



## CBCSD UPDATE

### *Collection of Chen Jinhua published*



In December, *Collection of Chen Jinhua* was published by China Petrochemical Press. The collection has selected prominent reports, articles and letters of Mr. Chen Jinhua in his tenure at Sinopec as well as his review and memory on significant events written after his retirement. Meanwhile, Mr. Chen gives an all-round review of big events in economic and politic sphere in 1970s, offering the causes and reasons, implementation, progress, function and significance of a blanket of substantial decisions made during the reform and opening up policy progress and the construction of modernization, which deeply reflects the momentous change on China's society brought by the reform and opening up policy. The publication of Mr. Chen's collection has great significance to the study of the theory and

practice concerning China's reform and opening up policy and modernization construction, as well as on readers' understanding of China's reform and development history. The collection also serves as Mr. Chen's tribute book to Sinopec's 30<sup>th</sup> anniversary.

### **GRI, CBCSD and Security Times co-held G4 Chinese Version Release Press**

On 16<sup>th</sup>, January 2014, GRI released Chinese version of Global Reporting Initiatives Sustainability Reporting Guidelines –G4 in Beijing. CBCSD and its member enterprises sponsored the translation of the G4 guideline into Chinese. G4 is the most widely used principal and tool for sustainable development information disclosure in the world. After the practices of previous 4 editions and with a new perspective of novel challenges and issues of global sustainable development, G4 shows distinctive improvement than the previous ones especially in the so-called "substantial issues", which stipulates the methodology of information disclosure, that is, all report-releasing enterprises/organizations shall correctly define its core issue relating to the positive or negative impact on sustainable development in the 3 sectors, to provide clear disclosure method and specific indicators for industries, and to avoid pointless or meaningless actions in the process of information disclosure.

### **WBCSD (TIP) "ELT Working Group" China Project Conference Held In Beijing**

Experts from Michelin, Goodyear and Bridgestone and the CBCSD hosted WBCSD's TIP Project meeting in Beijing to exchange ELT's current situation and disposal experience in China and around world with related industries and tire enterprises, as invited by the CBCSD. They also exchanged ideas about the outlook of tire industry. The 18-month project aims at raising the awareness in tire industry and exploring best ELT disposal solution to actualize the win-win target of pollution reduction and resource utilization by investigating global ELT disposal.

China is a big producer and recycler of tire. In 2014, CBCSD plans to learn from WBCSD TIP and experiences from its board members to explore China's best ELT disposal solution and typical models, combing China's actual situation, thereby promoting the process of recycling, emission reduction and

environmental protection.

#### **New CBCSD member: Shenyang Blower Group**

Shenyang Blower Group (hereinafter referred to as Shengu Group) officially joined and became a member of CBCSD in 2013. Aiming at localizing international noteworthy equipment in China, Shengu Group serves as a national high-tech enterprise, national innovative enterprise and China's Top 100 enterprise in engineering industry. Taking quality, efficiency, energy-saving and emission reduction, environment protection and work safety as priority, Shengu Group enforces cleaner production in a comprehensive way, imposes the environment policy of "building first class general equipment manufacturing enterprise at world level with high efficiency, low consumption and wonderful environment", takes the path of sustainable development and exerts its efforts in the coordination of economic, environment and social benefit.

#### **New CBCSD member: Michelin (China) Investment**

2013, Michelin (China) Investment officially joined CBCSD and became its member. As one of the Fortune 500 enterprise and a world leader in tire technology, Michelin regards contributing to the progress of people and goods' mobility as its mission by improving freedom, safety, efficiency and pleasure of travelling. In 2002 Michelin announced its "Michelin Performance and Responsibility Charter", clearly indicating the core value of "Five Respects"(respects to clients, staff, shareholders, environment and facts), whose implementation not only promoted Michelin's understanding and practice of its mission, but also helped a lot to the enterprise's sustainable development. Michelin Challenge Bibendum is a grand gathering to showcase and measure top sustainable mobile technology globally, in 2007 it was held in Shanghai and will be back to set off in Chengdu in 2014

## **CBCSD Membership**

#### **Sinopec 2013: Green and Low-carbon: Care for "Clean Water and Blue sky" With Actions**

During the past 2013, Sinopec Group proactively launched special environment protection programs to boost energy-saving and emission reduction, development of new energy and participation of carbon trading. **Launching "Clean Water and Blue sky" environmental protection project; Extensive efforts in energy saving and emission reduction; Exerting in new energy and participating in carbon trading etc.** About 20 enterprises affiliating to Sinopec were listed as pilot enterprises for carbon trading.

#### **Baosteel Won the First Award of National Science and Technology Progress Once Again**

On January 10<sup>th</sup>, 2014, National Science and Technology Reward Congress was held in Beijing. Baosteel's Development And Industrialization Of Hypothermia High Magnetic Induction-Oriented Silicon Steel Sheets Manufacturing Techniques project won the first award. For a long time China's domestic manufacture rate of oriented silicon steel was lower than 40%, lacking of advanced products and ultrahigh pressure high-capacity power transformer core materials completely depend on import. The project has filled in multiple blanks and this is the second time Baosteel won the first prize after its auto sheet project.

#### **Shengu Group Making Breakthrough in Localizing Major Technique Equipment**

In January 2014, Shenyang Blower Group (also known as Shengu Group) signed a contract with Shenhua Ningxia Coal Industry Group on China's first homemade compressor unit with 100,000 air separation facility, which signifies Shengu's success in self-developed 100,000 air separation facility compressor unit and unveiled the great journey towards series of breakthroughs of localizing major technique equipment. As one of the few enterprises who are capable of developing 100,000 air separation facility compressor units in the world such as Siemens and Manturbo, Shengu Group occupies absolute leading position in China's centrifugal compressor techniques and its products has broken the monopolization of foreign technology in multiple areas.

#### **Henkel Awarded 100 Best HRM Companies in China**

Henkel was nominated and won the awards of "100 Best HRM Companies in China" sponsored by

51job, China's biggest human resource service provider. Themed with "Create the future with young people", taking 10 selecting criteria, "100 Best HRM Companies in China" reportedly enjoys the largest scale selection in HRM sphere in China and Henkel's winning the award signifies its leading role in HRM. Henkel has become the HRM benchmarking enterprise in energy/chemical industry for its efforts in helping employee's self-actualization and enhance their skills and working ethics.

#### **SGCC: Ice Disaster Prevention and Control Project Won the First Award of National Science and Technology Progress**

On January 1<sup>st</sup> 2014, National Science and Technology Reward Congress was held in Beijing sponsored by Central Committee of the Communist Party of China and the State Council. SGCC's "Large Scale Ice Disaster Prevention and Control Key Technique and Comprehensive Equipment" project has won the first award of National Science and Technology Progress. SGCC's other 3 projects have won the second award. SGCC has won 43 awards of the National Science and Technology Progress including one special award and 5 first awards, outperforming other SOEs in number and award grade.

#### **Shanghai Volkswagen Awarded Corporate Sustainable Development Model Case**

2012-2013 Sustainable Development in China Summit & Award Ceremony was concluded at the end of December, 2013 in Beijing sponsored by Economic Observer. Shanghai Volkswagen's "Outstanding Traveler's Efforts in Xinjiang" themed environment-protection case won the annual Corporate Sustainable Development Model Case. Shanghai Volkswagen (Xinjiang) has been committed in the practice of advanced environment protection idea and proactively promotes environment protection development in automobile industry, which have witnessed great success and won the approval from experts.

#### **Four CBCSD Member Enterprises Nominated 2013 Global Compact China Best Practices**

During June to November, Global Compact Network China collected about 60 CSR excellent practices from member enterprises. After preliminary screening and expert panel's reviewing, 23 Global Compact China Best Practices were awarded from 23 enterprises including 4 best practices in social responsibility management, 3 best Practices in protection of employees' rights, 7 best practices in protection of natural environment, 2 best practice in compliance, 5 best practices in contributing to social development and 2 best practice in CSR report. Four CBCSD board members were nominated including SGCC, BASF, Baosteel and Sinopec.

## **Corporate Social Responsibility**

#### **CSR Report Updates from CBCSD members and other companies:**

[DSM 2012 China Sustainable Development and Financial Integrated Report \(in Chinese\)](#)

[Epson China 2013 Sustainability Report \(in Chinese\)](#)

[Samsung 2013 Sustainability Report](#)

[Procter & Gamble 2013 Sustainability Report \(in Chinese\)](#)

[Bridgestone 2013 CSR Report \(in Chinese\)](#)

[Jing Brand 2012 Sustainability Report \(in Chinese\)](#)

[CEM 2012 Sustainability Report \(in Chinese\)](#)

For More Reports, Please go to : [CBCSD Collection of Sustainability Reports](#)

#### **Big CSR events in 2013**

CSR China has compiled the 2013 CSR Big Events:

**January:** on 10<sup>th</sup>, compiled by China Electronics Standardization Association CSR working committee, *China Electronic Information Industry CSR Guideline* and *Electronic Information Industry CSR Practice Collection* were released; on 16<sup>th</sup>, National Convention Center launched the CSR Project, which is the first large exhibition center to put forward and take action in CSR project.

**February:** on 17<sup>th</sup>, State Council has published the First Circular Economy Development Strategy and Short-Term Plan; on 25<sup>th</sup>, GRI Media Industry Complement Guidelines was released.

March: .....

### **Guidance on Social Responsibility for Electronics and Information Industry in China Released**

On January 10<sup>th</sup> 2014, the Second China Electronics and Information Industry Social Responsibility Annual Meeting was held in Beijing, sponsored by Ministry Of Industry And Information Technology and China Electronics Standardization Association CSR working committee. *Guidance on Social Responsibility for Electronics and Information Industry in China* was released, whose aim is to promote the comprehensive, balanced and sustainable development of electronics and information industry, to improve the industry's competitiveness, and to guide electronics and information industry enterprises to fulfill its responsibility to employee, environment and society in a scientific, sustainable and systematic way.

### **China's Expediting Enterprise Credit "Black List" Mechanism**

On 6<sup>th</sup> January 2014, Mr. Zhi Shupin, minister of General Administration of Quality Supervision, Inspection and Quarantine, said on National Quality Supervision, Inspection and Quarantine Conference that AQSIQ will speed up building Enterprise Credit Black List Mechanism to refine quality inspection and quarantine department's supervision system, which calls for austere economic and legal punishment as well as media disclosure on enterprises who severely lose its credit. Mr. Zhi also indicated the need to establish quality credit system, boost the launch of national enterprise quality credit recording system database and product quality credit information platform, improve import and export enterprise credit administration system and provoke initiative *Enterprise Quality Credit Report* releasing mechanism.

### **BSCI 2013 Footprint Released**

Among the celebration of BSCI's 10th anniversary activities, the final edition of BSCI 2013 Footprint was officially released on the website, which is a series of case studies on BSCI Code of Conduct participants' implementation of every specific goal. One BSCI participant explained in the recently released edition why they are willing to exert producer's efforts in the key area by involving themselves in BSCI Code of Conduct. BSCI member's work is to motivate their producers' proactive implementation of those practices, and to emphasize the benefits enterprises could gain by taking such actions and their following supports. [See BSCI 2013 Footprint in full \(In Chinese\)](#)

### **Ernst & Young: 2014 Sustainable Development Tendency-G4, ESG, Conflict Minerals and Supply Chain**

On January 13<sup>th</sup> 2014, EY is identifying top sustainability issues for the year in [Let's talk: sustainability](#), a new quarterly publication that focuses on top sustainability concerns. The first edition highlights regulatory and sustainability business trends such as the forthcoming conflict minerals reporting deadlines (Meeting Dodd-Frank Act Section 1502's approaching deadline), the transition to the Global Reporting Initiative (GRI) G4 reporting, reducing supply chain risk and the evolution of the World Federation of Exchanges' view on environmental, social, and governance (ESG) disclosure. See the full report at [www.ey.com/us/sustainability](http://www.ey.com/us/sustainability).

### **SSE Releases "Continuous Information Disclosure of Reorganized Companies"**

On 13<sup>th</sup> January 2014, Shanghai Stock Exchange (SSE) released the "No. 10 Memorandum of Information Disclosure of Significant Asset Reorganization of Listed Companies – Continuous Information Disclosure of Reorganized Companies" (the Memo for short). It is learnt that the Memo further standardizes the verification, affirmation, and commitment of relevant matters before a listed company's reorganization and trading suspension, as well as the continuous information disclosure during the period of reorganization and trading suspension and after disclosure of the reorganization scheme, and strengthens the duty fulfillment of the reorganized company's directorate. The Memo, coupled with other reorganization memorandums previously released by the SSE, constitutes the overall requirements for the continuous information disclosure of reorganized companies.

## **Policies and Regulations**

### **Shanghai Free Trade Zone Will Establish Basic System of Formative Regulation and Post-Regulation**

On 19<sup>th</sup> January 2014, Second Session of 14<sup>th</sup> Shanghai Municipal People's Congress was held. Six mechanisms and systems will be established to increase the transparency of government service and administration including basic formative regulation and post-regulation system, anti-trust scrutiny mechanism, safety review system, enterprise's annual report release mechanism, credit management system, information sharing mechanism between comprehensive law enforcement department and supervision department. Another spotlight goes to financial reform aiming at enhancing government reform. Central Bank reportedly has released 30 suggestions of financial support on the construction of Shanghai Free Trade Zone, related details remained unreleased though.

#### **"Enterprise Environment Credit Evaluation Method (Trial)" Released**

On 2<sup>nd</sup> January 2014, MEP, NDRC, PBC and CBRC co-released "Enterprise Environment Credit Evaluation Method (Trial)" to guide enterprises to conduct environment credit evaluation and fulfill legal obligation & social responsibility concerning environmental protection, and to curb and punish discredit behaviors. Enterprise environment credit evaluation means environment-protection department's evaluation and credit-level assessment on enterprises' actual performance of environment law and regulations obedience, environment social responsibility fulfillment according to stated indicators, methods and procedures, which will later go to public review and serve as an environment managing method for related authorities and financial institutions etc.

#### **NDRC: Priority on Low Carbon Techniques to Ease Resource and Environment Pressure**

"Introducing and Promoting Energy-Saving Low Carbon Technique Management Plan" was released recently by NDRC, clearly indicating the priority on technique support of newly-built and modified/expanded energy-saving and low carbon equipment production line and on supporting energy-using enterprise to modify key energy-saving and low-carbon techniques. According to the plan, NDRC encourages technique-providing enterprises to establish key energy saving and low carbon technique exhibition center to present and promote key techniques; and to energy-using enterprises to collect and apply key energy saving and low carbon technique, launch model base and organize technique exchange and training activities in different industries regularly for intensive application model promotion.

#### **Guiding Opinions of the Ministry of Industry and Information Technology on Energy Conservation and Emission Reduction in the Petrochemical and Chemical Industries Released**

On 30<sup>th</sup> December 2013, Ministry of Industry and Information Technology released Guiding Opinions on Energy Conservation and Emission Reduction in the Petrochemical and Chemical Industries, which clearly identifies guiding thoughts, main target, key task and policy measures of energy conservation and emission reduction in the petrochemical and chemical industries. With the purpose of smoothly fulfilling China's medium-term energy conservation and emission reduction goal and energy consumption volume control, the opinions lucidly points out 6 specific measures and 11 key tasks to optimize and adjust industry structure, to promote energy conservation and emission reduction techniques R&D and promotion, and to speed up low carbon energy development and utilizing

#### **NDRC: "Coal Logistics Development Plan" Released**

On 15<sup>th</sup> January 2014, NDRC and NEA co-released "Coal Logistics Development Plan", comprehensively summarizing coal logistics' progress and deeply analyzing coal logistics' challenge and opportunity under new circumstances, indicating developing direction of coal logistics. The plan calls for systematic arrangement, efficient implementation, coordination, energy-saving and environment friendly development plan, as well as speeding up transformation of developing model, depending on reform and opening up policy, relying on scientific and technological progress to improve coal logistics infrastructure, nurture large coal logistics enterprises, refine service system and improve service capability and to boost the scientific development of coal logistics.

## **Energy & Climate Change**

**ISO50001 Certification Boost Enterprise to Establish High-Efficiency Energy Management System**

ISO50001 Standards serves as guidance to the energy management establishment and implementation of factory, operation facility and organization. It also helps enterprise's energy management, energy utility efficiency, cost reduction and environment benefit improvement. ISO announced ISO50001 energy management system in June 2011 and 4730 plants from 2703 enterprises have been authenticated in the global sphere.

#### **China Environment Exchange Institution Cooperation Union Launched, 7 Carbon Trading Pilot Enrolled**

On 8<sup>th</sup> January 2014, China Environment Exchange Institution Cooperation Union was launched in Beijing, sponsored by more than 10 environment exchange institutions in Beijing, Tianjin, Shanghai, Chongqing, Guangdong, Hebei etc. the union aims at propelling cross-area cooperation in market level, establishing communication and coordination mechanisms among exchange institutions, enhancing industry communication disciplines, boosting information exchange. Mr. Su Wei, Director General of Department of Climate Change, NDRC indicated that the union could play its communicating role to lay the foundation for further cooperation, which occupies great significance not only to the carbon market cooperation in northern China but also in the national carbon market, as well as in other environment exchange markets.

#### **"Preliminary Study on Carbon Assets Evaluation Theory and Practice" Released**

on 5<sup>th</sup> December 2013, "Preliminary Study on Carbon Assets Evaluation Theory and Practice" was released in the strategic cooperation memo signing ceremony sponsored by CAS and China Clean Development Mechanism Fund Management Center. Following the carbon assets evaluation as mainline, the report collects and presents carbon assets evaluation related theories and practices according to different issues. The report was consisted of four parts: comprehensive introduction, theory, practice, outlook and suggestions, which fully present the systematic, professional, insightful, directive aspects of the study.

#### **"Internal Carbon Price" Became Enterprise's New Strategic Planning Tool**

According to the annual disclosure review of CDP released in December 2013, many enterprises listed in America and large listed enterprises conducting business in America have set "internal carbon price" as their current business and strategic focus. Pricing carbon emission has become a typical operation model of enterprise's business plan, for they have noticed that climate change (including extreme weather and unpredictable climate change events) is crucial to enterprise's development and "internal carbon price" is a preliminary measure taken by the majority of enterprises.

[Resource Link](#)

#### **China SOE Electric Enterprises Lower Their Emission Reducing Cost**

Dominating the gradually established carbon trading market, large-sized electronic SOEs in China are taking advantages of policy to soften enterprise's GHG emission control requirements. One of the policies is that the emission reduction volume registered and certified in NDRC's CCER gained from carbon emission reduction project could be regarded as evidence of enterprises' emission reduction. Enterprises in five cities and provinces (Beijing, Shanghai, Shenzhen, Guangdong and Tianjin) where carbon emission trading have been launched could use 5%-10% CCERs to offset their carbon emission and updated the volume to government together with carbon quota before end of June, the handed volume must be the same with the carbon emission volume of 2013.

## **Forums, Seminars and Trainings**

#### **National Conference on Environmental Protection Held in Beijing**

On 9<sup>th</sup> January 2014, the National Conference on Environmental Protection was held in Beijing. The main tasks of the conference were to study and implement the spirit of 18<sup>th</sup> NPC, 3<sup>rd</sup> plenary session of 18<sup>th</sup> CPCCC, Central Economic Work Conference and speeches from President Xi Jinping and Premier Li Keqiang, and to summary 2013 work and arrange 2014 work plan. Mr. Zhou Shengxian, minister of MEP, emphasized the need to fully implement the spirit of 3<sup>rd</sup> plenary session of 18<sup>th</sup> CPCCC, Central Economic Work Conference, to exert efforts in ecology and environment protection

reform, to proactively explore new path towards environment protection, to boost ecological civilization construction and to make contributions to building a beautiful China.

#### **National Energy Work Conference Held in Beijing**

On 13<sup>th</sup> January 2014, National Energy Work Conference was held in Beijing. Mr. Xu Shaoshi, chairman of NDRC attended the conference and made key-note speech. Mr. Wu Xinxiong, vice-chairman of NDRC and minister of NEA addressed a report named “Sound And Solid Actions To Implement 2014 Energy Work: Transfer Pattern, Adjust Structure, Promote Reform, Enhance Supervision, Ensure Supply, Improve People’s Livelihood”. Mr. Xu spoke highly of the 2013 energy work progress and pointed out that NEA had made great progress and substantial achievements in accomplishing major tasks, fulfilling detailed actions, promoting reformation, stabilizing growth and transferring working styles etc.

#### **Seventh Session of the Open Working Group on Sustainable Development Goals Held in UN Headquarter**

During 6<sup>th</sup> to 10<sup>th</sup> January 2014, Seventh Session of the Open Working Group on Sustainable Development Goals was held in UN Headquarter. The theme of the conference included sustainable cities and human habitation, sustainable transport, sustainable consumption and production (including chemicals and waste), climate change and disaster risk reduction. Mr. Li Pengde, General Director of SBSM & UN-GGIM-AP President, attended the conference and addressed “Supervise Geological Condition to Boost Sustainable Development” in “Geographic Information’s Function In Supervising Sustainable Development Goals: Disaster Alleviation, Sustainable Development And Global Urbanization” special session.

#### **The 6th Annual Chinese Charity Conference Held in Beijing**

On 14<sup>th</sup> January 2014, the 6th Annual Chinese Charity Conference was held in Beijing. Mr. Wang Jinhua, Deputy Director General of the General Office of Ministry of Civil Affairs, Mr. Gu Yonghua, secretary of ACJA, and other senior leaders attended the conference. Top 10 charity news and media charity awards were announced in the conference, which was selected through expert’s recommendation, Internet voting and experts’ review etc. “Innovation • Insight • Future” themed summit was held during the conference, where guests discussed topics such as “social reform in innovative context” and “global insight and China’s charity” etc.

#### **2013 Review Conference on National Sustainable Communities Held in Beijing**

During 29<sup>th</sup> to 30<sup>th</sup> December 2013, joint conference was held in Beijing by 16 ministries including MOST, NDRC, MOE, MEP etc. The conference reviewed 16 national sustainable communities in Langfang, Heibei province etc. Taking the video conference mode, in which each experimental zone took their debate in a video conference room, the conference reaped approval from related departments, experimental zones and the provincial department of science and technology. Members of the reviewing committee carefully studied the submitted materials and conducted comprehensive examination by watching video, listening to related-leader’s reports, and on-the-spot questioning. The result would be handed to experiment zone office for collection and summarizing to deliver to MOST for further review.

#### **2014 Winter Davos Forum**

During 22<sup>nd</sup> to 25<sup>th</sup> January 2014, World Economic Forum was held in Switzerland. Themed with “The Reshaping of the World: Consequences for Society, Politics and Business”, which reflect great changes on human society brought by fast-speed science and technology innovation, social reform and global economic order change, the forum focused on “embrace disruptive innovation”, “satisfy society’s new expectation”, “achieve inclusive growth” and “accomplish sustainable development”. The forum emphasized issues such as health, climate change, resource security and sustainability etc. and held seminars and experiencing activities on those issues, seven of which were



relevant to China. 2500 attendees from political, economic, academic sphere in over 100 countries attended the forum including 1500 businessman, over 40 nation and government leaders and 25 international organization leaders. Mr. Wang Yi, minister of MFA attended the forum. More than 100 Chinese delegates attended the forum.

**Read more:**

 [WEF 2014 Annual Meeting Executive Summary](#)

 [Global Agenda Outlook 2014](#)

 [2013 Global Risks Report \(8<sup>th</sup> edition\)](#)

[WEF Official Website](#)

## Davos News

[How can we have an honest conversation climate change?](#)

[How Can We Build More Resilient Cities?](#)

[The 30 cities reshaping the world](#)

[Why We Need to Talk About The Weather](#)

[Pope Francis: My Message to the World Economic Forum in Davos](#)

[What is the Role of Business?](#)

## Media Opinions:

[Financial Times: A World above It All – Welcome to Davos 1914](#)

[Financial Times: Davos is No Place for a Comeback by the Failed Kings of Finance](#)

[Telegraph: It's Time to Reject Crony Capitalism and Embrace the Real Thing](#)

[USA Today: Global Elite Descend On Davos to 'Reshape World'](#)

[CNBC: A Promising Winter Season for Davos?](#)

[Reuters: Rising CEO Confidence in Economy, But Plenty of Worries in Davos](#)

## CBCSD Database

CBCSD database was launched in June 2013 with the purpose of sharing materials and samples with social enterprises to boost information communication and to make joint progress in sustainable development area. There are 5 categories of the database: climate change and GHG, health safety and environment, sustainability reports, water, newsletter and annual meetings of CBCSD. The database collects and updates energy-saving and GHG related laws, calculation methods, industrial and national standards at home and abroad; ISO14064, WRI-WBCSD "Green House Calculation System", series of documents from API's Compendium Of Greenhouse Gases Emission Methodologies For The Oil And Gas Industry and IPCC; Green gas calculation emission factor, IEA roadmap, green house calculation standard training; CBCSD safety production standard recommendation; ISO26000, GRI guidelines; WBCSD global water tool, water tool and calculating factors updates for oil and gas industry; newly updated reports and related tools from CSI and IIRC.

### Climate Change and GHG Database

GHG Calculation Standards

 [2006 IPCC Guidelines for National](#)

[Greenhouse Gas Inventories](#)

 [Greenhouse Gas Inventory Compiling](#)

[Guidelines at Provincial Level \(Trial\)\(in Chinese\)](#)

IEA Roadmap

 [Roadmap: Industrial Application Of Co2capture And Storage](#)

 [2050 Technology Roadmaps: China Wind Energy](#)

[Development](#)

### Health Safety and Environment Database

HSE 标准

[CBCSD Guideline of Safety Management Implementation](#)

[Guidelines on Compilations of Emergency Rescue Plans of Hazardous Chemicals \(in Chinese\)](#)

## Sustainability Reports Database

Sustainability Reports Compilation Standards

[GRI Sustainability Reporting Guidelines G4 Part 1](#)

[GRI Sustainability Reporting Guidelines G4 Part 2](#)

[CSR Guidelines of Shenzhen Stock Exchange](#)

[CSR Guidelines from Pudong](#)

## Water Database

Water Tool

[Water footprint Network: The Water Footprint Assessment Manual](#)

[Global Water Tool for Cement Sector Launched at Budapest Water Summit](#)

[State Oceanic Administration Information](#)

[WRI Aqueduct](#)

## CBCSD Newsletters and Annual Meetings Database

CBCSD Newsletters

[CBCSD Newsletter December,2013](#)

[CBCSD Newsletter November,2013](#)

## More

[Health, Safety, Environment \(HSE\)](#)

[Clean Development Mechanism \(CDM\)](#)

[CBCSD News Room](#)



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