CHINA PETROLEUM & CHEMICAL CORP Form 6-K March 29, 2019

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549
FORM 6-K
Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16 of
The Securities Exchange Act of 1934

For the month of March 2019

CHINA PETROLEUM & CHEMICAL CORPORATION

22 Chaoyangmen North Street Chaoyang District, Beijing, 100728 People's Republic of China

Tel: (8610) 59960114

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)	
Form 20-F Form 40-F	
(Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 19 Yes No	
(If "Yes" is marked, indicate below the file number assigned to registrant in connection with Rule 12g3-2(b): 82) N/A	
1	
1	

This Form 6-K consists of:

A copy of the report regarding communication on progress for sustainable development in 2018 of China Petroleum & Chemical Corporation (the "Registrant").

C:		C
Sino	pec	Corp.

Communication on Progress for Sustainable Development 2018

New Era New Opportunities New Growth Drivers

Report Information

The 2018 Communication on Progress for Sustainable Development (hereinafter referred to "COP") is the thirteenth sustainability report from China Petroleum & Chemical Corporation (hereinafter referred to as "Sinopec Corp.", "the Company" or "We"). The theme of this year's COP is New Era, New Opportunities, New Growth Drivers. The COP introduces our efforts promoting economic growth, social development and environmental protection, and highlights how we responded to stakeholder expectations in 2018.

Report description

This COP covers our business activities from 1 January to 31 December 2018. The information herein comes from internal data, materials from our subsidiaries, and official documents and statistics. Unless the COP otherwise requires, the data in this report covers the data of Sinopec Corp. and its wholly- owned and controlled subsidiaries. The Company's Board of Directors approved the Report on March 22, 2019. The report is available in Chinese and English. If there is any conflict or inconsistency, the Chinese version shall prevail. The report can be downloaded at the website: http://www.sinopec.com/listco/en/csr/.

References

This COP is prepared in accordance with Ten Principles of the United Nations Global Compact (UNGC), the criteria of the Global Compact Advanced Communication on Progress, the Guideline on Environmental Information Disclosure issued by Listed Companies of Shanghai Stock Exchange (SSE), as well as the Environmental, Social and Governance Reporting Guide issued by Hong Kong Stock Exchange (HKEx) and by reference to the GRI Sustainability Reporting Standards (GRI Standards) issued by the GRI Global Sustainability Standards Board (GSSB).

Disclaimer

This COP includes certain forward-looking statements with respect to the results of our business operations and certain plans and conditions. All statements that address activities, events or developments that we expect will or may occur in the future, other than statements of historical fact, are forward-looking statements and by their nature involve risk and uncertainty. This means that actual results may differ materially from those indicated in the forward-looking statement due to a number of factors and uncertainties. The forward-looking statements are made by March 22, 2019 and the Company undertakes no obligation to update these forward-looking statements unless required by an appropriate regulatory authority.

Contents	
Letter from the Chairman	02
About Us	04
Stakeholder Engagement	09
Sustainability Management System	11
Topic 1: Green Enterprise Campaign	12
Topic 2: Green Energy and Products	14
Topic 3: Intelligent Operation	18
Topic 4: Targeted Poverty Alleviation	20
Safety	22
Work Safety	24
Contractor Safety	25
Logistics Safety	26
Cyber Security	26
Public security	26
Climate Change	28
Climate-Related Risks	30
Improving energy efficiency	31
Natural gas	32
Using alternative energy sources	32
GHG emission management	34
Environment	36
Environment-related Risks	38
Air emissions	39
Water resources	40
Solid waste	41
Land resources	42
Oil Spills	42
Biological diversity	43
Contributing to Society	44
Value Chain Management	46
Advancing Win-Win Cooperation with Customers	48
Promoting Industry Development	50
Community Engagement	50
Public Welfare	51
Human Rights	52
Employee protection	54
Occupational health	54
Career development	55
Ethics	56
Anti-corruption System	58
Transparent Operation	58
Enhancing Anti-corruption Awareness	59
Key Performance	61
Index	65
Feedback	70

Letter from the Chairman

Dear friends,

On behalf of the Board of Sinopec Corp., I would like to extend our heartfelt thanks for your attention and support. In a complicated international environment of 2018, collective efforts were made to promote the United Nations 2030 Agenda for Sustainable Development focusing on addressing climate change, eradicating poverty and revitalising global cooperation partnership etc., and to explore a sustainable development path for human society. Adhering to the new development philosophy, China promoted the supply-side structural reform, fulfilled the responsibilities of advancing the construction of ecological civilisation, expanding opening- up at high level and maintaining sustainable and healthy development of the society, which injected new growth drivers to economic globalisation. As a provider of energy and petrochemical products and also the witness, contributor, promoter and beneficiary of global development, Sinopec Corp. has been dedicated to building itself as a long-lasting energy and chemicals enterprise and making contributions to the sustainable development of society. In 2018, the Board of Directors finalised the strategic deployment of "two three-year plans and two ten-year plans", set up phased objectives, formulated and implemented action plans which inaugurated a new journey to achieve high-quality development and build a world-class enterprise. Throughout the year, the Company adhered to the new development philosophy, addressed the identified risks and achieved solid business performance. In 2018, the revenue of the Company reached RMB 2.89 trillion with profits before taxation of RMB 100.5 billion. The Company paid RMB 324.6 billion of taxes and fees. We provided green and high-quality products to society and helped achieve sharing growth between employees and the Company and ensure harmony between the Company and the society. Fostering new growth drivers to contribute to sustainable development. Focusing on upgrading the traditional industries, we enhanced oil and gas exploration with improved oil and gas reserve replacement ratio, made new progress in refining and chemicals bases construction and facilities upgrading, optimised the market network and the global trade network with the result that the market share was consolidated and increased. We further integrated the physical economy with the digital economy by spreading intelligent plants, intelligent oil and gas fields and intelligent service stations. The business platforms such as EPEC, Sinopec Chememall and EasyJoy achieved rapid progress. The volume and the profit of non-fuel business maintained fast growth. In addition, we advanced the building of new energy comprehensive demonstration stations and constructed the hydrogen refueling stations and charging stations orderly and stepped up efforts on the layout of the strategic industries including new energies and new materials.

Firmly advancing green development to embrace new opportunities. We implemented Green and Low-carbon Development Strategy and continued to address climate change. We set up the goal of greenhouse gas emission reduction, deployed the Energy Efficiency Improvement Plan, and conducted evaluations on energy efficiency and carbon emissions. We set up the mid and long term development goals of natural gas sector and optimised the natural gas supply, storage and distributions system. We continuously conducted carbon capture and methane recovery, completed quality upgrading of refined oil product in advance and promoted development of alternative energy sources such as bio-jet fuel, biodiesel and photovoltaic power. We stepped up our efforts on environmental protection. By conducting special environmental supervision and inspection, and promoting implementation of ecological protection measures, we made new achievements in the reduction of pollutant discharges and the protection of water resources and biodiversity. We strengthened our efforts on safety management. By conducting safety risks identification, optimising and launching HSSE management system, strengthening contractor safety control and the domestic and overseas public security management, we realised work safety and clean production throughout the year. Strengthening innovation-driven development to generate vitality. We implemented the Innovation-driven Development Strategy. By deepening the reform on technology mechanism, continuously increasing the R&D investment, speeding up the development of pivotal core technologies and advancing the R&D of cutting-edge technologies, we have achieved fruitful results. In 2018, we received 1 second prize of National Technology Invention Award and 3 second prizes of National Science and Technology Progress Award, with the numbers of applied patents and authorised patents hitting historic highs. We, focusing on promoting green and low-carbon development of energy resources and propelling the functional and high-end development of chemicals and materials, strengthened the efforts on the areas of new energies and new materials. We implemented Open Corporation Strategy. By joining the global innovation network, participating in industry standards formulation, cooperating to develop the new materials essential to the industry development as well as the technologies on energy efficiency and environmental protection, we contributed Sinopec's wisdom to the industry with solutions of sustainable development. Corporate development benefiting employees and improving people's wellbeing. Inheriting the people-oriented philosophy, we conducted the integrated management of employees' occupational health, physical health and mental health, building up a comprehensive health management system. We enhanced the construction of diversified talent teams, promoted decent work to raise employees' senses of achievement, happiness and security. Moreover, we took actions to facilitate the targeted poverty alleviation. In 2018, the poverty alleviation project of Sinopec Corp. in Yuexi County, Anhui Province, passed through national evaluation and inspection, which means that the county with 400,000 populations was lifted out of poverty. We continued to undertake public welfare programmes such as Sinopec Lifeline Express, Warm Stations Programme, Sanitation Workers' Stations Programme and Farmer Assistant Programmes in Autumns and Summers, took part in disaster relief, provided grants or scholarships to students in poverty and helped the communities in need, receiving acclaims from the society. For overseas projects, we fulfilled our social responsibilities to benefited local communities by localised employment and procurement, promoting local economy, and advocating environmental protection, which manifested the responsible image of a global corporate

In a new era full of opportunities, it is right time for us to take actions. Upholding the philosophy of building a community of shared future for mankind, we will keep pace with the trend of the times demanding peace, cooperation, opening- up, transformation and innovation, remain true to our mission of sustainable development and join hands with you in this new era for powering a better life.

Dai Houliang Chairman March 22, 2019

About Us

Company Profile

Exploration and Production

• Sinopec Corp. is a large oil and gas producer in China.

Our main oil and gas assets are located in China and we also jointly participate in four projects
• overseas named Taihu in Russia, Block 18 in Angola, CIR in Kazakhstan and Mansarovar in Colombia respectively.

At the end of 2018, our proven oil and natural gas reserves totaled 1,667 million barrels and 6,807 billion cubic feet respectively.

Refining

- Sinopec Corp. ranks first in global refining capacity.
- Our primary facilities are located in China and we invest a refining joint venture project in Yanbu, Saudi Arabia.
- In 2018, we processed 244 million tonnes of crude oil.

Marketing and Distribution

- Sinopec Corp. is the largest refined oil distributor in China.
- Sinopec Corp. is equipped with comprehensive refined oil products distribution network, with the number of service stations ranking second in the world.
- At the end of 2018, 30,661 service stations carried the Sinopec logo, and the total number of fuel cards reached 146 million.
- Non-fuel business becomes a new growth driver.

Chemicals

- Sinopec Corp. is the first in China and the second globally in ethylene production capacity.
- Our main petrochemical products include synthetic resin, synthetic fibre and synthetic rubber. We invest a joint venture project in Russia.
- We produced 11.51 million tonnes of ethylene in 2018.

Technology R&D

- Sinopec Corp. has the capacity and technology to build refining facilities at the ten-million tonnage level, and ethylene facilities at the million tonnage level.
- We have 4 State Key Laboratories, 5 National Engineering Research Centres, 2 National Energy R&D (Experiment) Centres and 2 State- Certified Enterprise Technology Centres.

International Trade

- Sinopec Corp. is the largest trader of crude oil in China.
- In 2018, we imported 217 million tonnes of crude oil.
- Sinopec Corp. owns 13 wharfs of more than 200,000 DWT, with a total capacity of 340 million tonnes.

Core Values

People, Responsibility, Integrity, Excellence, Innovation, Collaboration.

- Sinopec Corp. fulfills its responsibilities as a global corporate citizen by conducting business that serves society. We integrate a people-oriented approach to corporate culture and practices.
- Our diversified portfolio, including energy resources such as crude oil and natural gas, refined oil products such as gasoline, diesel and kerosene, and petrochemical products with thousands of varieties, contributes to social and economic development and satisfies hundreds of millions of families.
- We operate honestly and pay taxes in accordance with the law to contribute to national revenue and boost social development and prosperity.
- We commit to realising sustainable development of the Company and upholding stable and continuous dividend pay-out policy to return to shareholders.
- We focus on leading and cooperating with our partners along the upstream and downstream industrial chain, aiming to enhance sustainability and achieve win-win results.
- We guarantee employee rights, provide good working environment and optimise career development channels that show respect for our employees and promote decent work.
- We engage in local communities by safeguarding community safety, protecting the environment, participating in local economic development projects, carrying out poverty alleviation programmes and sharing our corporate development with local residents.

Performance in 2018

Revenue (RMB): 2,891.2 billion

Net profits attributable to shareholders (RMB) *: 63.09 billion

Taxes and fees paid (RMB): 324.6 billion

Donations (RMB): 180 million

Dividends declared (RMB): 50.85 billion Dividends pay-out ratio *: 80.60%

Social contributions (RMB) **:480.2 billion

Total number of employees: 423,543 Ethics training coverage: 100% Safety training coverage: 100%

Patients cured under Sinopec Lifeline Express Programme: 3,456 People helped under Warm Stations Programme: 600 thousand

People helped under Sanitation Workers' Stations Programme: 18 thousand

^{*} In accordance with PRC Accounting Standards for Business Enterprises.

^{**} The definition of social contribution is calculated in accordance with the Guidelines on Listed Companies' Environmental Information Disclosure issued by Shanghai Stock Exchange.

2018 Honours

- Sinopec Corp. was named Most Honoured Enterprise in Asia 2018, and Dai Houliang, Chairman of Sinopec Corp., ranked 1st in overall rating of Asia's Best CEOs by Institutional Investor Magazine.
- Sinopec Corp. received Special Contribution Award from Lifeline Express Council for the 14th consecutive years.
- Sinopec Corp. was named Chinese Model of Low Carbon Performance and Responsible Enterprise by China News Service and China Newsweek for 8 consecutive years.
- Sinopec Corp. received Targeted Poverty Alleviation Award from XINHUANET.
- Sinopec Corp. received "Social Responsibility Award for Overseas Investment of Chinese Enterprises 2018" by China Overseas Development Association.
- Sinopec Corp. received Level-A rating in the SSE's 2017-2018 information disclosure assessment of listed companies.
- Sinopec Corp. received Award for Listed Company with Outstanding Contributions During the 40 Years since China's Reform and Opening-up.

Stakeholder Engagement

The trust and support of our stakeholders is a fundamental approach of Sinopec Corp. to sustainable development. We make progress through our partnerships with all stakeholders to jointly promote a sustainable development based on economic growth, protecting the environment and building a harmonious society.

We have established a communication mechanism with our stakeholders.

- Through continued communications, discussions and reports with authorities, we communicated the material issues including tax paying, innovation, safety, ecological protection, targeted poverty alleviation and information disclosure.
- Through legal information disclosure, performance conferences, meetings with investors, teleconferences, online interaction, and the E-platform of SSE, we communicated the material issues including risks and opportunities in sustainable development, shareholder returns, addressing climate change and energy efficiency improvement.
- Through daily communication, visits, interviews and surveys with customers, we communicated the material issues including product quality and service.
- Through face-to-face communication with NGOs and rating agencies as well as questionnaires, we communicated the material issues including risk management, human rights, safety, environmental protection, greenhouse gas emission and anti-corruption.
- Through Open-day activities, we communicated the material issues including protection of community residents' rights and communication.

We mapped our business operations with United Nation's 17 Sustainable Development Goals (SDGs), and enhanced communication with stakeholders who concern climate-related financial disclosures and analysed the Company's climate related risks and opportunities.

Sustainable development management	P11
Risk management	P11
Technological innovation	P14-19
Anti-corruption	P58-59
Product quality and service	P48-49
Shareholder returns	P06
Work safety	P22-27
GHG management	P30-35
Pollutant discharge	P39-41
Biodiversity	P43
Occupational health	P54
Human rights protection	P52-55
Social contribution	P20-21, P50-51

SDGs Mapping Table*

Our actions

SDGs

GOAL 1	Supporting targeted poverty alleviation by investing RMB 228 million in poverty-stricken areas and Yuexi County with 400,000 populations, in Anhui Province under our support is lifted out of poverty.	
GOAL 2	Launching projects to develop local industry according to the natural resources of rural areas, such as planting and breeding industry, improving infrastructure construction and enhancing the agricultural production capacity.	
GOAL 3	Guaranteeing the occupational health, physical health and mental health of employees; deploying programmes including Sinopec Lifeline Express, telemedicine, doctor training, hospital assistance etc. to improve the accessibility of medical resources.	
GOAL 4	Providing vocational skills training for employees and the communities; investing RMB 25.83 million of funds in education to provide educational facilities, scholarship, grants and other support for poverty areas.	•
GOAL 5	Abiding by the principle of gender equality, establishing the female employees' committee of the Labour Union, forbidding gender discrimination in employment and promotions, and caring for their physical and mental health.	
GOAL 6	Establishing the annual target of water consumption, improving water use efficiency, strengthening waste water recycling and utilisation, and promoting enterprises to replace fresh water with reclaimed municipal water and desalinated seawater.	
GOAL 7	Developing natural gas, upgrading the quality of refined oil products by technological innovation, and developing green and high-performance chemical products to provide clean and affordable energy and materials.	
GOAL 8	Boosting the local prosperity by investment, paying taxes, job creation and localised purchasing, and providing stable job opportunities, stable income and better working environment for employees; helping employees to find new job opportunities after some subsidiaries suspend operations.	
GOAL 9	Increasing investment in R&D, strengthening R&D in the fields of new energy and new materials and promoting clean technologies and facilities; actively engaging in industry standards formulation to provide solutions for green development of the industry.	:
GOAL 10	Prohibiting child labour and forced labour, and any form of discrimination due to gender, region, religion belief, nationality, etc; providing various social insurances and establishing enterprise annuity plan for employees.	
GOAL 11	Renovating dilapidated houses for people in poverty and improving transportation conditions in remote areas; maximising professional advantage to help local communities in case of fire of hazardous chemicals or oil spilling incidents caused by the third parties.	
GOAL 12	Highly valuing environmental protection and launching the Green Enterprise Campaign as a spearhead; promoting responsible production by disposing wastewater, exhaust gas and waste residue, effectively as well as efficiently utilising the natural resources such as land, water and petroleum.	
GOAL 13	Setting up the goal of GHG emission reduction; conducting evaluations on energy efficiency and carbon emissions; setting up the mid and long term development goals of natural gas; conducting carbon capture and methane recovery and promoting the development of alternative energy sources such as bio-jet fuel, biodiesel and photovoltaic power.	
GOAL 14	Developing medium and low-alkali marine cylinder oil with the pollution discharge data reaching the international leading level and launching oil spills risk analysis and assessment to strictly prevent the oil spills at sea.	
	1	15

GOAL 15	Enhancing the pre-evaluation and project appraisal, formulating the ecological protection and restoration
	plans, and strictly managing the operation of construction and production links to reduce the disturbance to
	the ecological environment, and to protect biodiversity.

- Abiding by business ethics, promoting the visibility of the whole process of commodity trading on EPEC and other e-commerce platforms to build clean enterprises; establishing the Workers' Congress system and implementing the principle of equal consultation.
- GOAL 17 Enhancing international cooperation in oil and gas and carrying out oil and gas exploration and development, refining and chemicals cooperation in Russia, Angola, Kazakhstan, Colombia and Saudi Arabia respectively; importing 217 million tonnes of crude oil in 2018.

^{*}The details are presented in the relevant section of the Report.

Sustainability Management System

Social Responsibility Management Committee

Sinopec Corp. established Social Responsibility Management Committee under the Board of Directors. The Committee is responsible for approving the social responsibility management strategy and annual social responsibility plan, and reports sustainability works to the Board of Directors etc. The current Committee is composed of the Chairman of the Board, Mr. Dai Houliang, and the independent directors, Mr. Tang Min and Mr. Fan Gang.

Risk Management System

We have paid great attention to risks in the process of sustainable development. The Audit Committee was set up under the Board of Directors to review risk management work and provide advice for the Board. Moreover, we have established the Comprehensive Risk Management Working Group and relevant departments are responsible for controlling and mitigating risks related to work safety, environmental protection, climate change, finance, legal affairs, anti-corruption and overseas public security. The Comprehensive Risk Management Working Group convenes meetings regularly to organise identification, and assessment of major and significant risks, identify priorities of risk management, and formulate solutions.

According to the industry characteristics and regional distributions, we have set up risk list from five dimensions including strategy, finance, market, operation and legislation etc., and put the internal control system into risk list so as to conduct "Three Lines of Defence", namely regular test of internal control responding units, daily supervision by risk/internal control departments and comprehensive auditing and inspection. We attach great importance to building the risk management culture, and organise risk management training annually. Subsidiaries adopt the combination of special training and professional training to raise employees' awareness of risk prevention and control. Safety risks, environmental risks, climate-related risks and corresponding management measures are presented in relevant sections of the Report.

HSSE Management System

The Company released the standards of Safety, Environment and Health Management System, and the subsidiaries formulated management specifications in accordance with their characteristics. In 2018, we integrated public security into the management system to form Sinopec HSSE (health, safety, security, environment) management system, and correspondingly revised rules covering safety accountability, safety behavior, safety training, risk management as well as hidden hazards management, operations and occupational health. We have established the HSSE Management Committee. The headquarters and the subsidiaries have respectively set up HSSE management organisations. We have regarded work safety, energy conservation and environmental protection as the binding indicators for performance appraisal of the Company's management team. Each deduction of one grade point shall lead to 3% deduction of the annual performance bonus, with the maximum of 20%. The Company sets up GHG emission reduction target and includes the energy efficiency appraisal as well as the carbon emission appraisal into the project evaluation.

Based on the HSSE management system, we have established an emergency management system covering work safety, environmental protection, information security and other aspects, and promoted the establishment of emergency command centres in oilfield, refineries, distributions, engineering construction and other enterprises. Meanwhile, our subsidiaries have established the joint emergency defense mechanism with the local authorities and thus established 13 emergency joint defense zones in different geographical regions, to integrate emergency resources within the regions, and strengthen joint drills so as to make coordinated efforts in emergency response to major accidents.

Target of HSSE Zero casualty, zero pollution, zero accident

Philosophy of HSSE Safety foremost, environmental protection prioritised, maintain employees' physical and mental health, preserve the characteristics of preciseness, meticulousness and pragmatism