible for the organization and implementation of the overall risk management and internal control, on-going monitoring of the risk management and internal control system, and making periodic reports to the Board regarding the status of the risk management and internal control system.

With respect to risk management, the Company has adopted the enterprise risk management framework developed by the Committee of Sponsoring Organizations (COSO) of the Treadway Commission of the US, and established a risk management system covering design, implementation, monitoring, assessment and continuous improvement based on the ISO 31000: 2009 Risk Management - Principles and Guidelines. The Risk Management Committee established the overall targets and policies of the risk management system which are in line with the strategic objectives of the Company, and identified, analyzed, and assessed the overall risks, including key risks in making major decisions, important events, and key business processes. The Risk Management Committee is also responsible for reviewing and approving the response plans for major risks, as well as following-up and periodically reviewing the implementation of response plans, in order to make sure that sufficient attention, monitor and responses will be paid to all key risks of the Company.

With respect to internal control, the Company has chosen and adopted the internal control framework issued by COSO of the U.S., established an internal control system and mechanism over financial, operational and compliance controls and has conducted continuing review and evaluation of the internal control of the Company to ensure the timeliness, accuracy and completeness of all information reported.

In 2018, the Company focused on updating and modifying international theoretical frameworks and standards of nsk management and internal control. We benchmarked our risk control system to the latest ISO 31000 Risk Management Guideline (2018) and COSO Enterprise Risk Management Framework (2017) to analyze and evaluate the management model, organizational structure, and personnel structure of our existing risk control system, to further improve our risk management and internal control.

On the overseas compliance system, after nearly 7 years of field operations, Uganda subsidiary has built an overseas compliance system that meets both overseas operation requirements and Uganda's national conditions. Since the startup of the project, no material compliance risk or problem has occurred. For example, it has founded a compliance management committee with partners, and stays informed of the latest regulations by local governments and updates company policies accordingly. Meanwhile, Ugarida subsidiary cooperates with local government on external audits, and has established its procuring procedures that are strictly compliant with Anti-monopoly Law and Anti-unfair Competition Law. Excessive procuring must go through public bidding process.



Audit and Supervision

In order to ensure the effectiveness and suitability of business operations, internal control, and risk management, the Company has set up a supervision management system focusing on risk control, internal control and its supporting mechanism. The system is safeguarded by internal audits, forming a vertically integrated management and reporting system as follows: Audit Committee - Compliance Officer - Audit Department - Audit Departments of Subsidiaries:

The Company follows the principle of "Finding Problems, Controlling Risks, Improving Efficiency and Promoting Development" to improve the audit management system and optimize audit resource distribution. We implement the full coverage of audit supervision in key areas, important processes and major projects. We continuously improve our risk sensitivity, enhance risk management and monitoring, and use audits as an immune system for risk management, efficiency improvement, compliance and sustainable development. The Company pays close attention to rectification, prevention and control of risks, and has established and implemented audit rectification and accountability mechanisms.

With the development of our overseas businesses, the Company's internal controls and risk management of overseas assets have become increasingly extensive. The Company will combine the annual and mid-to-long term plans of overseas audits to cover overseas subsidiaries and projects. Through the use of various forms of auditing, the Company has improved audit efficiency and effectiveness. At the same time, it has taken a number of measures to continuously promote overseas audit work, establishing a normal working mechanism for overseas auditing and an overseas audit reporting mechanism, as well as regularly organizing communication between various units.



Financial Control Complaints: Reporting Channel and Handling

CNOOC Limited and subsidianes have set up full-time and part-time positions to handle complaints and grievances. Both internal employees and external individuals can report and make accusations and appeal of violations of discipline and law to the relevant departments of local organizations of CNOOC Limited, including management, supervising personnel, legal advisers and the internal audit department, and to other related departments. Reporting methods include letters, visits, phone calls and e-mail. The channels for complaints on financial control are disclosed on the Company's official website.

The Company handles and archives appeals and complaints according to the Complaint and Grievance Administrative Measures of GNOOC Limited, and reports to the Audit Committee of the Company periodically in order to ensure that all reports are given proper attention, and ensuring that all major weaknesses in supervision and reports reach the Audit Committee directly.



Anti-corruption Practices

CNOOC Limited highly focuses on anti-corruption; and sets strictly internal punitive mechanisms and management policies strictly abiding with by national and local policies, laws and regulations related to anti-corruption and business ethics, such as the Anti-Money Laundering Law of the People's Republic of China, Prevention of Bribery Ordinance. and Anti-Unfair Competition Law of the People's Republic of China. We seek to identify and punish Should there be any practice of employee corruption and and malpractice with no exception, we would take down with no exception.

The Company has a high ethical standard for behaviors of its employees. It requires employees to stick to integrity and self-development with self-discipline and honesty. In order to strengthen the internal management of the Company, improve the self-discipline of employees, and ensure that the Company's production and business activities proceed smoothly without business ethics violation, the Company has formulated a set of rules and established an effective system to punish and prevent fraud, such as The Code of Commercial Behavior and Conduct of Employees of CNOOC Limited, The Procedures for Handling Rule Violations, Regulations on Conflicts of Interest, Petition and Visiting Reporting. and Appeal Management Measures, and Financial Control Complaint Management Measures. All new employees receive training on the contents of all such documents and sign a letter of confirmation about The Code of Commercial Behavior and Conduct of Employees of CNOOC Limited. At the same time, the general managers and senior managers of the Company departments are responsible for the construction of clean and incorrupt governance.

The Code of Commercial Behavior and Conduct of Employees describes the code or standard of conduct that employees should follow in the workplace and clearly states that the Company forbids employees from accepting or giving bribes or kickbacks, and from engaging in circumvention behaviors of any form including accepting bribes or kickbacks through relatives or third parties. The code aims to avoid misconduct by employees at work. Meanwhile, employees are encouraged to abide by laws, provisions and business rules to avoid conflict of interest.

The Procedures for Handling Rule Violations specifies detail provisions for behaviors that violate the relevant laws of the state and the regulations of the Company. These behaviors include violations of rules of production and operation management, violations involving financial discipline, comption and bribery. The articles from Article 53 to 61 clearly outline punishments for comption (embezzlement) and bribery. Article 74 clearly stipulates penalties for economic transactions between contractors and suppliers that have business dealings with the company, and Article 19 states explicitly that employees facing criminal liability from breaking the law will be dismissed.

The Regulations on Conflicts of Interest regulate directors' and employees' commercial behaviors, preventing them from bringing risks to the Company due to conflicts of interest. The Regulations on Conflicts of Interest define activities that may lead to conflicts of interest, such as asking suppliers or clients for rewards of any kind, or receiving rewards of any kind from them. It also defines measures to protect whistleblowers' lawful rights and interests.





SAFETY AND ENVIRONMENTAL PROTECTION



The Company regards safety and environmental protection as the foundation of sustainable development, and upholds the goal of "Achieving World-leading Safety and Environmental Protection". The Company focuses on strengthening its emergency management in establishing an emergency rescalling system that emphasizes emergency preparedliess and prevention CNOOC Limited fullills corporate responsibilities for environmental protection in all espects and in a multi-dimensional way, strictly managing-our environmental performance throughout the operational process, and improving water utilization efficiency. The Company is fully committed to protecting minine ecology. Sab tion CNI safe to fit mer syst and of a and of a

Safety and environmental protection is the foundation to achieve sustainable development for CNOOC Limited to order to "Achieve world-class safety and environmental protection" we adhere to the core HSE values of "Safety First, Environment Paramount, People Oriented and Equipment integrated" to inprove our HSE management system constantly, promote safety culture and enhance energy-thy response capability. We have put significant infort into environmental protection and emission reduction, and incorporated the idea of safe, green and low-cation development into every aspect of the Company's operations.

HSE Philosophy

- Sound HSE performance is one of the foundations for the company's growth and development.
- Ensuring economic returns, HSE management is also our commitment to social responsibility.
- Put people first and regard employees as our most valuable resource. and asset.
- With set objectives, implementation is important.
- · Conduct systematic management and continuous improvement with motto "We can always do it better".
- · Promote the "5 DON'Ts until DOs' Safety Rules; focus on details, and manage risks at acceptable levels.
- Manage contractors and share information and experience to achieve Win-Win cooperation.
- Endeavor to use clean & harmless materials and energy, and protect the environment & natural resources.
- Comply with laws, regulations and industrial standards, and strive for HSE excellence.
- HSE performance mirrors the comprehensive quality of the company.

Safety criteria "5 DON'Ts until DOS"

- Don't act until safety risks are clearly assessed
- 8 Don't act until safety measures are fully prepared
- Don't act until safety tools are ready for the job
- Oon't act until safety conditions are secured
- Con't act until safety skills are well obtained

HSE Management System

CNOOC Limited has consistently upheld its goal of "Achieving World-leading Safety and Environmental Protection".

In 2018, based on the business risk exposure and practical management needs, the Company summarized its successful experience in systematic HSE management and reviewed the HSE management system. Based on international industry best practices, the Company developed the CNOOC Limited HSE Management System (CHSEMS), which represents the Company's features and international advanced management ideas. CHSEMS consists of 10 core elements such as "leadership and responsibilities," and 70 specific management requirements. By adopting a risk-based and improvement-focused planning, the Company has continuously improved its HSE management level.

In 2018, CHSEMS was trialed in selected subsidiaries. Taking into account their business risks, each subsidiary conducted a benchmarking against CHSEMS's requirements and formulated an improvement action plan to enhance HSE management quality.





Production Safety

In 2018, in order to implement our production safety responsibility system on a corporate scale, CNOOC Limited benchmarked against world-leading peers and enhanced the foundations of onsite safety management such as work permit and job safety analysis, to build a dual prevention mechanism with hierarchical risk management and potential hazard identification. Meanwhile, we have been promoting a safety culture within the Company that reflects our unique requirements. All these measures have supported the high-quality development of CNOOC Limited.



Risk Management and Control

In 2018, to ensure safe and compliant implementation of new projects, CNOOC Limited continued to strengthen the safety review of project feasibility studies and initial planning, organized safety inspections prior to trial production, and conducted an acceptance inspection on each project upon its completion.

In terms of pipeline quality risk control, CNOOC Limited organized a series of spot inspections on pipeline quality during construction phase. In 2018, we carried out 7 spot sampling inspections in one major project. During the year, we held a seminar on underwater facility plugging technology and equipment to prevent underwater operation risks.

Intelligent detection of submarine pipelines, ensuring safe development of offishore offields

After years of use, problems may arise with submarine pipelines such as scaling, wax deposition and corrosion, which must be identified and processed property. The Bohai Oilfield now has a mechanism in place to ensure the healthy operation of the "lifeblood", realizing effective early warning for areas above and under water.



Estemal

Pipelíne

Inspection

Action

Défense

China's first magnetic flux leakage inspector fully suited for submarine pipelines was developed and put into use, greatly increasing the ability to inspect special pipelines' inner and outer walls.

The 60-km-long submarine pipeline from Bohai Lüda 10-1 Oilfield to Suizhong 36-1 Terminal was inspected intelligently, using magnetic variations to identify corrosion on the inner and outer walls of the pipeline.

Single beam, multi-beam, side-scan sonar and sub-bottom profilers can accurately depict pipelines' external environment and burial.

A metal magnetic memory detector suitable for land was used to inspect the natural gas pipeline from Jinzhou 25-1 Oilfield to Suizhong 36-1 Oilfield and the pipeline landing at Boxi Terminal, greatly improving the detection efficiency and providing a new external detection solution.

Submarine pipelines are monitored in 3D around the clock, through optical fiber and sound wave leakage monitoring systems.

The platform is equipped with radar and AIS devices above and under water to automatically ensure the operational safety of ships and offshore platforms.

The security system was upgraded to lock all above and under water targets in key oilfield areas to identify suspicious targets and raise alarms as soon as possible.

All kinds of underwater and above water sensing signals are integrated to form a point-line-plane 30 defense network to keep the entire oilfield safe.

Audit and Inspection

For production safety supervision, CNOOC Limited optimized the audit mode, and increased investment in system audits from the perspective of audit duration, format, content and degree of participation to strengthen the management of the production safety responsibility system, work permit, job safety analysis and management change in 2018. Meanwhile, the Company further identified safety weaknesses, enhanced high risk control and inspected safety in extreme weather. We organized 24 inspections throughout the year.

In 2018, CNOOC Limited performed special audits on nine diving contractors, and gradually raising the portion of simulated field work assessment, thus promoting the implementation of the Association of Diving Contractors International's standards in the field.

In order to enhance helicopter safety, in October 2018, CNOOC Limited held a seminar on the safety of helicopters used for offshore oil exploitation in Zhuhai. During the seminar, requirements were put forward for the helicopter hardware management, pilot management and maintenance. Five key tasks were assigned including continuing to execute major accident scenario assessment; following and applying the standards; making full use of available audit resources to strengthen audits and rectification, to put forward management standards and requirements for helicopter hardware configuration, helicopter safety management and maintenance; improving the service and safety management of Company personnel such as pickup operators and dispatchers; and improving pilots' simulation training and night flight training.

Strengthen Safety Execution Capability

The CEO and other senior managers are directly responsible for safety strategy and management, with safety and health performance linked to executive compensation. In 2018, the Company's management actively practiced the CNOOC Limited Safety Identifier Behavior, and played an exemplary role in visiting frontline units to conduct safety inspections. They gave "safety lectures" to improve the staff safety awareness and safety management efficiency for a well-executed safety culture.



Strengthen the

management and audit

of diving contractors

Entrancing the

helicopter safety

management

In 2018, the Company paid more attention to its safety culture "People Orientation, Execution and Intervention". We issued Document No. 1- Opinions on Building a Safety Culture in CNOOC Limited, to define targets and principles, and to assign responsibilities, in order to foster a safety culture and build a long-term mechanism to raise awareness and guide the implementation of safety culture promotional activities.

2018 is the "Year of Implementing the Responsibility System for Work Safety for All Personnel". We actively promoted the construction and implementation of a risk-based production safety responsibility system for all staff. We organized seminars on the implementation of the safety responsibility throughout the Company, and incorporated the implementation into the scope of audit and inspection, and promoted subsidiaries to build a fourin-one (risk, responsibility, ability and assessment) safety system for all personnel based on job requirements. A work system of "layers of responsibility, everyone's responsibility and each one's responsibility" for production safety is promoted within the Company.

In 2018, the Company continued to carry out remote safety education and training. More than 15,000 employees attended 10 popular safety courses offered on the "overseas learning" platform in six months.

Overseas Safety Management

To address challenges in social security, operational r management and public health, we continuously improved it HSE management system for overseas business and strength the supervision and management of overseas business enhance our overseas subsidiaries' safety leadership and cultu We achieved good HSE performance in overseas operatio and there were no major accidents, or environmental pollution safety incidents during the reporting period.

In 2018, CNOOC International improved the security management system by evaluating threats in high-risk areas, and revising t fragi subsidiary's security program. We continuously monitor the security situation, and issued over 900 early warnin and held 4 overseas safety training sessions. We revise 9 integrated plans, held 1,277 different types of emergen exercises, and effectively responded to emergencies, includ the Mexico earthquake and Basra demonstration. We organiz 3 desktop emergency exercises, effectively improving CNOC International's safety and emergency management capabil CNOOC International organized a self-inspection of production safety for overseas business, eliminating 98% of the safety threats identified.

The Iraqi Subsidiary's Safety Emergency Mechanism

Set up a safety information Strengthen security reporting system · Update security warning Information daily

- Update man-vehicle matching Information daily
- Update personnel plan dally Report Irag's security situation
- to the Head Office in China daily
- intensity in the oilfield Set up a checkpoint and lookout post outside the
- attield Set up a police force in the
- diffield to enhance security patrol
- Enhance access control and no irrelevant personnel is allowed



		We conducted a pre-exit safety
1	44	inspection of the SES Oilfield in
5		Indonesia to ensure that the exit
		process would take place safely and
1		legally.
		17/20
	- Com	CNOOC International conducted
	and a	research and inspections on safety
<u>1</u>		emergency response and security
ġ		for our business in Mexico.
		CNOOC International conducted a
8 1	Dec	post-drilling safety inspection for the
		Missan Oilfield in Irag.
25		wissan onen in nac.
1		

Make an effective emergency plan:

- Update and upgrade the
- comprehensive emergency plan
- Plan for Natural Disasters
- Make an emergency treatment
- plan for demonstrations, medical
- operations and tribe conflicts.
- Build the emergency treatment.
- process for high-risk jobs
- Estimate contractors' emergency capacity

Carry out emergency exercises

- Update the Emergency Response Complie an emergency evacuation guide
 - · Maintain and update
 - emergency resources.
 - -Test emergency communication equipment.
 - Carry out comprehensive maneuver and special emergency exercises

Safety Management Performance

The Company still adhered to a high HSE standards in 2018. The Occupational Safety and Health Administration (OSHA) occupational safety record for the year is as follows:



7	Scope	Total Work Hours (200 thousand man- hours)	Number of Recordable Incidents	Rate of Recordable Incidents	Cases of Lost Work Days	Rate of Lost Work Days	Casualties
	Employees	202	18	0.08	10	0.05	96
2018	Employees and Direct Contractors	557	44	0.08	22	0.04	2
	Employees	205	12	0.06	6	0.03	0
2017	Employees and Direct Contractors	545	48	0.09	17	0.03	115
2016	Employees	200	12	0.06	6	0.03	3
2016	Employees and Direct Contractors	560	68	0.12	25	0.04	5



Equipment and Facility **Integrity Management**

To produce quality products, the Company has been relentlessly perfecting its management in keeping the equipment and facilities integrated and working smoothly to maintain safe and clean production for the Company. We have seen a steady downward trend in our safety accident rate, and the rate of breakdowns on production dropped after the bounce back in 2017, resulting in a drastic decline in accident impact by the measure of average repair costs for individual facilities.

In 2018, as we continued our efforts in refining the management system, we issued the CNOOC Limited Equipment and Facilities Integrity Management System (Version B) and made revisions for 50 documents and 332 clauses. In August 2018, we invited Det Norske Veritas (DNV GL) to conduct a pilot audit of the integrity management of equipment and facilities on our Shenzhen branch, and verification from the independent third party showcased the considerable progress we have made in integrity management implementation.

We have a regular mechanism for risk identification and elimination of potential equipment and facilities, "fastening the seat-belt" for our production and operations. We have prioritized the inspection and maintenance of submarine pipelines, floating production equipment, drifting rigs, wellbores, and electrical equipment. in 2016, we conducted random examinations at our branches on equipment and facilities safe operations, further strengthening the supervision and process control.

We launched a three-year action plan for environmental protection in the Bohai Cilfield. Following the action plan, we detected potential hazards for submarine pipelines, installed riser protection racks and controlled annulus access flow for risers. In addition, we added requirements to the baseline tests on all new pipelines in the Bohai Bay, and embarked on power supply planning in the Bohai Oilfield.

Impact rate of equipment and facilities breakdowns on production (production impacted/planned output)





Equipment and facilities design integrity audit and production adaptability assessment in 2018:

Completed integrity audits on 10 projects in the preliminary research stage, such as the Lingshui 17-2 gas field.

Completed integrity audits on 7 projects in the production stage, such as the Enping 23-1 oilfield.

Dock repair of South China Sea Shengli and Offshore Oil 111 FPSOs



In 2018, due to serious corrosion of the cabin and subsea valves of the South China Sea Shengli Floating Production Storage and Offloading (FPSO) unit, the mooring rope broke and the mooring chain was badly abraded. As Offshore Oil 111 FPSO was seriously corroded as it was approaching the end of its service life, the Shenzheri branch carried out thorough dock repairs on two of the FPSO units. It took more than two months to replace the severely corroded hull parts and all potential hazards identified were eliminated. Both FPSOs are now in great form, have been put back into production and operation, and are well-prepared for future safe production.

Enhance Emergency Response Capability

The Company focuses on strengthening its emergency management in establishing an emergency rescuing system that emphasizes emergency preparedness and prevention. In 2018, the Company remained committed to improving the collaborative emergency response mechanism and the Tianjin branch hosted a joint emergency drill with CNOOC Limited, Sinopec and CNPC. The drill further tested and upgraded the Company's capabilities for emergency response and participating in regional coordination with Sinopec and CNPC.

In 2018, the Shenzhen, Zhanjiang, and Shanghai branches were struck by typhoons 12 times, from Ewiniar on June 4 to Yutu on October 26. We mobilized 68 ships and 761 helicopters, evacuated 16,238 people at sea, and effectively responded to emergencies.



Mangkhut, the most violent typhoon of the year

With the 22nd typhoon Mangkhut approaching in 2018, we carried out overall deployment following the requirements of the Ministry of Emergency Management of the People's Republic of China and the Company's typhoon emergency plan. We maintained close communications with the National Meteorological Center of CMA as well as Emergency Response Departments around the clock to supervise the preparation. Offshore facilities with a total of 5,365 people were evacuated in advance with 230 helicopter trips and 39 sea trips.

The Shenzhen branch organized the evacuation for its entire responsible area, activated the Typhoon production mode" for offshore gas fields, and delivered about 45 million cubic meters of natural gas by unmanned production. The Zhanjiang branch provided temporary electricity generators to ensure continuous power supply during the typhoon.

Launching the "Well Control Week" Activities

In October 2018, the Company held a series of activities for its "Well Control Week", with the theme of "Fulfilling Responsibilities for Safe Development, Preventing and Controlling Major Risks of Blowouts". The activities were focused on well control tasks and well control emergency exercises. Meetings and publicity events were held to facilitate employee understanding of well control management.

Cyber Security

With severe challenges and strict regulations, the Company recognizes the importance of cyber security work and conducted comprehensive evaluation and monitoring throughout its management system. We have elevated the security for infrastructure, production systems and sensitive data, and boosted the defense against cyber-attacks, providing strong protection for company operations.

The European and North American subsidiaries enhanced data security. management

On May 28, 2018, the EU's General Data Protection Regulation (GDPR) officially took effect, which had great implications for our Europe and North America subsidiaries operations. Seeing the regulation coming ahead of time, the European and North American subsidiaries set up special taskforces a year before its release and conducted deep research on data protection. The taskforces developed a data protection upgrade plan to ensure that the subsidiaries transition smoothly and comply with the regulations in the shortest term possible. After the introduction of the regulation, the taskforces made prompt updates on relevant procedures, contracts and privacy provisions, and carried out activities such as interpretation of regulations and online training for all employees, keeping them informed of key terms of the regulation. as well as their rights and obligations in data protection. As the result, data security was strengthened by employees and suppliers and the subsidianes as a whole according to the new standards.



Environmental Protection

CNOOC Limited fulfills corporate responsibilities for environmental protection in all aspects and in a multi-dimensional way, strictly managing our environmental performance throughout the operational process, and improving water utilization efficiency. The Company is fully committed to protecting marine ecology.



The Company's Whole-process Environmental Protection Flowchart

Pretrial Project life Feasibility leasibility Design Construction Stinty/ODF oycle Freduction Study Completion Acceptance Pre-assessment of Environmental Impact Special section on Presentation of Environmental Report for Environmental ampli ocometama i environmental protection environmental risks Assessment Report. Protection Protection riccourse Hits Management Plan implementation plan as required by environmental assessment. Environment Impact assessment Environmental Facilities approved before construction and project permission Standardization Report Reporting of changes form environmental assessment Submit Environmental Submit Environmental impact Submit Feasibility Study Report. **Paditties Standardization** Assessment Report graft for Submit Environmental ODP Report, and Monthly Report and Completion Summit pre-assessment approval, approval documents, Protection Management impact Assessment Report, Acceptance Report and as well as Environmental impact. Plan report Internally Reviewed Report, Draft approval and turn approved Assessment Implementation and Reporting Files of Impact projects into factories Plan and change report Assessment Environmental facility "Three Simultaneous" of "Triple Waste" Treatment standardization Technology Management Environmental Design Enstrumentik Manageemmi house an annual the Environmental protection acceptance after completion of project construction

Note: The scope of the environmental data in the report only includes the Tainjin, Shanghai, Zhanjiang, and Shenzhen branches, and excludes China United Coalbed Methane Co. Ltd. and overseas units.

Environmental management

Adhering to the idea of a "Green, Low-carbon, Clean, and Circular Economy", the Company has stepped up our efforts to become an "Energy-saving and Environmentally friendly" enterprise, and has continuously implement environmental management.

Following the management principle of "in-process control better than post-control, pre-control better than inprocess control, and whole process control better than pre-control", the Company has managed environmental protection with environmental impact assessment as the core. Using the CNOOC Limited Environmental Protection Management Information System as the platform, we have performed environmental protection management, emphasizing strict environmental impact assessment, pollutant emission monitoring and overall emission reduction throughout the project construction process.



Emission Reduction

Under the framework of ecological protection, the Company has put significant effort into green development, imposed rigorous control of marine environmental protection, and complied with the requirements of the Environmental Protection Law. During the year, the Company continued to revise the marine environmental protection system, though the Regulations on the Environmental Impact Assessment of Domestic Offshore Oil and Gas Fields and the Management Rules for the Completion of Environmental Protection Facilities in Domestic Marine Oil and Gas Development Projects, which effectively reduced environmental risks and potential hazards at various stages, and improved the Company's environmental management.

In 2018, in response to the Group's environmental risk investigation, the Company carried out comprehensive marine environmental risk investigation and environmental hazard control. We conducted environmental protection supervision on key environmental risks to complete environmental hazard remediation.

Meanwhile, the Company performed annual special emission compliance monitoring on offshore platforms, and strengthened the supervision of pollutant discharge in the production process. We consolidated the monitoring of key environmental protection processes through information technology, carrying out special environmental inspections and promoting rectifications to achieve a coordinated and healthy development relationship between production and environmental protection by continuously regulating environmental management.

Regarding the management and control of hazardous chemicals in the oilfield, we adhere to the five principles of locating, quantifying, designating persons in charge, specifying accountability and timing. We clarify the properties of hazardous chemicals, determine the location of hazardous chemicals, and include hazardous chemical management in the safety production procedures to fix flaws and prevent risks.



Emission of the Company's Main Pollutants

Indicator	Unit	2016	2017	2018
Non-hazardous Wastes	Tons	14,647	16,490	13,970
Hazardous Wastes	Tons	20,101	22,326	29,426
Oil Content in Discharged Water Off-shore End Use	Tons	2,460	2,535	2,437
Chemical Oxygen Demand (COD) Off-shore End Use	Tons	114.4	99.6	128.7
Sulfur Dioxide (SO ₂) Off-share End Use	Tons	9.5	8.4	17.9
Nitrogen Oxides (NO _s) Off-shore End Use	Tons	199,0	272.2	341.3

The Shenzhen branch strictly controlled production-used water discharge to mitigate pollution

In 2018, the concentration of petroleum hydrocarbons in production water and the COD in domestic sewage from the offshore facilities of the Shenzhen branch were both lower than the national emission standard. In particular, the concentration of petroleum hydrocarbons was lower than the national standard by 50%, and was eligible for the reduction and exemption of national environmental protection tax.

Water Resource Management

Adhering to the principle of "paying equal attention to developing reserves and reducing usage, giving priority to conservation" and focusing on improving the utilization efficiency of water resources, the Company strengthens technological transformation and promotes comprehensive treatment and reuse of wastewater to conduct all-around water resources management.

In 2018, the Company prioritized water conservation at all levels by setting specific tasks and indicators for all subsidiaries, and implemented multiple management and technical measures on water conservation. For example, freshwater conservation was achieved through measures such as seawater desalinization; the Company consumed less freshwater per unit of production by optimizing the production process; employees' awareness of water resources crisis and water conservation was enhanced by active water conservation promotion.

Indicator	Unit	2016
Total Freshwater Consumption	Million tons	1.879
Freshwater Consumption Per Ton of Oil and Gas Production	Cubic meters/ton	0.0335
Water Saving	Thousand tons	113
- 71	-	





Freshwater consumption per ton of oil and gas production





Penglai 19-3 Oilfield RUP Platform turbing flue waste heat seawater desalination project (phase II)

The RUP platform of Penglai 19-3 Oilfield contains two gas turbines. We installed a heat exchanger on the turbine flue to transfer the heat from the gas to the circulating water. With a pump circulating hot water, the absorbed heat from turbine gas is brought to distill seawater for freshwater. The project is divided into two phases: the 2017 and 2018. After being put into operation, it produces 18,000 tons of freshwater per year, which not only helps realize the water self-sufficiency for production and for people to live on this facility, and also can supply freshwater to the surrounding offshore platforms, significantly reducing the frequency of water exchanges between ships and effectively saving production costs.



Marine Ecological Protection

The Company has fulfilled the requirements outlined in the Measures for Environmental Protection Management. During Production and Measures to Manage Accountability for Environmental Damages, and has strictly maintained our ecological "red line" for harmonious coexistence with the ocean to achieve mutual benefits. For newly built and refurbished environmental protection projects, we have implemented the Measures to Manage Newly Built and Refurbished Environmental Protection Projects.

In 2018, we actively participated in environmental protection initiatives, focusing on research and protection of biodiversity, and promotion of resource restoration and environmental improvement in the operating regions. We sponsored a variety of projects such as protection, artificial propagation and release of spotted seals.

Active restoration, artificial propagation, and release of fishery resources





Artificial propagation and release is a way to actively reduce the impact of marine engineering on the environment. In 2018, the Shenzhen branch restored, artificially propagated, and released fishery resources for the Enping 23-1 Oilfield Project, with a total of more than 3 million pompanos, black porgy, sparus latus and more than 31 million giant tiger prawns released. While increasing the amount of biological resources in the area of artificial propagation and release, we also improved the ecological community structure to realize ecological, social and economic benefits.

Protection of marine wildlife

CNOOC Limited takes part in measures to protect the marine ecological environment. The offshore operation areas often become a refuge for wild animals, and marine life which are highly demanding on their habitats such as national-level protected wild animals.

Resoue a Lost Falon-

Hawkshill Turtle

Employees in Weizhou Oilfield found a national level 2 protected falco subbuteo, during a deck inspection. According to initial judgment, it was foraging in the water near Weizhou Island, lost direction in the strong and cold winds, and landed on the platform. The bird was taken good care of for a week, and it eventually recovered and flew away.

During the inspection of Ledong 22-1 gas field, a hawksbill turtle (national level 2 protected wild animal) was entangled tightly in a fishing net near the jacket. The turtle was rescued and released into the sea.







Rescue an Entangled

Rescue an Injured Finless Parpoise

Employees on platform C of Penglai 19-3 oilfield immediately arranged for the standby ship, HYSY 688, to rescue a finless porpoise upon notice. The animal was trapped 50 meters northwest from the platform. In 5 minutes, the ship arrived and quickly took the injured finless porpoise onboard. Upon inspection, the finless porpoise was marked with multiple scars from fishing nets. After about 20 minutes, the net was untangled; the finless porpoise recovered and was released.

Ecological Restoration by CNOOC Nexen Company

In 2015, CNOOC Nexen Company discovered a pipeline release of a mixture of bitumen and water at our Long Lake Oil Sands operations in Fort McMurray, Alberta, Canada. Together, teams quickly collaborated with internal and external stakeholders and built comprehensive plans to support the remediation efforts in a unique muskeg (swamp like) environment. This included working with local stakeholders (e.g. Aboriginal communities, Regional Municipality of Wood Buffalo community members, etc.) and the Alberta Energy Regulator (AER) to maintain regulatory compliance and ensure all relevant stakeholders' views were considered and incorporated into our plans.

Whidlite protection measures:

- Installed fences and flags to deter ungulates such as deer, bears, foxes and coyotes.
- Placed predator effigies and scare canons to deter birds and other small wildlife.
- Engaged qualified wildlife biologists to observe the release site.
- Placed white silage tarps on the exposed bitumen to deter birds from thinking it was a landing spot.





Ecological and environmental reveniation:

Due to the remote location of the release site and the swamp-like vegetation (muskeg), extra remedial steps were required. This included,

- Using coconut matting as a barrier to contain the release.
- Using rig mats to help construct roads to get to the site.
- Waiting until the outside temperature cooled to start excavating, as this would help solidify the bitumen and reduce the environmental impact and waste volume from remedial activities.
- Taking confirmatory samples from the bottom of the excavation to determine if any further work was required.
- Moving soil to synthetically line holding cells to prevent further seepage into the muskeg.
- Backfilling the release site with clean peat once samples were determined clean.
- Trucks safely following a haul plan to transport material to the landfill.



Solid and fluid waste management measures;

Bell holes, which vary in size, were installed around the release site to help gather some of the release. A bell hole is a widening of a trench over a given distance The water was and is required by Occupational separated from Safety and Health Administration bitumen, sand to repair any pipeline when the and sediment. trench is deeper than five feet. Waste storage cell **Dewatering Dewatering** Fluid All of the waste was put into storage cells, where it would be ready for dewatering. Solid Solid waste management Sawdus Solids Solids and liquids leaving the site were recorded and tracked - from were mixed with volumes, type, to destination - and sawdust were referenced with on-site tracking and sheets and off-site manifests. Waste placed into was transported to and disposed of at stockpiles. approved AER facilities.

CNOOC Nexen Company accomplished site closure within two years with no requirements for long term monitoring. Shortly after the AER Environmental Protection Order was lifted, the site was given back to operations. Today, the release site looks like any other pipeline right-of-way in the region; with natural vegetation returning to pre-disturbance health and abundance with no outstanding visual evidence of the release.



Response to Climate Change

As a responsible energy company, we adhere to the concept that "lucid waters and lush mountains are invaluable assets". With our low-carbon strategy implemented, we strive to promote clean energy and improve energy efficiency, and boost energy-saving and emission-reducing projects to proactively tackle climate change.

Energy Conservation

In 2018, we upgraded and optimized our energy and carbon control system to automatically collect energy invested consumption data from key energyconsuming units. The Company invested special funds for energy conservation and emission reduction, and promoted energy conservation and emission reduction via technological advances. We implement systematic energy conservation based on a clear and complete organizational structure. With division of work and management principles as the parameters, we carried out energy conservation planning covering fixed asset energy conservation evaluation methods, special funds management and publicity work for energy conservation. Procedures pertinent to energy conservation management were articulated and incorporated into our overall risk management system. In addition, we have also carried out extensive energy-saving publicity and education to boost employees' energy-saving awareness.

In 2018, we increased our investment in energy conservation and emission reduction, transforming technologies to achieve our targets. This year, we rolled out 39 technology transformation projects to achieve energy conservation goals, with total investment of RMB 210 million. Nanshan Terminal of the Zhanjiang branch was awarded as a "Green Factory" in the petroleum and petrochemical industry. In 2018, the Company saved energy equivalent to 165 thousand tons of standard coal.

In 2018, the Company organized the revision of five enterprise energy-saving standards, including the Guidelines for Construction of Online Energy Consumption Monitoring Systems, Guidelines for Utilization of Residual Heat and Pressure in Offshore Oil and Gas Fields, and Guidelines to Evaluate Green Plants in Offshore Oil and Gas Fields.



Energy Conservation Targets

Indicator	Unit	2018	2017	2018
Energy Conservation Targets	Tons of standard coal equivalent	88,952	130,767	93,723
Actual Energy Saving	Tons of standard coal equivalent	159,418	155,299	165,148

Gas recovery project at the HZ 21-1 Platform

HZ 21-1 Platform of the Shenzhen branch evaluated its existing facilities and processes. Its small compressors were repaired and rebooted to recycle and utilize the associated gas, extending the production life of the field. After completion of the project, 45,000 cubic meters of natural gas were recycled each day. From January to December 2018, a total of 11.48 million cubic meters of gas was recycled, conserving 15,269 tons of standard coal equivalent and reducing 24,822 tons of CO₂ emissions equivalent. The annual economic value created was RMB 18.36 million.

Bozhong 34-2/4 CEPA Platform low-pressure natural gas recovery project

In the Bohai Oiffield, we introduced low-pressure gas recovery technology. In 2018, we selected the Bozhong 34-2/4 CEPA platform as a pilot and applied jet supercharging technology for the first time. The gas released from the secondary separator was recovered, exemplifying the Venturi effect. With the recovery capacity of 3 million cubic meters of low-pressure gas, it could reduce 7,200 tCO₃e of GHG emissions.



Main Energy Consumption of the Company

Indicator	Unit	2016	2017	2018
Crude Oil	Thousand tons	313.9	323.2	324.1
Natural Gas	Million cubic meters	1,732	1,766	1,861
Diesel	Thousand tons	25.1	28.3	29.4
Electricity	Million kWh	132	150	203
Comprehensive Energy Consumption per Ton of Oil and Gas Production	Tons of standard coal equivalent/ton	0.0470	0.0494	0.0515



Low Carbon Management



Under the instructions of the Plan to Control Greenhouse Gas Emissions under the 13th Five-Year Plan (NDRC Document No. 61 [2016]), the Notice on Earnestly Launching a National Carbon Emissions Trading Market (NDRC Climate Document No. 57 [2016]) and other relevant documents and policies in China, the Company manages energy conservation, emission and carbon reduction throughout the year and tackles major issues. We set up a set of metrics and KPIs for energy conservation and carbon emission reduction in light of the regulations, and reviewed the annual performance of subsidiaries accordingly.

In 2018, we established a low-carbon management system with reference to the national policies and practices of leading energy companies in China and abroad as well as requirements to implement climate and carbon management. The system was found based on one measure and five rules: Low Carbon Management Measures, Rules for Carbon Emission Statistics and Reporting, Rules for Carbon Emission Impact Assessment and Review of Fixed Asset Investment Projects, Rules for CGER' Project Development Management, Rules for Carbon Asset Management, and Rules for Carbon Assessment. Through this system, the Company has worked out the "division of work" for the overall carbon management and the corresponding data collection methods, and laid out managing rules for carbon reduction work including CCER projects, carbon evaluation and carbon assets assessment.

In 2018, we initiated the compilation of a "Green Low-Carbon Development Roadmap" and its implementation plan, which outlines the short-term, medium-term and long-term carbon emission reduction action plans for the Company. The Plan aims to optimize and integrate the energy control and low-carbon management information system that combines production with energy saving and carbon emission reduction. We have made a more progressive annual plan on energy-saving and low-carbon targets, incorporating KPIs of carbon emissions, emission intensity and emission reduction completion into the performance evaluation of each unit.

In 2018, the Company further optimized its technology, evaluation, and management systems regarding carbon emission impacts, and formulated standardized procedures and work flows. During the year, our research center analyzed and researched the feasibility of carbon dioxide storage and CO₂ flooding technology in offshore oil and gas fields, keeping an eye on related advanced technologies, focusing on both preliminary research and technology application. We conducted carbon dioxide engineering application transformation projects in Shenzhen, Zhanjiang and Shanghai and formulated the implementation plan and application exploration.

In 2018, we conducted carbon emission impact assessments and audits of fixed asset investment for projects that consumed more than 20 thousand tons of standard coal equivalent of comprehensive energy or produced more than 10 thousand tons of CO₂ equivalent of GHG direct emissions. In total, we have conducted six projects, including assessment of the Lingshui 17-2 Gas Field and Luda 6-2 Oilfield. We verified the carbon emissions of companies that are subject to emission control, and urged companies participating in the plot carbon trading program to comply with regulations and fulfill their contractual responsibilities. We developed the CNOOC Limited Carbon Asset Management. Plan and participated in state-led studies on carbon emission benchmarking to improve comprehensive carbon management.

New discovery at ocean carbon sequestration observation station



The Zhanjiang branch established an ocean carbon sequestration observation station in the Western South China Sea, discovering a strain of marine roseobacter which could play an effective role in desulfunzation, carbon sequestration, and produce polyhydroxyalkanoates (PHA), an intracellular polyester synthesized by many bacteria. It is the main compound used for carbon and energy storage in organisms, and characterized by excellent properties such as biocompatibility, optical activity, thermoplasticity, and complete biodegradability. It is a green bio-polymer with promising application prospects, and now being widely used in the industrial and medical fields.

Alberta carbon conversion technology center opened, funded by the North American subsidiary

The Alberta Carbon Conversion Technology Center, funded by the North American subsidiary, was opened on May 25, 2018. The center can test commercial carbon capture and conversion technology using flue gas generated by natural gas combustion.

Mr. Paul Khanna, a consultant at the North American subsidiary for governmental relations and climate change, said at the opening ceremony: "We are so proud to bring this building to Calgary, so innovators can test their technologies on real-world emissions from natural gas-fired power plants. Knowing that these innovations could be applied to oil sands operations in the future is very encouraging."



Green factory pilot program

The low-carbon oil and gas field pilot program covered the Tianjin branch's Jinzhou Oittield 9-3, the GNOOC China Limited_Zhanjiang Dongfang Operations Co., and the Shenzhen branch's Enping Oitfield. A green oil and gas field management system was designed, integrating online monitoring, data collection, calculation, analysis, optimization, management and other functions. The system was developed to combine technology, energy use and emissions and achieve a dynamic monitoring and intelligent process optimization.

Key Greenhouse Gas Emissions data of the Company

Indicator	Unit	2016	2017	2018
Total Greenhouse Gas Emissions	Thousand tons of carbon dioxide equivalent	7,095	7,829	7,480
 Direct Greenhouse Gas Emissions 	Thousand tons of carbon dioxide equivalent	6,735	7,736	7,345
 Indirect Greenhouse Gas Emissions 	Thousand tons of carbon dioxide equivalent	360	93	135
Greenhouse Gas Emissions per Ton of Oil and Gas Production	Toris of carbon dioxide equivalent/ton	0.1200	0.1409	0.1328

1: CCER: According to the Interim Measures for the Administration of Voluntary Emission Reduction and Trading of Greenhouse Gases, the quantity involved in voluntary emission reductions shall be registered and recorded by the national competent authorities in the National Voluntary Emissions Reduction Transaction Register. The quantity in emission reduction is called "Chinese Certified Emission Reduction (CCER)". After the registration of voluntary emission reduction, the carbon emission can be traded in registered trading institutions of China.

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Environmental protection in the life cycle of the Bohai Olifield

The Bohai Oilfield has adhered to the principle of "protect the environment while extracting, and extract while protecting the environment". We strive to "take nothing but oil and gas, and leave nothing but a green environment" throughout the process of development, extraction, and production.

The Three-Year Action Plan for Upgrading Environmental Protection m biotom crittelid

Pursuing zero spill

accidents'

From 2018 to the end of 2020, the Bohai Olifield will enforce a three-year action plan for upgrading environmental protection in the Bohai Oilfield, strengthening its environmental monitoring and emergency response capabilities, and making contributions to the environmental protection of Bohai.

> Ensuring "zero accidents" in well ioningo.

Reducing domestic sewage discharge

> Reducing natural gas emissions

Reducing solid

Improving environmental protection management



Achieving "zero discharge" of production water from offshore facilities



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中川田市

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兼四市

Green management concepts in offshore oilfields

The Company has minimized the impact of offshore oilfield development by shifting from supplying power, gas, and water individually to establishing a regional network that provides oil, gas, water, power, information and offshore and onshore internet.

ENDIDERSONALI Development

No drilling before proper environmental protection measures in place. No oil contamination discharged into the sea. No litter generated in any form. Aiming for zero pollution, protect the environment

Construction was scheduled to circumvent the fish spawning period (as the main economic product in the area) and reduce the impact on fishery resources and the marine environment.



- 助台

from the source.



Offshore wastewater management

In the Nanpu 35-2 Oilfield, all domestic sewage was treated. Wastewater such as gray water from kitchens, toilet water and other waste was collected and treated by bacterial decomposition. To ensure the effectiveness of the treatment system, tanks were regularly cleaned to remove non-degradable dirt and transport it back to land for treatment. After a series of treatments, sewage such as flushed toilet water met national discharge standards.

Offshore emergency response team

The Bohai Oilfield has a leading offshore emergency response team among global oil companies in terms of oil spill response capability. Emergency exercises are held every week on hundreds of offshore facilities to continuously improve emergency responses. Meanwhile, the teams also promptly clean up garbage produced by passing ships. The Company Postdoctoral Environmental Protection Research Station also developed bioremediation technology for shoreline oil pollution, using bacteria and fungi to consume crude oil and release environmentally harmless substances. The station has played a leading role in the industry in accelerating the self-recovery of the marine environment.

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CNOOC Limited respects the basic human rights which all employees are entitled to, builds our corporate cutture with respect, openness, and inclusiveness, and cherishes. statl's diverse talents.



CNOOC Limited adheres to gender equality, encourages himng female employees, and develops training program for female management.

CNOOC Limited sticks to the concept of "growing together with employees", builds a multi-level Iraining system to enable employees.

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CARE FOR EMPLOYEES



ENOOC Limited regards employees as its most trincious resource and asset Adhering to our people-onimited development concept, the Company accuses on employees rights and interests. complying with employment related tabor law and regulation: constantly perfecting the labor system. to as to create an environment for staff growth and cases daysopment. At the same time, the Company cares for employees' physical and mental Trealth; and endeavors to build a safe production unvironment for employees, benefitting everyone allt- a sources growth:

Employment Policies

CNOOC Limited respects the basic human rights which all employees are entitled to, strictly abides by applicable domestic and international laws and regulations, and has constantly improved its internal employment management system. In China, we act in strict compliance with international conventions ratified by the Chinese Government, such as the Convention on the Elimination of Discrimination in Employment and Occupation, and local laws and regulations such as the Labor Law of the People's Republic of China, the Labor Contract Law of the People's Republic of China, Employment Ordinance, etc. We have established our own employment and labor contract management system to safeguard all employee's rights and interests in compliance. For overseas operation, the Company acts in compliance to relevant laws and regulations and international conventions in which the Chinese government supports. We have established an overseas employee management system, and respect the legitimate rights of all employees.

We comply with diversification and non-discrimination principles, and prohibit any discriminating recruitment clauses on gender, nationality, marital status, religion or hepatitis B status. We insist on fair and equal treatment in our recruitment, training, promotion and compensation regardless of race, nationality, religion, gender, age, marital status and other legally protected characteristics. We offer equal opportunities in recruitment, promotion, training and career development, build our corporate culture with respect, openness and inclusiveness, and cherish our staff's diverse talents.



All employees enter into employment contracts with the Company on an equal and voluntary basis. We strictly conform to labor laws, abide by stipulations on salary, overtime, and statutory benefits, oppose to any form of inhumane treatment, and prohibit the use of forced labor. We strictly comply with National Provisions on the Prohibition of Using Child Labor and the legal requirements prohibiting child labor in overseas operations. It is prohibited to recruit child laborers under 18 years old. Our youngest employees are currently 21 years old. There is no forced labor in the Company.

The Company adheres to gender equality, encourages hiring female employees, and develops training program for female managements. In addition, we have organized various activities for female employees outside work and encourage their participation.

Along with the rapid growth in overseas business, we have been proactively fulfilled overseas employee responsibility. After years of development, we are currently operating in more than 20 countries and regions in five continents, including Indonesia, Nigeria, the United States, Brazil, Australia, and the United Kingdom. We fully respect cultural diversity and local customs of the countries, and promote mutual understanding among staff with different nationalities, regional and cultural backgrounds. The Company promotes the integration and communication of domestic and overseas employees, so as to create a dynamic working environment.



As of the end of 2018, the Company had 18,312 employees. Domestic staff accounted for 83% of workforce while overseas staff accounted for 17%. Out of which 15,174 employees were located in Beijing, Tianjin, Shenzhen, Shanghai and Zhanjiang in China, and 3,138 employees were located in many countries and overseas, including 28% in Europe, 28% in Asia, 41% in the Americas, and 3% in elsewhere. 23% of the employees had a master's degree and above, 59% had a bachelor's degree, and 18% had a junior college degree and below. The employee turnover rate in 2018 was 1.6%.

CNOOC Limited ranked sixth in Forbes' Global 2000 list of the World's Best Employers

On October 11, 2018. Forbes magazine published its 2018 list of the Work's Best Employers, which included 84 Chinese companies. CNOOC Limited was ranked No.6 on the list.

Female employees



Female employee percentage



Female middle and senior level management percentage



Employee Rights and Interests

CNOOC Limited endeavors to create an open, transparent, equal, and diversified environment, and pays attention to protecting the legitimate rights and interests of employees. We offer employees competitive compensation packages; implement a salary increase scheme and a remuneration allocation system that is consistent with the market. The Company's remuneration allocation, which put more emphasis on technical experts and the field employees, is closely associated with employees' quality of work, values and contributions. A pay mechanism that matches employee income to the Company profit growth has also been adopted to ensure employees benefit from the Company's ongoing development.

We provide comprehensive and effective employee benefits, which consists of social insurances and a variety of supplementary insurance schemes. Aside from the five basic social insurances namely pension, healthcare, employment injury, unemployment and maternity, we also provide employees with personal accident insurance, commercial supplementary medical insurance, and supplementary medical insurance for employees' children under the age of 18. Besides, we provide employees with enterprise annuity and housing subsidies.

We respect and support the association freedom of our employees complying with the law. Guided by the Trade Union Law of the People's Republic of China and other laws in foreign countries, we have established labor unions, which have the responsibility and obligation to protect employees' legitimate rights and interests as well as to monitor the Company's practices. Labor unions also oversee all operational activities related to employee benefits, and communicate with the Company on behalf of its members. We follow the Labor Contract Management Rules and other management requirements and conduct awareness raising activities within the Company. We also maintain close communication with legal department and labor unions to jointly guarantee employees' rights and interests.

CNOOC Limited protects the legitimate rights and interests of local employees in overseas, strictly abides by local employment regulation in each jurisdiction, and provides employees with vacation, social insurance and other benefits in compliance with local labor laws and regulations. We establish salary adjustment and incentive mechanisms in accordance with local conditions to encourage local employees to grow together with the Company. We provide local employees with necessary vocational skills and capacity building training, as well as development opportunities such as internal transfer, on-the-job training, and overseas job opportunities.



Employee Development

CNOOC Limited sticks to the concept of "growing together with employees" and has improved its training system. Through building an employee development system and creating development opportunities, the Company motivates employees to realize their self-worth.

Talent Strategy

Actively responding to the "innovation-driven" strategy, CNOOC Limited has put significant efforts into developing innovative talents. We have built a number of innovative talent training centers to build a team of world-class scientists and high-level technological leaders.

We have intensified training of highly skilled personnel, with a focus on key experts, and promoted their exchange and communication to expand their knowledge and tap into innovation potential, and encourage them to play a role in guality and efficiency improvement of actual operation and production.

Cultivating innovative talents, yielding satisfactory results

The Company built a training center for innovative talents and promoted the cultivation of highlevel technological leading talents and outstanding innovation teams. In 2018, the South China Sea High-Temperature High-Pressure Drilling Technology Research and Application Innovation Team leit by Mr. Li Zhong, Chief Engineer of the Zhanjiang branch, won the top China National Science and Technology Progress Award, and 17 provincial and ministerial awards. The work won 122 nationally authorized patents and 34 software copyrights. The team published 7 enterprise standards, 7 books and 169 papers, of which 35 were published by the Science Citation Index/ Engineering Index (SCI/EI)





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Meanwhile, the Company carried out professional skills assessment on a large scale, paid close attention to the proportion of highly skilled personnel. In 2018, the total number of employees to undertake skilled-level assessment reached 2,000. We employed 4,585 senior and above workers, accounting for 76.16% of all skilled workers, and 963 technicians and senior technicians, accounting for 16.00% of skilled workers.



Career Growth

In 2018, CNOOC Limited continued promoting its talent development scheme and implementing the five-year talent development plan. Based on the existing three streams of the talent system, in terms of management (M rank), technician (T rank) and worker (W rank), we have developed suitable career paths for employees based on professional skills and requirements. The Company has refined its professional title management system and talent assessments. According to our talent team structure and management levels, we formulated a full-coverage, hierarchical and distinctive talent development plan to promote knowledge development and engineering innovation, standardized expert selection, and coordinated the development of talent teams at all levels to further enhance our core competitiveness, as well as the overall quality and capabilities of our talent teams.



In 2018, we improved the selection process for technical experts. Based on the 13th Five-Year Talent Development Plan set by the Company, we further expanded the technical expert promotion channel, and selected the first batch of senior experts. A review team of experts was composed of the Company's management, researchers in the engineering institute, field experts, and general managers of functional departments. They were responsible for the qualitative evaluation of senior experts, and ensured that the first batch of experts was selected in an impartial, authoritative, scientific and reasonable way.

Introduction of Dr. Li Qingping (One of the first senior experts of CNOOC Limited)

Dr. Li Cingping has worked in three major fields, namely underwater production technology impble sarety technology and natural gas hydrate mining since she graduated with a doctorate degree and jumed CNOOC Limited. She has become an academic leader in these three fields and has ted 0 national-level projects and 16 production projects, published 80 papers on SCI and E1, and been awarded 52 invention patents. In recent years, she has won more than 20 provincial-level technological progress awards, including 4 special prizes and 6 first prizes. She was selected as one of the first batch of senior technical experts of the Company.

Technology research is a self-outfivation practice at a neglected position. You cannot buy key technologies Technology research is not only my responsibility, but also a source of fun," said Dr. Li Dingging, chief engineer of the R&D Center of the Company Research Institute. Because of this commitment, she has never looked down on "unpopular technologies" in the industry, and made progress in new technical areas. Working on deep-water technology for 20 years, as the deputy manager of the project, she promoted the world's first deep-water semi-submersible oil storage production platform and deep-water subsea production system in China's first self-operated deep mater gas field Lingshul 17-2, she also led the team to develop a full set of manne gas hydrate lest mining equipment, which was successfully tested in the South China Sea at a depth of 1,320 meters and made a historic breakthrough in China's natural gas hydrate exploration and development technology.

Dr. Li Qingging's consistency embodies the commitment and responsibility of a technology expert.



Employee Training

CNOOC Limited is growing together with employees and building multi-level training systems to continuously empower employees.

A talent diversified development strategy was implemented within the Company. In 2018, guided by the Key Training Plan, we continued to implement the talent development program specified in the 13th Five-Year Plan and optimize allocation of training resources. We put the focus of training on key specialties and critical roles. During the year, the Company organized leaders and outstanding experts in various ranks, functions and businesses to participate in key training programs, including the young talent cultivation camp, policy researcher ability enhancement training course, drilling expert training course, and advanced information technology training course, which helped the Company's business development while cultivating talents.

2017 Figure of the Ocean

Expert maximg Special Allonence from the Stare Council

Matchiel Momen Red Plag Bearer

Women of the year making outstanding innovations in the Omese southing

2018 Training Performance



YEAR	SISSIDITE-	of trainees	hours	hours per person	
2018	23,875	266,266	1,235,644	83	
2017	22,468	213,167	1,084,229	72	
2016	18,077	204,853	920,576	64	

"Haixue" played a positive role in digital transformation of training



In 2018, the Company stepped up its efforts in developing the "Haixue" online learning platform, which has 1,539 online courses and more than 70 online special training sessions. 198 online and offline training courses, and 727 online exams. With the improvement of the corriduum, materials, exams and other modules of the platform, more employees took the indiative to participate in online and mobile learning. The platform enables employees to learn through more channels and to build a learning outure within the Company.

To raise employees' safety awareness and enable them to identify and actively prevent safety risks in the workplace the Company developed a systematic safety training course. Special training on safety was carried out on the 'Haixus' platform for all employees, including 2 compolsory courses and 8 elective courses, each of which had 10 safety knowledge questions. Over 15,000 employees took and passed the test, and more than 93% of employees were trained and achieved the expected goals. Online training greatly reduced training costs, improved training efficiency, covered more employees and achieved better training results.



Cultivating International Experts

In 2018, based on the international talent demands, and guided by the 13th Five-year Plan, we formulated training and exchange programs in various forms to improve the business and management capabilities of expatriate employees and overseas support teams. With the help of our subsidiaries and overseas institutions, we applied training methods such as overseas rotation, short-term technical exchanges, overseas training, and on-thejob training at international energy companies to comprehensively improve the working skills of expatriates and domestic staff. Meanwhile, we continued to track and evaluate overseas human resources management to promptly meet the human resources demands of overseas business, and effectively manage international and domestic employees.

Based on national policies, we continued to promote our plan to cultivate "international leaders and core talents", combining strategic opportunities for external development with current needs for talents. We carried out talent training in cooperation with universities in China and abroad. In 2018, we selected the second batch of 11 leading international experts, 4 of whom studied at the University of Texas, Austin for one year, and the remaining 7 participated in leading talent training for the Belt and Road Initiative by the National Development and Reform Commission. We continued to train the first batch of leading international experts selected in 2017, of whom, 35 participated in 17-day training program held at the National Development Institute of Peking University. We have actively cultivated key experts in international business and high potential talents to serve the future development of the Company.





Employee Health

GNOOC Limited complies with the Production Safety Law of the People's Republic of China, Law of the People's Republic of China on Prevention and Control of Occupational Diseases, Fire Prevention Law of The People's Republic of China and relevant laws and regulations of host countries and regions overseas. The Company continued to improve our occupational health management system. We took active measures to control noise hazards in the offshore operational environment, made further use of occupational health management information systems, and applied hierarchical management to achieve full coverage occupational health surveillance and regular monitoring of hazards that could lead to occupational disease.

We actively prevent and control occupational health risks from the source, make pre-assessment for occupational health risks. We would design and inspect on-site occupational health facilities to improve our occupational health management in the workplace. All subsidiaries are requested to make full use of our occupational health management information system to designate priority levels in occupational risk control for positions, to guide the identification of key workplaces, workforces, positions and type of risks, then implement effective targeted prevention and control.

The Company has continued rolling out stress management and mental health services for employees working in offshore facilities. We have invited professional mental health service institutions to give lectures on psychology. established psychological stations, extended on-site psychological behavioral training, and offered individual onsite psychological counseling and online services in offshore facilities to track and monitor employees' mental. stress. The Company identifies employees with higher stress levels, actively intervenes and helps them reduce such stress, which is positively recognized by employees working in offshore facilities.

Rate of occupational health examination



Staff Care

CNOOC Limited takes good care of its employees and follows the concepts of "people-orientation" and "mutual development with employees" in practice. In order to help employees maintain their work-life balance, the Company offers paid vacations and home leaves, and also encourages employees to take vacations. Besides, the Company also grants a one-time settlement subsidy and comprehensive allowance and provides temporary dorms for migrant employees. We have "Mommy's Caring House" for breast-feeding female employees to keep them safe, healthy and happy.

The 11th Group Wedding for youth group in the Bohai Oilfield

In 2018, we organized a group wedding in the Bohai Obtield. A total of 21 couples gathered and received blessings from crowds and employees of the Company. Charity events were carried out during the wedding as well. So far, the group wedding in Bohai Oltfield has been held for 11 consecutive years, creating happy memories for more than 500 young people, which has become a outlucal highlight of the Bohai Oilfield.





The 2nd "Employee and Family Open Day"

At the end of November 2018, the Tranin branch held the 2" "Employee and Family Open Day". Nearly 100 employees and their families participated in the event. The event aims to preate a communication channel between the branch, employees and their family members. The panicipants visited the offshore engineering exhibition hall and HYSY 921 drilling platform. Science lectures and family interaction activities also respect to raise awareness of the corporate culture of the transp.



The Zhanjiang branch extended all-around care to employees

The Znangang branch provides all-around case to employees for birthdays, Illness, weddings and onlidbirth in 2018, the branch wisited 2,888 employees and gave sal RMB 1.32 million in the hol summer season, the labor taninns of various units were organized to yarry out "Cooling and refreshing" autivities, and offered RMB 268,000 of heatstroke prevention and cooling items to 1,388 frontline employees



The Shenzhen branch held 2018 Regional Games

On November 30, 2018, the Shenzhen branch hosted the Eastern South China Sea Games, which were attended by 33 teams formed by nearly 3,000 domestic and overseas employees from Shenzhen and Guangoong. The event included track and field competitions, fun sports and other activities. The games not only provided an opportunity for employees to enjoy fitness, but also attached importance to employee participation and demonstration of CNOOC Limited spirit. This triennial sports meeting is an important event for the Shenzhen branch to carry out the "Healthy Company" program and improve employees' physical fitness, and instill the concept of "Participation, timess and healthiness" in every employee







CNOOC SES LTD

In 2018, the Company donated RMB 22.95 million.



monts (rotoro to paid-in tox in the year, including income tax, value-added tax, royallies, miscurca tax, etc.) reactied RMB-44.0 tallos In 2018, the Company participated in 41 mant/me searches and rescues. We mobilized oftogether 45 ships and 10 believed ringhts, and rescuert 41 people and 13 ships. Those and eavtick received formal project for 0 times from the public.

Petro Gup



SOCIAL

While creating economic benefits from natural resources CNOOC Limited shares value with society, which provides resources, opportunities and profits for our boarbouses. The Company has actively undertake on aodial responsibilities aming to become a driving force for progress among stakeholders together with society. In pursuit of sustainable development and to maximize environmental social and economic benefits, we share resources with all parties in society. Over the years, the Company and our subsidianes have been divintiges in education, medicate and health maintime rescue, manne environmental protection and community development to benefit society. The Company delivers on our commitment to serve sobely contribute to social terminity and benefit the

people. In 2018. The Company donated RMB 22.95 million for public welfare

Economic Contributions

in 2018, our production and operations progressed steadily. Oil and gas production was in line with expectations. We seized opportunities and increased investment, vigorously speeding up key projects to achieve outstanding results. We are committed to creating economic benefits and to playing a positive role in the national economy.

In 2018, the Company recorded oil and gas sales revenue of RMB 185.9 billion with a net profit of RMB 52.7 billion. Confronting international oil price uncertainties, we have always regarded improving quality and efficiency as the key to our response to the industry cycle. In 2018, our all-in cost was USD 30.39 per BOE, which decreased by 8.61% year-over-year.

Maritime Rescue

in 2018.

the Company's tax payments (refers to paid-in tax in the year, including income tax, value-added tax, royalties, resource. tax, etc.) reached

b de RMB we have created more than jobs worldwide

	Tianjin branch	Zhanjiang branch	Shenzhen branch	Shanghai branch
Rescue missions	23	8	3	7
Ships mobilized	24	9	6	7:
Helicopters mobilized	8	Q	0	2
People rescued	20	14	6	1
Ships rescued	- 4	3	2	4

The Tiartiin branch successfully rescued 20 people at sea

In 2018, the Tianjin branch made 24 sea trips and 8 helicopter flights in 23 rescues, and successfully rescued 20 people and helped 4 vessels in distress.

At 23:08 on August 14, a ship was found in distress 10 nautical miles to the east of the Nanpu 35-2CEP platform due to flooding water in the bilge. The Binhai 286 ship and Jingcheng 666 ship of the Tianjin branch, overcoming harsh sea conditions against strong winds and swells, arrived at the position of the ship in distress and successfully rescued 2 people.

At 4:08 on August 15, a fishing boat near the Chengbei Oitfield sank. Runhai 241 ship rushed to the site and rescued all 3 crew members. At 10:11 on the same day, a sand carrier on the north side of the anchorage at Huanghua Port made a distress call. Runhai 241 ship went into rescue mission and saved 4 people in distress and transferred them to land.

At 20:10 on August 15, the Tianjin branch received a distress call and issued instructions to the HYSY 642 ship working nearby to go for rescue at full speed. They successfully rescued 6 people.



When carrying out offshore operations, the Company keeps a close watch on the sea. We utilized our advantages in equipment and field professionals to collaborate in maritime and humanitarian rescues around the world. We also cooperated with government departments in maritime emergency rescue to fulfill our social responsibilities, helping protect ships, property, and the lives of people at sea. in 2018, the Company participated in 41 maritime searches and rescues. We mobilized altogether 46 ships and 10

helicopter flights, and rescued 41 people and 13 ships. Those endeavors received formal praises for 6 times from the public. The Shanghai branch was recognized as "Marine Search and Rescue Pioneer" by the Zhejiang Provincial Search and Rescue Center.



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The Shenzhen branch rescued drifting boat and seriously injured crew

On June 28, the Shenzhen branch received a notice from the Traffic Control of Bureau of Maritime Affairs that a fishing boat had lost its power in the waters near the Zhentou Rock, drifting with the wind and requesting assistance. The Shenzhen branch immediately sent the Detong standby ship to conduct search and rescue. They found the ship, successfully rescued 4 people on board, and safely escorted the ship back to Huizhou Wharf.

On September 17, the Shenzhen branch received a call from the Search and Rescue Center of the Huizhou Maritime

Safety Administration that the Qinfeng 227 ship had been hit by the super-typhoon Mangkhut. Two crew members were seriously injured. The branch immediately dispatched HYSY 681 ship to No. 7 Huizhou Anchorage, and they successfully rescued 2 seriously injured crew members and safety transferred them to the Sea Patrol 0938 ship. The survivors were sent to the hospital for treatment. The rescue bought valuable time for their medical treatment.

Public Welfare



Targeted Poverty Alleviation

2018 was a crucial year for China's fight against poverty. To implement the national action on targeted poverty reduction and alleviation, the Company focused on six tasks: strengthening grassroots organizations, developing collective village economies, increasing farmers' income, improving infrastructure conditions, perfecting grassroots governance mechanisms and cultivating townships. All subsidiaries of the Company actively coordinated the support of funding, projects, and technology, which helped to promote local economies. Integrating poverty alleviation with knowledge and intelligence support, we focused on enticing villages' internal drive for development. We also fully utilized our advantages as a business to promote "one village, one strategy" and "one village, one product", considering the actual situation of individual villages, with the aim to cultivate long-term development mechanisms by paring villages with supplementary advantages and achieve win-win cooperation.



The Shenzhen branch rescued crew on a fishing boat that had lost power in the waters

The Tranjin branch transformed a village into a model for environmental protection

In 2018, the Tianjin branch's poverty alleviation team cooperated with Renfengzhuang Village in Qilihai Town. Ninghe District, Tianjin, to improve the sanitary conditions of the village surroundings, turning it into a "model village" for environmental management. In addition, the team repaired and upgraded a road about 1.4 kilometers long under the requirements of "Rural roads Qualified in 4 aspects". After the main route was completed and put into use in mid-December, transportation has become much more convenient for the villagers.





Village before and after sanitary improvements

The Zhanjiang branch took multiple measures to alleviate poverty

The Zhanjiang branch stepped up in poverty alleviation during the year and carried out various supporting measures. In 2018, it invested RMB 12.45 million in poverty alleviation projects. During the year, it participated in a store renewal project and a photovoltaic power generation project for Shilong Primary School in Luxi Village to help villagers earn an income.



Roads before and after upgrades

Community Building

In 2018, the Company and its subsidiaries endeavored to fulfill the commitment to society and continued to provide a broad range of assistance in public infrastructure and community aid and made donations. We seek to participate in community life and boost its development, to protect and improve local livelihood. We take community building as our responsibility in giving back to society.

The Zhanjiang branch organized community medical checkups and treatment



The Zhanjiang branch carried out joint clinical activities in Gantang Town.

Zhanjiang branch collaborated with No. 2 Zhanjiang People's Hospital to carry out medical checkups and treatment in Gantang Town, ensuring the public to receive free medical services at their doorstep. Five doctors attended the activity and provided medical services for nearly 100 people.

On October 27, 2018, the

The Shanghai branch aided road construction and donated to the needy

In 2018, the Shanghai branch rendered road construction in Linkong Business Park in Changning District, Shanghai, and worked with the Weidong Village, Shanyang Township, Jinshan District, Shanghai, on charitable activities. In addition, Lishui Operation Company donated to needy villagers and assisted them during the Spring Festival. In 2018, Shanghai branch donated a total of RMB 118,000 for community building activities



It is a tradition of the Company to establish harmonious relationships with local governments and residents. In addition to following disciplines applicable to our businesses, we study local customs and habits and respect residents religious beliefs and behaviors. Through deepening understanding and exchanges, we gradually establish mutual trust and reciprocal relationships with local governments and communities, which has paved the way for us to proceed more smoothly at various locations.

The lragi subsidiary cooperated with the lrag government to implement social contribution projects

The Iraqi subsidiary actively implemented social contribution project aiming to assist local development. In 2018, the subsidiary continued to carry out infrastructure construction in Missan Province, upgrading power grids and building public facilities such as roads, bridges, schools, and sewage pipes. In addition, the subsidiary visited local residents and the government more extensively, and offered assistance and help as needed.





The Iragi subsidiary visited local police station during holidays

commencement ceremonies

The North American subsidiary donated to friendship centers in northern Alberta

National Indigenous People's Day, an opportunity to learn the culture and traditions of indigenous people, is celebrated in Canada on June 21 each year. Our North American subsidiary set up a Community. Counseling and Aboriginal Relations (CCAR) team which has regularly worked with communities where native populations are present. The subsidiary believes that native communities should share the economic benefits of the subsidiaty, and therefore donated to the Nistawoyou Friendship Center and Lac La Biche Canadian Native Friendship Center. helping friendship centers continue to provide support programs CCAR team from Anzac, Canada with and services to indigenous people.







The Iragi subsidiary participated The Iragi subsidiary visited local local community building project communities



native residents at the Fort McMunay Métis

Humanitarian assistance by the Southeast Asian subsidiary recognized by the Indonesian Ministry of Energy and Mineral Resources



On December 17, 2018, the Husky CNOOC Madura Limited (HCML), a subsidiary of our Southeast Asian subsidiary, along with several other companies, won several awards from the Indonesian Ministry of Energy and Mineral Resources. These awards were presented by the Indonesian Minister to recognize HCML's humanitarian assistance activities. On September 28, 2018, HCML assisted survivors of the Palu and Tongara earthquakes and tsunami in central Sulawesi. In coordination with the Indonesian Oil and Gas Industry Task Force (SKK Migas), HCML donated funds and goods to SULVIVORS.



HCML awarded by the Indonesian Ministry of Energy and Mineral Resources

Charitable Donations

CNOOC Limited has actively worked to diversify its philanthropic activities. We played the role of a charity funder to create social benefits and impacts by leveraging the Company's resources, while organizing employees to participate in philanthropic activities.

The Shenzhen branch donated to Changpo Primary School, Kaili City, Guizhou Province

In December 2018, the Shenzhen branch once again visited Changpo Primary School in Kaili City, Guizhou Province, 119 employees of Shenzhen branch donated money and properties worth RMB 65,600 in total to help 119 poor students. Since the donation for constructing the teaching building in Changpo Primary School in 2006, the Shenzhen branch has supported the school for more than ten years. Up to now, more than 2,000 students have graduated from Changpo Primary School and moved on to a broader life stage with the help of the Shenzhen branch.



The Ugandan subsidiary set up an "Excellent Scholarship Award" for outstanding students

In 2012, the Uganda subsidiary launched an "Excellent Scholarship Award" in Hoima District, providing cash rewards to the top 90 students in local primary and secondary schools. As of 2018, the award scheme has benefited more than 630 local students. According to the statistics from the Hoima Regional Education Bureau, thanks to this award, students in all targeted grades have significantly improved their academic performance.

The North American subsidiary provided funds to Yemeni atudents



Since 1998, the North American subsidiary has participated in the Yemen International Student Scholarship Program to help students there obtain higher education degrees. Up to 2018, The North American Subsidiary Yemen Scholarship Scheme had awarded 130 scholarships and benefited 117 students. Awardees have obtained degrees in various fields including Information Technology, Engineering, Business and Medicine.

The North American subsidiary raised \$30,000 in its annual cycling activity

In August 2018, the North American subsidiary participated in a cycling activity, raising about US\$ 30,000 for the Calgary Heart and Stroke Foundation. The subsidiary has participated in large-scale cycling events for five years. Senior leaders such as Mr. Quinn Wilson, CEO of the North American subsidiary, and Ms. Geng Jie. Senior Vice President, took part in the activity. By the end of 2018, the subsidiary had raised more than US\$ 133,000 through the annual event for medical research on heart disease and strokes, helping more than 45,000 patients each year.







Employee Volunteers

CNOOC Limited regards employee volunteer activities as an important way for the Company to fulfill its social. responsibilities and strengthen stakeholder communications. In 2018, a number of subsidianes of the Company organized employee volunteer activities, including caring for students and environmental protection, to spread the social responsibility concept among employees and enhance employee identity with the Company.

Various environmental protection activities forging the Company's Blue Force

Every year, all units of the Company carry out environmental protection activities themed as the "Blue Force". Activities take various forms to act out the theme, displaying that the Company is taking responsibilities and making commitment to protecting the marine environment. In 2018, volunteers from the Company went to schools, beaches, and museums to spread the idea of environmental protection and demonstrate the "Blue Force" forged by CNOOC Limited.

Every year, volunteers from the Tianjin branch give environmental protection lectures, release marine animals and clean beaches. In October 2018, the Tianjin branch invited near 190 leachers and students from the elementary and middle schools in Belling and Tianjin, 50 representatives from Tianjin University and 100 young volunteers to participate in the 7th Coastal Environmental Protection Activity, in which volunteers experienced and spread the concept of "Blue Bohal".

The Zhanjiang branch organized "Blue Force" youth volunteer activities to promote calligraphy and offshore petroleum science in class. In October 2018, the Zhanjiang branch recruited over 20 volunteers from the Zhanjiang Municipal Party Committee Publicity and Communications Department and Zhanjiang Youth Californian Association to teach calligraphy to 600 students from 13 classes at Haldong Primary School. Also, we organized 60 leachers and students to visit the Nanyou Underground Palace and rock core repository.

. In November 2018, employees of the Shenzhen branch organized a "Blue Force" charity activity in Dingtal Experimental Primary School In Nanshan District, Shenzhen. The volunteers deepened the students' understanding of the offshore oil industry with physical models and educational science videos.

In June 2018, on the eve of World Oceans Day, five "Blue Force" volunteers from the Sharighai branch came to Interpret marine life science at the Shanghai Natural History Museum to Shanghai residents and students from primary and secondary schools. Volunteers also appealed to the public to protect the ocean and care for the natural environment.

During the "Let Feng Month" in 2018, the "Blue Force" volunteer team of the Beijing Research Center visited Bailiaguan Primary School in Yangyuan County, Zhangilakou to donate 15 bags of ciothing and 11 boxes of books and stationery. They also discussed future ald plans with the school and Education Ald Office of the local Education Bureau. in November 2016, Beijing Research Center again donated six boxes of spare clothes, chlidren's books and daily necessities, as well as some stationery purchased using employee donations, to Baljiaguan Primary School. Three of the volunteers gave 3 lectures to left-behind children whose parents work away from their hometown, introducing geographic and biological knowledge of oceans, oil and gas formation processes, offshore oil and gas development and mining methods to the class.



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The Zhanjiang granch organized Blue Forces activity to eventote callgoody



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Five Kills Porce" volumieers interpreted at the Etterrarted Associate Human Advertised

The Southeast Asian subsidiary planted trees on World Environment Day

On World Environment Day in 2018, HCML once again demonstrated its commitment to the environment and sustainability by planting 12,000 mangrove seedlings on the shores of Samare in the Pasruan Regency District of East Java - an annual event of HCML on World Environment Day since 2014. Since then, HCML has altogether planted 20,000 mangrove seeds along the coast of Semare Village, including 8,000 seedlings planted in 2017.

The Zhanjiang branch initiated a variety of volunteer activities



Stood donations

In 2018, 449 employees of the branch voluntarily donated blood, with a total of 134,700 ml collected. The branch was recognized as an advanced unit for blood donation in Guangdong Province and Zhanjiang City.

Alot activities with Class Water Blue Sky Volunteer Association

In December 2018, the branch joined the Clear Water Blue Sky Volunteer Association to organize charity activities for the elderly. During the event, the volunteers visited nine seniors and three orphans, bringing care and happiness to them in winter.

Carring for childrenit.

The branch organized visits to more than 1,000 teachers and students in four kindergartens in the drilling area. In 2018, the branch made donations worth nearly RMB 40,000.

Volunteers from the Shenzhen branch participated in beach-cleaning

On World Environment Day on June 5, 2018, volunteers from the Shenzhen branch participated in a Shenzhen Bay volunteer beach-cleaning event. They cleaned up "white trash" which was not fully biodegradable, contributing to the environmental protection of the Bay Area





Prospects



Looking into 2019, the international and domestic macro-environment will be complicated and volatile. The global crude oil market will proceed with fluctuation. Under the new trends, CNOOC Limited will firmly adhere to the path of high-quality development, and fully commit to providing clean, reliable and stable energy to society.

With the goal of building a world-leading energy company, we will continue to further step up our efforts in oil and gas exploration and production. Adhering to our low-carbon development strategy, natural gas development and more opportunities of renewable energy such as offshore wind power will be explored. Our progress on digital transformation is accelerating to enable us to develop new driving forces for industrial growth and enhance our comprehensive value in the economy, environment and society.

In the year of 2019, the Company will continue to take health, safety and environmental protection as our top priority, abiding by the core HSE value of "Safety First, Environment Paramount, People Orientation, and Equipment Integrity". We will further improve the safety management system and safety culture building and have the safety production responsibility rest on everyone's shoulder. Prevention and control of safety risks in key areas. important operational processes and major issues will be enhanced to lay a firm foundation for safe production.

As a driving force of sustainable development, we always give priority to environmental protection and green development, and implement the idea of low-carbon development throughout the life cycle of oil and gas exploration and production. We will promote energy conservation and emission reduction through continuous technological innovation and management upgrades to establish a full-scale low-carbon management system. Meanwhile, we will strengthen water management and improve water consumption efficiency, attach much importance to the bio-diversity protection around our operation areas and actively fulfill our environmental responsibility through diverse endeavors.

As for social responsibility, we will consistently uphold the philosophy of win-win cooperation, to implement a transparent and efficient corporate governance, and continuously improve management standards for the mutual development of the Company and our stakeholders. Meanwhile, we will actively participate in community building, fulfill our social responsibilities and contribute to the long-term development of communities. We are and will be enforcing the strategy of mutual development with employees, and improve employees' sense of accomplishment, happiness and security, to achieve growth for the Company, employees and communities.

A new year starts, and the world is rejuvenated. Standing at the new starting line of high-quality development, CNOOC Limited will start a new journey towards development of green and low-carbon energy with determination and courage. With our continuous hard works and efforts, we look forward to writing a new chapter on the "dreamseekers" of offshore oil.



Key Performance Data

Indicator	2016	2017	2018
Total assets (million RMB)	\$37,651	\$17,218	678,779
Net assets (million RMB)	382,375	279,975	417,369
Total revenue (million RMB)	146,490	186,390	226,963
Net profit (million RMS)	637	34,677	\$2,688
Tax payment ¹ (billion RMB)	23.7	37.2	44.0
Earnings per share (RMB)	D,01)	0,55	1.18
Net production of the year ^b (million BCE)	478.9	470.2	47 <u>5.0</u>
Net proven reserves (billion BOE)	3.88	4.54	4.96
Dividend per share (HKD)	0.36	0.50	0.70
Crude of consumption (thousand tons)	3(3)9	323.2	324.1
Natural gas consumption (billion cubic meters)	1.733	1.766	1.881
Oleaei consumption (thousand fons)	25.1	29.3	29.4
Electricity consumption (million XVVII)	132	150	223
Shergy saving (tons of standard coal equivalent)	159,415	155,299	165.148
Comprehensive energy consumption per tan of production (tons of standard coal equivalent/ton)	0.047/0	0.0434	0.05%5
Direct GHGs (initian tons CO_equivalent)	8.735	7,736	7,345
ndirect GHGs (million tons CD ₂ equivalent)	0.360	0.093	0,136
Istal GHGs (million tons CO ₂ equivalent)	7.096	7.829	7.480
SHGs per ton of production (tons CO ₂ equivalentifien)	0.1200	0.1409	0:1328
von-hazaroous waste (tons)	94,647	16,490	13,970
azardous waste (tons)	20,101	22,325	29,425
Resh water consumption (million tona)	1.879	3,813	1.859
Tresh water consumption per taxi of production scubic meters/loci	0.0335	0.0332	0.0395
Nater saving (thousand tons)	ma	85	105
iumber of employees	19,436	19,030	18,312
fumber of female employees	2.514	2,605	2.846
Total Institutes (houre)	920,576	1,084,229	1,235,644
The rate of accupational health examination (%)	*00	100	100

1:Tax payment refers to paid-In tax in the year, including income tax, value-added tax, royalties, resource tax, etc. 2:Unless otherwise stated, all amounts of reserve and production in this report include our interests in equity investments.



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Independent Assurance Report

To the Board of Directors of China National Offshore Oil Corporation Limited (the "Board of Directors"):

We have been engaged by the Board of Directors of China National Offshere Oil Corporation Limited ("CNOOC Limited") 16 perform a limited assurance engagement on its 2018 Environmental, Social and Governance ("ESG") Report for the period from 1 January 2018 to 31 December 2018.

Responsibilities of the Board of Directors

The Board of Directors is responsible for preparing the 2018 ESG Report in accordance with Environmental, Social and Governance Reporting Guide ("ESG Reporting Guide") issued by Hong Kong Stock Exchange, and its presentation (including reporting guidelines, limitations, reporting data and relevant identification procedures).

The Board of Directors is also responsible for determining CNOOC Limited's objectives in respect of ESG performance and reporting, including identifying stakeholders and relevant material issues, establishing and maintaining appropriate performance management system and internal control system for obtaining performance information in the report, and maintaining sufficient. records.

Our Responsibilities

In accordance with the agreed terres with CNOOC Limited, we are responsible for performing a limited level of assurance engagement on selected data and performance claims ("the Subject Matter Information") in the 2018 ESO Report, and expressing a conclusion on the Subject Matter Information. Our work is only for the Board of Directors, and for no other nurposes. We do not assume responsibility or accept liability to any other person or third party for our work or the contents of this report.

Our Independence and Quality Control

We conducted our engagement in secondance with the independence and other ethical requirements in the Cosle of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants. We maintain a comprehensive system of quality control applying International Standard on Quality Control 1

Basis of Our Work

We conducted our work in accordance with International Standard on Assurance Engagements 3000. Assurance Engagements Other Than Audits or Reviews of Historical Financial Information issued by the International Federation of Accountants. We planned and performed our engagement to obtain all the information and evidences which we considered necessary to form conclusions.

Procedures, Scopes and Limitations of Our Work

Our work performed includes interviewing personnel responsible for the ESG Report, analysing information, and other steps to collect evidences. Specifically, our procedures include:

- · Interviewing management and stati responsible for the Subject Matter Information, to understand the process for determining the key stakeholders and material issues, and applicable controls
- Assessing the inclusion of the Subject Matter Information in . the ESG Report against requirements of the ESG Reporting Guide, and comparing the sampled original documents from Headquarter with the statements in the ESG Report.
- ٠ Establishing seknowledgement of Subject Matters regarding the 2018 ESG Report with CNOOC Limited to perform this limited assurance engagement.
- . Analyzing sampled data and performance claims, reviewing its consistency with our work results, and Assessing the effectiveness of the control on the ESG Report preparation procedure.

The extent of evidence gathering procedures performed is less than that of a reasonable assurance engagement and therefore a lower level of assurance is provided. Our work performed is not for the purpose of expressing an opinion on the effectiveness of CNOOC Limited's internal control.

We performed our limited assurance engagement at headquarter of . CNOOC Limited. We did not carry out such engagement at any other branches and subsidiaries of CNOOC Limited, nor interview with external stakeholders. Moreover, historical data and financial information are not within the scope of our work.

Our Conclusions

Based on our work performed, nothing has come to our attention that would lead us to believe that there is any material misstatement related to the Subject Matter Information in CNOOC Limited's 2018 ESG Report.

This is translation of the Chinese language version of the Independent Assurance Report. If there is any conflict between the Chinese and English version, the Chinese version and p



ESG Reporting Guide Index

Subject	Areas, Aspects, General Disclosures and KPIs	Locations in the Report	External Verification
A: Elwiron	ment		
Aspect A1	Entissions		
General di	sciosure	P41, P49-52	(Yes)
AL:	The types of emissions and respective emissions data.	P41	Yes
A1.2	Greenhause gas emissions in total (in toones) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	PSD	Yes
A13	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P41	Yes
A1.4	Total non-hazaroous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P41	Yes
A1.5	Description of measures to mitigate emissions and results achieved.	P49-P50	Styles (
A1.6	Description of how hazaroous and non-hazardous wastes are handled, reduction initiatives and results achieved.	P41	Yes
Aspect AZ	Lise of resources		
General di	sciosure	P42-P43, P47-P48	Yes
A2.1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or oit) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	P47	Yes
A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	P42	Yes
AZ.3	Description of energy use efficiency initiatives and results achieved.	P47-P48	Yes
A2.4	Description of whether there is any taske in sourcing water that is fit for purpose, water efficiency initiatives and results achieved.	P42-P43	YES
A2.5	Total packaging material used for finished products (in tonnes) and, if applicable, with reference to per unit produced.	NZA	NA
Aspect A3	Environment and natural resources		
General di	sclosure	P29-P30, P43-P45	Yes :
A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	P43-P46	Yes

Subject	Areas, Aspects, General Disclosures and KPIs	Locations in the Report	External Verification
A: Elwiron	meni		
AssectAt	Entissions		
General di	sciosure	P41, P49-52	(Yes)
SALE	The types of emissions and respective emissions data.	P41	Yes
A12	Greenhouse gas emissions in total (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	PSD	(Yes)
A13	Total hazardous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P41	Yes
A14	Total non-hazaroous waste produced (in tonnes) and, where appropriate, intensity (e.g. per unit of production volume, per facility).	P41	YES
A1.5	Description of measures to mitigate emissions and results achieved.	P49-P50	Yes
A1.6	Description of how hazaroous and non-hazardous wastes are handled, reduction initiatives and results achieved.	P41	Yes
Aspect AZ	Lise of resources		
General di	sciosure	P42-P43, P47-P48	Yes
A2:1	Direct and/or indirect energy consumption by type (e.g. electricity, gas or ott) in total (kWh in '000s) and intensity (e.g. per unit of production volume, per facility).	P47	Yes
A2.2	Water consumption in total and intensity (e.g. per unit of production volume, per facility).	P42	Yes
A2.3	Description of energy use efficiency initiatives and results achieved.	P47-P48	Yes
AZA	Description of whether there is any issue in sourcing water that is fit for purpose, water efficiency initiatives and results achieved.	P42-P43	Yes
A2.5	Total packaging material used for finished products (in formes) and, if applicable, with reference to per unit produced.	NA	NA
Aspect A3	Environment and natural resources		
General di	sclosure	P29-P30, P43-P45	Yes
A3.1	Description of the significant impacts of activities on the environment and natural resources and the actions taken to manage them.	P43-P46	Yes



Subject A	Areas, Aspects, General Disclosures and KPIs	Locations in the Report	External Verificatio
B: Society	8		
Employme	and Labor Standards		
Aspect B1	Employment		
General dis	ciosure	P56	Yes
B1.1	Total workforce by gender, employment type, age group and geographical region.	PSE	Yes
812	Employee turnover rate by gender, age group and geographical region.	P56	Yes
Aspect 62	: Health and sately		
General dis	ciosure	P35, P63	Yes
B2.1	Number and rate of work-related fatalities.	P35	Yes
82.2	Lost days due to work injury	(226)	Yes
82.3	Description of occupational health and safety measures adopted, how they are implemented and monitored.	P63	Yes
Aspect 63	Development and training		
General dis	closure	P59-P61	Yes
B3.1	The percentage of employees trained by gender and employee category (e.g. senior management, middle management).	PSB	Yes
B3.2	The average training hours completed per employee by gender and employee category.	P61	Yes
Aspect B4	Labor guidelines.		
General dis	closure -	PSS	Yes
PA-1	Description of measures to review employment practices to avoid child and forced labor.	PSS	Yes
84.2	Description of steps taken to eliminate such practices when discovered.	Sec.	NA
Operationa	Anna 120-5		
Aspect 55	Supply chain management		
General dis	closure	P16	Yes
85.t	Number of suppliers by geographical region.	P16	Yes
85.2	Description of practices relating to engaging suppliers, number of suppliers where the practices are being implemented, how they are implemented and monitored.	P16	Yes
Aspect B6	Product responsibility		
General dis	ciosure	P14-P15	Yes
B6.1	Percentage of total products sold or shipped subject to recalls for safety and health reasons.	(774)	N/A
86.Z	Number of products and service related complaints received and how they are dealt with.	P15	Yes
B6.3	Description of practices relating to observing and protecting intellectual property rights.	P14	Yes
B5.4	Description of quality assurance process and recall procedures.	P15	Yes

Subject #	Areas, Aspects, General Disclosures and KPIs	Locations in the Report	External Verification
86.5	Description of consumer data protection and privacy policies, how they are implemented and monitored.	R	NA
Aspect 87	. Antr-comuption		
General dis	iclosure	P26	Yes
67.t	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.	a:	NA
87,2	Description of preventive measures and whistle- blowing procedures, how they are implemented and monitored.	P28	Yes
Community	C.		i i i
Aspect 88	. Community Investment		
General dis	iciosure	P67-P76	Yes
BB.1	Focus areas of contribution (e.g. education, environmental concerns, labor needs, health, culture, sport).	P67-P76	Ves
B8.2	Resources contributed (e.g. money or time) to the focus area.	P67-P76	Yes

Feedback

Dear readers,

Thank you very much for reading the 2018 Environmental, Social and Governance Report of CNOOC Limited. We attach great importance and look forward to your feedback on CNOOC Limited's management, practice and report related to environmental, social and governance. To further improve our work and make the next report better meet your expectations, we hope that you will give feedback and suggestions in the following aspects.

1.Are you satisfied with the overall report?
□ Satisfied □ Acceptable □ Not satisfied

Is the information you care about presented in this report?
 □ Satisfied □ Acceptable □ Not satisfied

3. Do you think CNOOC Limited's environmental protection, social compliance and corporate governance and the impact on stakeholders are accurately presented in this report?

 Satisfied
 Acceptable
 Not satisfied

4. Can you easily find the information of interest in this report?

Satisfied Acceptable Not satisfied

Open question

Please write down your comments and suggestions on CNOOC Limited's environmental protection, social compliance and corporate governance, as well as on this report.

Your contact information

NameI	Company:	Address:
Tel.:	Email:	Fax:

Please mail the above information to the following address:

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We will give due consideration to your comments and suggestions, and promise to protect your information

from being accessed by third parties.



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