

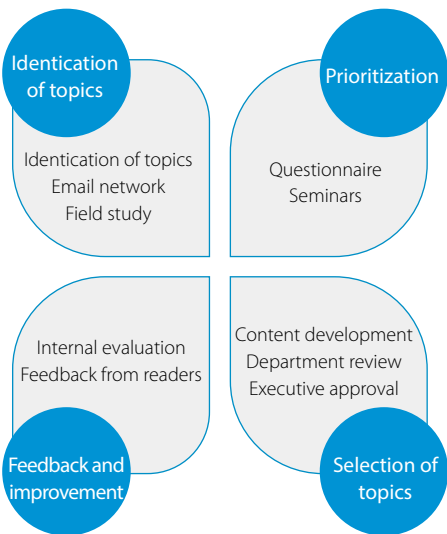
Index of Global Reporting Initiative (GRI) and International Petroleum Industry Environmental Conservation Association / American Petroleum Institute (IPIECA / API)

| Content | IPIECA/API | GRI 2016 |
|--|------------------------------------|--|
| About the Report | | 102-1, 102-2, 102-3, 102-4, 102-5, 102-6, 102-7, 102-16, 102-45 |
| Chairman's Message | E1, E2, E3, HS1, SE1, SE4 | 102-14, 102-15, 102-16, 201-2, 203-2 |
| About Us | | 102-1, 102-2, 102-3, 102-4, 102-5, 102-6, 102-7, 102-16, 102-45 |
| Topic Index | | 102-47, 103-1 |
| Figures in 2018 | | 201-1, 201-2, 201-3, 201-4 |
| Corporate Governance | SE11, SE12 | 102-18, 102-19, 102-20, 102-22, 102-23, 102-24, 102-25, 102-26, 102-27, 102-28, 102-30, 102-31, 102-32, 102-33, 102-36, 405-1, 102-9, 102-10, 102-16, 102-17, 205-2, 414-1 |
| Corporate Social Responsibility Management | | 102-14, 102-15, 102-32, 102-35, 103-2, 103-3 |
| Communication with Stakeholders | SE4, SE5, SE7 | 102-21, 102-29, 102-33, 102-34, 102-40, 102-42, 102-43, 102-44 |
| Stakeholders | | 102-21, 102-29, 102-33, 102-34, 102-40, 102-42, 102-43, 102-44 |
| Special Report: CNPC: Provider, Contributor and Adherent of Green and Clean Energy | SE1 | |
| Sustainable Energy Supply | | |
| Energy and Future | | 102-15 |
| Technology and Innovation | E2 | 103-2, 201-2 |
| Clean Energy | E3, E4 | 203-1 |
| Energy Cooperation | | 201-1 |
| Responsible Operation | | |
| Safe Operation | E8, SE16, SE10, HS2, HS3, HS4, HS5 | 403-3 |
| Environmental Protection | E2, E4, E5, E6, E7, E8, E9, E10 | 102-11, 203-1, 302-1, 302-3, 302-4, 303-1, 303-3, 304-1, 304-2, 304-3, 305-6, 305-7 |
| Climate Change | E1, E2, E4, SE1, SE4 | 102-12, 201-2, 203-1, 301-2, 302-1, 305-1, 305-2, 305-3, 305-5, 414-2 |
| Products and Services | E1, E2, E3, E4, HS4 | 416-1, 416-2, 417-1 |
| Supply Chain Management | SE9 | 414-1, 414-2, 308-1, 308-2 |
| Employee Development | | |
| Employees' Rights and Interests | SE15, SE16, HS1 | 102-8, 102-52, 401-1, 401-3, 405-1, 407-1, 408-1, 409-1 |
| Career Development Platform | SE17 | 404-1, 404-2 |
| Local Hiring and Diversity | SE1, SE5, SE6, SE15, SE17 | 202-2, 405-1 |
| Physical and Psychological Health | HS2, HS3 | 403-3 |
| Caring for Employees | SE1 | 413-1 |
| Public Welfare | | |
| Targeted Poverty Alleviation | SE1, SE4 | 203-1, 203-2 |
| Supporting Education | SE1, SE4 | |

| Content | IPIECA/API | GRI 2016 |
|---|---|--|
| Promoting Local Development | E4, SE5, SE6, SE7 | 203-1, 203-2 |
| Cultrual Civilization | | |
| Contributions to the Development of Overseas Communities | SE1, SE2, SE3, SE4, SE5, SE6, SE7, SE13 | 201-1, 203-1, 203-2, 204-1, 411-1, 413-1 |
| Special Report: Cooperation with Local Government to Build a Beautiful Xinjiang | | |
| Outlook for 2019 | | 102-14, 102-15, 102-16, 201-2, 203-2 |
| Performance Data | | 201-1, 201-2, 201-3, 201-4 |

Approach to Reporting

The contents in this report were selected and disclosed based on their substantiality, integrity and balance principle, and taking into account the concerns of stakeholders and the Company's great influence on the society. They exert substantial impact on the Company's sustainable development.



1. The Company pays close attention to the views of its stakeholders, and collects their comments through community visits, periodical reports, field study and online communication. It makes suggestions on the topics of the report by taking into account stakeholders' major concerns.
2. We assess the Company's sustainable development strategy and cover major social, economic and environmental events related to our strategies, risks and opportunities.
3. We refer to UN SDGs and the social responsibility initiatives and standards proposed by NGOs for topic selection. These include ISO26000 (Guidance on Social Responsibility).
4. Topics are selected based on the comprehensive assessment of stakeholders' concerns and their impact on the Company's strategies. The time span and the scope of impact for each specific topic are clearly defined to ensure the accuracy of the information disclosed.