



中国海洋石油总公司
CHINA NATIONAL OFFSHORE OIL CORP.



2015 SUSTAINABILITY REPORT

Our Quality Energy
for Your Blue Sea & Sky

REPORT INTRODUCTION

This annual Sustainability Report of China National Offshore Oil Corporation, which is the eleventh since 2005, is an accurate reflection of our fulfillment of economic, environmental and social responsibilities in 2015. Below is some pertinent information about the report:

Reporting Entity: China National Offshore Oil Corporation.

Alternative Reference: China National Offshore Oil Corporation is herein also referred to as CNOOC, the Company, the Corporation, “we”, “our” or “us”.

Reporting Period: 1 January to 31 December 2015. In order to ensure the continuity and comparability of the information disclosed, the applicable period for certain information may be extended forward or backward accordingly.

Reporting Cycle: This report is an annual report.

Reporting Principles: To meet the needs of stakeholders and the general public by disclosing key information of the Company in a true, objective, timely and comprehensive manner.

Data: All 2015 data disclosed herein are annual statistics. In case of discrepancies with the data in the annual report, the latter shall prevail. Unless otherwise specified, all amounts are expressed in Renminbi (RMB).

Reporting Scope: Unless otherwise specified, all information disclosed in the report is from official documents, statistical reports and reports of responsibilities fulfillment of CNOOC and our subsidiaries, and it has been reviewed by our management, supervision department and the various subsidiaries. Moreover, the information about management framework of CNOOC, management process for sustainable development, and our subsidiaries is available on the Company’s website at www.cnooc.com.cn and sustainability and annual reports over the years.

Improvements: This Sustainability Report 2015 is presented with the theme of “Our Quality Energy for Your Blue Sea & Sky” and three issues of “Promoting Economic Growth, Enhancing Environmental Protection and Driving Social Progress” to demonstrate CNOOC’s sustainable development. In addition to releasing the “CSR Report Overseas” separately, four major topics about the social responsibility are highlighted in the report: “Our Quality Energy for CNOOC Responsibility”, “Low Carbon Activity for Green Strength”, “Maintaining Female Rights and Interests for CNOOC Flowers”, “Carrying out ‘The Belt and Road Initiative’”.

References: This report is prepared in accordance with the “Ten Principles” of United Nations Global Compact; the *Guidelines to the State-owned Enterprises Directly under the Central Government on Fulfilling Corporate Social Responsibilities*, issued by the State-owned Assets Supervision and Administration Commission of the State Council of the People’s Republic of China (SASAC); *Sustainability Reporting Guidelines (Version GRI4.0)* of the Global Reporting Initiative (GRI); the *Oil and Gas Industry Guidance on Voluntary Sustainability Reporting (2010 2nd edition)*, jointly produced by the International Petroleum Industry Environmental Conservation Association (IPIECA) and the American Petroleum Institute (API); the *Corporate Social Responsibility Reporting Guidelines in China (CASS-CSR3.0)* by the Corporate Social Responsibility Research Centre of the Chinese Academy of Sciences; and the ISO 26000 Guidance on Social Responsibility (2010 edition) by the International Standards Organization (ISO).

Language: This report is published in both Chinese and English. In case of discrepancies, the Chinese version shall prevail.

Accessibility: This report is available in print and electronic formats. The digital version can be downloaded from the Company’s website at www.cnooc.com.cn. To obtain a print version of the report, please email report@cnooc.com.cn.



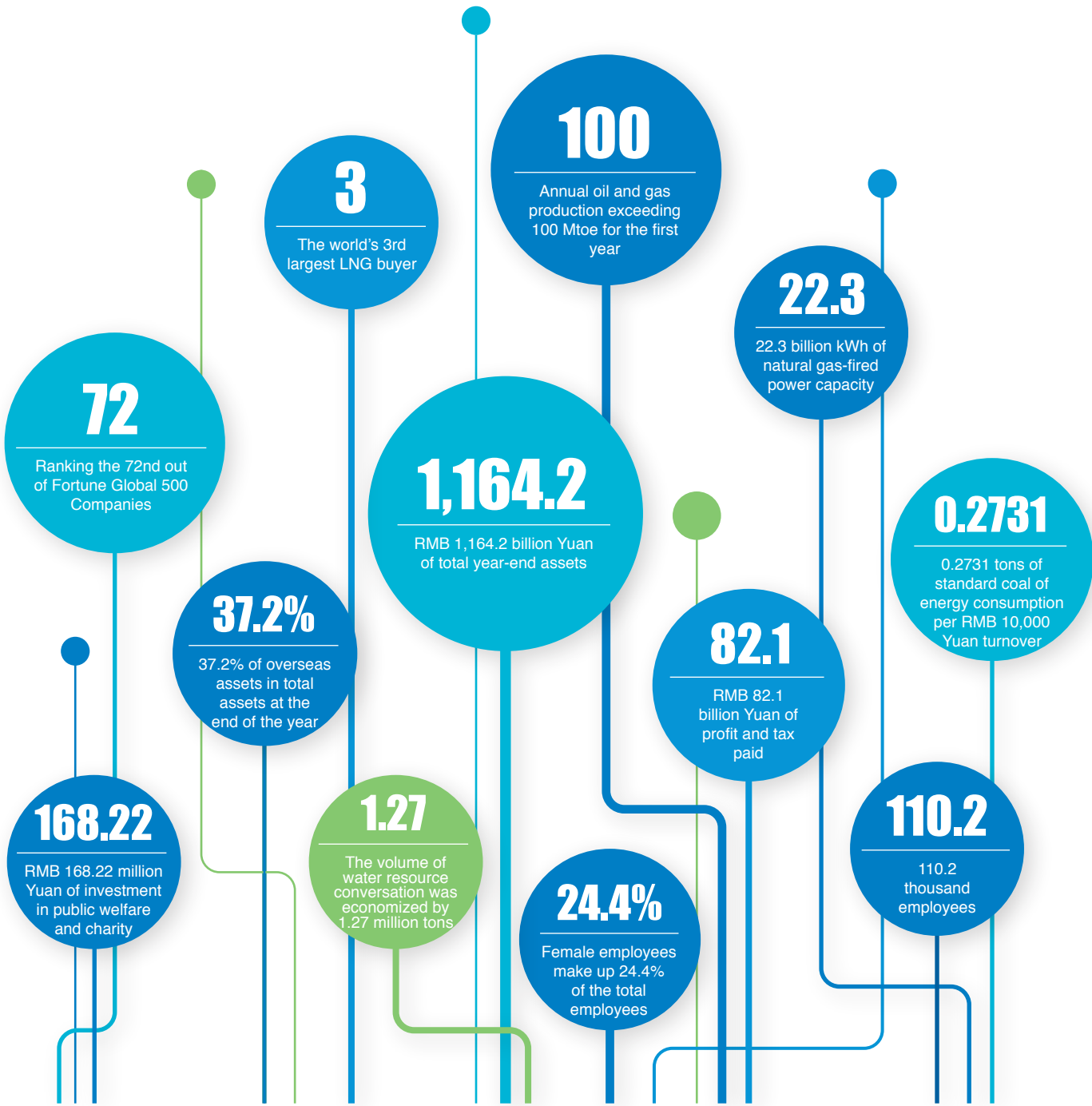
THE LOGO OF CNOOC

The corporate logo of China National Offshore Oil Corporation (CNOOC) encompasses the basic design elements comprising the letters that make up the Company’s initials CNOOC, enclosed by the blue curves and ripples that represent China’s seawaters. The design in red, formed by the capital letters CNOOC, depicts an offshore drilling rig silhouetted against the rising sun, symbolizing prosperity in China’s offshore oil industry.



ABOUT THE COVER

General Supervisor of Eastern South China Sea “Liwan3-1” Platform is instructing Chinese and foreign staffs in HSE



DATA OF CNOOC



CHAIRMAN'S LETTER

Dear all:

In 2015, against the backdrop of slow world economy recovery, weak energy demand and low international oil price, CNOOC, a member of UN Global Compact and a leading promoter for China's "Energy Revolution", is adhering to the Ten Principles of Global Compact, adapting to New Normal and recognizing new industry trend. CNOOC has been facing and coping with difficulties, with an in-depth understanding of essence and content of "Energy Revolution". CNOOC will carry on the work in a safer, more environment-friendly and efficient way, with more prominent operation, to achieve balance among economic growth, environmental protection and social progress, concentrating on "Energy for All" for human beings.

Contributing quality energies and practicing economic responsibility. CNOOC is dedicated to contributing quality energies and practicing economic responsibility, actively coping with world weak economy and serious challenge of sharply decreased international oil price at the end of the "12th Five Year Plan" period, achieving remarkable results in the ability of ensuring energy supply, industry and value chains, internationalized operation, sci-tech innovation and transformation of industry. During the "12th Five Year Plan" period, we accumulatively produced 310 million tons of crude oil, 101.5 billion m³ of natural gas, imported 61.87 million tons of LNG (Liquefied Natural Gas), refined 150 million tons of crude oil, respectively increasing by 73%, 86%, 179% and 89% compared with the "11th Five Year Plan" period; and accumulatively obtained RMB 2.6428 trillion Yuan of operating income, RMB 468.9 billion Yuan of total profit, and RMB 584.6 billion Yuan of profit and tax, respectively increasing 2.5 times, 1.4 times and 2.2 times. In 2015, the oil and gas supply capability created a new record, with annual oil and gas production exceeding 100 Mtoe for the first year.

CNOOC realized localization of core technologies, including “Snake” drilling technology and seabed sand prevention tools, constantly explored fundamental study on the new-type strategic green ocean energies. Several significant projects won the national award. At the end of the “12th Five Year Plan” period, total assets are RMB 1.1642 trillion Yuan, with 12.8% of annual growth rate. Our position in the Fortune Global 500 increased to 72nd in 2015 from 162nd in 2011, up by 90 in five years.

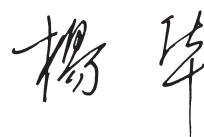
Low carbon activity for green strength. Being a responsible international energy company, CNOOC responds to Paris Agreement, actively copes with climate change, and participates with China’s “Energy Revolution”, providing clean energy, such as natural gas and its products and service. We actively research the road to harmonize energy development and environmental protection, strengthen water resource management and protect biodiversity, integrate itself into the daily operation. During the “12th Five Year Plan” period, CNOOC put RMB 1.75 billion Yuan into energy conservation and emission reduction, with constantly decreasing energy consumption per RMB 10,000 turnover and evident effective energy conservation and environmental protection, effectively promote the ability of low carbon and green growth, contributing its positive power for global energy transformation.

Humanitarian for social responsibility. We adhere to the principle of “people-oriented”, insist on integrating its social responsibility with development strategy and daily operation, share developmental outcomes with staffs and society, and ensure the improvement of long-term value of stakeholders. We expand supports to needy employees, carry out various caring staffs activities, and jointly build “Harmonious CNOOC”. In 2015, we continue to promote the humanitarian engagement, and invest RMB 168.22 million Yuan, increasing by 44% compared with 2014. We actively guide the voluntary service of staffs, establish the periodic communication with community, listen to rationalization proposal of local governments and community residents, and make efforts to pay back with our development, achieve remarkable results of social responsibility management, and continuously enhance social influence. We were awarded the “Prize for Best Social Communication and Innovation” at the Annual Meeting of Chinese Enterprise Sustainability Competitiveness 2015. Our position in Annual Report of Chinese Enterprise Social Responsibility 2015 is second, ranking first in state-owned enterprises.

Deeply integrate with global economy and join hands for stably developing long term. We actively give play to the role of expanding overseas business in local social and economic development, with business across 30 countries and regions, overseas assets accounting for 37.2% of the total assets. We expand international corporation space, carrying out “the Belt and Road Initiative”; strictly abide by the laws and regulations of countries and regions in which overseas businesses are located with compliance operations; emphasize improving safety emergency capability of overseas projects to ensure “intrinsic safety” of overseas project; carry out sci-tech activities in the light of local conditions to improve local resource development ability and overall scientific research level of oil and gas industry; extensively organize and participate local environmental and biodiversity protection activities, and strive to be benchmarking enterprise of protecting environment of local communities; concern about the career development and health of overseas staffs; set the model of overseas outstanding employee, and create the tolerant, equal, mutual trust, cooperative and friendly work atmosphere; constantly increase localized purchase rate, and improve the coordination mechanism of periodic communication, and build the soul bridge connecting with community residents through humanitarian, and donations to schools.

In 2016, CNOOC will face unprecedented challenge from low oil price and New Normal. We will face challenges and responsibility in offshore oil industry, fulfill the development principle of “innovation, coordination, greenness, openness, shareness”, focus on quality and benefit, and fulfill the social responsibility, striving to be a world-class energy company with Chinese characteristics.

Healthy and sustainable development is the only road to build a world-class energy company with Chinese characteristics. During tackling the tough conditions, we look forward to working together with friends, gathering our morale to overcome adversity, and achieving the goal in the Energy Revolution.



Chairman Yang Hua
March 25, 2016



PRESIDENT'S LETTER

Dear all:

Given the severe situation of global oil and gas industry in 2015, CNOOC, actively fulfills our economic, environmental and social responsibilities in the three dimensions of "Promoting Economic Growth, Enhancing Environmental Protection and Driving Social Progress".

We make efforts to promote economic growth and improve safety in production. Ensuring energy supply is the most important indicator measuring CNOOC fulfilling economic responsibility. CNOOC actively copes with the serious challenge of low oil prices, insists on innovation-driven, enhances oil and gas exploration and development, and strengthens cost control through various measures, ensuring the safe energy supply. In 2015, we made a significant breakthrough in oil and gas exploration and a new record of oil and gas production, with 79.7 million tons of crude oil and 25.1 billion m³ of natural gas. We constantly enhance clean energy supply capability, importing 13.16 million tons of LNG and producing 22.3 billion kWh of natural gas-fired power. Sci-tech innovation reached a new stage, "Key Technology Application of Offshore Heavy Oil Polymer Flooding" received the second prize of the State Scientific and Technological Progress Awards. Around significant scientific research projects, 12 core technologies with own intellectual property rights have formed, such as rotary steering drilling and heavy oil chemical flooding, a batch of new technologies, such as sand prevention technology for well completion, were applied in production, and a complete breakthrough of application of drilling and completion fluids, cement system and cementation technologies in deep water, ultra deep water, high temperature & pressure and high sulfide areas was made. We maintained a stable situation of safe production, seriously learned and fulfilled Law of the People's Republic of China on Work Safety, organized self-

inspection of safe production, evaluated safety environmental compliance and operability, strengthened safety and legal thinking; organized the special safety inspection of oil and gas, oil field chemical, dangerous chemical and inflammables and explosives.

We vigorously enhance environmental protection and promote low carbon and green growth. We uphold the development concept of “green, low-carbon, clean and circular economy”, pursue a “resource-saving and environment-friendly” enterprise, striving for sustainable enterprise and environmental development. In 2015, we implemented the Environment Protection Law, continued to strengthen whole-process environmental protection management; vigorously promoted the cooperation with the countries and regions where we operated and internationally known oil spill emergency response organizations, and established global emergency response system; extensively promoted green management, and realized energy conservation and consumption reduction. We actively coped with climate change, constantly strengthened inspection of greenhouse gas emission in operational field, and actively promoted fulfillment of carbon trading in China’s pilot area; constantly studied the technology of monitoring, reduction and utilization of greenhouse gas emission, promoted the development of carbon assets management, and achieved active progress in reduction of carbon dioxide emission. A significant progress was achieved in water resource management, and we were striving to increase the management and utilization efficiency of water resource and comprehensive governance and recycle of sewage, with 1.27 million tons of conserved water resource. We continue to promote the whole-process energy conservation, with significant reduction of emission of main pollution, such as sulfur dioxide and nitrogen oxides, and 0.2731 ton of standard coal equivalent of energy consumption per RMB 10,000 turnover. The Company also played an active role in ecological protection projects, such as China’s inshore enhancement and releasing, plant of mangrove forest and corals, collection and evaluation of intertidal shellfish germplasm resources in the Bohai Area.

We actively promote social progress and share development outcomes with staffs and society. We pay close attention to staffs’ interests and development, actively support humanitarian engagement, community construction and voluntary service, and strive to repay the society with developmental outcomes. We uphold “people-oriented” philosophy, respect employees’ legitimate interests, concern their physical and mental health, expand their career development space and improve their working conditions to achieve the common development of the Company and the employees. The CNOOC Marine Environmental and Ecological Protection Public Welfare Foundation is intended to carry out charitable projects, including the targeted poverty alleviation and education aid, environmental protection support. We actively share the resource with community, operate periodical communication, co-build the community with residents.

We seriously practice overseas responsibility to construct the mutual trust with community and partners. We insist on compliance operation, emphasize safety and environmental protection, and actively promote economic growth, environmental protection and social progress in the country where the businesses are located, increase the localization rate of oversea staff to 85%, providing more quality resources and employment opportunities. We actively participate in community charity, support voluntary activities, and promote environment improvement and cultural development. This has brought trust and respect from both community residents and partners.

Dear friends, we harvested cherishing, support and trust in 2015. Looking forward to 2016, oil and gas industry will be full of challenge and hope. In the new year, we will double our effort to promote economic growth, environmental protection and social progress with more excellent operation, and fulfill the “Energy for All” in a safer, more environment-friendly and efficient way.



President Liu Jian
March 25, 2016

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Our Vision

Energy for All

Operational Philosophy

- People-oriented
- Responsibilities
- Win-win benefits
- Credibility
- Innovation

Safe and efficient operations

Low carbon and green growth

People-oriented

Social Responsibility Ethos

Openness and transparency

Charitable giving

Courage to innovate



Driving Social Progress

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Stakeholders' Attention



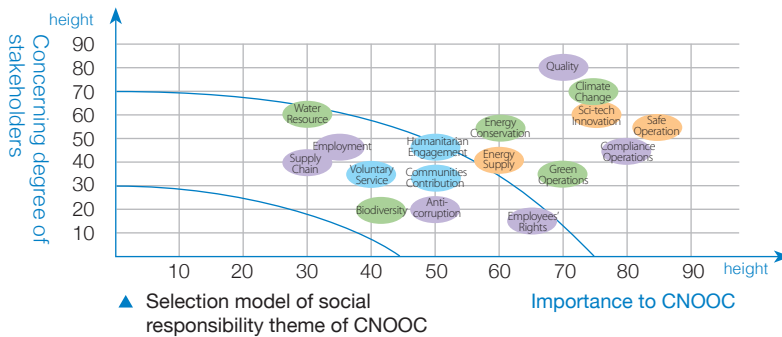
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Stakeholders' Attention



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Theme Recognition



Information Disclosure



ABOUT US

Company Overview

China National Offshore Oil Corporation, the largest offshore oil and gas producer in China, is a mega state-owned company operating under the control of the State-owned Assets Supervision and Administration Commission of the State Council of the People's Republic of China (hereinafter referred to as SASAC).

Headquartered in Beijing, CNOOC has, since our founding in 1982, become an international energy company with prominent primary businesses, a complete industrial chain, and business across 40 countries and regions after more than 30 years of reform and development. The five formed main business segments of the Company are oil & gas exploration and development; professional technical services; refining sales and fertilizers; natural gas and power generation; financial services. The Company's ability in sustainable development has been considerably raised. In 2015, our positions in the FortuneGlobal 500 and Petroleum Intelligence Weekly (PIW)'s World's Top 50 Oil Companies were 72nd and 32nd, up by 7 and down by 1 from the previous year. By the end of 2015, Moody's and Standard & Poor's rated the Company with credit ratings of Aa3 and AA-, and a stable outlook.

Strategy of Sustainable Development

Being a responsible energy company, CNOOC regards three elements "economy, environment and society" as the most solid cornerstone for energy development and value contribution.

Adhering to our corporate vision "Energy for All", insisting on our philosophy "people-oriented, responsibilities, win-win benefits, credibility and innovation"

and our ethos in "safe and efficient operations, low carbon and green growth, people-oriented, courage to innovate, charitable giving, openness and transparency", we systematically built a CSR model consisting "economic growth, environmental protection and social progress". The daily operation of the Company is integrated with the vision and strategy of sustainable development in different tiers. Moreover, through benchmarking with the global business leaders and comparing with historical data on our Sustainable Development Index, we could evaluate, adjust and improve the effectiveness and results of our sustainability strategy accordingly and promptly.

As a participant of the United Nations Global Compact, CNOOC has always been following the Ten Principles and is dedicated to excellent operations and management in a safer, more environment-friendly and more efficient manner. CNOOC is always striving for a balance among economic growth, environmental protection and social progress.

Compliance Operation

We constantly strengthen the risk management, actively cultivate the compliance culture. Operation based on the policy and procedures is fundamental to enterprise operation, and the concepts of compliance operation and risk management enjoy popular support.

The Company, constructs three defence lines based on functional departments and management of business unit, risk management office and auditors; references Enterprise Risk Management – integrated framework from COSO (The Committee of Sponsoring Organizations of the

Treadway Commission), aims at the requirements of "strategy, operation, reporting and compliance", formulates the risk management plan; integrates risk management concept into internal control system construction and solution of major risk, promoting all staffs participation, whole-process control and comprehensive supervision with responsibility entity of business units, risk management and internal supervision agencies.

Internal Audit

In 2015, 396 internal projects, 1,406 audit findings and 793 audit advices were completed. The audit reduced RMB 96.87 million Yuan of cost of Company's investment projects, and joint domestic and foreign account book auditing deleted USD 7.04 million. At present, the internal control of Company is operated in a good condition, with constantly effective risk management system.

Ethics

The Company constantly advances the establishment of the anti-corruption integrity policy. We established a sound multi-agencies coordination working mechanism, forming an anti-corruption entity and strengthening the line punishing and preventing corruption. We improve supervisory setting and establish a separate supervision unit in headquarters and affiliated companies, strengthening the Company's entire investigation. In 2015, the Company received 1,056 complaint reporting letters, adhered to "dealing seriously and tightly in early period and when it is small case", and seriously dealt with cases violating the laws and the Company's regulation.

KEY PERFORMANCE INDICATORS

	Item	2013	2014	2015	2015 National Data	Source of National Data
Economic Growth	Crude Oil Production (10,000 tons)	6,684	6,868	7,970	21,474	NBS
	Yield of Natural Gas (hundred million m ³)	200	219	251	1,271	NBS
	LNG Imports (10,000 tons)	1,301	1,411	1,316		
	Crude Oil Refining Capacity (10,000 tons)	2,961	2,845	3,262		
	Crude Oil Trading Volume (10,000 tons)	3,894	4,951	5,616		
	Fuel Oil Production (10,000 tons)	730	672	576		
	Ethylene Production (10,000 tons)	103	103	90	1,715	NBS
	Methanol Production (10,000 tons)	157	155	156		
	Fertilizer Production (10,000 tons)	370	380	418	7,627	NBS
	Natural Gas-Fired Power Capacity (100 million kWh)	152	177	223	1,658	China Electricity Council
	Direct Contractor Casualties	5	2	2		
	Employee Casualties	2	1	0		
	Recordable Injury Events (case)	99	64	72		
	R & D Investments (100 million RMB)	28	33	31		
	Science and Technology Employees (persons)	7,848	8,643	8,975		
	Granted Patents (awards)	765	833	999		
Environmental Protection	Energy Conservation and Emission Reduction Investments (100 million RMB)	2.8	4.3	2.9		
	Energy Consumption per RMB 10,000 Turnover (ton of standard coal equivalent)	0.2916	0.2841	0.2731		
	Energy Savings (10,000 tons of standard coal equivalent)	29.9	28.5	30.8		
	Sulfur Dioxide Gas Emission (tons)	16,060	12,376	8,844		
	Chemical Oxygen Demand (tons)	1,936	1,757	1,723		
	Nitrogen Oxides Emission (tons)	19,147	18,015	15,187		
	Ammonia Nitrogen Emission (tons)	491	448	149		
Social Progress	Staff Strength (10,000 persons)	10.8	11.5	11.02		
	Rate of Conclusion of Employment Contracts	100%	100%	100%		
	Rate of Social Insurance Coverage	100%	100%	100%		
	Percentage of Employees participated in Labor Union	100%	100%	100%		
	Employees' Satisfaction (10 scores)	7.66	7.82	7.74		
	Percentage of Female Employees	25%	23%	24%		
	Frequency of Occupational Disease	2	1	4		
	Rate of Physical Examination for Occupational Health	99.9%	99.8%	99.6%		
	Average Training Duration per Employee (hour)	95	87.5	81.3		
	Employee Turnover Rate	3%	2.6%	7.4%		
	Charitable Donation (10,000 RMB)	8,688	11,672	16,822		
	Profit and Tax (100 million RMB)	1,290	1,143	821		
	Number of Foreign Employees	8,982	9,041	7,664		
	Localization Rate of Overseas Employees	82%	86%	85%		

STAKEHOLDERS

Our stakeholders include the government, employees, shareholders, customers, industry partners, suppliers, contractors, financial institutions, media, communities and non-governmental organizations (NGOs), etc. We pay high attention to communication with stakeholders. By engaging with them in an open and transparent manner, we listen to their voices and take them into account when formulating and implementing our strategies, policies and plans. With their trust and support, we are able to achieve long-term and sustainable development. We pay close attention to concerns of the stakeholders, and communicate opinions and thoughts through visit, exchange between stakeholders, E-mail, telephone, international conference, periodic report, website, WeChat, microblog, etc. We hope to strengthen the communication and cooperation with stakeholders continuously, for the purpose of jointly promoting the harmonious development of the economy, environment and society.



In 2015, around the theme of “Our Quality Energy for Your Blue Sea & Sky”, we held several activities at home and abroad for communication with stakeholders in the three dimensions of “Promoting Economic Growth, Enhancing Environmental Protection and Driving Social Progress”, and opinions and suggestions from the stakeholders are also incorporated to give an active response to their concerns. We were awarded the “Prize for Best Social Responsibility Report” at the Annual Meeting of Chinese Enterprise Sustainability Competitiveness 2015. Our position in *Annual Report of Chinese Enterprise Social Responsibility 2015*, jointly published by Corporate Legal Research Center of Shanghai Jiaotong University and Research Institute of Political Science of East China University of Political Science and Law, ranks first in state-owned enterprises.



▲ Chairman Yang Hua met CEO of Shell Group of Companies Ben van Beurden



▲ President Liu Jian met the governor of British Columbia, Canada, Christy Clark



▲ Press Conference of CNOOC 2014 SUSTAINABILITY REPORT



▲ Symposium of CNOOC 2015 social responsibility management theme



▲ CNOOC communicated with Development Research Center of the State Council about relative policies



▲ CNOOC undertook the second strategic meeting of the Ninth National Oil Company Forum



▲ CNOOC Gas & Power Group held the symposium with senior managers designated by partners



▲ COSL communicated with the representatives of Arabian American Oil Company

PROMOTING ECONOMIC GROWTH

It is the responsibility and mission of CNOOC to contribute energy. Given the severe situation of the oil and gas industry, CNOOC, in order to achieve the economic goal of maintaining growth, actively copes with the serious challenge of low oil prices, insists on innovation-driven, enhances oil and gas exploration and development, and strengthens cost control through various measures, ensures the safe energy supply, attaches more importance to the development and utilization of clean energies like natural gas. The Company strives for realizing the corporate value with more diversified, greener and more environment-friendly energy products and services.

Stakeholders' Attention

- Active Implementation of National Policies
- Safeguarding the Security of the Nation's Energy Supply
- Ensuring Steady Supply of Energy to the Market
- Provision of High-quality Products and Services
- Achievement of Mutual Benefits and Win-win Relationship
- Corporate Governance
- Operational Performance
- Compliance Operation
- Information Disclosure
- Quality Brand

Our Actions

- P14 Special Topic:
Our Quality Energy for CNOOC Responsibility
- P16 Ensuring Energy Supply
- P22 Emphasizing Sci-tech Innovation
- P26 Intensifying Safe Operation
- P32 Improving Quality Management



Action Performance

Annual Oil and Gas Production

100 Mtoe

Sales Volume of Refined Oil Product

12.07 million tons

Newly-increased
Gas Stations

169

LNG Imports

13.16 million tons

Natural Gas-Fired Power Capacity

22.3 billion kWh

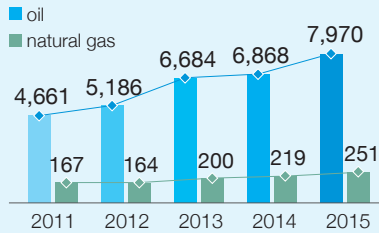
OUR QUALITY ENERGY FOR CNOOC RESPONSIBILITY

CNOOC is dedicated to contributing quality energies and practicing economic responsibility, actively coping with world weak economy and serious challenge of sharply decreased international oil price at the end of “12th Five Year Plan” period, achieving remarkable results in the ability of ensuring energy supply, industry and value chains, internationalized operation, sci-tech innovation and transformation of industry.

Marine Economy
Value Demonstration

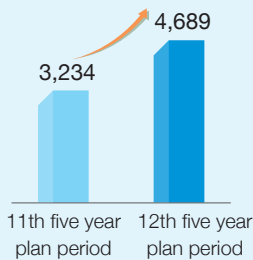
Oil and Gas Production

Unit: oil (10,000 tons)
natural gas (100 million m³)



Total Profit

Unit: RMB 100 million



Profit and Tax

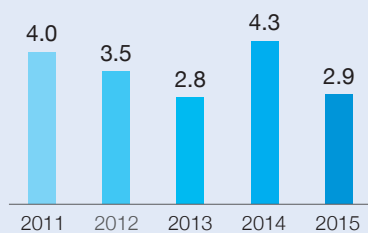
Unit: RMB 100 million



Green Operation for
Sustainable Development

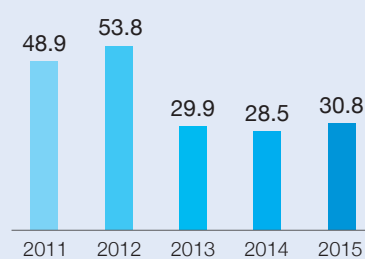
Investment in Energy Conservation and Emission Reduction

Unit: RMB 100 million



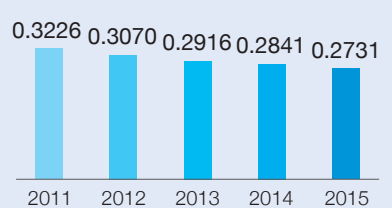
Energy Savings

Unit: 10,000 tons of standard coal equivalent



Energy Consumption per RMB 10,000 Turnover

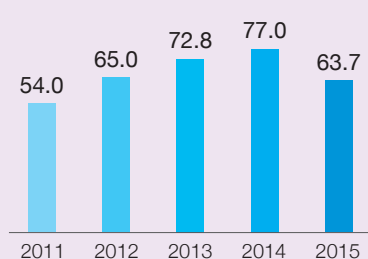
Unit: Ton of standard coal equivalent/
RMB10,000



Sci-tech Innovation
for Industry Development

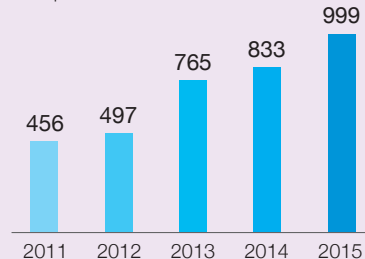
Sci-tech Investment

Unit: RMB 100 million

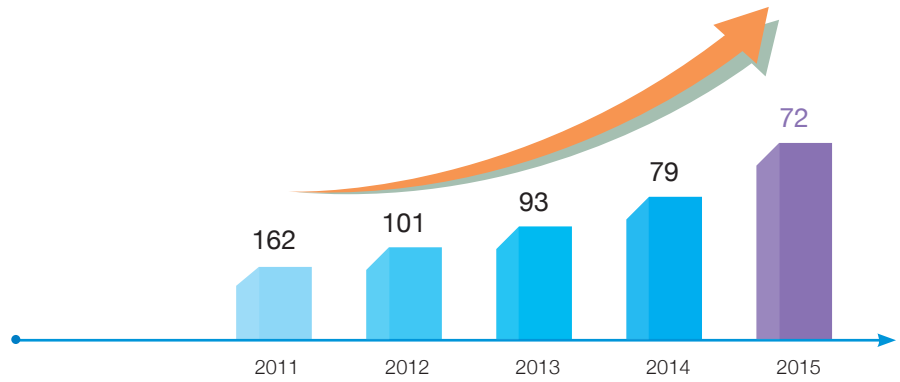


Sci-tech Patent

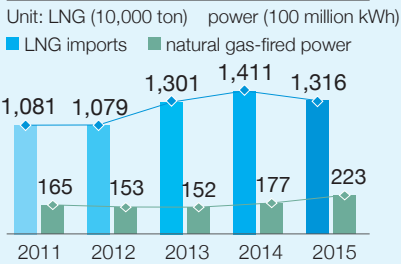
Unit: patent



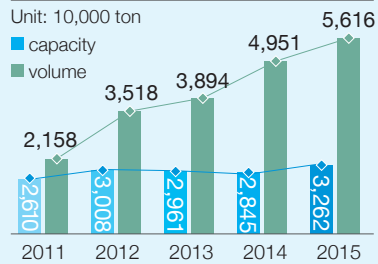
Rank of Fortune Global 500 Companies



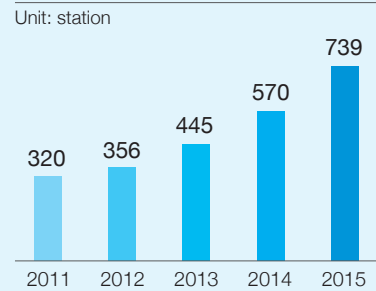
LNG Imports / Natural Gas-Fired Power Capacity



Crude Oil Refining Capacity / Crude Oil Trading Volume

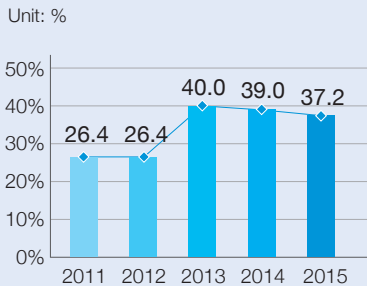


Gas Station

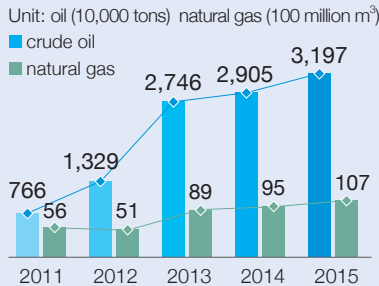


Basically completing mid- and downstream arrangement

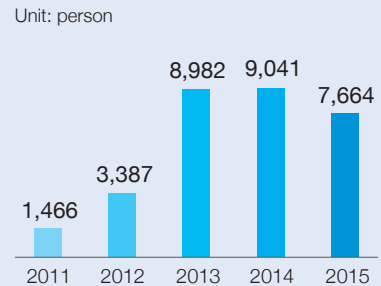
Proportion of Overseas Assets



Overseas Production



Foreign Staff



Steady Progress of Internationalized Operation

- Capability of conducting all-round exploration, development and production.
- CNOOC received the grand prize of the State Scientific and Technological Progress Awards for the project of “research, development and application of ultra-deepwater semi-submersible drilling platforms”.
- A significant progress was achieved in the construction of device and operation capability, building 57 deep water platforms and vessels, including “Hai Yang Shi You 981”, etc.



Constant breakthrough of deep water area

ENSURING ENERGY SUPPLY

Energy forms the important material basis for the survival and development of mankind, and is the present focus of international politics, economy, military affairs and diplomacy. Stable energy supply is indispensable for China's continuous and healthy economic and social development. In order to ensure energy supply and environmental sustainability, China is carrying out the reform of energy supply and accelerating the "substituting coal with gas" for energy transformation, and therefore the natural gas industry will face an unprecedented development opportunity.

CNOOC holds that expanding the use of clean energies will be an effective measure to build a "Beautiful China" and promote the social sustainability. Given the severe situation of the oil and gas industry in 2015, the Company, in order to achieve the economic goal of maintaining growth and actively cope with the serious challenge of low oil prices and the complex and changeable external situations, has stepped up efforts in exploring the conventional oil and gas resources, and continuously developed unconventional natural gas, such as the coalbed methane, shale gas and coal gas, and attached greater importance to the development and utilization of clean energies like LNG (Liquefied Natural Gas), striving for realizing the corporate value with more diversified, greener

and more environment-friendly energy products and services.

Oil and Gas Exploration

Under the guidance of the regional planning and seeking of medium and large-scale oil and gas fields, CNOOC integrated the exploration and development of new oilfields and put them into production quickly and favorably so as to harvest fruitful results in domestic and oversea exploration. In 2015, the Company continued to make positive progress in domestic independent exploration and successfully evaluated 20 oil and gas bearing structures, including "Caofeidian 6-4" and "Bozhong 34-9"; "Caofeidian 6-4", "Bozhong 34-9" and "Lvda 16-3/16-3 South" etc. are likely to become medium or large oil and gas fields; a significant progress was also made in the exploration of domestic onshore tight gas, and some exploratory wells integrating exploration and development were put into production in the same year.



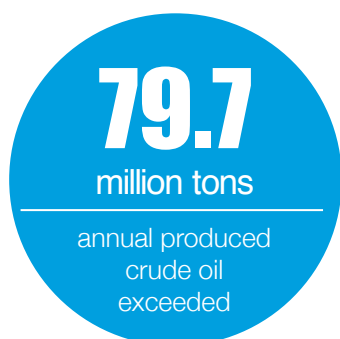
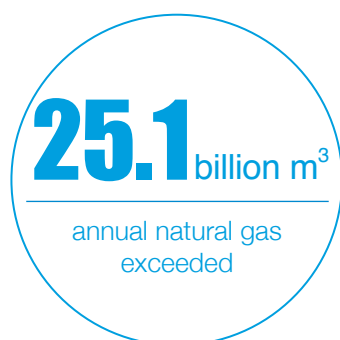
Newly found proven reserves in Bohai Oilfield account for 20% of the newly found proven reserves in China

In March, 2015, Ministry of Land and Resources of the People's Republic of China announced in 2014 reserve inspection meeting that the increased proven geological reserves had exceeding 1 billion tons for eight years consecutively. Increased proved geological reserves in Bohai Oilfield of CNOOC in 2014 ranks second in China, accounting for 20%, and so increased recoverable reserves do.



📖 Exploration in Western South China Sea Oilfield creates a brilliance

During the “12th Five Year Plan” period, a great progress was made in the exploration of the Western South China Sea Oilfield, with a large amount of exploration and high efficiency, and its reserve had increase greatly, with total 160 wells, 32 wells per year, 6 significant oil and gas discoveries, 11 newly discovered oil and gas fields, and the increased proven geological reserves exceeding that of the “10th Five Year Plan” period and the “11th Five Year Plan” period.



Oil and Gas Production

In 2015, CNOOC, produced 79.7 million tons of crude oil and 25.1 billion m³ of natural gas, with annual oil and gas production exceeding 100 Mtoe for the first year.

📖 Annual oil and gas production exceeding 100 Mtoe for the first year

In 2015, CNOOC deployed adjustment wells and workover wells, injected water and gas and acidification; vigorously promoted technological innovation, with evident effects of chemical flooding in decreasing water cut and increasing oil production, continuous breakthrough of heavy oilfield thermal recovery device, initiation of drilling of low-permeability projects; increased efforts on the development of unconventional oil and gas field. Annual oil and gas production exceeded 100 Mtoe for the first year.

📖 The oil and gas output of Western South China Sea Oilfield exceeded 10 million m³ for eight years consecutively

During the “12th Five Year Plan” period, Western South China Sea Oilfield, reasonably optimized and adjusted working system of oil and gas wells, with only 4.5% of annual composite decline rate, far less than planned 19.5%, and oil and gas production above 10 million tons for six years consecutively, creating the record of oil and gas production exceeding 10 million m³ for eight years consecutively.

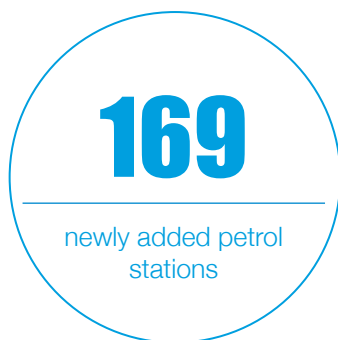
📖 The output of the Eastern South China Sea Oilfield substantially renewed the history record

Eastern South China Sea Oilfield conducted the fine analysis of oil field production performance, and obtained annual oil and gas production exceeding 15 Mtoe, increasing by 40% compared with 2014, hitting a record, and realizing annual oil and gas production exceeding 10 million m³ oil equivalent for 20 years consecutively.

📖 The central platform of “Bozhong 34-2/4” Oilfield succeeded in the first trial

On the early morning of June 28, 2015, CEPA torch of “Bozhong 34-2/4” Oilfield, the largest central platform of CNOOC Bohai Oilfield, succeeded in the first trial, which marks that another large oilfield was put into production. “Bozhong 34-2/4” Oilfield, a newly developed oilfield, has an annual oil and gas production capacity of 576 thousand Toe, and includes “Bozhong 34-2/4” CEPA central platform, “Bozhong 34-2/4” WHPB platform and “Bozhong 34-1” WHPF platform.





Service Network

CNOOC makes constant efforts to expand and improve its service network, so that clients can enjoy its products and service in a more convenient way. The Company attaches great importance to difference exploration in terms of constructing the service network, fully mobilizes the internal and external resources, constantly broadens the horizon of foreign cooperation, attaches importance to client information protection, continuously enhances the service capacity, and constantly improves the customer satisfaction, aiming at 100% of solution rate of customer complaint and realizing mutual benefit with clients.

Centered at the coastal region, the Company's service network spreads gradually to the central and western regions. The development and construction of service stations, gas stations, oil depots, LNG receiving terminal and natural gas pipeline networks are in progress. By the end of 2015, the Company has owned 739 service stations, 200 gas stations, 7 LNG receiving terminals, and 4,839 km onshore gas pipelines.

Petrol Supply Network

In 2015, the Company brought forth new ideas in marketing the refined oil, boldly explored the development modes and cooperation approaches of differences, arranged the service terminals by combining oil and gas, opened up an on-line marketing channel for refined oil, vigorously expanded low-cost cooperation modes of service stations, such as franchising and cooperative operation, and emphasized driving the organized corporation project, realizing rapid development of a marketing network for the refined oil products. Up to the end of 2015, the Company completed the upgrading national V vehicle gasoline and diesel, 12.07 million tons of refined oil were sold, and our fleet of service stations had an increase of 169, reaching a total number of 739.

The Company constantly increases product categories, and gradually expands our service network of asphalt, lubricants and fuel; the Company increasingly consolidates the traditional markets in Sichuan, Hubei, Anhui, Ningxia, Gansu, Shaanxi, Shanxi, Inner Mongolia, etc, actively explores new markets in Guangdong, Yunnan, Hainan, Guizhou, etc., and further improves the service network of asphalt, lubricants and fuel.

Actively open on-line trading of refined oil products

CNOOC Marketing Company successfully sold national V0[#] diesel in Shenzhen Petrochemical Exchange, which marks the first online sale of CNOOC's refined oil products. In the meantime, the company is adapted to "Internet+" trend, actively searches the cooperation with internet platform and mobile phone terminal platform, and carries out the retail marketing activities, such as mobile payment and group buying rebate, thus expanding market shares and brand influence.

CNOOC's diesel applied in public services in Beijing

CNOOC constantly strengthen the quality management, and our oil products are trusted by Beijing residents. In 2015, CNOOC Marketing Company provided 40,000 tons of high-quality and high-cleanness diesel for public services, such as Beijing public transportation, etc.

📖 Jet fuel produced by CNOOC assists the opening of navigation of the Huizhou Airport

CNOOC Oil & Petrochemicals Co., Ltd. Huizhou Branch (Huizhou Refinery) provides the Huizhou Airport with all jet fuel, ensuring the opening of navigation of Huizhou Airport on schedule. Huizhou Airport is the eighth airport after Shenzhen, Guangzhou, Sanya, etc, to apply our jet fuel.

CNOOC implements the customized service and special allocation and transport of jet fuel, assists common carriers in handling the pass, and provides the common carrier with safety education, receiving high appreciation from CNAF Shenzhen Chengyuan Aviation Fuel Co., Ltd.

📖 “Haijiang” lube entered high-tension transformer area

In 2015, CNOOC “Haijiang” lube for direct current transformer gets passport to electric industry, and formally steps into high-tension transformer area. The Company constantly improves the technique process, and further promotes the quality of lube, with 100,000 tons oil sale volume.

📖 Low temperature hydraulic asphalt been paved in the stadium of the 2022 Winter Olympics in Beijing and Zhangjiakou

High cold and water resistance of asphalt is required in 210 thousand m³ snow-making reservoir for the 2022 Winter Olympic Games in Beijing and Zhangjiakou, and the low temperature cracking temperature is -41 C. CNOOC (Tsingtao) Research Center provided the Winter Olympic Games with its customized low temperature hydraulic asphalt, and paved 7 cm thick protective layer in reservoir.



📖 Moveable service station entered park districts

CNOOC, being centered by the users, vigorously develops moveable skid-mounted service station, realizes point-to-point connection with users in parking lots, wharfs, diggings, logistics parks and other space, and users could fuel up without detour, largely reducing the cost and being favored by the users increasingly. The CNOOC skid-mounted service stations spread to Tianjin, Guangdong, etc.



Natural Gas Supply Network

Centered at the Yangtze River Delta, the Pearl River Delta and the Bohai region, the construction of the natural gas supply network is a continuous task for CNOOC to propel, which focuses on actively building the LNG receiving terminals, natural gas pipelines and gas stations, striving for opening up the coastal natural gas main artery and providing the sustainable economic development with clean energy. By the end of 2015, the natural gas business of CNOOC has been distributed in 78 prefecture-level cities in 24 provinces.

Strategic layout of LNG receiving terminals was basically finished. By the end of 2015, the LNG receiving capacity has reached 27.8 million tons/y. The Company steadily operates the constructed receiving terminals, smoothly promotes the progress of constructing receiving terminals, and actively carries out the layout in the Yangtze River Delta, the Pearl River Delta and the Bohai region, striving for consolidating the leadership in LNG industry.

CNOOC has stepped up efforts in marketing development. While maintaining the advantage of natural gas markets in South-East coastal areas, the Company constantly expands its business into northern and inland area, realizing the expansion from coastal region to inland and from first-tier cities to second-tier cities; strengthens the sale of LNG, leans towards small and medium end users, and establishes terminal marketing channel; rapidly develops LNG filling business, and continues its work for replacing the diesel with gas for inland waterway vessels, construction of LNG stations and LNG exemplary ships in the Yangtze River, Pearl River and Beijing-Hangzhou Canal, spreading to 19 provinces.

📖 Tianjin LNG receiving terminal faced gas consumption peak and transported warmth

Tianjin LNG receiving terminal, actively playing the advantage of LNG peak-load deployment in Northern China, strengthens resource deployment and enhances gas supply ability, with 8.82 million m³ per day, 2.2 times that of the corresponding period, effectively coping with the challenge of gas consumption peak in winter, and ensuring natural gas supply in central area of Tianjin.

📖 Fujian LNG receiving terminal provided million users with clean energy

Fujian LNG receiving terminal, in order to meet the needs of gas consumption of new users, newly built three sets of pipeline high-pressure transportation systems, doubling the transportation ability of pipelines after putting into production and ensuring continuous, safe and stable gas supply. Fujian LNG receiving terminal has accumulatively received and transported 18 million tons of LNG, providing clean energy to million users.

📖 Natural gas outer ring pipe network of the Pearl River Delta put into production

In 2015, a totally 621 km natural gas outer ring pipe network of Pearl River Delta was put into production and commissioned, marks the formation of multi-source supply, safe complementary gas supply of inner and outer ring pipe network in this area.

Natural gas outer ring pipe network of Pearl River Delta links Guangzhou, Huizhou, Dongguan, Qingyuan, Zhaoqing, Foshan, Jiangmen, Zhuhai, connecting with inner ring pipe network. 4 CNOOC natural gas sources and onshore natural gas sources from CNPC second West to East gas pipelines are transported through inner and outer pipe ring network, providing economic transformation and development of Pearl River Delta with continuous green force.

Supply Chain Management

CNOOC maintains a prudent manner and strict standards in terms of selecting suppliers and contractors, valuing much their concepts and actions in fulfilling the social responsibilities, such as implementation of HSE standard and labor standard, in addition to their product quality, service ability and business standing. CNOOC upholds the idea of “cooperation for win-win results and common development” and implements the concentrated, categorized and hierarchical management, shares information resource, strengthens training and supervision, and perfects the performance assessment, thus realizing a whole-process dynamic management on the supply chain, and ensuring 100% compliance of economic contracts.

▼ Fujian LNG Receiving Terminal



The Company, based on “open, fair and transparent” bidding principles, applies online and offline transaction, strengthens whole-process management in bidding admittance, product and service quality management, performance assessment and elimination of disqualified suppliers and contractors, preventing and solving the risk of supply chain. In 2015, the Company deleted 1,440 first and second level suppliers, because of violating the regulation, large risk and disqualified performance, and ensured 100% certification of quality and HSE management system of suppliers and contractors.

The Company strengthens the management of centrally purchasing materials, selects short list of suppliers for central purchasing through field inspection to establish strategic cooperation relationship with them, and establishes a stable strategic cooperation relationship with suppliers and contractors with long term excellent performance. The Company actively communicates with them about latest technological trend and management practice through daily meetings, business discussion and technical communication, thus laying the foundation for fair and open purchasing and win-win cooperation.

The Company, dedicated to national industry development, has successfully accomplished the localization of a number of key equipment and products by means of joint research and solution with research institutes and manufacturing enterprises, such as marine cranes, steel for large low temperature tanks, and umbilical cables, thus driving the development of national manufacturing industry.

Baohai Oilfield applied “sunshine purchase” and “green purchase”

In 2015, the Bohai Oilfield optimized purchasing management system, adhered to bidding with necessary conditions, increased the openness of market, practicing “Sunshine purchase” and “Green purchase” with green products and localized devices. We established an all-round cooperation platform with specialized technical service companies, based on investigation and selection of manufacturers, to realize the localization of key devices, such as main engine and crane, improving the technology and management level of partners.



We, as long-term supplier of CNOOC, have cooperated with them since 1993 and grown to a big company and gone overseas, driven by CNOOC, our oil well cement spreads to Papua New Guinea and Philippines.

—Zibo Zhong Chang Special Cement Co., Ltd.
Vice General Manager Ma Jie

Make an inventory of suppliers

In 2015, CNOOC Energy Technology & Services Limited had 4,818 suppliers, and deleted 502 suppliers and increased 440 suppliers based on business requirements and dynamic management process of suppliers. The stable and high quality suppliers ensure competitive and energetic purchase and safe supply of CNOOC Energy Technology & Services Limited.



EMPHASIZING SCI-TECH INNOVATION

The technological innovation is a strategic driving force for an enterprise's sustainable development. Serving as a global energy company, CNOOC is championing efforts to improve the sci-tech innovation system, encourage sci-tech development and innovation and explore new-type ocean energies continuously based on the oil and gas businesses and driven by the technological innovation, with a view to providing the clean energy for sustainable development of the economy, society and environment.

Technical Innovation

With greater efforts in tackling the hard nuts in science and technology, the Company realizes substantial growth in the oil & gas reserves and yields by means of technical innovation. The independently developed rotary steering system and LWD logging system, breaking the technological bottleneck, have formed its logo, systematic technology and device system with own intellectual property rights; a breakthrough of key technology of injection-production on the offshore platform has developed the technology system of offshore heavy oil polymer flooding and realizing large-scale application; the high temperature and pressure horizontal well technology was hurdled, forming a complete offshore high temperature and pressure gas field development technological system; a complete breakthrough of application of drilling and well completion fluids, cement system and cementation technology in deepwater, super deep water, high temperature and pressure and high sulfur areas was achieved; the application of well completion sand control in front-line production was realized, and the problem of the Bohai Sea shallow layer gas technology was broken through newly developed anti-fluid-channeling cement system; COSL high-end devices with ELIS system as its representative has replaced imports and realized industrialized application at home and abroad, and offshore engineering services, such as high-end skid-mounted and electronic instrument manufacture, has created a situation of "multi-points and ends supported development"; the technology of tackling biochemical sludge and coal gasification through supercritical water oxidation was developed, and a ton-level evaluation test and 100 ton/d industrialization scheme was completed; the research and development technology of deepwater hoist pipe-laying vessel has been inspected by the Ministry of Industry and Information Technology of the People's Republic of China.

▼ "Lanjiang" vessel is operating the hoist task



📖 A significant breakthrough in China drilling technology

In 2015, Wellleader and Drilog—CNOOC’s independently developed rotary steerable and LWD systems—jointly completed the offshore operation in a well of the Bohai Sea. This marks that China has acquired the capability to exploit offshore “cluster wells” and complex oil & gas reservoirs, and has become the second country after the United States to master both rotary steerable and LWD technologies. The breakthrough is expected to dramatically reduce domestic composite costs of oil & gas development. So far, the two systems have efficiently completed 10 commercial operations in Bohai Offshore Oilfield and onshore ones.

📖 A breakthrough in polymer flooding

In 2015, the Company made a breakthrough in the key technology of injection-production on the offshore platform, developing the technology system of offshore heavy oil polymer flooding and realizing large-scale application. The technology has reached the internationally leading level and it is expected to increase the offshore heavy oil recovery efficiency by over 10% and, following full application, to increase the recoverable reserve by 100 million m³.

📖 A breakthrough in high temperature and pressure horizontal well technology

In 2015, the Company overcame the challenge of HTHP horizontal well and developed a complete offshore HTHP gas field development technological system. Well F7H, the first HTHP horizontal gas well in “Dongfang1-1” Gas Field of CNOOC, was successfully completed 10 days ahead of schedule, with the productivity far higher than expectation.

📖 Capability of conducting ultra-deepwater well cementation

Low temperature and narrow formation pressure window is a problem in ultra-deepwater well cementation. In 2015, the Company applied two independently developed deepwater cement systems, i.e. a low temperature and early strength cement system and a low temperature, low density and high strength cement system, and adopted bi-setting anti-channeling cement column structure to prevent shallow flow threatening the operation, thereby ensuring smooth completion of well cementation in “Lingshui 18-1-1”, the first domestic ultra-deepwater exploratory well. Its high cementing quality marks that CNOOC has been capable of conducting ultra-deepwater well cementation.

📖 Capability of conducting ultra-deepwater drilling and test

In 2015, the successful test of “Lingshui 18-1-1”, the first ultra deepwater well in China drilled by “Hai Yang Shi You 981”, marks that China has the capability of conducting offshore super deepwater drilling and test. The independently developed waterproof testing fluids, applicable in ultra deepwater conditions, prevents the generation of gas hydrate during testing; the sand prevention and control measure of coupling precision screen liner and surface cyclone desander, supplemented by sand prevention real time on-line monitoring system, reduces the threats from sand production.

📖 Coatings of the Changzhou Institute of CNOOC Energy Technology & Services Limited entering new area of nuclear energy

On September 10, 2015, the Changzhou Institute of CNOOC Energy Technology & Services Limited formally signed the coatings supply contract with the Guangdong Construction Engineering Group. The waterborne epoxy anti-radiation protective coatings researched by the Changzhou Institute stands out from numerous coating brands with its excellent application performance in nuclear power area and advantages over foreign similar products, and which made Changzhou Institute becoming the coatings supplier of national brand with own intellectual property rights for the China Spallation Neutron Source Project.

📖 Grasping deep water hoist pipe-laying vessel R & D technology

In 2015, the Company grasped the technology of overall and basic design of 3,000 m deep large hoist pipe-laying vessel and the technology of systematic and basic design of deep water S-shape high-efficiency pipe-laying operation through independent research and development. The firstly produced basic technology of large stationary type hinge joint stinger in China, applicable in deep water S-shape pipe-laying vessel, has been inspected by the Ministry of Industry and Information Technology of the People’s Republic of China.

📖 Hydrogenation catalyst produced by CNOOC

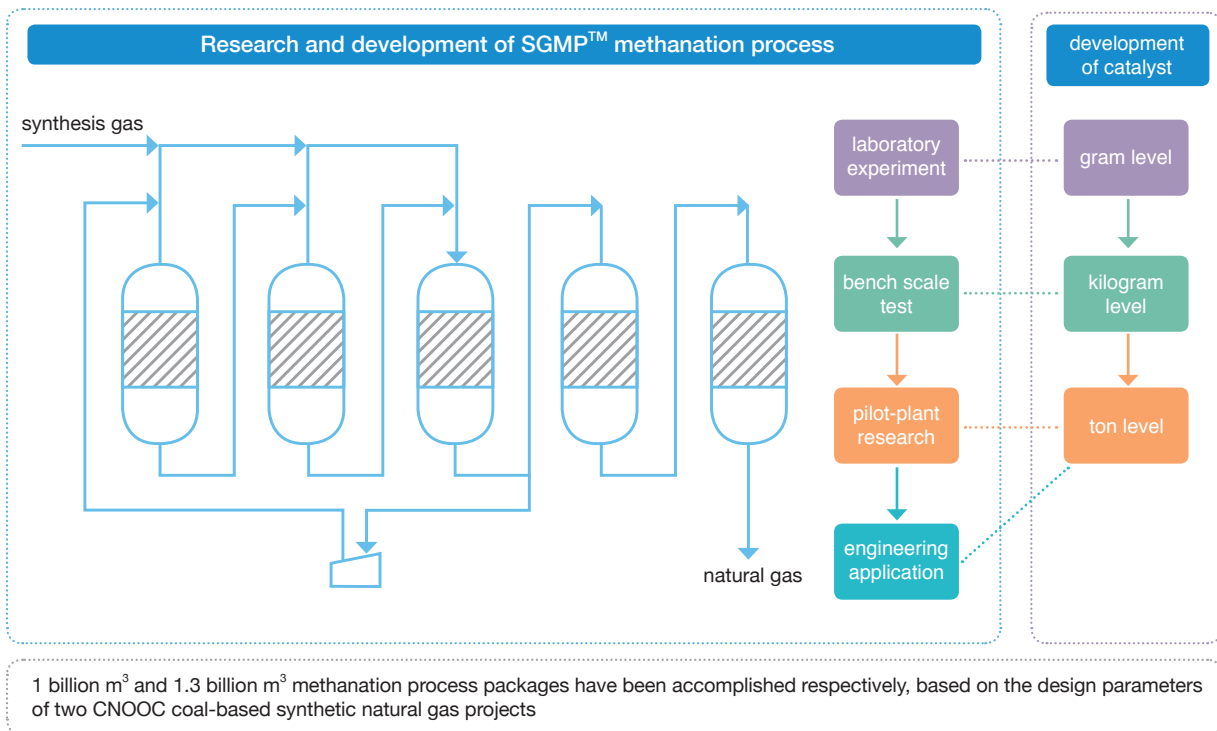
In 2015, TH distillate hydrogenation catalyst developed by CNOOC saw industrialized application in three hydrogenation units in Daxie / Zhoushan Petrochemical and Zhongjie Petrochemical, and the key indicators were superior to the data of the corresponding period, which marks that CNOOC has possessed core technology of hydrogenation with own intellectual property rights.

📖 Breakthrough in own methanation technology

The research achievements of “2,000 Nm³/h coal-based synthetic natural gas methanation pilot-plant research”, jointly developed by CNOOC Gas & Power Group Co., Ltd. and Southwest Research & Design Institute of Chemical Industry Co., Ltd., has been appraised by China Petroleum and Chemical Industry Federation (CPCIF) in 2015, with a conclusion that “the achievements have independent intellectual property rights and strong innovativeness, wholly achieve the international advanced level”.



Independent innovation of methanation catalyst



Pioneering Innovation

The theoretical innovation is a pioneering work. Attaching great importance to the fundamental study on the new-type strategic green ocean energies such as nature gas hydrate, ocean energy and offshore nuclear energy, CNOOC takes the initiative to build the technological R & D bases to support the research, development and incubation of the leading energy technologies. Several significant projects at the state level undertaken by the Company have acquired positive progress.

Nature Gas Hydrate

The organic carbon content of natural gas hydrate is twice that of coal, oil, gas and other kinds of global fossil energy. CNOOC has carried out substantial research on nature gas hydrate and has undertaken the State's 863 Plan, 973 Program and national major scientific and technological projects. It is preliminarily planned to select a targeted zone in the South China Sea for pilot exploitation experiment of natural gas hydrate. CNOOC has developed suitable sampling devices and established a world-leading natural gas hydrate recovery simulation system, achieving fruitful research results in risk control of natural gas hydrate exploitation and securing the deepwater flow assurance. At present, a simulation laboratory for natural gas hydrate exploitation technologies is under construction and expected to bring the research up to a new level.



Application of Offshore Nuclear Energy

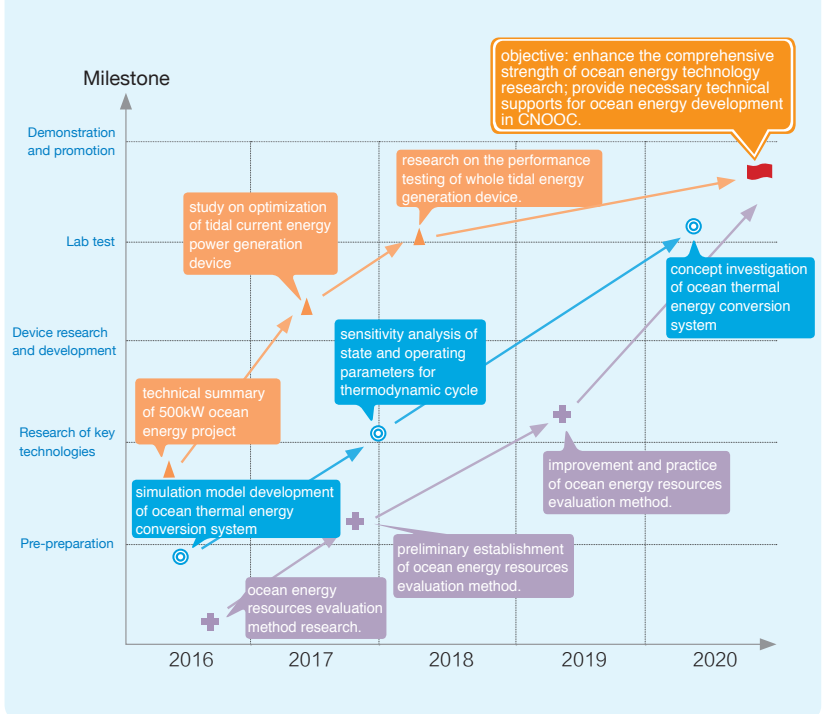
Offshore nuclear power, as a clean energy of “zero emission”, is capable of providing offshore platform with electricity and heat, and can be used as alternative energy sources for offshore oil and gas development. CNOOC Research Institute is undertaking “Pre-feasibility Study on Nuclear Energy Application Technologies for Offshore Oil & Gas Development in the Bohai Sea”. Targeting the oilfields in the Bohai Sea, CNOOC is studying the technological and economic feasibility of small-scale and sea-based civil nuclear reactors for offshore power supply and heavy oil thermal recovery, and filed 21 patent applications.

Wind Energy-Energy Storage Integrated System Technology

CNOOC has formed the integrated technological results of mixing wind power generation and large-scale energy storage, developed battery management system, designed and constructed wind-storage hybrid system, realizing the peak-load shifting, power smoothing, plan tackling, frequency modulation and voltage regulation function, and ensuring safe and stable operation of the system.

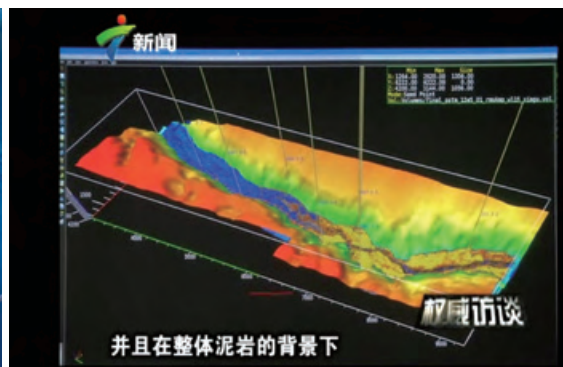
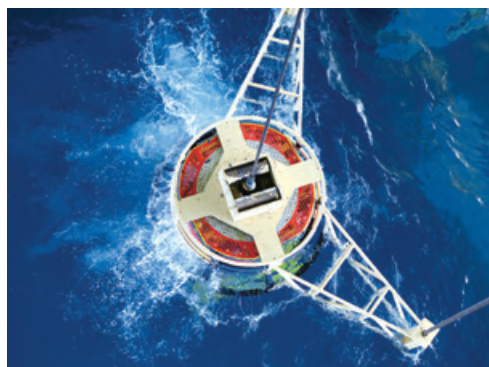
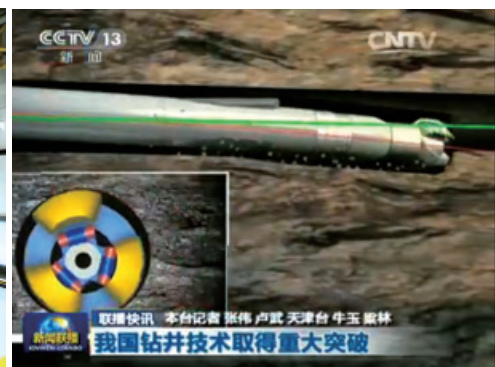
Ocean energy development and utilization technology

- ✦ resource evaluation
- ◎ ocean thermal energy conversion technology
- ▲ tidal current energy technology



Ocean Energy

Ocean energy, as a clean and renewable energy, has good development prospects. Over the past 2 years, the 500 kW ocean energy isolated electrical power system which is developed by CNOOC has been running stably. The Company combined with their own advantages and requirements has developed a roadmap for the development of ocean energy research.



INTENSIFYING SAFE OPERATION

CNOOC regards safe operation as the lifeblood for corporate sustainable development and keeps improving the security system for production to reinforce the security management on personnel, production process and emergency response, etc., thus striving for building a substantially safe entity.

In 2015, the Company evaluated safety compliance and operability, organized self-inspection of safety, further improved safe production responsibilities. In 2015, the Company experienced no major or more serious production accidents. CNOOC was awarded “Best organization unit” in “2015 National Safety Production Month”. Hainan Base of CNOOC China BlueChemical Ltd. was awarded “Prizes for outstanding contributions” in national production Level A standard enterprise exhibition.

Safety Culture

We actively create “Safety Standard Behaviors” and the field operation behavior guidance of “Five To-do’s and Five No-nos”. Through various safety training, the staffs internalized the awareness of keeping themselves and others safe. Safety management systems are constantly improved and protection measures are taken to secure their personal safety.

The Company actively coped with those risks that come with the involvement of more young operators and more contractors, explored innovative training modes and made the safety training more effective. The Company made efforts to explore internal resources for training, establishing a whole-staff safety training course system, constantly optimizing the training platform, developing an E-learning platform, cultivating an internal part-time trainer team and strengthening whole-staff safety training management.

Distinctive safety training assisted employees’ growth

COSL pays great attention to safety training of new employees, building a systematic and sustained training system, and covering the first class, onshore internship and offshore operation field.

“The first class was about safety training, not professional skill training, and it surprised me”.

—Cement intern engineer Fan Jiaxu

“In offshore operation field, we apply ‘handing-down teaching method’ to strengthen new employees’ safety operation ability. We required that new employees communicate with onshore managers after shifts, to grasp their safety information, realizing ‘what short of what make up’”.

—Director of cementation operation Han Chao

Anti-explosive electric training device in the offshore platform

In 2015, the Eastern South China Sea Oilfield installed the first set of explosion-proof electric training facilities on offshore platform in China, aiming to help better understanding of explosion-proof equipment used for offshore facilities. The personnel could have explosion-proof electric training and exercise more conveniently and improve explosion-proof electric related practice skills as a result.

Safety and environmental protection around us



During 2015 National Safety Production Month, CNOOC held the micro-video competition with the theme of “Safety and Environmental Protection around Us”, collecting the various works, such as articles, cartoons, pictures, and micro-video, and issuing the works through micro-blog and WeChat. The competition received 145 video works and 77 character works from 16 affiliates, most works are from staffs in oilfield operation area, offshore platform, and frontline units. About 445 thousand persons watched the micro-video works published in China Offshore Oil Press’s MicroBlog of “CNOOC in Pictures”.

📖 Safety culture received good reputation

In 2015, CNOOC, combining national laws with Company's regulations, selected fundamental, prominent safety behavior which should be executed and is easily sensed, listed 18 items of CNOOC "Safety Standard Behaviors" in terms of leaders, staff and organization, and advocated and implemented the behaviors, promoting the safety awareness of all staffs. CNOOC "Safety Standard Behaviors" received good reputation and special publicity from the State Administration of Work Safety and the China Chemical Safety Administration.



1.1 公开承诺守法合规



1.2 公开宣传健康安全环保理念



1.3 公开表达生命是不可逾越的红线



1.4 至少每年听取两次安全环保工作汇报



1.5 至少每年参加两次作业现场调研



1.6 至少每年参加一次应急演练



2.1 现场作业确认“五想五不干”



2.2 知晓所处环境应急通道



2.3 及时的干预不安全行为



2.4 驾车乘车系安全带



2.5 行人车辆不闯红灯



2.6 上下楼梯扶好扶手



3.1 召开会议有安全提示



3.2 现场活动有安全教育



3.3 大型集会有防范措施



3.4 差旅安全有规章制度



3.5 节假日安全有值班部署



3.6 私家车安全有指导支持

Work Safety

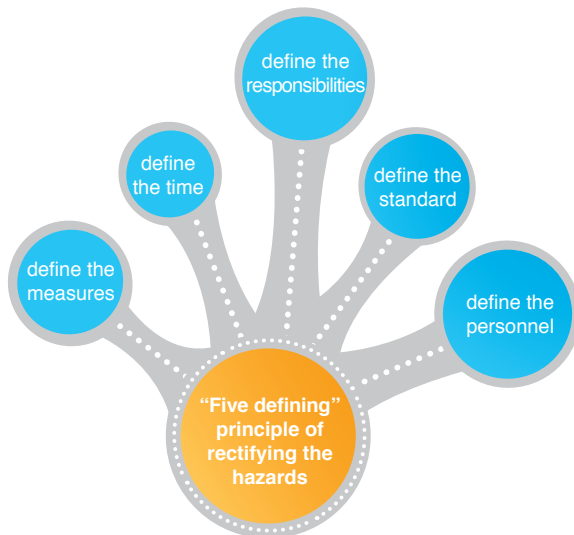
The Company always considers work safety most vital to the corporate development, constantly improves safety management system, and creates a safer work environment for the staff and those of contractors.

The Company reviewed the QHSE system of 7 affiliated units in 2015 according to overall annual inspection plan. The “Major Hazard Source and Hazards Elimination System” has reported totally 94,904 hazards, among which 94,737 (99.82%) have been rectified by the end of 2015. The Company still conducts special inspection against the pipe hazards and crude oil tank hazards; thoroughly executes “6 bans and 6 punishments” in accordance with relevant state regulations; intensifies the elimination of oil spill risks and prevention of oil spill hazards; establishes the equipment integrity management system for refining and chemical companies; conducts special safety investigation and review upon the special operations on ships under repair or construction, self-owned railways and helicopters.

The Company actively communicates with local governments and communities, promotes the rectification of pipe hazards (90.28% completed), and completes rectification of all major hazards.

📖 Safety Management of high risk contractor

In 2015, the Company finished management review of 11 dive contractors and technical review of 12 helibase and 35 contracted helicopters of 3 helicopter companies, according to categorized and hierarchical principle urged them to formulate the management plan, tracked and reviewed its rectification progress, actively promoting their safety management capability.



📖 CNOOC was awarded the highest prize in the field of State Safety Production

In 2015, COOEC’s sci-tech programme “Technical Research of Long Distance Transportation Submarine Pipeline in Complicated Geological Conditions and its Application” was awarded the first prize of sixth safety production sci-tech reward of the State Administration of Work Safety, the highest prize of national safety production sci-tech reward that CNOOC received.

The Safety Production Sci-tech Reward of the State Administration of Work Safety, the highest honor of China’s safety sci-tech and awarded per two years, is to strengthen China’s safety sci-tech research and constantly promote the technical innovation in safety scientific area.

📖 Safety production level A standard enterprise

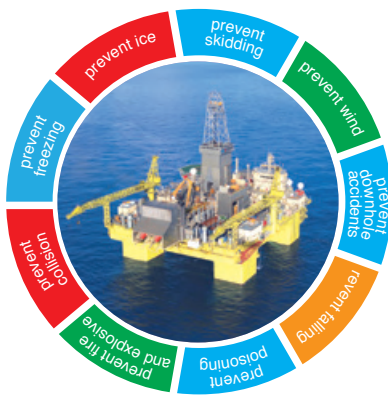
Zhongshan Jiaming Electric Power Co., Ltd., the domestic gas power plant with largest installation capacity, was awarded the “Certificate of Level A Standard Enterprise for Electric Power Safe Production”, because of excellent performance in terms of safe production management, devices and facilities, operation safety and career health.

By the end of 2015, the plant has been safely operated for 5,580 days consecutively, hitting the safe operation record of domestic similar units.



“Nine-preventions for safe production” during winter in offshore platform

Since winter of 2015, the platforms of COSL executed activities of “Nine-prevention in Winter” of devices, ensuring safe and reliable operation of devices in platform.



Help the neighbourhood with fire fighting

At 10 a.m on July 1, 2015, the kitchen of Haixing Service Zone, Tianjin-Shantou Highway, caught fire, and the fire spread quickly. CNOOC Haixing Service Station initiated emergency plan immediately, the staffs called 119 and participated in fire fighting, effectively controlling the fire and saving precious time for emergency rescue.

Carefully Implemented large-scale repair & maintenance

From October 20th to December 10th, 2015, CSPC carried out the second large-scale repair & maintenance since put into production, and started up successfully.

CSPC, in order to realize the “zero-accident” and no deflection launch, made detailed repair & maintenance solution and health safety environmental protection plan, trained 7,620 staffs of contractor ahead of schedule across regions, with totally 90 thousand hours of training. During repair, CSPC has experienced 30 thousand times of safety inspection, 8,000 times of behavior safety inspection, 9,600 times of quality inspection, and strict environmental management and monitoring.

The Company, aiming at the influence from the repair, has taken a series of mitigation measures, communicates with stakeholders in various ways, such as clients, local governments, media, enterprises, and the residents, during shutdown, operation, test run, start-up, showing open, transparent and cooperative attitude and earning praise from local governments, media and communities.

Comprehensive safety inspection

After Tianjin Port “8·12” Accidents, the Company conducted the comprehensive safety inspection of dangerous chemical, inflammables and explosives. 4 special crews conducted the safety inspection in 35 key base units in Hebei, Shandong, Jiangsu, Shanghai, Guangdong, and Liaoning, etc. All inspected units conducted the purposeful self-inspection based on its real conditions, completed 232 findings and 116 advice, and supervised the rectification.

Ensure safety by removing static

“Panyu 4-2A” and “Panyu 5-1A” Platform, in order to prevent the potential hazard of steam explosion triggered by static in offshore platform, installed 2,000 grounding lines in intricate pipeline, effectively eliminating the electrostatic hazard generated during flow of oil and diesel.

Completed annual large-scale repair ahead of schedule

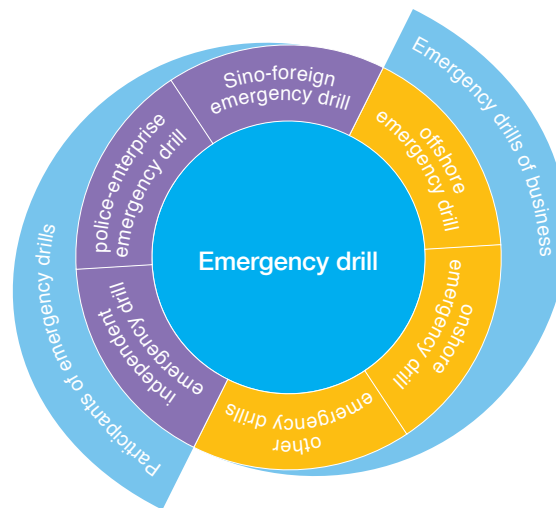
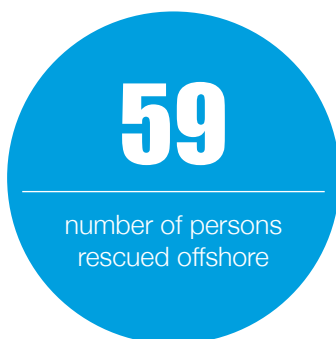
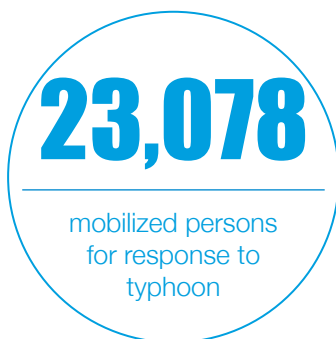
On May 22, 2015, the operation company of Wenchang Oilfield Group in the western South China Sea finished annual repair 26 hours ahead of schedule, reducing 5,550 m³ of oil production loss.

The Wenchang Oilfield Group includes 8 wellhead platforms and 1 FPSO, the annual repair is the most difficult one since the oilfield group was put into production 7 years ago. During the repair, the multi-channelled communication with other platforms and FPSO was realized in Wenchang 13-6A Platform through resource integration and informatization management, ensuring materials supply.



Emergency management

Based on hazard identification and risk analysis, CNOOC constantly improves the management systems, and intensifies emergency training and drill, so as to fully upgrade the risk resistance of systems and minimize the impacts of accidents.



The maritime mobile emergency command and communication system is officially online. In 2015, CNOOC developed this system which covers the Bohai Sea, East China Sea, Eastern and Western of South China Sea, so as to put the headquarters, branches and comprehensive emergency management platform under coordinated deployment and unified management, to provide sound communication for the maritime emergency disposal, and to improve the overall emergency response capability of CNOOC.

Build more oil spill emergency response bases and set professional eco-ships to improve the oil spill emergency capability. In 2015, CNOOC, after 6 oil spill emergency response bases were put into use, newly built Huizhou Comprehensive Base and Hengqin Base, initiated construction of Dongying Base and Daishan Base and expansion of Weizhoudao Base, launched four eco-ships in the Bohai Sea, East China Sea and Eastern South China Sea, and meanwhile initiated construction of tenth eco-ship. The emergency response capability of “emergency response base+professional eco-ship” was further enhanced.

Attach importance to the warning of typhoon and emergency response and handling. In 2015, the typhoon badly affected the Company work for 50 days. The Company, launching anti-typhoon emergency plan in time, sent 1,105 helicopters, 33 ships and 23,078 rescuers, who completed the rescue work safely.

Perfect coordinated emergency response system of petroleum companies. In 2015, CNOOC, CNPC and SINOPEC established a three-party coordinated emergency response resource management platform, divided operation areas into 15 areas, including 11 onshore coordinated areas and 4 offshore coordinated areas, realizing unified registration, overall planning and separate area coordinated management of emergency rescue crews, available emergency rescue materials and devices.

Active foreign emergency rescue. CNOOC, as a member of CMSRC, reasonably allocates fine rescue resources against various hazards through regional cooperation. In 2015, it provided assistance to 36 hazard reliefs in foreign countries, rescuing 59 persons and winning for multiple times the title of “Model Offshore Rescuing Unit”.



📖 Joint emergency drill held by CNOOC, CNPC and SINOPEC

In June 2015, CNOOC, CNPC and SINOPEC held coordinated desktop emergency drill in the hall of Huizhou Emergency Base, simulating leakage, steam explosion, outbreak of fire and oily sewage flowing into sea in Huizhou Refinery LNG storage tank.

The drill, undertaken by CNOOC and joined by CNPC and SINOPEC, was to review coordinated emergency response system and scientific rescue in typical accidents, the first drill since the team was founded, and adopted verbal dispatch and live questions and answers with an innovative style, accumulating a precious experience.



📖 Proper precautions during “MAYSAK” hit the Eastern South China Sea

On March 28, 2015, “MAYSAK” was generated in surface of northwest Pacific Ocean and rapidly grew to a super typhoon, and the predicted path goes straight to the sea area of the Eastern South China Sea Oilfield, and it is likely to become the largest typhoon since records began. The Eastern South China Sea Oilfield, after receiving the warning of typhoon, organized anti-typhoon meeting, and made a detailed emergency plan.

The Eastern South China Sea Oilfield and foreign operator sent 33 helicopters, and evacuated 542 operation personnel. The strength of typhoon gradually decreased after entering the South China Sea, and the production and drilling in the Eastern South China Sea Oilfield was not badly influenced.



📖 Launched the construction of deep water emergency engineering technical systems

On July 14, 2015, CNOOC approved the implementation plan of “Deep Water Emergency Engineering Technological System Construction”, and CNOOC Zhanjiang Company and Shenzhen Company, COSL and CNOOC Energy Technology & Services participated in system construction.

The deep water emergency engineering technological system formulates emergency engineering technological plan for well blowout, seriously bad weather such as typhoon and internal-wave flow, dynamic positioning failure, deep water shallow layer geologic hazard and other emergency engineering accidents, implements emergency technologies, allocates resources, establishes emergency expertise database and complementary management system, actively controls deep water operation risk, strengthening emergency rescue and support capability of our deep water engineering safety accidents.



📖 Joint drill of preventing oil spilling

In August 2015, Suizhong 36-1 Oil Terminal Plant, Liaodong Operation Company, Bohai Sea Oilfield, held large-scale recycle emergency drill of spilled oil with local maritime sectors and port navigation departments, and 6 ships participated. The drill simulated diesel leakage in terminal plant, and emergency crew immediately organized ships, personnel and materials and smoothly carried out oil contamination control, spilled oil recycle, disperse agent spray, strengthening emergency processing capacity and enhancing coordination with local governments.

📖 “A national base for maritime awareness education” was listed in CNOOC Environmental Services (Tianjin)

On September 22, 2015, State Oceanic Administration “National Base for Maritime Awareness Education” was launched in CNOOC Environmental Services (Tianjin).

The Company adhered to the environmental protection concept of “protect marine environment, share blue tomorrow”, constructed marine environmental science training bases on basis of oil spill response workshops, and conducted a series of significant maritime awareness publicity and education with governments and enterprises.

The Company provides with more convenience for public maritime awareness publicity and education based on coastal oil spill response bases.



IMPROVING QUALITY MANAGEMENT

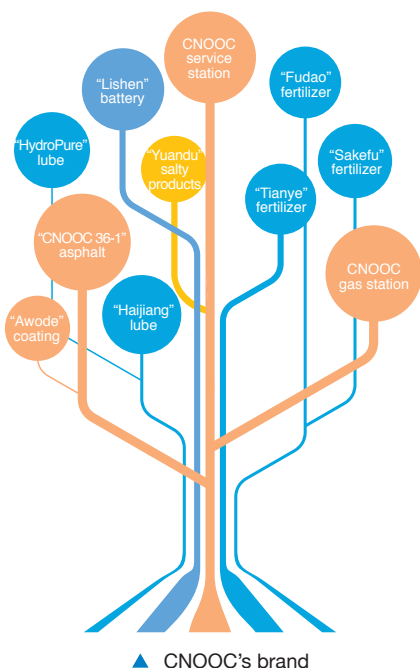
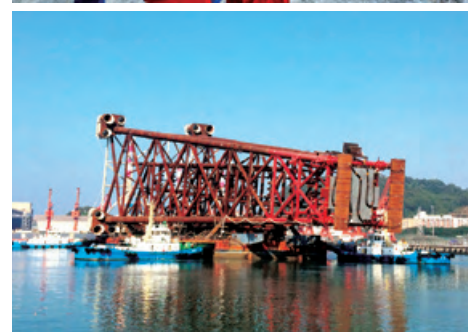
CNOOC implements the overall requirements of “emphasizing the basis, maintaining the safety, focusing on the quality, and enhancing the benefit”, establishes itself as a new quality pacesetter in the offshore oil industry, makes undiminished commitment to the market, and build a well-known CNOOC brand system with its high-quality products and services.

CNOOC establishes a comprehensive quality management system; thus continuously improving the quality management level of the Company. Complete certifications for products and services, strict supervision and management on the quality contribute much to the improvement of products and services quality and the establishment of good reputation in the international market.

Quality special review for improving the quality of products. In 2015, the Company carried out quality special review in 52 service stations and deeply analyzed whole process of oil sale in terms of quality management; put forward improvement requirements, promoting the control of oil quality.

Activity of quality management teams for strengthening quality cultural construction. In 2015, the Company constantly promoted “QC Team Activity” to highlight the quality cultural construction. The Company won 107 QC teams activity achievement rewards from China Petroleum and Chemical Industry Federation (CPCIF), including 6 were national quality achievement awards, 2 national quality trusted team awards, 11 first class awards, 29 second class awards, 68 third class awards and 17 quality trusted team awards of industry association. The rewards increased two times compared with 2014 and accounted for 35% of CPCIF’s total prizes, showing prominent quality cultural construction results.

“Quality month” activity for the whole-staff quality awareness. The Company, actively responding to the requirements of General Administration of Quality Supervision, Inspection and Quarantine of the People’s Republic of China, widely carried out “Quality month” publicity by making full use of newspaper, panel, new media, poster and other media, with 21 affiliates, 45,000 participants, over 4,000 publicity pamphlets, over 11,000 copies of publicity paper and over 800 panels, strengthening whole-staff quality awareness.



▲ CNOOC's brand

Reliable oil for customers

CNOOC Marketing Company adheres to the self-discipline in quality, measurement and safety, and controls the factors of influencing oil quality in purchase, warehousing, storage, transportation and retail, ensuring providing the customers with reliable products.

CNOOC's brand with good reputation

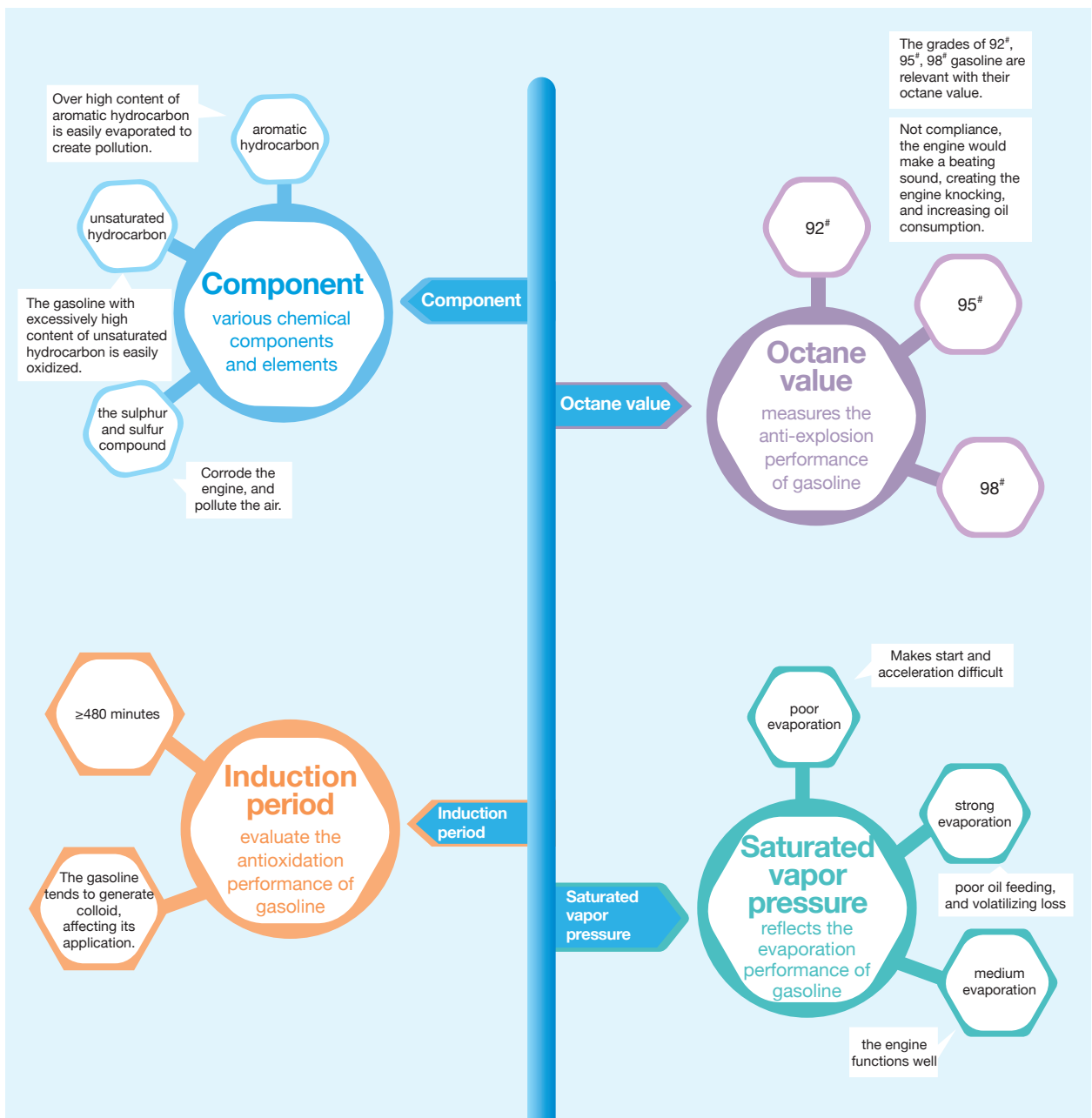
CNOOC enjoys good reputation in refined oil, LNG, asphalt, fertilizer, coating, sodium carbonate, battery, etc., and its brand influence keeps increasing. At present, our brands include CNOOC Service Station and Gas Station, “CNOOC 36-1” asphalt, “Haijiang” lube, “HydroPure” lube, “Fudao” fertilizer, “Sakefu” fertilizer, “Tianye” fertilizer, “Awode” coating, “Yuandu” salty products and “Lishen” battery.

The oil needs strict ex-factory examination after refining!



Gasoline is qualified by detection, so automobile cannot have faults.

Main examination items



ENHANCING ENVIRONMENTAL PROTECTION

CNOOC upholds the development concept of “green, low-carbon, clean and circular economy”, pursues at a “resource-saving and environment-friendly” enterprise, and implements overall management of environmental protection, realizing sustainable development between the Company and environment.

Stakeholders' Attention

- Tackling Climate Change
- Biodiversity Conservation
- Low Carbon Research & Development Technology
- Providing Green Products
- Developing Clean Energy
- Circular Economy
- Environmental Management
- Environmental Investment
- Energy Conservation and Emission Reduction

Our Actions

- P36 Special Topic:
Low Carbon Activity for Green Strength
- P38 Green Operation
- P40 Tackling Climate Change
- P41 Water Resource Management
- P43 Energy Conservation and Emission Reduction
- P47 Biodiversity Conservation



Action Performance

Energy Conservation and
Emission Reduction Investment

RMB **290** million Yuan

Decreased sulfur
dioxide emission

29%

Water Resource Saving
Volume

1.27 million tons

Decreased nitrogen oxides
emission

16%

Equivalent of Energy
Consumption per RMB 10,000
Yuan Turnover

0.2731

tons of standard coal
equivalent

LOW CARBON ACTIVITY FOR GREEN STRENGTH

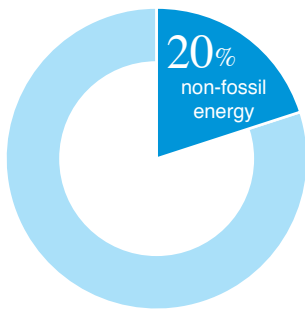
Climate Change is a global major issue of human. Reducing greenhouse gas emission, providing green products and protecting environment is an effective measure to resolve the problem. Being a responsible international energy company, CNOOC responds to Paris Agreement, actively participates in China's "Energy Revolution", providing green products.

1

Response to Paris Agreement

China actively shoulders international responsibilities, and puts forward commitment of reducing emission in 2030:

- Reaching the peak of CO₂ emission around 2030;
- Striving to realize that CO₂ emission per unit of GDP in 2030 decreases by 60%-65% compared with that in 2005 as early as possible;
- Non-fossil energy accounts for about 20% of primary energy consumption in 2030.



Proportion of primary energy consumption in 2030

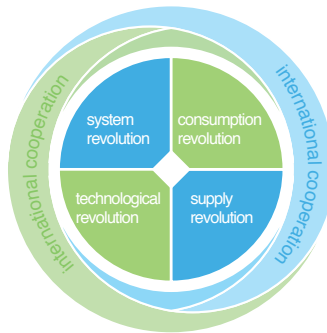
CNOOC speeds up the pace of exploring carbon trading, completes the frame study of greenhouse gas emission standards system, and consistently lays emphasis on studying CO₂ capture, utilization and storage technologies (CCUS).

2

Energy Revolution

China's energy revolution strategies of "Four Revolutions and One Cooperation":

- Promoting the revolution of energy consumption;
- Promoting the revolution of energy supply;
- Promoting the revolution of energy technology;
- Promoting the revolution of energy system;
- Comprehensively strengthening international cooperation.



CNOOC actively participates in energy revolution, holds the strategic opportunity to develop clean energy, highlights the strategic position of natural gas industry development, accelerates offshore gas field development and construction and layout of LNG receiving terminals, promotes exploration and development of unconventional gas, increases the ratio of clean energy supply, ensuring long-term sustainable development.

3

Green Products

CNOOC constructs the natural gas industrial chain of different sectors, and strives to provide with more natural gas and its application products; we actively develop multi-channel gas source, and explore the development of un-conventional natural gas and coal gas to enhance the natural gas supply capability; the Company expands LNG importing channels and builds resource pool. CNOOC accelerates the infrastructure construction of LNG receiving terminals and main natural gas pipelines, constantly increases supply and service areas and constantly expands the natural gas application region, promoting the transformation and upgrade of energy structure in China.

Yield of Natural Gas

Unit: hundred million m³

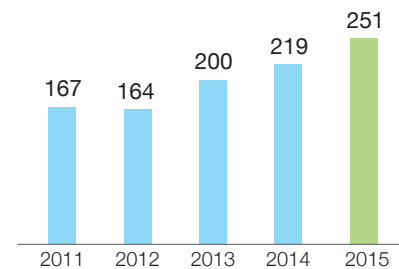
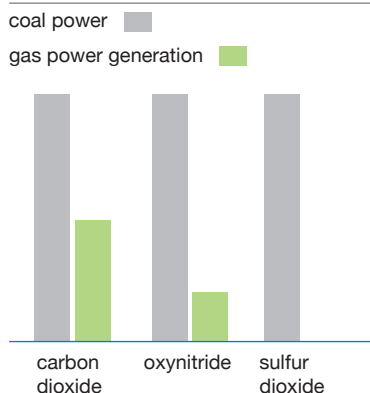


Diagram of Emission Comparison

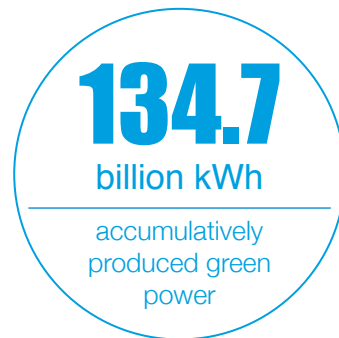
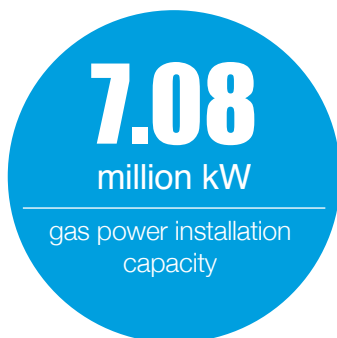


Note: emission of coal power is base unit

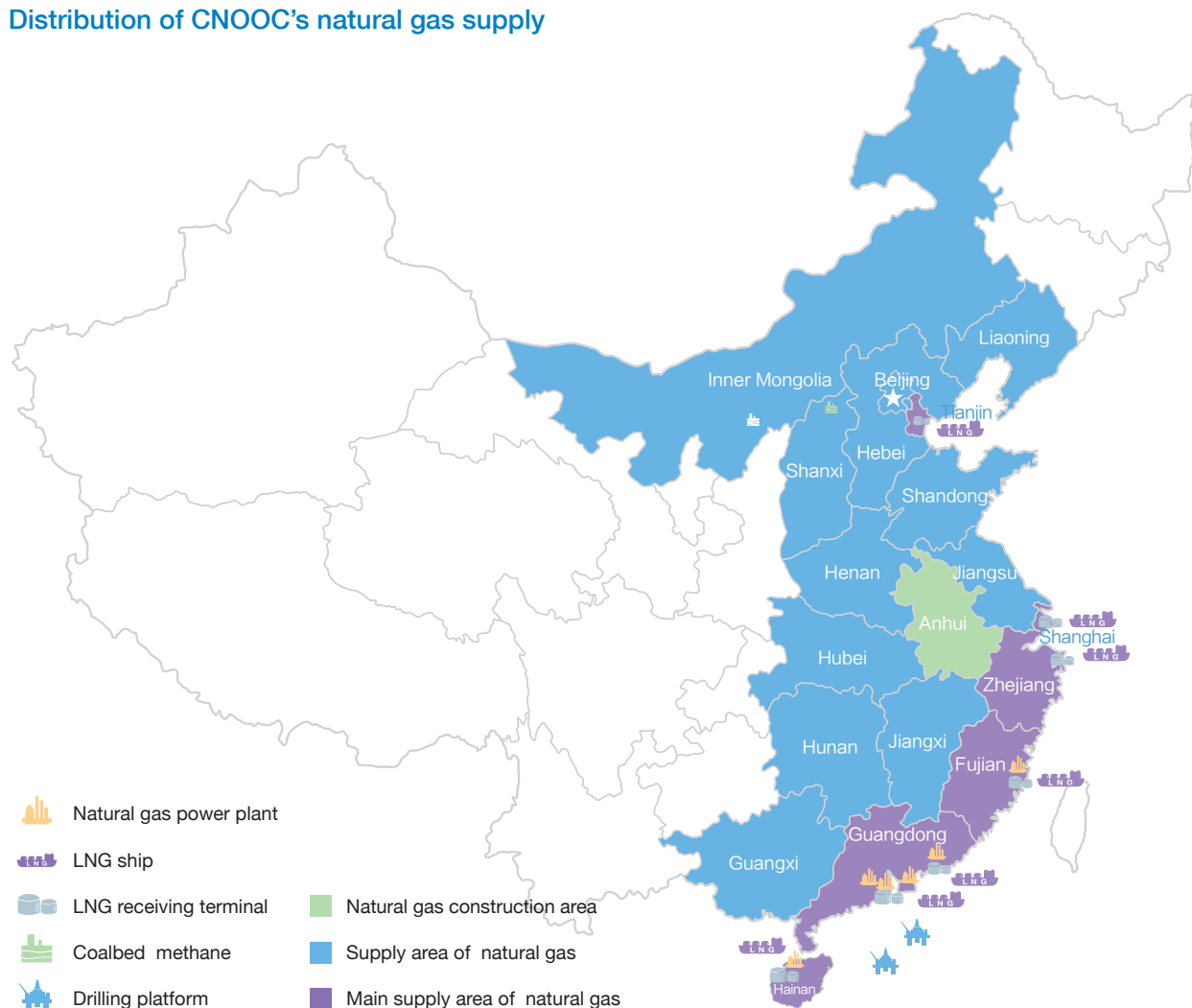
Natural Gas-Fired Power

Zhongshan Jiaming Power Plant, Zhuhai Power Plant, Shenzhen Electric Power Co., Ltd., Huizhou Power Plant, Putian Power Plant and Hainan Power Plant under CNOOC were put into production for power generation, with 7.08 million kW of gas power installation capacity and have accumulatively produced 134.7 billion kWh of green power.

Compared with equal coal power, gas power reduced 70 million tons of CO₂, which is equivalent to the absorption of 150 million grown-up trees annually, and created remarkable results of green growth and low carbon.



Distribution of CNOOC's natural gas supply



GREEN OPERATION

With the principle of developing a green, low carbon, clean and renewable economy in mind, CNOOC steps up its efforts in transforming itself into a resource-conserving and environment-friendly company. In accordance with the management principles “control after the event is inferior to control in the event, control in the event is inferior to control before the event, control before the event is inferior to whole process control”, CNOOC has effectively reduced environmental risks and realized sustainable development between the Company and environment, through continuously improving environmental management system, continuing to enhance overall environmental management process in construction projects, and integrating environmental protection into daily production and operation.

Environmental Management

CNOOC actively fulfilled *Environment Protection Law* as well as the supporting administrative rules, compiled *Measures for Environmental Protection Project Management* and continued to expand environmental management contents and scopes. CNOOC further specifies administrative rules on environmental impact assessment and implementation rules for environmental monitoring, and has formulated rules attachments. As for newly constructed projects, CNOOC attaches great importance to source control, strengthens pre-assessment of environmental risks, environmental impact assessment and nature environmental protection in design stage, so as to prevent environmental risks in project's pre-phase. Management & control procedures are adopted during construction phase, and meanwhile “Three Wastes” technology audit & management, environmental impact assessment change management as well as environmental protection facility calibration monitoring are intensified, in order to provide guarantee for the compliance construction and efficient operation of projects.

Based on CNOOC's environmental management information system, CNOOC carries out overall-process environmental management, which focuses on environmental impact assessment management, pollutant up-to-standard emission and total amount control management, and overall emission management, covering CNOOC's subsidiaries at different levels and has comprehensively realized fine environmental protection management. The Company carried out the construction and reconstruction of sewage, exhaust gas and solid waste treatment facilities, applied several operation modes through open bidding, realizing standard emission.

▼ Fujian LNG receiving terminal



The Company initiated RITAG, which has 6 members from Republic of Korea, Japan, Malaysia, Thailand and Singapore, signed cooperation agreement with OS-CT (Indonesian oil spilling combat team), the largest Indonesian oil spilling emergency response company, and built cooperation with internationally known oil spilling emergency response organizations, such as OSRL (Oil Spill Response Limited), SINTEF (The Foundation for Scientific and Industrial Research at the Norwegian Institute of Technology) and ITOPF (International Tanker Owners Pollution Federation) to build global emergency response system.

In 2015, the Company constantly increased the investment in environmental protection, providing safety guarantee to promotion of environmental protection solutions and promoting environmental protection effect.

Environmental Training

CNOOC pays attention to environmental training and publicity. In 2015, we publicized the knowledge of low carbon and environmental protection through training sessions, video, Internet and newspaper, held the activities including “Energy Saving Publicity Week” and “World Environment Day”, and inspired all staffs to actively participate in environmental low carbon activities.

Green Office

CNOOC pays attention to energy saving publicity and education to enhance staffs’ awareness of saving and reasonably utilizing energy, and realizes the intensive utilization of resource and low emission. The Company emphasizes not only the environmental performance directly brought by green office, but also daily publicity and implementation of green office, enhance all staffs’ environmental protection awareness, transforming work manners and lifestyle.

In 2015, the Company and our affiliated units held several video conferences to reduce business trip and energy consumption, practicing green office. We held 529 video conferences in Beijing headquarters, with 58,000 participants, among which 81 are international ones, with 5,800 participants. It reduced 130.5 million km of domestic trip (2,500 km per trip) and 92.8 million km of international trip (16,000 km per trip).



TACKLING CLIMATE CHANGE

As global warming increases, it has become one of global core issues necessary to be solved by human to reduce greenhouse gas emission and protect environment. As a responsible international energy corporation, CNOOC is actively working out effective methods for tackling climate change and reducing greenhouse gas emission through CO₂ capture, storage and utilization technologies, carbon interrogation, carbon trading, etc.

📖 CO₂ capture, storage and utilization technologies

In 2015, CNOOC consistently emphasized the progress of CO₂ capture, utilization and storage technologies (CCUS), and actively promoted the application study of CO₂ capture and separation, geological storage and large-scale utilization technologies. As for CO₂ capture and separation technologies, CNOOC has implemented preliminary study on high concentration CO₂ separation technologies associated during production of oilfields, refinery and petrochemical. As for CO₂ geological storage technologies, CNOOC has emphasized exploratory research on increasing recovery efficiency by oil and gas replacement by CO₂, CO₂ geological storage in offshore depleted oilfields and saline aquifer, and intensifying coalbed methane displacement by CO₂. As for CO₂ utilization, exploratory study has been conducted in new chemical technology of “hydrogen production by photocatalysis and liquid fuel or chemicals production by CO₂ coupling”, and the tracking study has also been conducted in reducing emission of CO₂ applied in inorganic mineral processing.

📖 Carbon interrogation

CNOOC completed studying standards system of greenhouse gas emission, established system framework and standard catalogue, and conducted the compilation of relevant standards. In 2015, we carried out interrogation of greenhouse emission in Bohai Sea Oilfield, Western South China Sea Oilfield, and gas power plants.

📖 Greenhouse gas emission monitoring technologies

In 2015, the Company continuously carried out the study of greenhouse gas emission monitoring technologies, conducted field test of CO₂ emission in generating sets of Zhongshan Jiaming Power Company, and emission test of natural gas using infrared imaging leak test device. Moreover, we conducted the study of *Developing Online Monitoring System of Greenhouse Gas Emission of Fixing Combustion Sources*, designed and developed the prototype of online monitoring system of greenhouse gas emission, with good commission result. The study was awarded patent licensing of State Intellectual Property Office and software copyright of National Copyright Administration of the People's Republic of China.

📖 Carbon trading

In 2015, the Company actively promoted integrating into carbon trading pilot, and 8 companies in Guangdong, Shenzhen, Tianjin, etc., conducted carbon trading, successfully completing carbon quota and accumulating the experiences for national carbon trading.

📖 Chinese Certified Emission Reduction (CCER) project development

After Fujian LNG cold energy air separation project became the first cold energy air separation CCER project in China, the Company successively developed 10 CCER projects, among which “Zhejiang LNG cold energy air separation CCER project” and “Huizhou Petrochemical 400,000 tons/y calcined coke engineering waste-heat utilization combined heat and power generation CCER project” were recorded in NDRC (National Development and Reform Commission). The CCER projects cover photovoltaic power generation, biomass energy and wind power in Fujian, Xinjiang, Inner Mongolia and Shandong, etc., significantly enhancing carbon asset development and management capability.

▼ Hainan Yangpu Power Plant

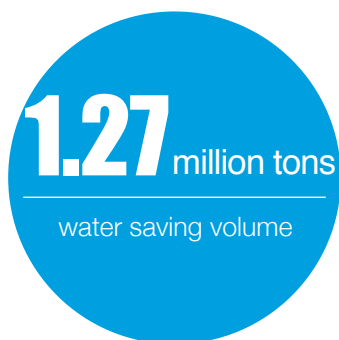


WATER RESOURCE MANAGEMENT

CNOOC places emphasis on technological progress and innovations, increases efforts on technology reforms, intensifies supervision management, strengthens wastewater comprehensive treatment and recycle, and enhances water resource management in the round.

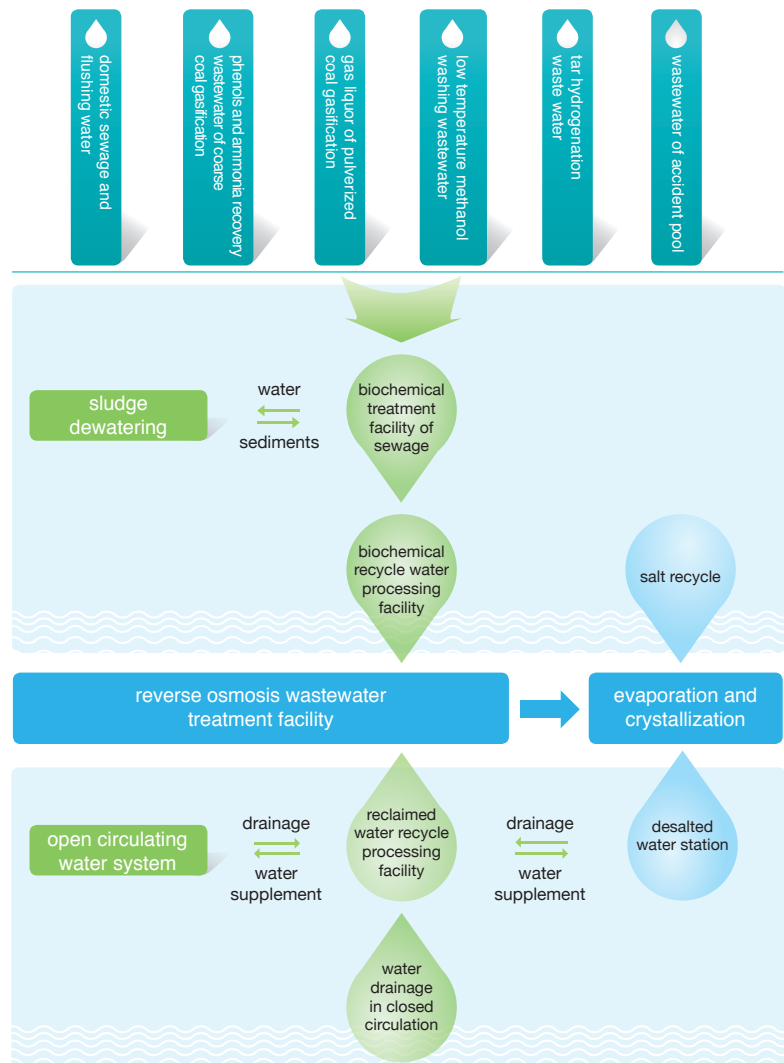
CNOOC specified water conservation tasks and targets in all its subsidiaries in 2015, proactively carried out promotion activities regarding water conservation, continued to reduce fresh water consumption volume per unit product by optimizing production process. CNOOC successfully saved precious fresh water resource through measures of reclaimed water recycle and sea water desalination.

In 2015, the subsidiaries of CNOOC made great efforts in water conservation, and the volume of annual water resource conservation was economized by 1.27 million tons, which was equivalent to the monthly domestic water consumption of 400,000 persons.



Datong SNG project: comprehensive utilization of wastewater treatment

CNOOC's Datong Coal Gas Project pays close attention to water resource conservation, determines the comprehensive utilization programs of waste water in the design stage, and plans to comprehensively utilize all waste water through pretreatment, biochemical treatment, deep treatment and evaporation and crystallization, realizing cycle of water resource and zero emission of waste water.

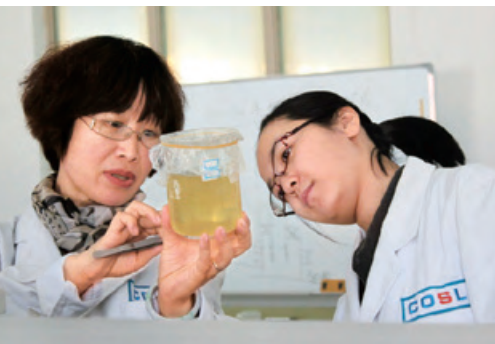


Properly consuming water in offshore drilling platform

Properly storing water. The special water storage tank installed in CNOOC's drilling platforms requires clean all the time during operation.

Properly generating water. The desalinated water is used as domestic water.

Properly saving water. The saving water measures in CNOOC's offshore drilling platform different from onshore ones, such as providing hot water at different times, not only ensures meeting the offshore staffs' demand, but also realizes timing management of energy saving. Some offshore drilling platforms apply "vacuum" closestool without consuming water, and save water in high limit.



“Self-production and self-consumption” water saving promotes environmental protection

In April 2015, CNOOC’s first project of in-situ treatment and reinjection of production waste in platform was put into production in the “Qinhuangdao 33-1” Oilfield, and 400 m³/d of production waste is injected to reduce emission.

Recycle production water

In 2015, “Qikou 17-2” Platform cooled the production waste water and replaced fresh water with it as water clarifier to mix water source and saved 2,190 m³ of fresh water per year.

Salt-tolerant bacteria protect blue sea

CNOOC Weizhou Terminal applies the microbial biochemical reaction to purify organic matters and inorganic nutrient elements in production water, such as ammonia nitrogen etc., ensuring that discharged water reaches national level-1 emission standard.

Reclaimed water recycles turned waste into wealth

CNOOC Ningbo Daxie Petrochemical Ltd. recycled the standard treated wastewater by membrane separation technology, with 80% of recycle rate of waste water, and has developed and applied the catalytic ozonation technology to treat and recycle the waste water mixed with a large amount of impurity, filling the blank of China’s relevant technologies.

CNOOC Shandong Haihua Group Co., Ltd. developed a process by utilizing the ammonia evaporation wastewater to produce calcium chloride, and recycled all production waste water to produce calcium chloride and industrial salt, creating the precedent that the ammonia evaporation wastewater is not discharged into the sea in the world history of soda production.

Zero emission of mineral processing water

In 2015, CNOOC Hubei Dayukou Chemical Co., LTD. expanded the waste water treatment plant in tailing pond, increasing treatment capacity from 600 tons/h to 1,400 tons/h, and recycled all the treated waste water which was about 8 million tons annually, realizing the zero emission of waste water of mineral processing.

Waste water turning into fresh water

After upgrading and reconstructing its facilities, CNOOC Oil and Gas Development & Utilization Co., Ltd. utilizes the internationally advanced MCWong integrated unit of cavitation air flotation and biological aerated filter to treat waste water, with discharged water at Guangdong level-1 emission standard, saving 60,000 tons of fresh water per year.

Major special project of technological breakthroughs of water processing

In 2015, CNOOC Energy Technology & Services Limited conducted the technological research on “Highly Effective Treatment and Recycling of Petroleum & Petrochemical Water and Waste Water”. In the initiation review meeting, Qu Jihui, an academician of the Chinese Academy of Engineering and director of Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, believed that “The efficiently treated waste water replacing the fresh water meets the needs of industrial progress, and the study was universal and it was a great significance to CNOOC and progress of domestic waste water treatment industry”.

ENERGY CONSERVATION AND EMISSION REDUCTION

The energy conservation and emission reduction is the necessary choice for China's sustainable economic development. As a responsible corporation, CNOOC has consistently regarded energy conservation and emission reduction as essential methods to transfer development way and improve core competitiveness. Based on the philosophy of building "resource-conserving and environment-friendly" corporation, the Company implements the energy conservation and emission reduction in the whole process of production, circulation and consumption with the Energy Conservation and Emission Reduction Management System; the Company has continued to devote special fund to saving energy and reducing emission, relied on technological reforms to realize energy conservation and emission reduction targets, and advocated a green and low carbon way for production, lifestyle and consumption patterns all along.

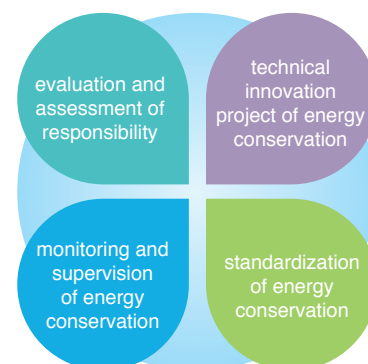
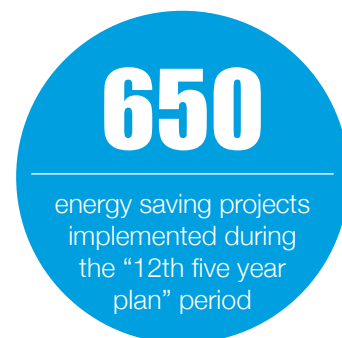
Energy Conservation

As an energy production and supply corporation, CNOOC upholds the principle of developing a green, low carbon, clean and renewable economy in mind, strictly complies with applicable national laws, regulations and policies in respect of energy conservation and emission reduction. The Company regards energy conservation and emission reduction as emphasis point to improve its development quality, benefits and performs its social responsibilities, improving core competitiveness and performing the environmental and social responsibilities.

The Company further implemented the energy saving target responsibilities of all its subsidiaries, carried out the construction of indicator systems of energy saving evaluation and energy consumption quota, comprehensively strengthened the consumption of energy consumption quota, improved energy conservation scientization and fine management; we strictly implemented the energy conservation evaluation and investigation system of fixed assets investment, attached great importance to source control, increased the intensity of reconstructing energy saving technologies, and improved the energy utilization ratio through technologies.

During the "12th Five Year Plan" period, the Company carried out 650 energy conservation projects with RMB 1.753 billion Yuan, conserved 1.89 million tons of standard coal equivalent accumulatively, and achieved average RMB 974 million Yuan of economic benefit annually, making its contribution to construction of ecological civilization.

In 2015, CNOOC's total energy consumption includes 1.947 million tons of standard coal equivalent, 4.64 billion kWh of electric power, 306,698.7 tons of crude oil, 327,686.1 tons of diesel, 6.82 billion m³ of natural gas, 19,896 tons of fuel oil, 3,979.5 tons of gasoline, and 34,698,519.9 MkJ of heat power. The Company realized 0.2731 tons of standard coal energy consumption per RMB 10,000 Yuan turnover, which decreased by 3.9% compared to the previous year and was lower than the annual planned value, and we saved 308,000 tons of standard coal equivalent of energy, 179.5% of the annual planned value. The energy consumption per unit of CNOOC's main products, such as oil and gas production, crude oil refining, sodium carbonate, synthesis ammonia, electric power, etc., decreases and continues to be in domestic leading level, and some products are in internationally leading level.



▲ Measures of energy conservation

📖 Reducing energy consumption at the source

CNOOC started reducing the energy consumption of offshore oil and gas production at the source. In September, 2015, the Company published the *Notice of Further Enhancing the Application of Energy Saving Technologies*, making requests for investigating 8 energy saving projects, including recycle of turbine-compressor set waste heat, recycle and utilization of the natural gas discharged from offshore platforms and onshore terminals, power grid interlink of offshore oil and gas field, and explaining the application of promoted energy saving technologies. If the energy saving technology is not well applied, the projects are not inspected. The technologies are all related with “control at the source”, reducing the energy consumption at the source of production.

📖 Stepless gas regulation saved power

In 2015, CNOOC Zhuhai Gaolan LNG Receiving Terminal closely communicated with design institutions and manufacturers, repeatedly adjusted the setting parameters of units, optimized the technological process, applied a stepless gas regulation system, and achieved more reasonable control of compressors and wider adjustment range of load, realizing continuous stable operation and better operability of units under low load, and further reducing the energy consumption.

📖 Backwater residual pressure displacing electric power

CNOOC Dongfang Terminal Treatment Plant second-period cooling water system was equipped with 3 sets of cooling water tower, and each was equipped with one 37 kW electric wind turbine to cool the natural gas processing system. Two sets of cooling water tower are operated normally, which consumed a large amount of electric energy. CNOOC Dongfang Terminal Treatment Plant, after learning the domestic advanced energy saving technologies, found that the residual pressure existed in cooling water returned from de-carbonization system to cooling water tower, and the computation showed that the pressure and flow of backwater could be used to drive operation of one wind turbine. CNOOC Dongfang Terminal Treatment Plant reconstructed the second wind turbine with residual pressure, and completed normal function of hydraulic turbine on December 9, 2015, completely meeting the production requirements, and saving 880 kWh of electric power per day and 320,000 kWh of electric power per year.

📖 The energy conservation in “Bozhong 26-3” Oilfield witnessed actual results

In 2015, “Bozhong 26-3” Oilfield carried out the recycle project of discharged associated gas based on the expansion projects and added a set of natural gas treatment facility in WHPA platform, realizing the comprehensive utilization of associated gas. The project recycles 75.6 million m³ of natural gas annually at stable stage, equivalent to reducing of 156,000 tons CO₂ equivalent/y of greenhouse gas emission. The project had a total amount of RMB 52.26 million Yuan and created RMB 41.58 million Yuan of economic benefit based on the price of recycled gas about RMB 0.55 Yuan/m³, and the recoverable cost was expected within 1.26 years.



▲ Natural gas processing facility in WHPA platform of “Bozhong 26-3” oilfield

📖 The affiliates in Guangdong Province over fulfilled the energy conservation indicators

The affiliates of CNOOC in Guangdong Province, such as CNOOC Zhanjiang Company and Zhongshan Jiaming Electric Power Co., Ltd., were among the best enterprises in 2015 Guangdong enterprises energy conservation assessment. During the “12th Five Year Plan” period, the above two companies accumulatively conserved 177,000 tons and 221,000 tons of standard coal equivalent respectively, which were 529% and 301% of energy conservation planned target, and over fulfilled the energy conservation indicators given by the Economic & Information Commission of Guangdong Province.

📖 Grid-connected photovoltaic power project began generating power

In November, 2015, the photovoltaic power project with EPC in Dongying Oil Terminal Plant, a pilot of CNOOC, was successfully connected and produced power, with 34 kW of gas power installation capacity and 44,000 kWh of clean electric power per year.

📖 Market mechanism of energy saving

During the “12th Five Year Plan” period, CNOOC conducted the pilot market mechanism of energy saving in its subsidiaries, and introduced market Energy Performance Contracting (EPC) to help some enterprise implement the reconstruction of energy saving, which not only avoided the fund and technological risks, but also brought benefits while reducing the cost of energy.

The operation mechanism of energy saving fully mobilizes the market resources. At present, China, depending on supportive policies, encourages the energy-saving companies to carry out energy saving service through EPC, and formulates national standards, such as *Energy Performance Contracting Technical Standard*, etc. The statistics showed that, during the “12th Five Year Plan” period, EPC was applied in CNOOC’s seven energy saving projects, achieving good effect.



▲ Garden plant located in the Sanya City, Hainan Province—CNOOC Nanshan Terminal

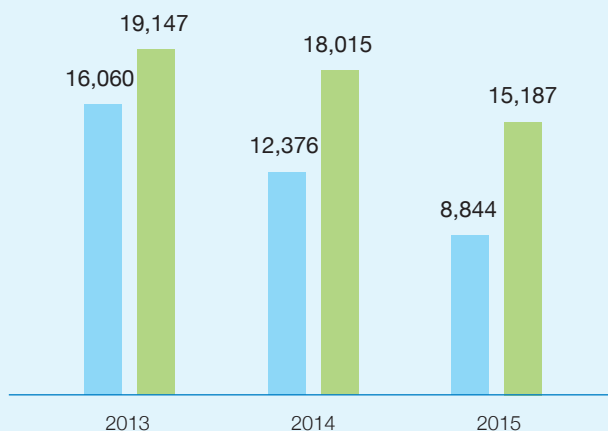
Emission Reduction

We continue our work in clean production and emission reduction. Based on the standard discharge, a ration system for total quantity pollutant is employed to assign the discharge indicators in a reasonable manner, procuring every working unit to accomplish the emission reduction goals.

Based on our information system for the environmental management, we implement an all-around management on “Three Wastes” discharged by the affiliated units at different levels, and take the filling, statistics, supervising and alarming of the pollutant emission data into the information management. In this way, we realize a flattening and delicacy management for the environment protection.

Emission of Sulfur Dioxide and Nitrogen Oxides

sulfur dioxide ■ nitrogen oxides ■ Unit: ton



Reducing emission of general pollutants

We continue adopting the method of “reducing scale, replacing fuels and taking measures” to promote the implementation of emission reduction projects, and promote treating environmental hazard through exhaust gas desulphurization and special refinery reconstruction of treating odor. In 2015, our emissions of SO₂, NO_x, COD and Ammonia Nitrogen were 8,844 tons, 15,187 tons, 1,723 tons and 149 tons, a year-on-year decrease by 29%, 16%, 2% and 67%, respectively.

Speical treatment of VOCs

In 2015, CNOOC, in accordance with relevant state policies, carried out the comprehensive treatment of volatile organic compounds (VOCs). The Company carried out the leakage detection and reparation (LDAR) of facilities in petrochemical enterprise in national air pollutant key control area, and produced a set of effective numbering rule of sealed point and its implementation procedures, possessing the technical data and resource to comprehensively promote LDAR in the Company and cultivating the internal LDAR detection personnel.

Management of dangerous waste

The Company delivered the dangerous waste to the qualified units for recycling and treatment, ensuring that the dangerous waste does not create environmental pollution.

Environmental emission reduction treatment

In 2015, Shandong Haihua Group Co., Ltd. constantly carried out the reconstruction project of environmental emission reduction treatment. After carrying out external desulfurization of generating sets in thermal power branch, improvement of environmental facilities, reconstruction of gas cooling of old line compression lower segment in soda plant, anti-seepage disposal of residue pond and storage yard, the company reduced 1,845.3 tons of sulfur dioxide emission, 2,394.2 tons of nitrogen oxides emission, 0.8 tons of COD emission, 155.1 tons of ammonia nitrogen, fulfilling enterprise’s environmental responsibilities.

Recycle of released associated gas promoting emission reduction

“Bozhong 26-3” Oilfield pressurized the discharged associated gas and transported to the southwestern Bohai Sea gas pipeline network, and realized recycle of the gas in reservoir to the greatest extent and reduction of discharged associated gas by making full use of available facilities and increasing the gas pressurizing facilities, which recycles 75.6 million m³ of natural gas per year at the peak, equivalent to reduction of 150,000 tons of CO₂.

Multi-measures for treating nitrogen oxides emission

In 2015, Huizhou Refinery effectively reduced the emission concentration of nitrogen oxides (NO_x) through reconstruction of gas turbine, and H₂O₂ oxidation desulfurization and denitrification. After reconstruction, the concentration of nitrogen oxides was decreased from 300 mg/m³ to 50 mg/m³, and the emission of NO_x was further reduced through H₂O₂ oxidation desulfurization and denitrification.

Large pilot effect of treating odor

CNOOC Ningbo Daxie Petrochemical Ltd. installed the desulfurization device in an atmospheric and vacuum furnace, controlling the discharged sulfur dioxide concentration between 40-50 mg/m³, far less than international standard (850 mg/m³). The desulfurization in CNOOC Ningbo Daxie Petrochemical Ltd. drove the odor treatment in companies around such as MITSUBISHI CHEMICAL, and the experience of treating the odor was promoted by the Zhejiang Environmental Protection Bureau.

Heat-power combined generation promoting emission reduction

On April 27, 2015, the heat-supply pipeline of CNOOC Gas & Power Group Zhuhai Electric Power Co., Ltd., transported the heated steam to the heat-supply pipeline network of Zhuhai Xinyuan Heat Power Co., Ltd., and the heated steam was supplied to social users. CNOOC Gas & Power Group Zhuhai Electric Power Co., Ltd. applies the combined cycle of gas and steam, and provides social users with heated steam while generating electric power, which increases energy utilization efficiency by at least 13% under the rated conditions of unit. Compared with separated heat-supply, Zhuhai Electric Power Co., Ltd., heat-power combined generation unit reduced the nitrogen oxides emission by 43.8% and smoke emission by 100%, almost without sulfur dioxide emission.

BIODIVERSITY CONSERVATION

In order to maintain a harmonious balance between the economic projects and ecological environment, the Company always makes it a point to pre-assess environmental risks so that it can identify the environmentally sensitive targets in the vicinity of the project and avoid environmental risks. Through the platform of CNOOC Marine Environmental and Ecological Protection Public Welfare Foundation, we have actively committed ourselves to the ecological diversity research and protection project, meanwhile, the Company positively participated in proposing environmental protection and making our efforts to create better ecological conditions for building a beautiful China.

📖 Constantly carrying out enhancement and release activities

In 2015, CNOOC continued to conduct China's inshore enhancement and release activities. The Company put 980 million *penaeus penicillatus*, large yellow croaker, *sparus latus*, eel and other marine featured and valuable and rare protected species into the sea, including 110,000 *tachypleus tridentatus* which is regarded as one of the oldest species on earth and "living fossil". It was of great significance to protect the marine life and conserve the fishery resources.

📖 Actively conducting plant of mangrove forest and corals

In 2015, CNOOC led the plant of mangrove forest and corals. The Company planted 520,000 mangrove forest trees with 310 acres. In addition, CNOOC volunteers fixed 200 coral seedings in 5 steel coral frame, and 6 certificated divers put them in soft sand of seabed, providing diversified ecospace for reproduction of marine organism.

📖 Independently developing the intelligent identification system of environmental sensitive resource

In 2015, the "Intelligent Identification System of Environmental Sensitive Resource" independently developed by CNOOC was online operated. The system divides the environmental sensitive information into 11 categories and 30 grades, scientifically formulates conservation priority, conducts intelligent identification of operational sensitive area and provides the parameters for quantitative analysis and scientific evaluation of offshore oil and gas field planning and influences on developing environmental sensitive area.

📖 Project of finless porpoise population quantity, breeding migration distribution and protection in the Huanghai Sea and the Bohai Sea

The finless porpoise listed among the Class Endangered and Protected Wildlife Species of China and in *Convention on International Trade in Endangered Species of Wild Fauna and Flora*, faces the severe living condition under pressure of deteriorative ecological environment and overfishing. In order to grasp the population dynamics of finless porpoise group and its individual behavior in the Huanghai Sea and the Bohai Sea, CNOOC formulates the constructive strategy of protecting finless porpoise and conducts the 5-year project of "Finless Porpoise Population Quantity, Breeding Migration Distribution and Protection in the Huanghai Sea and the Bohai Sea".

📖 Establishing the directory of intertidal shellfish germplasm resources

CNOOC established the directory of intertidal germplasm resources in the Bohai area, providing reference data for reasonable development and utilization of intertidal shellfish in Yellow River Delta.



DRIVING SOCIAL PROGRESS

CNOOC proactively promotes and adheres to the parallel performance of economic, environmental and social responsibilities. We believe that the fundamental of enterprise social responsibility is to facilitate the economy and employment by enterprise development. In 2015, the Company upheld the “people-oriented” philosophy, and cared for employees. We continued to devote to humanitarian engagements with a yearly total investment of RMB 168.22 million Yuan.



Stakeholders' Attention

- Fulfilling Social Responsibilities
- Employees' Rights and Interests
- Employees' Career Development
- Employees' Health and Safety
- Reflection of Employees' Value
- Information Disclosure
- Support of Community Organizations
- Support of Environmental Welfare Causes
- Promotion of Community Economic Development
- Establishment of Effective Communication Channels

Our Actions

- P50 Special Topic:
Maintaining Female Rights and Interests for CNOOC Flowers
- P52 Employee Development
- P60 Humanitarian Engagement
- P64 Integration into the Community
- P66 Voluntary Service



Action Performance

Employees

110.2 thousand

Average training duration per employee

81.3 hours

Investment in public welfare and charity

RMB **168.22** million Yuan

MAINTAINING FEMALE RIGHTS AND INTERESTS FOR CNOOC FLOWERS

CNOOC adheres to the principle of “gender equality, and equal pay for equal work”, and cares for female employees in terms of systems and actions. We establish the female labor union at different levels to safeguard female employees’ basic rights and interests, constantly improve their working conditions, and fulfill the regulation about female employees’ pregnancy and lactation leave, so that each female employee contributes their intelligence in each professional field and post.

COOEC Designer Zhou Meizhen

I am devoted to the design, and go to offshore platforms with male colleagues. The happiness comes to me when my hard work becomes the Company’s benefits. CNOOC gives our female employees the career development space same as that of male employees, and I am promoted to the vice manager from the designer step by step.



COSL Chemist Huang Yajie

The drilling slurry is always considered as a male-dominated job. However, I could do it as well as male colleagues, because I love testing.



CNOOC Enterprises Corporation Employee Wang Xun

My second child is one and a half years old. I sincerely feel the Company’s care for the mothers on the job. In the warm and comfortable nursing room, my awkward experience of breastfeeding first child is avoided, and thanks for the help of my leaders and colleagues, the expected anxieties do not come. The happy hour in work and intimate moments off work with two babies make me enjoy the splendid life.



Service Station Director Yang Xiaona

With the Company’s 3 levels systematic training and years of effort, I was promoted to the team leader and station manager from an ordinary oil supplier and led the sisters of station to create a “10,000 tons station”, and I am proud of that.





CNOOC Financial and Assets Department Vice Manager Wu Xiaoxia

I participated in overseas financial training course, manager training courses to constantly improve professional proficiency and management capability. I was promoted to the Vice Manager from an ordinary staff after competitive selection. I thought that we could realize self-value through hard work in CNOOC.



CNOOC Gas & Power Group Gas Pipeline Inspector Zhi Xiuhua

The inspection is a laborious work. However, the whole set of labor insurance supplies, drugs for snakebite and rods for hitting snakes make us at ease when walking in the forest and grass. The vacation system of 7 days on work and 7 days off work is thoughtful. In the big holidays, such as Spring Festival, the managers would invite our families to the station for dinner, and they call our inspectors as “natural gas guardian angel”, and my daughter is proud of that.



Champion of COOEC Skill Competition Refinery Team Zhao Xiaomei

Participation in constructing CNOOC Taizhou Petrochemical Co., Ltd., gave me a career and a family. I enjoy the welfare brought by the Company. I work diligently, and I am loved by the colleagues.



CNOOC Uganda Comprehensive Support Department Employee Aminah Bukenya

My manager is easy-going, and multi-cultural work environment make me feel comfortable. I have never experienced and heard the gender and racial discrimination in the Company. In the past 3 years, I've learned a lot and grow up quickly. I hope that I have a better future and become a manager through hard work.



EMPLOYEE DEVELOPMENT

Employees are the most valuable resource and asset of the Company. CNOOC pays close attention to staffs' interests and development, adheres to the principle of "People-oriented and care for employee", seriously fulfills its responsibility to the employees, respects their legal rights and interests, concerns itself with their physical and psychological health, expands their career development space and improves work environment for them to achieve the common development of the Company and the employees.

Rights and Interests

CNOOC strictly abides by laws and regulations of United Nations and the countries where the businesses are located, respects for human rights and pursues equality. We proactively advocate our partners, suppliers and contractors to make common efforts to observe relevant regulations. In the principle of fairness, impartiality and transparency and on the basis of qualities required for job, we recruit and use employees and strictly carry out various employment policies without any discriminatory provisions or behaviors to strive to establish a harmonious and stable labor relation, and maintain employees' legitimate interests.

Salary and Welfare

CNOOC strictly abides by the Labor Law, Labor Contract Law, Employment Promotion Law, annual leave with pay and other related laws and regulations, ensures the employees' legitimate rights and interests, and strives for providing the employees with salary and welfare competitive in the same industry. The Company gradually establishes the distribution mechanism that matches market mechanism and connects the working value and contribution, and then the employee could share the achievements of development of the enterprise.

The Company establishes the comprehensively effective employee welfare system, including social basic insurance (endowment insurance, medical insurance, employment injury insurance, unemployment insurance and maternity insurance), supplemented insurance (personal accident insurance, commercial supplementary medical insurance, and juvenile children supplementary medical insurance), and occupational pension and housing allowance.

The Company pays attention to and ensures the occupational and psychological health of all employees, establishes and improves the labor protection mechanism, strictly implements employees' periodic health examination and special health examination, and distributes the labor protection appliances and heatstroke prevention subsidy in time.

Employment Policies

CNOOC respects for staffs' legitimate human rights, value, individuality and privacy of staffs with different cultural backgrounds. The Company adheres to the principle of "gender equality, and equal pay for equal work", and treats the staffs equally without discrimination in terms of recruitment, training, promotion and salary, regardless of race, nationality, faith, gender, age, marital status and the special legal protection.

With the core of contract management, the Company standardizes the market labor management based on position management, revises the *Employee Recruitment Management Rules and Labor Contract System Implement Detailed Rules*, holds the labor contract management and personnel management training, and standardizes the labor contract management according to the law.

In 2015, we recruited 2,787 graduates, with 100% of signing rate of labor contracts and coverage rate of social insurances. The female employees accounted for 24.4%, and the middle-level and higher-level female managers accounted for 13.5%, minority employees accounted for 2.8%, and the total number of the overseas employees is 7,462, with 85% of localization rate of overseas staff. By the end of 2015, the total number of the employees was 110,200, with 7.4% of staff turnover rate. In 2015, the Company did not find any violations, such as child labor and forced labor, and didn't receive any complaint of human rights.

Democratic Management

CNOOC constantly improves the employee democratic management system, makes full use of employees' roles in the democratic decision-making, administration and supervision of the Company, effectively protects the employees' rights to be informed, to oversee, to participate and to be heard, safeguarding employees' democratic rights and legitimate rights and interests. Since 2008, the Company has carried out the investigation of employees' satisfaction according to the principle of "all-staff participation and scientific sampling". The employees' satisfaction in 2015 scored 7.74 out of 10, decreasing by 1% compared with 2014.

The Company, through the labor unions at different levels, protects employees' legitimate rights and interests, supervises Company's fulfillment of responsibilities and duties, with a 100 percentage of employees participated in labor union.

The Company perfects the enterprise democratic management system and the factory affair disclosure system with the basic form of workers' congress and issued the *CNOOC Work Instruction for Female Employees* and *Detailed Regulations for Establishment and Management of Workers' Congress*, to strengthen the rights protection of labor union organization. Channels to report employees' opinions and to transmit to lower levels were effectively unblocked and channels for democratic management were further broadened through the forms of collecting proposals for workers' congress, suggestion box, the General Manager Reception Day, publicity of factory affairs, replying on internet forum, WeChat, MicroBlog and other new media, etc., allowing employees to fully express their opinions and to participate in the democratic decision-making, administration and supervision.

In 2015, the Company has collected 26,763 items of rational advice from employees, in which 7,592 items of good advice were adopted.



📖 Employee participation in democratic management

In 2015, CNOOC Shanghai was awarded the “Shanghai Employee-satisfied Harmonious Enterprise”, and its president was awarded the “Employee-trusted Operation Manager”.

The company integrated workers' congress with annual working conference, and held them together, collected 116 proposals between 2013 and 2015, making quick implementation of proposals and democratic supervision. Proposal collection entered into normal state. The Company cleared the democratic management channel via ‘five small’ (small invention, small innovation, small conversion, small design, small suggestion) contest and proper proposal collection and ensured grass-roots democratic work. Verified proposal with signature should be publicly displayed and proposal information and disposal results should be brought into the public.

Career Development

With the “people-oriented” philosophy, CNOOC pays attention to provide the employees with equal and open growth environment and clear access to career growth and development. According to the characteristics of different specialized groups, we have designed three career development accesses including management, technology and work, and established a training system of “four in one” with respect to selection, training, assessment and promotion & qualification authentication to improve personal professional ability and work performance step by step in a planned manner.



Career Access

CNOOC always regards training and selection of excellent young talents as a significant strategic task of ensuring national energy supply safety and offshore oil sustainable development. When the employees join CNOOC, the Company individually tailors “Individual Development Plan (IDP)” for them, specifying occupational direction and formulating the measures of improving capacity.

The Company, making full use of position shift and communication, front line cultivation, appointment in local governments, and construction aid in poor areas, selects and cultivates the young cadres in hard conditions, urgent, difficult and dangerous tasks, and the front line of reform in a planned manner. We strengthen the cultivation and communication of international talents, with 30,054 person times of international talent training and 24 dispatched staffs appointed and rotated in the domestic position.

The Company implements CNOOC’s young talent training plan, selects 136 CNOOC’s first young talents and lists them in 3 year training plan, which is related with 5 major professions, such as exploration, development, drilling and well completion, offshore engineering, refinery & petrochemical and gas power, and 4 kinds of position, such as technological study, production technology, technological management and engineering management, and makes them become professional leaders, through special training of young talent.

The Company reinforces the management on occupational qualification. We improve the certification policies of internal occupational qualification, perfect occupational qualification management system, and strictly implement Company’s professional technical qualification management rules as well as 6 supporting detailed rules, constantly improving talent evaluation level. In 2015, 47, 495 and more than 2,000 individuals were qualified for the positions of professor-level senior technical professional, senior technical professional and semi-senior technical professional respectively. In terms of exploration, borehole and drilling and completion operation, 3, 97, 9, 45 and 308 individuals were qualified for senior general supervisor, general supervisor, senior project manager or above level, project manager and project professional engineer respectively.

The Company actively participated in the selection of national high-end talents. In 2015, 6 individual candidates and 2 advanced group candidates were recommended for such purpose together with 17 expert judges. 1 individual was selected as the academican of the Chinese Academy of Engineering, 2 individuals selected to the National BaiQianWan Talents Program, and Chen Miaomou from COOEC selected to National Qianren Plan.

The Company effectively promotes skill appraisal and published the *CNOOC Work Catalog* (2015), standardizing skilled position management; we have organized the development or revision of standards on 3 types of work and test libraries on 14 types of work, laying a solid foundation for training and appraising skilled employees; appraisals of junior, semi-senior, senior, technician and senior technician levels were organized for 59 types of work, with the number of appraisals totaling 9,103 person times. 240 middle-age and young technicians were trained and 54 individuals were organized to participate in high-skilled talent exchange activities, improving the professional levels of the high-skilled talents in an all-around way. We actively participated in national and industrial skill competition,

with the outstanding achievements: Li Zhibo from COOEC Construction Company was awarded No.1 in the Fifth National Skill Competition Electric Welder Finals; COSL awarded No.1 and No.2 Group, and Men Guangde and Li Maode awarded No.1 and No.2 Individual respectively; in Bench Worker Competition of the Seventh National Petroleum & Petrochemical Industrial Skill Competition, the Western South China Sea Oilfield and CNOOC China Blue Chemical Ltd. awarded first group prize, and Li Baolin from CNOOC China Blue Chemical Ltd. awarded No.3 individual.

“Face to face” between young managers and chairman

“I’m happy to hear and enlightened by many words with positive energy in your speech, such as responsibility, dedication, being pragmatic and bearing loneliness. CNOOC provides a big platform for young people and attaches significant importance to cultivation of young talents. I hope you can have a full understanding of the historic responsibility on your shoulders and put your thoughts and energy into undertaking. There must be returns as long as you have talents, dedication and hard work. Hopefully, you could have a brighter future and promote the future career of CNOOC!”

—Excerpt from Chairman Yang Hua’s comments during the interaction of young manager symposium in Guangdong



Career Training

CNOOC constantly improves the talent training system according to different levels and stages, creates the platform of employees' ability training and potential development.

In 2015, the Company compiled the *CNOOC Training Development Plan 2015-2020* based on the requirements of CNOOC Second Lead Forward Strategy on talent development and training. Under the guidance of plan, the Company emphasized on both long term training and short term effect, regarded compiling and implementing CNOOC's annual key training plan as emphasis point, and cultivated the important, urgently required and key talents, considering whole staff training of three teams. In 2015, the Company carried out 997,000 person times of training, with totally 7.23 million hours of training and average 81.3 hours per person, and implemented 61 CNOOC key training and systematic construction projects, with 4,221 participants, including 120 participants in 6 sessions of overseas training.

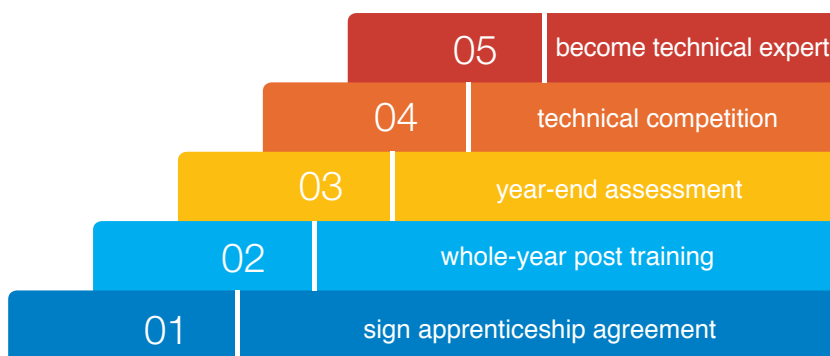
The Company advocates the principle of lifelong learning, complies the "Individual Development Plan" based on categorized, hierarchical and systematic training course system, summarizes and analysis employees' comprehensive and professional training requirements, which is implemented in individual performance assessment and training system, gradually improving employees' professional level.

We expanded employees' informatization training channel and introduced several training forms, such as Internet+. We actively encouraged staffs' online learning in information platforms, such as "Employee Electronic Bookshop", "CNOOC Network Video Platform", "On-line Schools", "Learn in China", etc. Moreover, based on the technical and platform support from WORKERCN. CN of All China Federation of Trade Unions, the employees and their family could read 1,000 domestic publicly issued electronic journals, and 500 types of trade newspaper, and 100,000 electronic books at all times and places.

Year	Training person times	Total training hours	Average training hours per person
2015	997,284	7,230,804	81.3
2014	1,049,696	7,815,920	87.5
2013	982,948	9,955,093	95

📖 Huizhou refinery's progressive post training

The Huizhou Refinery established "Progressive Post Training" Plan for young employees. In addition to daily training and competition, the post assessment is conducted at the end of the year, and the staffs listed in top 15% participate in technical competition next year, and the winners are awarded company's "Technical Expert". The "Whole-year Post Training", such as one question per day and accident drill, is conducted. An aggressiveness learning and working environment is created for young staffs through whole-process and all-around training support and encouragement.



📖 Operational cost management training class in the United States.

CNOOC, in order to cope with the severe situation of oil and gas industry, held 21-day operational cost management training class in the United States, with 15 managers and experts occupied in production & development and cost control.

The trainee applied what they learned in training to strengthen the ability of controlling the cost in front line and field, realizing cost reduction and efficiency enhancement and remarkably reducing annual operational cost.

📖 The first China offshore general supervisors training class held by CNOOC

The general supervisor is the first responsible officer of production safety of offshore platform. CNOOC, in order to ensure the energy supply safety and create a team of “diligently learning, being good at reform, focusing on efficiency, and abiding by the rules”, held the First China Offshore General Supervisors Training Class.

Chairman Yang Hua, the first lecturer of class, encouraged the trainee to put forward the strategies boldly when facing the great challenge in production and operation, and make effort to build an internationally top energy company with Chinese characteristics. The training applied central teaching, case analysis, meeting and communication, experience sharing, cutting-edge technologies and new management methods related with development and production.

Career Health

With the “people-oriented” philosophy, CNOOC constantly perfects occupational health management system, actively improves the operation environment, strengthens the identification, analysis, evaluation and control of occupational disease hazard factors in workplaces, and comprehensively applies occupational health management system, realizing entire coverage of occupational health surveillance. In 2015, pre-evaluation on 112 projects for occupational disease hazards and evaluation on 118 projects for the effect of occupational disease hazard control were taken, with 100% coverage of occupational disease hazard periodic surveillance and the occupational health examination rate reached 99.57%. Four occupational noise deaf cases were found and the patients were properly arranged according to the national requirements.

The Company focuses on staffs’ physical and psychological health, and enhances health promotion through “Health embraces CNOOC”, the CNOOC employee health promotion management system. CNOOC launched the psychological health information service, and pressure and psychological health management expanding to offshore staffs and parts of staffs in the headquarters and institutes. In China’s sea, 52 offshore platforms constantly conducted the pressure management service, positively relieving the staffs’ mental stress.

The Company vigorously carried out the occupational health surveillance and evaluation to actively improve service. In 2015, CNOOC’s two occupational health service units carried out the pre-evaluation on occupational disease hazards for 26 projects, evaluation on the effect of occupational disease hazard control for 22 projects, assessment on the status quo of occupational disease hazards for 14 projects, and occupational disease hazard surveillance for 91 projects.

The Company strengthens the occupational health professional training aiming at HSE administrative staff at different levels, further improving the occupational health management level. CNOOC Disease Control and Prevention Centers applied the professional training combining “external training” and “internal teaching”, with 65 person times of dispatched training and 49 times of internal training.

📖 Oilfield held “Mood Wall”

Staff of Platform “Lvda 32-2” attached magnetic sticker on the “Mood” panel with the name of the person on duty and emotions to express their feelings.

“If you are happy, let us share happiness with you; if you are unhappy, let us help you”. This small panel, which is called “Mood Wall” by the staff, made everyone work in a light atmosphere.



📖 Bohai Sea Oilfield pays attention to employees' physical and psychological health

Bohai Sea Oilfield established Home of Staff, which is provided with a sand table projection system, a brain electricity attention training system, and an emotion relaxation system, helping the staff to achieve psychological pressure reduction and psychological counseling by themselves and making the Home of Staff their mind harbor.

The Company performed the health promotion program for offshore platform staff, starting from weight control. With *CNOOC Employee Health Promotion Management System*, the Company took two months long intervening measures in aspects of diet, exercise, and health education. In the meanwhile, the Company also held health salon and health maintenance contest, motivating staff to be involved.

90% offshore participants understood scientific exercise knowledge, 78.9% high blood pressure participants and 46.7% hyperglycemia participants had their health indicators recovered, 48.7% participants lost weight with average of 1.2 kilogram and maximum of 3.8 kilogram. The first-level managed objects reduced 23, among which 12 persons were converted into second-level managed objects and 11 persons were converted into third-level.



📖 Offshore "fitness craziness"

Platform "Bozhong 26-2" selected health maintenance methods and summarized "two-hour exercise".

The "two-hour exercise", which is performed in the morning (6:00-7:00) and before sleep (21:00-22:00), is composed of breathing exercises, squatting backwards the wall, and jogging.



"Doing exercise together not only improves the intimacy among colleagues but also relaxes our minds and bodies, accumulating energy for the next day's work".

—A post-90's operator Xu Xin

📖 "Psychological Share and Convergence" of online relaxation was praised by the staffs

CNOOC established an online platform via new media to achieve interaction between young employees and psychological consultants. The Company invited national second-level psychological consultant to interact with almost 400 employees and the public on the WeChat public platform around the topic of "how to relieve workplace stress". People commented that this is a "psyche SPA".



Caring for Employees

Employees are the source for sustainable development. We uphold the philosophy of “people-oriented” and adhere to the distribution principle of “efficiency first, considering fairness”, establish a linkage mechanism and a normal growth mechanism for employee remuneration and outcomes of enterprise development, leaning towards the front-line and low-income, low-level posts. The Company improves employee welfare system, highly emphasizes on assisting needy employees, and helps the family of needy employees in time to settle employees’ troubles of everyday life. The Company constantly improves employees’ working and living conditions, carries out various caring staffs activities, strives for ensuring that employees balance work and life, help promote employees’ happiness.



Balance Work and Life

Little gift spreads the warmth

In CNOOC Gas & Power Group Zhuhai LNG, average age of staff is 28 and workers at the production line account for 80%. A collective birthday party was held every two months. Birthday wishes and small gifts could relieve the homesickness and avoid hidden danger caused by negative emotion during the safety production.

“This ‘auspicious beginning’ ornament is the first birthday gift for me, and I like it very much”.

—New employee **Lin Heli**



10m² of love for care

The Company advocates breast feeding. After being awarded the plaque of “10m² of Love” by UNICEF, CNOOC Enterprises Corporation continued to create a warm home for female employees in CNOOC Mansion. The nursingroom was upgraded to 18 square meters, making it warmer and sweeter. Caring about health of mothers during pregnancy, Zhonghai Trust Co., Ltd. established a “small mommy room” equipped with a refrigerator, a sofa, tables and chairs, bookshelves, and sockets, providing a private, clean, comfortable and safe rest area.



Family open day for deep CNOOC love

Open days of offshore platform for staff relatives has become a “tradition” to care about CNOOC staff.

In 2015, “Nanhai No.5” drilling platform, “Bohai Century” FPSO, and Caofeidian Oilfield invited employees’ wives for visit. Wives and children of employees gather offshore and feel the working scenario and environment, having a better understanding of the significance of offshore oil career.





Offshore
working & living

Assisting Needy Employees

In order to help employees in difficulties, the Company took the initiative to create assistance model combining “relief, service, and poverty alleviation”, issued *CNOOC Employee Poverty Alleviation Management Method (Trial)*, and carried out activities like helping internal needy employees, assistance volunteering, and donation to achieve “door to door” poverty alleviation. In 2015, special fund for poverty alleviation total RMB 20 million Yuan was allocated to help over 5,000 person times.

When sudden disasters like “8·12” Tianjin Harbor explosion and super typhoon “rainbow” in Zhanjiang happened, the Company allocated emergency assistance fund of RMB 1 million Yuan and RMB 600,000 Yuan to Bohai Petroleum Administration Bureau Labor Union and the Western South China Sea Oil Administrative Bureau Labor Union respectively, delivering the Company’s concern to employees.

20 million Yuan
special fund for
poverty alleviation



HUMANITARIAN ENGAGEMENT

Humanitarian engagement is one of the main methods to fulfill our social responsibility. CNOOC Marine Environmental and Ecological Protection Public Welfare Foundation is the unified management platform for public welfare programs such as charity and environmental protection carried out by CNOOC. In 2015, we made efforts to fixed-point poverty alleviation, caring for students, special public welfare and other philanthropies.

Fixed-point Poverty Alleviation

CNOOC adheres to the poverty alleviation principle of “overcoming difficulties, supporting foundation, blood generation and establishing long-effect mechanism”. With 20 years of endless investment, love and responsibility have never ceased. We help implement the poverty alleviation programs and carry out the targeted poverty alleviation in the fixed-point poverty alleviation cities and counties under Hainan Province, Gansu Province, the Inner Mongolia Autonomous Region and the Tibet Autonomous Region, and accelerate overcoming poverty and achieving prosperity of the local residents, enhancing local “blood generation” capacity.

By the end of 2015, poverty reduction fund of RMB 130 million Yuan has been invested, and 21 cadres have been sent for poverty alleviation. Over RMB 260 million Yuan has been invested and 10 cadres to aid Tibet have been sent. Twenty years’ endless investment, and love and responsibility never ceased.

📖 CNOOC's love fills Zhuozi

Zhuozi County is located in middle part of Ulanqab, Inner Mongolia Autonomous Region. It has a population of 220,000 and it is a national-level poverty-stricken county. With almost three years’ effort, roads, hospitals, and dykes constructed with the help of CNOOC have improved the lives of local people.

Improving the traffic for selling the grain

“In the past, most harvested grains could only be kept at home. Now Huangyushan Yakou Road can be used and grain can be sold outside”.

—Farmer Qiao Cunkui

Construct the hospital to solve the difficulties of medical treatment

CNOOC donated RMB 3 million Yuan to Zhuozi County, which was used to construct the Infectious Disease Building of Zhuozi People’s Hospital.

“With the infectious disease ward, the local residents do not need to be sent to the hospitals in the surrounding cities and counties when they suffered from infectious diseases, such as jaundice and measles”.

—CNOOC poverty alleviation cadre Wang Xiancai

Construct the flood embankment to eliminate the living danger

In 2015, CNOOC and local water conservancy departments make effort jointly to build a 600 m long and 20 m wide flood dike and 400 m water channel, which resolved all irrigation problems of Guaijiaopu Village.

“I appreciate CNOOC’s help in solving a big problem. In the heavy rain two days ago, debris flow entered the Daheihe River along the flood dike, and the village suffered nothing”.

—Fuxing town chief executive Guo Hui





Love and responsibility have never ceased for 20 years.

—Summary of CNOOC's poverty alleviation and Tibet aiding

For more information, please visit <http://www.cnooc.com.cn/data/html/newstopic/2015-10-21/chinese/286145.html>

Caring for Students

CNOOC makes efforts to improve the education environment of poverty-stricken areas, and help the students in these areas grow healthily. By aiding the construction of Hope Schools, funding needy college students and others, we reduced the financial pressure on students from impoverished families, created a good learning environment for students and enhanced the education level of poverty-stricken areas.

“CNOOC University Educational Assistance Fund Program” was set jointly by CNOOC and China Soong Ching Ling Foundation, and has experienced 12 years. A total of RMB 38 million Yuan was invested funding more than 12,000 needy students in 37 universities.

“CNOOC University Educational Assistance Fund Program” 2015 school year project signing ceremony was held in Beijing Soong Ching Ling's Former Residence, opening the prelude of next period cooperation.

38 million

donation of CNOOC
University Educational
Assistance Fund
Program

12,000
person times

subsidizing students
by “CNOOC University
Educational Assistance
Fund Program”

Constantly supporting Hope Schools

CNOOC has never stopped sponsoring education in hope schools. Before the International Children's Day in 2015, the children from 5 COSL Hope Schools received the colorful, high quality schoolbags, books, pencils, etc. The children from deep mountains feel the deep love from CNOOC.



Help the children in the Xinnan Village return to school

The CNOOC Western South China Sea Oil Administrative Bureau carries out the fixed-point poverty alleviation in 4 elementary schools in the Xinnan Village, Guangdong Province, and adheres to visiting and subsidizing the students from needy families. After the 22nd super typhoon “Caihong” stroke Guangdong, they donated schoolbags and stationery to 100 needy students in 4 elementary schools in the Xinnan Village, and help the children return to school.



China National Offshore Oil Industry Exhibition Hall takes hands with Jiayin County

China National Offshore Oil Industry Exhibition Hall held the third “Children in Needy County Visiting CNOOC” activity, and invited 10 high quality students from the Hu Jiayang Middle School of Jiayin County, Heilongjiang Province, to visit the China National Offshore Oil Industry Exhibition Hall. The children learned the development history, advanced technologies of China’s offshore oil industry, and planted the blue dream in their heart. The children drew the beautiful wish with paintbrush, and received the shoolbag, books, notebook and paintbrush donated by the staffs of CNOOC Enterprises Corporation.



Special Public Welfare

Mother Water Cellar Project

In 2015, RMB 2 million Yuan of fund contributed by CNOOC were mainly applied to the project of “Mother Water Cellar · Beautiful Village”, including the “Mother Water Cellar · Campus Safe Water” project in the middle and elementary schools in Yan’an and the construction of “Mother Water Cellar · Rural Water Conservancy”.



▲ “Mother Water Cellar · Campus Safe Water” project

Connecting Project in Pengyang County for Water Safety in Ningxia

CNOOC continues to support the connecting project in Pengyang County for urban-rural Drinking Water Safety Project in the Central and South Ningxia which resolves the problem of drinking water safety of urban and rural mass in county town, Honghe District and Ruhe District of Pengyang. CNOOC assigned several investigating and survey teams to carry out the field investigation of the progress. In 2015, the main work of the main pipelines was completed basically, with 31.2 kilometers of pipelines, and the civil works of the Wulishan Water Treatment Plant were completed.

Lifeline Express

CNOOC was awarded the Sunshine Feat Prize by China Lifeline Express because of 12 years' support and contribution to "Lifeline Express".

In 2015, CNOOC continued to donate RMB 1 million Yuan to build a cataract treatment center in Longxi County's First People Hospital, Dingxi City, Gangshu Province, the third cataract treatment center sponsored by CNOOC, equipped ophthalmology devices and train the professional physician. CNOOC also sponsored the construction of ophthalmology microsurgery training center in the Hainan Province's People Hospital, serving the local residents.

"1+1" Legal Volunteer Program

In 2015, Yang Yanping and Ma Lan, the volunteer attorneys assigned by "1+1" China Legal Volunteer Program sponsored by CNOOC, were awarded "Most Popular Law Figure of Central State Organs" and "CCTV 2015 Law Figure" respectively, which were not only their individual honors, but also the plentiful results of constantly supporting legal aid, enhancing the improvement and guaranteeing people's livelihood by CNOOC.

Ma Lan visited five remote provinces and regions, with 60,000 kilometers of travel, 30,000 times of law popularization, and more than 300 cases.

In her diary, she wrote "I am an ordinary lawyer, and I feel a sense of fulfillment for doing something for the people in poor Western China".



▲ CNOOC's field investigation of Drinking Water Safety Project



▲ "Lifeline Express" brought benefits for the local residents



▲ Lawyer Yang Yanping visited the residents

INTEGRATION INTO THE COMMUNITY

CNOOC proactively commits to serve the community, create harmony and bring benefits to people, establishes the periodic communication with community, listens to rationalization proposal of local governments and community residents, with 100% of environmental and social influence evaluation of new projects. We make efforts to share our resources with communities, proactively carry out community building, and pay back with our development. We help the residents settle life difficulties, improve local ecological environment, create safety and harmony in the communities. We constantly carry out the heart-warming projects to effectively improve the residents' living standard, drive the community culture construction, and build a beautiful home.

Maritime Rescue Accompany You

In the past few years, the Company, taking advantage of our resource, actively participated in social marine rescue on the premise of ensuring the operation safety. In 2015, COSL participated in 16 times of marine rescue, with 16 times of shipping, rescuing 14 ships and 58 persons.

The dictionary project lightens the children's future

The "Lightening the Future" education supporting program, jointly established by CSPC and Daya Bay Publicity and Education Bureau in 2015, donated the reference books to new students of local elementary schools and junior schools to provide with convenience for study, which is conducive to study independently.

The "Lightening the Future" program selected five elementary schools, namely the Daya Bay Aotou experimental school, the Yuying primary school, the Xinghan primary school, the western second primary school and the Daonan primary school, as pilot, and donated new English dictionaries to nearly 1,300 new students.



📖 Protecting the cultural relics to construct harmonious society

The CNOOC Datong coal gas project is located in Zuoyun County, Shanxi Province, which has a long historic culture and more than 200 immovable cultural relics. The project preparation group paid high attention to preservation of cultural relics, optimized and adjusted plant orientation during site selection, and reduced the immovable cultural relics in land where the project occupied from 5 to 2. In 2015, the project preparation group invested RMB 4.647 million Yuan to complete the exploration, definition and salvage archaeology in 458 hectares, with 32 bases of ancient tombs in Ming and Qing Dynasties salvaged.



📖 “Hai Yang Shi You 676” rescued the seaman in danger

On September 14, 2015, an external engineering ship conducting the operation in waters surrounding Naozhou Island of Zhanjiang Port, influenced by 19th tropical storm “Huangao”, was possibly overturned at any moment, and 18 seamen faced life risk. At 13:00, “Hai Yang Shi You 676” moved to the field at full speed after receiving the rescuing information, conquered the difficulties of complex offshore conditions and large surge, formulated the careful JSA risk analysis according to real-time weather condition, and the ship in distress successfully berthed after several times of trial, rescuing all seamen in danger.



📖 CNOOC has deep friendship with the residents in communities

CNOOC adheres to make more residents familiar with CNOOC and learn the knowledge about the offshore oil industry. The staffs actively integrated into the communities when getting along with local residents, and built deep relationship with the local residents through respecting and loving mutually as well as helping and learning from one another, promoting the development of local communities and improving the cultural and living standard of local residents.



VOLUNTARY SERVICE

CNOOC constantly advocates and promotes the voluntary services. In 2015, CNOOC actively engaged in various voluntary service activities, making use of different forms to send warmth, advocated oceanographic knowledge, and provided charitable service for needy employees and social vulnerable groups. 2,000 volunteer activities of various forms were organized throughout the year and more than 20,000 employees participated in the activities.

The “Blue Force” youth volunteer brand activity, organized by CNOOC’ Youth League committee won “China’s Enterprise Ten Green Activities” of UN Global Compact China Internet, and Bronze-prize of the Second China’s Youth Volunteer Service Competition. CNOOC won “Best Responsibility Management Innovation Prize” in conference of “Youth’s Attitude · Large-scale enterprise Responsibility Evaluation”.

📖 Love lightened the childishness

The youth volunteers from Bohai Sea Oilfield visited the Tsingtao Caocun Elementary School, lectured on offshore oil knowledge, receiving the warm welcome of children.

Youth volunteer Zhang Heng and ten volunteers from units in Tanggu visited the Waducun Elementary School, Ninglang Yi Nationality Autonomous County and built an enclosure wall at their own expense, gave children haircut and distributed toys, and built a small library for them. The volunteers bought the shirts and played a basketball game with children, visited the families of Mosuo girls who have to drop out, and checked whether the beneficiaries drop out.



📖 Donating hematopoietic stem cells to cast boundless love

In 2015, 6 staffs from Bohai Sea Company completed the blood specimen collection in the Red Cross Society of Tianjin Binhai New Area, and became donation volunteers of hematopoietic stem cell. The data are put into the China Marrow Donor Program (CMDP), and the volunteers will bring the hopes of survival to the patients with hematopoiesis and immune system function disorder, such as leukemia, etc.



📖 Converge “Blue Force” with action

On June 8, World Ocean Day, CNOOC “Blue Force” volunteers cared for and safeguarded the ocean with practical action, and thousands of youth volunteers carried out “Blue Power · Love Marine” environmental activity in various regions. The “Blue Force” youth volunteers gathered in Sanya Bay to clean the sandbeach coastline. CNOOC’s volunteers planted 2,000 mangrove forest trees in Kaoyangzhou, Huidong County.





2015 CSR REPORT OVERSEAS

Deeply Integrating into Global Economy
Joint Development for Bright Future

ECONOMIC GROWTH

Overseas Development

In 2015, CNOOC constantly improved international operation level. We have more diversified overseas oil and gas assets and layout, including oil and gas exploration and development, professional technological service and LNG production, storage and transportation, with overseas business in more than 30 countries and regions, and construct several overseas oil and gas production bases, with overseas assets accounting for 37.2% of the total assets at the end of the year. In 2015, CNOOC signed addendum No.1 to memorandum of understanding with Gazprom, and the *Significant Clause and Agreement of Enhancing Cooperation in Daya Bay* with Royal Dutch Shell. Our position in the Petroleum Intelligence Weekly (PIW)'s World's Top 50 Oil Companies is 32nd.

CNOOC Ltd.'s international operation achieved great results. CNOOC ranked 4th in the Platts Top 250 Global Energy Company Rankings and 1st in the industry breakdown of Oil & Gas Exploration and Production Company and the regional breakdown of Asia/Pacific Rim, and was awarded by the Corporate Governance Asia journal the "2015 Best CSR" and "2015 Best Investor Relations Company". In 2015, CNOOC Ltd. had 31.97 million tons of crude oil and 10.8 billion m³ of natural gas overseas. By the end of "12th five year plan" period, the oversea oil and gas productions were 4.6 times and 2.6 times those at the end of "11th five year plan" period.

COSL took a new step to overseas market. COSL has been selected as a constituent stock of the "Hang Seng A-Stock Corporate Sustainability Benchmark Index" for 4 years consecutively and a constituent stock of the "Hang Seng A-Stock Industrial Leading Index" for the first time. With ten

years of effort, COSL has become one of the biggest drilling contractors in Gulf of Mexico; COSL's drilling successfully entered Russian market, filling the blank of market; returned to Indonesia market and achieved the only two bidding projects in this area; the first North America Operational Supporting Base was approved by expert team; "Hai Yang Shi You 981" successfully finished its first overseas operation. COSL was awarded by clients "Best Contractor Prize" many times.

COOEC expanded the international layout. COOEC has 12 overseas branches, and was awarded the Annual Excellent HSE Management Prize by Japanese JGC Corporation in global contractor evaluation and appraisal. With excellent construction performance and capability, COOEC Tsingtao Branch was awarded by Shell the highest level "Green" Standard Acceptance Certificate, and upgraded to level-A qualification of offshore oil engineering professional contract.

CNOOC Energy Technology & Services Limited made a significant breakthrough in international market. The company won the bidding of FPSO project in Indonesia, constructed oceanic ecological safety corridor, and established overseas offices as supporting platform for opening overseas markets.

CNOOC Gas & Power Group Ltd. created a new chapter of international operation. The company imported 13.16 million tons of LNG annually. The Curtis project in Australia was completed and put into production, which was China's first world-class LNG production base.



📖 Nexen Petroleum UK Limited won Enhanced Economic Recovery Prize

On 5 November, Nexen Petroleum UK Limited won Enhanced Economic Recovery Prize in the 2015 Oil and Gas Award Party, which was firstly set by OGA UK.

Under the background of low oil price and severe condition of oil and gas industry, Nexen Petroleum UK Limited actively conducted cross industry benchmarking, carried out the activity of detail improvement. With the excellent achievement of cost reduction and efficiency enhancement, Nexen Petroleum UK Limited was awarded the First-Prize of Enhanced Economic Recovery.

In the past year, Nexen supply chain anagement team, working collaboratively with cross-divisional teams in our Canadian Operations, and applied a series of trans-department cost reduction measures, saving 36 million dollars of purchase cost.

📖 The domestic platform entered the Brunei Sea Area

On August 8, CPDP49 Module of the Brunei BSP Project was loaded in COOEC's Tsingtao field, and the first-period construction was completed, which was the first time that China's independently built offshore oil platform entered the Brunei Sea Area. The project helped enhance COOEC's brand influence and market share in Brunei, and promoted the strategic implementation of "the Belt and Road Initiative". At present, COOEC has established the branch in Brunei to actively track the Brunei BSP following project, impacting the potential cooperation projects in the surrounding regions.



📖 China's first overseas world-class LNG production base was completed and put into production

On May 20, China's first overseas world-class LNG production base, the Curtis project, was put into production. The project is located in Queensland, Australia, and is the first world-class LNG project with coalbed methane (CBM) as gas source. As the second stakeholder and investor of project, CNOOC Gas & Power Group Ltd. acquired 15%-25% interests of upstream assets, and 50% interests of the No.1 Production of midstream liquefaction plant. By the end of 2015, CNOOC Gas & Power Group Ltd. accumulatively invested USD 6.5 billion, CBM production reached 35 million m³ per day, and annual capacity of two production lines of liquefaction plant reached 8 million tons.



📖 "COSL Pioneer" Platform was awarded by Statoil the first title of "Perfect Well"

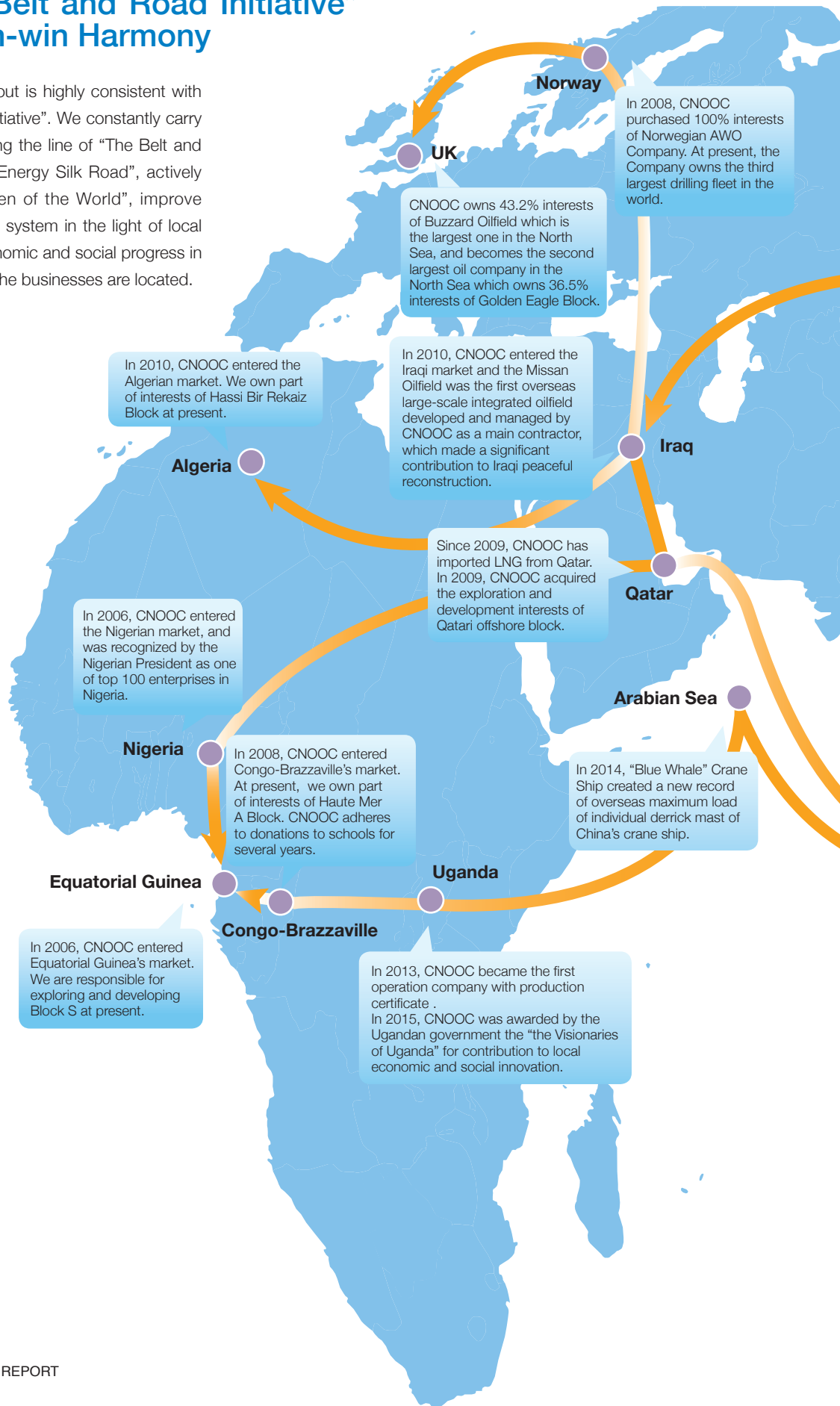
"COSL Pioneer" Platform was awarded by Statoil the title of "Perfect Well" with the excellent operation efficiency in Well "P-22" of Troll Block, which was Statoil's first honor of "Perfect Well" and a new operation miracle created by "COSL Pioneer" Platform after two awards of "Platform of the Month" in the North Sea area.

The planned finishing drilling time of Well "P-22" of Troll Block was 102.8 days, and the client's target time was 75.8 days. With the excellent communication and coordination, refined management and high standard service, "COSL's Pioneer" Platform finished the drilling with 62.8 days, 40 and 13 days ahead the planned time and the target time of Party A respectively, and only 0.4 day more than 64.4 days of the record of "Perfect Well" designed by Statoil. In the operation, the platform also broke five records of "Perfect Well", such as 8 1/2" borehole operation and sidetracking operation, etc.



Carry out “The Belt and Road Initiative” to Co-create Win-win Harmony

CNOOC’s overseas business layout is highly consistent with the line of “The Belt and Road Initiative”. We constantly carry out the energy development along the line of “The Belt and Road Initiative”, create “Marine Energy Silk Road”, actively fulfill the responsibility of “Citizen of the World”, improve social responsibility management system in the light of local conditions, and promote the economic and social progress in the countries and regions where the businesses are located.





Create "The Belt and Road Initiative" ecological safety corridor

CNOOC, based on the present overseas blocks, promotes the overseas safety environmental protection ability, and creates the Indian Ocean—Middle East—Africa—Europe oceanic ecological safety corridor to provide the safety environmental services, e.g., oil spill treatment, emergency response and environmental monitoring and recovery, to energy cooperation along "the Belt and Road Initiative".

Compliance Operation

Compliance operation has become an insurmountable “red line” of overseas business.

In 2015, CNOOC paid close attention to overseas investment risks, inspected overseas assets in coordination with SASAC, and examined loopholes in overseas investment management. In the audit of overseas joint account book, the governance of Chinese joint operation organizations was involved. The Company strengthened supervision of major projects, and allocated auditing resources to perform tracking and monitoring in the overall process. With focus on high-risk segments and new business areas, intensive and in-depth auditing was performed. The Company held the first senior seminar on overseas risk management, internal audit, and anti-fraud, gradually establishing normalized working mechanism. The overseas audit case *Addressing Overseas Problems, Maintaining National Rights and Interests* was selected in “top hundred audit cases” of China Institute of Internal Audit.



Overseas Compliance Training Witnesses Actual Results

In 2015, CNOOC held the first senior seminar on overseas risk management, internal audit and anti-fraud, and sent 28 related business personnel to the United States for a one-month special training. For this training, the Company invited specialists and scholars of well-known universities and senior executives of business circle in America to give systematic lectures. Courses mainly include *Foreign Corrupt Practices Act* of countries where business is located, interpretation of COSO framework (2013 Version), introduction of requirements on anti-fraud for auditors in SAS99, prevention and countermeasures of commercial fraud and instrument and techniques in investigation of fraudulent conduct. Students also had an in-depth communication with internal audit and risk management teams of well-known enterprises in the United States, e.g., DELL, Baker Hughes, and Technip SA FR-TEC. Most students gave the feedback that this training gave them access to understand system design and main experience in anti-corruption and anti-fraud in the United States and UK, and provided them with effective knowledge for overseas compliance management.



Build a firm fence for overseas assets management

Most countries where the business is located are backward in economy, laws and regulations. Starting from audit of joint account books of contracts, the Company supervises spending of project cost via auditing, which lays firm foundation for better exploiting local resources.

Generally, the goal of joint account book audit is to verify expense and income of the previous year or two years, ensure the correctness and reasonability, and supervise and confirm the compliance of operators. But for projects with high investment, long cycle, complex contracts, and difficulty in communicating with operators, the audit team extends the content of audit goal: paying special attention to joint fees of joint operation and related content of partners, dealing with and analyzing audit data and observing regularities and abnormalities and providing analytic recombination, conducting spot check with a certain proportion of samples for high-risk aspects and performing rechecking calculation, having an interview with operators and understanding specific practices and logic, offering solutions and suggestions to decision-making leaders. This enhances control on joint operation program and improves efficiency and effectiveness of overseas assets management.

Safe Production

With the core of strengthening the construction of safe production system, CNOOC timely grasps the key nodes of security management of overseas and new projects, and pays attention to the important changes and potential risks during their implementation, to provide timely and effective risk prognosis and technical support and ensure “essential safety” of overseas program.

In 2015, CNOOC strengthened establishment of overseas emergency system and improved emergency and security plans for Iraq and Burma, compiled HSE plan of overseas oilfield service program for high operation risks in the overseas oilfield service operation areas, and strengthened exchange and popularized good overseas HSE management practices.

📖 Nexen properly tackled the pipeline leakage

On July 15, 2015, the leakage of 5,000 m³ emulsion occurred in Nexen Long Lake KIA pipeline in southern Fort McMurray, Alberta, Canada and influenced about 21,900 m² of region around the pipeline, and there were no casualties.

When the accidents occurred, Nexen immediately launched the emergency plan and carried out a series of measures on the premise of ensuring staff and public safety to minimize the influence on the environment and wildlife.

Nexen issued the relative news in time, and actively communicated with the general public, media, original residents and other stakeholders through press conference and media field visit. In addition, the cleaning progress and plans were updated timely in website of Nexen.

Under the supervision of regulatory agencies, Nexen carried out the cleaning and field recovery in an orderly manner after the accident occurred, and fully cooperated with the regulatory agencies to conduct the accident investigation.

Up to now, the bitumen on the surface of leakage field is basically cleaned out, and the further repair and cleaning is conducted strictly according to the requirements of local regulatory agencies.

📖 “COOEC + SOS” popularized first aid knowledge

In the “going out” process, COOEC tries to reduce overseas risks to the lowest level and protect the personal safety of all staff to the greatest extent. COOEC signed an agreement with international SOS to set up a joint emergency platform, took full advantage of emergency rescue resources of SOS, and provided emergency service to people going abroad with SOS emergency contact cards and whole-process safety guidance. COOEC invited SOS for three emergency rescue trainings successively and 36 students obtained corresponding qualification certificates issued by international SOS authorized by the American Heart Association. In November 2015, COOEC and international SOS jointly held one training seminar on overseas emergency medical aid and security risks with 119 participants.

📖 Nexen employee wins safety award



In 2015, Jim Cameron, the employee of Nexen Petroleum UK Ltd., won Britain Sharing and Knowledge Award of Oil and Gas Industry in the UK. This award is aimed at praising “the significant contribution made to improve Britain oil and gas industry safety via active participation or devotion”.

Jim, a technical safety authority, won the award because he voluntarily led a working group to compile guidelines for Britain oil and gas industry. The working group compiled the brand new and easy-to-use guidelines according to *Injuries, Diseases and Dangerous Occurrences Regulations* of UK oil and gas industry. Jim said he took the work because he wanted to benefit society and solve urgent problems of safety and health in oil and gas industry.

📖 COSL “Confidence” Platform achieved 1,000 days’ continuous safety production in Mexico

Since “COSL Confidence” Platform entered the Gulf of Mexico in 2011, the management of safe production has been strengthened constantly, ensuring over 99% of intact ratio of various platform facilities. By July 4, 2015, the platform had been in safe production for 1,000 days.

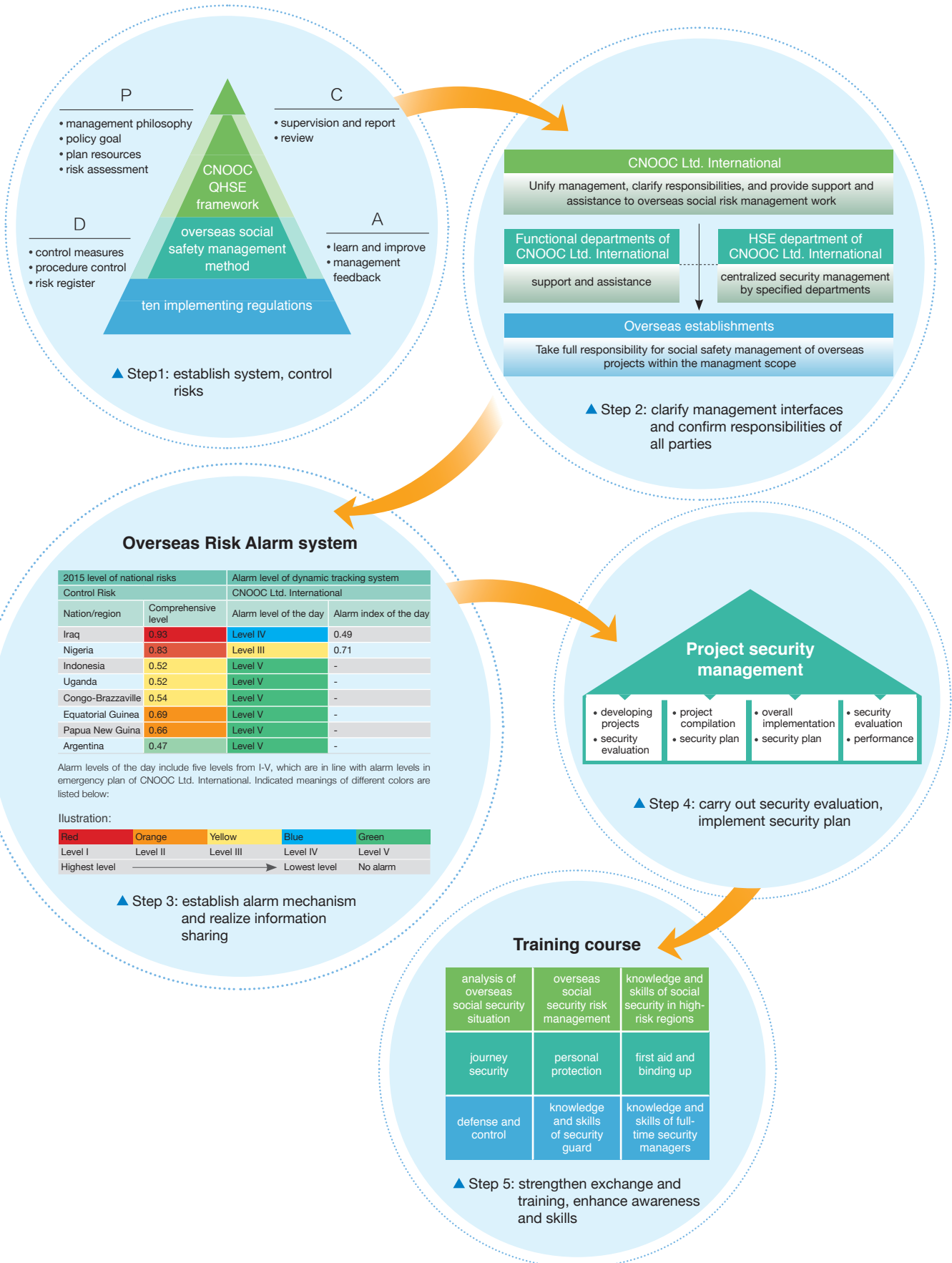


“‘COSL Confidence’ Platform is a trustworthy cooperative partner. We will strengthen the long-term cooperation with ‘Confidence’ Platform despite of the sluggish international petroleum market.”

—Regional President of PEMEX

CNOOC Ltd. International established overseas security system

Overseas assets of CNOOC Ltd. International are mostly located in countries with high and medium risks. Confronted with severe security issues, CNOOC Ltd. International established overseas security system to ensure personal safety of expatriates and local employees.



Sci-Tech Innovation

CNOOC pays close attention to the sci-tech innovation of overseas projects, conducts the technical cooperation and innovation in the light of local conditions through integration of university-industry cooperation to promote the capability of developing resource and overall research level of oil and gas industry of countries where the businesses are located.



📖 The COOEC ZAWTIKA1B Project finished the subsea pipeline laying operation

The Zawtika1B Project, COOEC's first international EPCI project, created three "First" in China, the first successful application of "bowstring" technology in pipeline laying, the first coordinated operation of two ROVs (remote operated vehicle) at the same water depth and the first time that ROV dived around jacket, and it marked that COOEC's whole industrial chain "one stop" service won the international market approval.

📖 Nexen participated in the test of new method of oil sand production

In 2015, Nexen participated in a two-year pilot project of "Enhanced Solvent Extraction Incorporating Electromagnetic Heating" (ESEIEH). The project generates the heat through radio wave and develops the heavy oil by combining propane, butane and other solvents. Compared with the conventional method of injecting high pressure steam, ESEIEH reduces the cost, greenhouse gas emission and water consumption remarkably.

The project applies radio wave to conduct the test in the in-situ reservoir for the first time. If the ESEIEH is proved to be a success and put into commercial application, it will reduce the water consumption remarkably in oil sand development.

📖 CNOOC Energy Technology & Services Limited participated in the industrial alliance of Massachusetts Institute of Technology

In 2015, CNOOC Energy Technology & Services Limited joined in the industrial alliance of Massachusetts Institute of Technology (MIT). The company preliminarily defined 31 detailed research areas and projects to communicate with the professors, and participated in the discussion of MIT Research & Development Conference in 2015.

📖 COSL's overseas operation received good reputation

On August 11, 2015, COSL completed the acidizing operation of three wells with operational difficulties in the Missan Oilfield of Iraq, accumulatively increasing 801 m³ of crude oil per day. Wells AGCS-40, BUCS-53 and AGCS-42 in the Missan Oilfield were called as "big challenge" by Party A because of poor cementation quality, reservoir polluted by working fluid and big loss during drilling and completion, and COSL's acidification team worked out the solution according to the conditions of three wells after receiving the task to ensure the implementation of operation and received good reputation from Party A.

COSL provided the high-end logging devices and technical services to North America market. On February 7, 2015, COSL cooperated with Tucker to complete the operation of a test well in the western regions of Canada temporarily transferred by Imperial Oil Ltd., and ELIS high-end logging devices completed two times of operations in well in the circumstance of minus 30 C, and received good reputation from Party A.

▼ Innovation Activity



▼ Research & Development Conference of MIT



▼ Discuss with the professor



ENVIRONMENTAL PROTECTION

Environmental Management

CNOOC strictly adheres to the laws and rules about environmental protection of the countries where the business is located, refers to international advanced experiences in environmental management, organizes and completes monitoring on the environmental and social influences of overseas projects, actively participates in and supports the environmental protection activities of the countries and regions where the business is located, and has created an atmosphere where human being and nature get along with each other harmoniously.

Nexen supports the research project of enhancing recovery ratio through CO₂ injection

Nexen Petroleum UK Ltd. has subsidized and participated in the project of CO₂ Enhanced Oil Recovery (CO₂-EOR) of the Scottish Centre for Carbon Capture and Storage (SCCS). It focuses on researching an injection technology and related carbon capture technologies, and hammers at improving the economical performance of recovery technologies through improving CO₂ injection. The study results have been presented to the UK Government and the European Parliament, which is expected to help the petroleum Industry meet carbon emission reduction targets of the UK by 2030.



▲ Nexen employees' planting activity

📖 CNOOC Uganda completed environmental and social impact assessment report of KF Oilfield

In 2015, the Environmental and Social Evaluation Influence Evaluation Report of the KF Oilfield of CNOOC Uganda was approved by Uganda Government on the outline, which is the milestone progress of KF Oilfield. Meanwhile, CNOOC Uganda completed the investigation on the environmental and social benchmark data of original block EA3.

CNOOC Uganda seriously supervised contractors' performance in terms of environmental protection during operation process, and strictly required contractors to carry out emission reduction and treatment according to the regulations of the Environmental and Social Influence Evaluation Report in terms of sewage drainage, garbage treatment, waste management and noise management, etc.



▲ In order to reduce the negative influences of work on the environment, CNOOC Uganda donated saplings to local residents.

📖 Framework Agreement was signed with Indonesia Oil Spill Combat Team

On April 20, 2015, the emergency technical service branch of CNOOC Energy Technology & Services Limited and Indonesian Oil Spill Combat Team (OSCT) signed a cooperation agreement in Tianjin. The cooperation scope covers the fields e.g., technical cooperation, expert support, equipment trading, market development and so on. By cooperating with the largest and strongest OSCT in Indonesia, we will provide guarantee of emergency treatment of oil spill for each petroleum company in the Southeast Asia more effectively.



▲ Signed with OSCT Indonesia MOU

Biodiversity

In the projects at overseas work-sites and surrounding areas, CNOOC guards the habitats and breeding grounds of generations of wild animals and plants in earnest, protects and cherishes wild species, striving to minimize the influences of work on wild animals and plants and maintain the sustainability of the ecological system.

CNOOC Southeast excavates “Biopori” in Indonesia

On “World Environment Day”, Huski—CNOOC Madura LLC actively responded to the call of “Seven Billion Dreams · One Planet · Consume with Care” from the United Nations Environment Programme (UNEP), and organized 120 employees to participate in “Biopori” activity in Jakarta.

The “Biopori” technology is a soil micro-environment ecological protection project. By digging holes with diameter of ten centimeters and depth of one meter near residential places, and filling the holes with domestic organic garbage, a variety of insects and bacteria are attracted to form an underground micro-ecological environment, thus enhancing the connectivity and permeability of surface soil, further strengthening absorption and retention of ground rainwater and reducing the degree of flood in downstream low-lying land. This technology is especially effective for Indonesia.



Long Lake Project constructs channels for the migration of animals

According to animals’ migration habits, Nexen has buried early-stage ground oil transmission pipelines at 4 places in the operation area of Canada Long Lake Project, creating channels for animals’ migration. The channel is in good operation, and it could be often observed, wild animals pass there.

In addition, Nexen perennially sponsors “The Nature Conservancy of Canada” (NCC) to develop biodiversity protection and scientific popularization activities, and participates in the voluntary activity projects of NCC actively, aiming to publicize to the public and serve personally the protection of animals and plants.



SOCIAL PROGRESS

Employee Development

Upholding the concept of “respect, mutual trust, win-win cooperation”, CNOOC actively carries out the employee localization system, and encourages the common development of local employees and the enterprise; cares about the physical and mental health and safety of expatriates, and improves the overseas occupational health management system; attaches importance to the business training and occupational development of expatriates and sets up models for excellent expatriates; respects the customs and religious beliefs of employees from different regions and countries, makes people get together in virtue of excellent corporate culture, and creates an inclusive, equal, mutual-trust, cooperative and friendly work atmosphere. CNOOC now has a staff of 8,979 working abroad, among which 202 are international employees and 7,462 are local employees.



📖 CNOOC Southeast Asia creates local human resources “Treasury”

CNOOC Southeast Asia makes the best of local employees’ advantages, e.g., abundant experiences and strong English ability, promotes local employees with good work performance, strong ability and good conduct to senior posts without sticking to one pattern, and endows them with greater responsibilities and more trust. In Southeast Sumatra (SES) contract area where CNOOC acts as an operator, the employee localization ratio has reached up to 96%. A batch of high-quality Indonesian employees identifying with CNOOC’s culture have embarked on the senior management posts like general counsel, vice president, etc. These personnel play an important role in terms of daily management and communication with supervisory institution under the Indonesian Government.



▲ On Nov. 3-23, 2015, Indonesian local engineer Dwandari Ralanarko, thanks to his outstanding research findings, was invited by China University of Petroleum to give road show at 5 petroleum colleges and universities in China.

📖 “Science and technology talents” step onto the “helicopter” for occupational development

Making top-ranking science and technology talents obtain prior development opportunity is an important integral part of Nexen’s talent strategy. Nexen excavates the potentials of science and technology talents by many means. “The Engineering, Geology, Geophysics (EGG) Exchange”, as a unique talent cultivation project of Nexen, creates opportunities for science and technology talents of related fields to exchange at different posts at the location of different businesses, and creates “helicopter” for occupational development of science and technology talents.

In addition, Nexen provides the program of training new employees at different posts, the program of dual-way exchange between Nexen and headquarters, and “one-to-one” employees’ occupational development consulting.



▲ In 2015, David Gray, serving as a Nexen’s oil-sand geophysical reservoir characterization analyst, honored by the “Canadian Society of Exploration Geophysicists (CSEG)”.



▲ In 2015, James Armstrong, serving as a professional manager of petroleum land management, obtained the “Future Energy Leadership Award”, a subaward of America Oil Gas Award.

📖 CNOOC Nigeria held “Sports Meeting for Welcoming New Year”

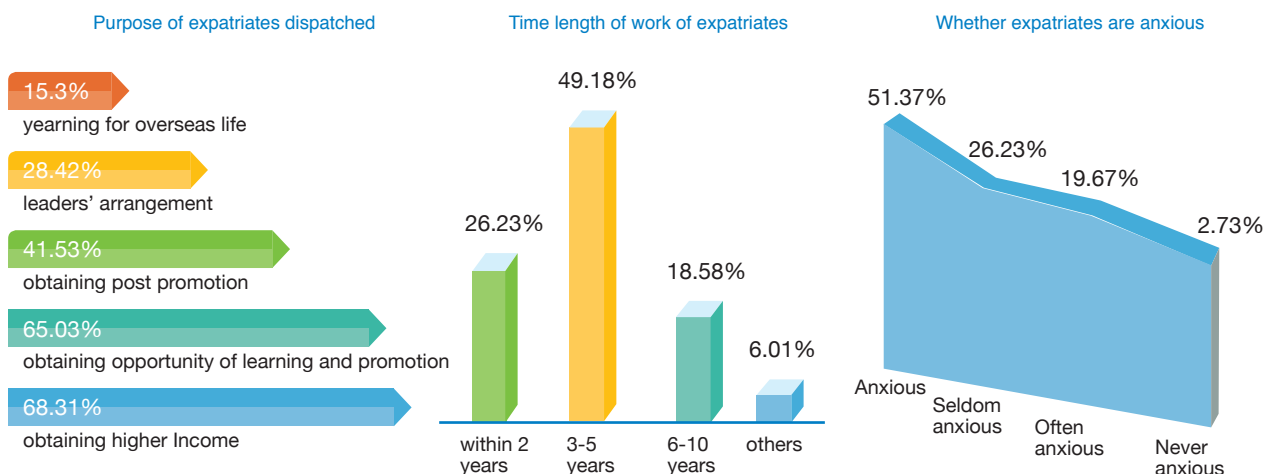
CNOOC Nigeria organized the whole staff and brother units’ employees, and invited each representative of consulate general in Lagos to hold a forum and a series of sports activities for ushering in the New Year. Personnel of the consulate general and the whole staff of CNOOC Nigeria jointly participated in the 8 km distance race. Li Yong, consul general of Chinese Consulate General in Nigeria, presented medals to awarded employees personally.



📖 CNOOC developed investigation on mental health of expatriates

In June 2015, CNOOC developed questionnaire investigation on mental health of expatriates. Through questionnaire investigation, the Company has found that loneliness and anxiety commonly exist with expatriates, and the fundamental reason rests with that, their sociality demand cannot be satisfied, and they worry about their family members living apart from them and their own occupational development prospect. Aiming at these problems, the headquarters has actively built up guarantee for mental health of the expatriates, and made efforts to expand the channels for these employees' communication with local communities and their family members in China.

Basic Information on expatriates

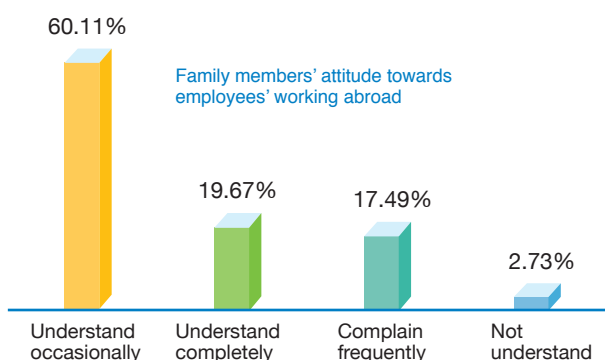
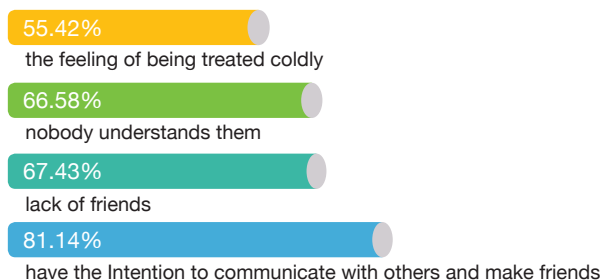


Inner desire of expatriates

According to the data collected expatriates commonly have sociality demand like making friends, etc. —81.14% of expatriates “have the intention to communicate with others and make friends”. But in the present state of working abroad, their such sociality demand is not satisfied —67.43% of expatriates often have the feeling of “lack of friends”, and 55.42% of expatriates have the feeling of being treated coldly. In addition, 66.58% of expatriates feel that nobody understands them.

It's discovered that, up to 74.29% of expatriates have the feeling of loneliness of different degrees.

Among CNOOC expatriates, only 12.57% are single; while 77.71% employees have children. Related data shows that, 90.29% of expatriates often worry about their family members in China. Meanwhile, 19.67% of family members of such employees understand their working abroad. In addition, some of expatriates worry about their occupational development prospect.



Making expatriates worry-free

COOEC International Engineering Co., Ltd. has established QQ Group and WeChat Group of expatriates. As the manager of labor union work, Meng Haiyan is also the “Head” of the QQ Group and WeChat Group: “Working abroad, employees usually cannot work without any worry about their family members. Our labor union will try the best to help them solve the problems of their families”.


COSL Overseas Personnel Management and Service Center holds a forum for the expatriates periodically, It has prepared cross-culture series books and guide for travel, helping employees adapt to the work and life abroad as soon as possible.


CNOOC Iraq has developed investigation on mental health and occupational tension aiming at employees dispatched abroad and contractors' personnel, and brought forward suggestions on improving mental health hereby.

Integration into Community


CNOOC has actively integrated into the communities where its businesses are operated. It has constantly raised localized purchasing rate by driving local employment through project investment; improved the periodic communication and coordination mechanism of communities, and listened to community residents' rationalization suggestions in earnest. Through a series of long-term and systematic community construction activities, e.g., charity donation, voluntary activity, donating to support education, etc., CNOOC benefits local community residents and builds up the bridge for mental communication.


Construct good community relationship


 **Uganda:** CNOOC Uganda specially organized a community relationship team in oilfield operation area, employed several community liaison officers, developed interaction with local communities to consult residents' opinions and suggestions. In 2015, CNOOC Uganda efficiently completed the construction of oilfield cross-cliff road with elevation difference of up to 400 m, realizing the connection of this area with external highways for the first time.

 **Indonesia:** CNOOC Southeast Asia sponsored Sebir and Kongsu Island areas to repair two mosques successively; completed diving training for 40 person times, helped unemployed personnel obtain professional diving certificate and pushed forward reemployment plan actively; continued to provide marine products processing skill training for local fishers and housewives; constructed public health facilities like water closet, etc. for communities surrounding operation area; and provided medical services to countryside areas for free.

 **Iraq:** On the New Year's Day of 2015 in the Project Group of COSL Oilfield Technique Business Department, Iraq spent spare time in visiting "neighborhood", communicating with nomad tribe nearby its camp, and brought foods and learning supplies for local children.

 **Mexico:** On Nov. 11, COSL Mexico, for the kind invitation of DIF in Carmen of Mexico, spent "Three Kings Day" together with 6,000 children, presenting them with festival gifts and bravo blessing.

 **Canada:** Nexen upholds the good charitable tradition, and continues to provide charitable donation and voluntary services to Canada "Anti-Domestic Violence Association", "YWCA Childcare Center", Calgary Hedge Center, Asylum Association and Food Relief Office. Nexen also donated USD 65,000 to the communities for community bus, and USD 250,000 to Canada Western Summer Games.

 **UK:** Since 2013, Nexen has donated 200,000 pounds through local charity organization aiming at the therapy and employment of disabled adolescents. In 2015, Nexen donated 30,000 pounds to ACIS Mental Health Aberdeen, in order to strengthen the construction of young volunteer team for psychological services.



▲ Cross-cliff highway newly completed in Uganda Operation Area



▲ Inner scene after repair of mosque in communities of Indonesia



▲ Presenting foods to children of Iraq hordes



▲ Spending "Three Kings Day" together with children in Mexico





▲ Nexen Volunteer Team





▲ Donating 30,000 Pounds to ACIS


Donating to support education consistently

 **Congo-Brazzaville:** CNOOC Congo-Brazzaville reconstructed two elementary schools in Pointe-Noire, and received high praise from local public official.

 **Uganda:** CNOOC Uganda granted scholarship to 240 excellent students, and 3 outstanding students were selected to study in China. CNOOC Uganda also sponsored the reconstruction of petroleum exhibition area of Uganda Museum. Mrs. Muloni, Minister of Ugandan Energy and Mineral Ministry, appreciated that CNOOC Uganda was pleased to share information with the public in Uganda.

 **Indonesia:** CNOOC Southeast Asia provided two-semester study coaching for total 295 students from 4 senior high schools in Kuril Islands, aiming to raise their score in college entrance exam. Also, CNOOC Uganda provided scholarship and stationery for 270 senior high school students and 237 university students in this area.

 **Canada:** Since 2007, Nexen has accumulatively donated USD 1.5 million to the Bill Woodward School near the Long Lake Project to expand school buildings and establish scholarship, so that the children there can receive complete primary and secondary education. In 2015, the first group of senior high school students graduated from this school. In the latest 6 years, Nexen has accumulatively donated USD 300,000 to School of Business of the University of British Columbia to cultivate local operation and management talents.

 **UK:** Nexen has donated scholarship of 89,000 pounds to students majored in business and engineering, etc., from 7 universities, encouraging them to complete higher education.



▲ Hellot Matson Mampouya, Minister of Primary and Secondary Education of Congo-Brazzaville, attended the ceremony for completion of primary school reconstruction



▲ Group photo of students obtaining CNOOC International Scholarship 2015



▲ Students participating in school coaching plan

Nexen obtained “Sustainable Development Award” for anti-family violence activity continuously for 20 years

Since 1995, Nexen has always supported the anti-family violence activity of Calgary Women Emergency Shelter (CWES). Over the past 6 years, Nexen has donated USD 600,000 in total to support the program of “Adopt-a-room Program”, aiming to help those women and children who cannot go home for reason of family violence to find a temporary shelter through CWES. Up to now, this program has benefited 450 persons. In 2015, Nexen obtained the “Sustainability Award” issued by CWES for persisting with resisting family violence over the past 20 years.



My home is located in Hoima District, a big petroleum production area. After graduating from senior high school, I hoped to learn the major of petroleum engineering. I am very grateful to CNOOC International Scholarship for providing the opportunity to enter into petroleum field that I loved. While studying in China, I got to know many people of different cultural backgrounds and learned much knowledge by communicating with them. Moreover, I have learnt much Chinese language, and could make simple communication with Chinese schoolmates. All these are benefited from CNOOC International Scholarship Program. I would like to express my gratitude to CNOOC again for making my dream come true!

—Ritah Nasaazi, winner of CNOOC scholarship

PROSPECT 2016

In 2016, the world economy will start its tortuous recovery in depth adjustment, the deep influences of international financial crisis will still exist in quite a long period, geopolitical relations will show complicated changes, and uncertain factors in external environment will increase. China's development will still be in great and important strategic opportunity period, but the connotations will be subject to profound changes in strategic opportunity period. The characteristic that energy development steps into new normal will be very obvious, mainly embodied at slowdown of energy consumption growth, acceleration of energy structure optimization, and initial conversion of power for development. Facing unprecedented challenges, we will turn pressure into motive power, seek for survival through reform and seek for development through innovation, be brave in undertaking responsibilities, make efforts to realize the harmonious intergrowth of CNOOC and environment, the win-win cooperation with partners, and the close integration with economic and social development.

Highlight primary businesses and guarantee supply of high-quality products. We adhere to harmonious development, and continue to highlight primary oil-gas businesses, make an overall arrangement of upstream, midstream and downstream industrial structure and proportion, develop oil and gas resources scientifically, reasonably and orderly, vigorously develop clean energy resources such as natural gas, CBM, etc., enhance oil quality, extend industry chain, perfect the service network, and strive for providing stable, reliable, high-quality and clean energy resources for the society.

Strengthen safety and conduct stable operation. We will continue to strengthen the concept of safety and aspire after world top-ranking safety and environmental protection management level. We will intensify safety training, and raise employees and contractors' awareness of safety; strictly execute new laws and rules about safety and environmental protection, and continuously push forward the construction of internal control system; further decompose and fulfill safety production responsibility system, and strengthen onsite operation organization and risk control; strengthen the investigation and governance of hidden threats for safety, and track and supervise the rectification of hidden troubles by levels; push forward the construction of emergency management system, and put forth effort to raise maritime work safety level and emergency treatment ability.

Protect environment to realize harmonious intergrowth. We will participate in Energy Revolution initiative, cope with climatic changes actively, strengthen environmental management, develop green operation, promote green reconstruction of industries and upgrading of clean production technologies, accelerate the exploration for industries related to carbon trading, push forward energy conservation and emission reduction, reduce environmental disturbance, and protect ecological diversity.

Be enthusiastic about commonweal and undertake responsibilities. We will further implement social responsibilities, continue to do a good job in special social commonweal at fixed points, guide employees to develop voluntary services, endeavor to integrate into communities, drive economic development of communities, and support community residents to live and work in peace. We will persist with the “people-oriented” concept, further gather and cultivate various talents, care about the living and physical & mental health of domestic and overseas employees, create channels for employees’ development, and realize common development of the enterprise and employees.

Conduct win-win cooperation and return the local place. We will give full play to our advantages in the field of offshore oil and gas, focus on promoting the cooperation in oil-gas field along the line of the “Twenty-first Century Maritime Silk Road” and in surrounding areas, realize deep integration with global oil-gas industry, optimized combination of economic and market elements, and mutual benefit and win-win cooperation with partners. We will implement more active and initiative open strategy, persist with the principle of using local employees, and cultivate local professionalized and internationalized talents; we will strictly observe the laws and rules of the country the business are located, pay attention to safe operation and green development, and develop commonweal activities in terms of education support, social relief and aid, and ecological protection continuously, and hammer at improving community life and driving the development of local communities.

In 2016, we continue to insist on the philosophy of “safe and efficient operations, low carbon and green growth, people-oriented, innovation, compassion, transparency”, raise the energy guarantee ability, perfect the industrial value chain, expand internationalized operation, intensify technology innovation, raise the enterprise’s soft power, realize the higher-quality, more-benefit, and more sustainable development of CNOOC, contribute high-quality energy resources for economic development and social advancement, and construct the blue sea & sky for human development and environmental protection.



THIRD-PARTY ASSESSMENT

Rating Report on China National Offshore Oil Corp. Sustainability Report 2015



Upon the request of China National Offshore Oil Corporation (hereinafter “CNOOC”), Chinese Expert Committee on CSR Report Rating invited experts to form a Rating Team. The rating team rated CNOOC sustainability report 2015 as follows (hereinafter “report”):

1. Rating criteria

Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR 3.0) and Rating Standard on Corporate Social Responsibility Reporting for Chinese Enterprises (2014).

2. Rating process

- (1) The process assessment team interviewed members from the social responsibility department of CNOOC.
- (2) The process assessment team viewed the relevant data involving the preparation of the sustainability report from CNOOC and its subordinate units.
- (3) The rating team evaluates the management process of social responsibility report of CNOOC and the information disclosed by CNOOC sustainability report 2015.

3. Rating results

Process Management (★★★★★)

The Assistant President of the corporation takes a leading role in setting up a editorial team and the Policy Research office is responsible for compiling the report, the senior leaders participate in viewing the theme, issues and frame of the report; The editorial team identifies stakeholders and consults their advices by questionnaires and meetings; The substantial issues are defined according to material issues of the corporation, relevant state policies and industry benchmarking analysis and the stakeholders' opinions; It is planned to hold the special conference, and the report would be presented in wechat, MicroBlog and H5 version. Thus, the report progress management is super excellent.

Materiality (★★★★★)

The report systematically discloses key performance issues on its industries such as “Implement the macro policy”, “Improve the quality management”, “Ensure energy supply”, “Intensifying safe operation”, “Focusing on the technological innovation”, “Develop new energy”, “Tackling climate change” etc. with detailed description. The report has super excellent materiality.

Completeness (★★★★☆)

The report systematically discloses key information on “Promote economic growth”, “Emphasizing environmental protection”, “Social progress promotion”, “CSR report overseas” etc. With 81.5% of core indicators disclosed on its industries, The report has leading completeness.

Balance (★★★★★)

This report discloses negative information on “direct contractor casualties”, “recordable injury events(case)”, “frequency of occupational disease”, “employee turnover rate” etc. and briefly describes the major hazard of the corporation, the scope and rectified progress of the “hazards elimination”, the report has super excellent balance.

Comparability (★★★★★)

This report discloses data on more than 40 key performance indicators of at least three consecutive years, including “crude oil production”, “R & D Investments”, “energy conservation and emission reduction investments”, “number of employees”, “charitable donation”, and compared “crude oil production”, “Yield of Natural Gas”, “ethylene production”, “natural gas-fired power capacity” etc. to national data. The report has super excellence comparability.

Readability (★★★★☆)

This report has explicit theme, reasonable framework and clear logic. Pictures, tables and other vivid forms being used to complement the writing; Abundance cases have been adopted and specialized vocabulary has been explained, which markedly improved the readability. All of above makes the report leading readable.

Creativity (★★★★☆)

The theme, issues and frame of the report are viewed by the senior leaders; Adds the voice of the stakeholders, List the focus of stakeholders and response in the each chapter head; Set up multiple special topic to describe the excellent performance in details of the key social responsibility issues, So the report has leading creativity.

Overall Rating (★★★★★)

Through evaluation and deliberations, the rating team agreed to rate China National Offshore Oil Corporation Sustainability Report 2015 as super excellent by giving five-star rating to it.

4. Suggested improvements

Disclose more core indicators of the industry to improve the completeness of the report.

Rating team

Team Leader:

Zhong Hongwu, Director of the Center

Team Members:

Liu Weihua, Vice Chairman of China Committee of Corporate Citizenship

Zhang En, Fang Xiaojing and Wang Zhimin, Process Evaluators of Center



中国企业社会责任报告
评级专家委员会
Chinese Expert Committee on CSR Report Rating

Wei Zichuan
Vice Chairman of the Chinese
Expert Committee on CSR Report
Rating

Zhong Hongwu
Team leader of the expert
rating team

GLOSSARY OF TERMS

Drilling Platform

Offshore drilling platforms are marine structures used mainly for drilling exploratory wells. Such platforms, generally divided into mobile and fixed platforms, are essential for offshore oil and gas exploration and development operations and house drilling, power, communications, navigation and other equipment, as well as lifesaving and accommodation facilities.

Recovery Ratio

Recovery ratio refers to the percentage of geological oil reserves accounted for by the amount of oil that can be extracted from oil reservoirs. This is a key criterion in evaluating the level of development of an oil field.

Reserve Replacement Ratio

As an index to reflect reserve replacement capacity, reserve replacement ratio is a ratio between the annual newly proven reserve and the reserve that has been mined and consumed in the same year.

Heavy Oil

Heavy oil is highly viscous crude oil that contains a relatively high level of asphaltenes and resins. This usually refers to those with ground densities greater than 0.943 and underground viscosities greater than 50 centipoises.

Oil Reservoir

This is the smallest unit for the storage of oil. Oil reservoir layer or oil layer in short refers to the porous strata for the storage of oil. Not every part of an oil layer will contain oil. Oil reservoir refers to those independent oil-containing areas within an oil layer.

Adjustment Well

Adjustment wells refer to scattered or clustered wells drilled, in addition to existing well clusters, for improving the development of oil fields.

Well Logging

Well logging usually refers to geophysical well loggings, in which different forms of well loggers made based on electrical, magnetic, acoustic, thermal, nuclear and other physical principles, enter wells through the use of well logging cables, to allow the ground electrical measuring instruments to record continuously along the well bore the various parameters that change with changes in depth. Underground rock formations, including oil, gas, water, and coal layers and metal deposits, can then be identified through curves representing these parameters.

Oil Spill Response

Oil spill response is the formulation of plans and adoption of measures to control and prevent oil spills and reduce pollution damage, based on the environment and resources in the potential spill sources and waters within the designated sea areas. This sees common use in offshore oil exploration and development activities.

LNG

Liquefied natural gas or LNG in short refers to the liquid that forms when natural gas extracted from gas fields cools to a low temperature under high pressure after undergoing the fluid and acid removal, drying and distillation processes. LNG is predominantly methane and is colourless, odourless, non-toxic and non-corrosive.

Recordable Production Safety Events

According to the OSHA standards of the United States, recordable production safety events include medical treatment, work restrictions, lost time and deaths.

Occupational Disease

This refers to diseases that develop as a result of exposure to occupational hazards at work.

QHSE

The abbreviation QHSE stands for Quality, Health, Safety and Environmental. Established based on the principles of compatibility of similarities and complementarity of differences, and on the basis of the ISO 9001 and ISO 14001 standards, GB/T 28000 family of standards and SY/T 6276 Petroleum and Natural Gas Industries - Health, Safety and Environmental

Management System, the QHSE management framework usually refers to the framework that directs and controls the quality, health, safety and environmental aspects of an organisation.

COD

Chemical oxygen demand or COD in short refers to the amount of oxidant consumed when treating water samples using a certain amount of strong oxidants under certain conditions. The usual use of COD is to determine the extent of contamination of water bodies by reducing substances.

Coalbed Methane

Coalbed methane, which is a coal-associated mineral resource and considered an unconventional form of natural gas, refers to a kind of hydrocarbon gas (predominantly methane) found trapped within coal beds, mainly adsorbed to the surface of coal matrix particles, and partly dispersed in the porosity of coal or dissolved in the coalbed water.

Shale Gas

Shale gas specifically refers to an unconventional form of natural gas found trapped within shale formations.

Deepwater Semi-Submersible Drilling Platform

Deepwater semi-submersible drilling platform refers to a semi-submersible drilling platform that can operate in deep waters. Semi-submersible drilling platform, also known as column-stabilised drilling platform, is a kind of mobile drilling platform with small waterplane area and a large part of the floating structure submerged under water.

CCUS

CCUS (Carbon Capture, Utilization and Storage) namely the carbon capture, utilization and storage. CCUS technique is the new developmental trend of CCS (Carbon Capture and Storage), to-wit, purifying the carbon dioxide discharged during production and then putting into the new production process for recycling utilization instead of simple storage.

CNOOC

China National Offshore Oil Corporation Limited (HKEx: 00883, NYSE: CEO, Toronto: CNU, www.cnoocld.com).

COSL

China Oilfield Services Limited (SSE: 601808, HKEx: 02883, www.cosl.com.cn).

CNOOC Engineering

CNOOC Offshore Oil Engineering Co., Ltd. (SSE: 600583, www.cnoocengineering.com).

China BlueChemical

China BlueChemical Ltd. (HKEx: 03983, www.chinabluechem.com.cn).

CNOOC Gas and Power Group

CNOOC Gas and Power Group Limited (www.cnoocgas.com).

International Company

CNOOC International Co., Ltd.

CNOOC EnerTech

CNOOC Energy Technology & Services Limited.

CNOOC Oil & Gas Utilization

CNOOC Oil & Gas Development & Utilization Corporation.

Shandong Haihua

Shandong Haihua Group Co., Ltd. (www.haihua.com.cn).

Daxie Petrochemical

CNOOC Ningbo Daxie Petrochemical Limited.

CNOOC and Shell Petrochemicals Company Limited (CSPC)

CNOOC and Shell Petrochemicals Company Limited (CSPC).

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FEEDBACK FORM

In order to improve the social responsibility engagement of CNOOC on an on-going basis, we would like to hear your thoughts, which will form an important basis for us to do better. We hope that you could spare some time to give us your valuable feedback on the report and our work.

Your Information:

Name: _____ Company: _____

Tel: _____ E-mail: _____

Your Feedback:

1. What is your overall opinion of the report?

Very good Quite good Average Quite poor Very poor

2. What do you think of the information disclosed in the report?

Very abundant Quite abundant Fair Quite little Very little

3. What do you think of the quality of the information disclosed in the report?

Very high Quite high Average Quite low Very low

4. What do you think of the report structure?

Very reasonable Quite reasonable Fair Quite poor Very poor

5. What do you think of the design of the report layout?

Very reasonable Quite reasonable Fair Quite poor Very poor

6. If you have any opinion or suggestion on the social responsibility engagement of CNOOC or the production and dissemination of our sustainability report, please feel free to let us know:

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