



CBCSD UPDATE

CEC “2013 Enterprise Management Innovation Conference” Held in Beijing



On March, 21st, co-sponsored by CEC, SASAC and MIIT, the 2013 Enterprise Management Innovation Conference was held in Beijing. Themed with “promote enterprises’ innovation and development in comprehensive reform”, the conference launched the list of 196 “20th achievements of enterprise management and modern innovation” including 27 first prizes and 169 second prizes. Board and members of CBCSD including CNOOC, SGCC, and Sinopec won the prizes.



Mr. Wang Zhongyu, the Chairman of CEC and CEDA attended the conference and delivered a keynote speech. Mr. Wang shared his opinions on strengthening enterprise innovation under the background of in-depth comprehensive reform: taking the reform as an opportunity to further the knowledge of the importance of management innovation;

taking the decisive role of market as guideline to improve enterprises’ competitiveness; focusing on technique innovation to fully implement innovation-motivated strategies; concentrating on environment and air pollution control to push ecological progress; targeting at sustainable development and to gradually improve corporate social responsibility.

Mr. Zhu Hongren, chief engineer and party member of MIIT; Mr. Guo Jianxin, deputy secretary of SASAC attended the conference and made important speeches. Other senior officers from NPC, DRC, CAC and CASS attended the conference and made specialized speeches. Mr. Hu Xinxin, executive vice president of Modernization of the National Innovation Enterprise Management Evaluation Committee commented on those achievements and introduced the priorities of the 21th new achievements application. [\[more\]](#)

Mr. Wang Jiming Attended WBCSD ExCo Meeting

WBCSD held its executive committee meeting on March 5th to 6th,. Mr. Wang Jiming, member of WBCSD’s executive committee, senior consultant of the science and technology department of Sinopec, president of CBCSD attended the meeting. Moderated by Mr. Paul Polman, the president of WBCSD and CEO of Unilever, the meeting also reviewed Mr. Peter Bakker (the chairman of WBCSD)’s status report. Discussions were held concerning Action 2020, membership, project mode, partners and financing. Executive committee members listened to the briefings from WBCSD core managing groups and shared ideals on “redefine value: measuring, evaluating and reporting (MVR)”and projects concerning COP 21 of UNFCCC in Paris. Other attendees were executive committee members and representatives of the members from 9 enterprises including Toshiba, Lafarge, Brazil Fibria and Eskom. Mr. Wang Jiming shared his opinions and suggestions on membership, priority projects etc.

CBCSD Will Hold 2014 Annual General Meeting & the Tenth Workshop on Latest Trends of Sustainable Development

China Business Council for Sustainable Development (CBCSD) is to hold the Annual General Meeting (AGM) and the Tenth Workshop on the Latest Trends of Sustainable Development on April 17th (Thursday), 2014 in Beijing.

The Tenth Workshop on the Latest Trends of Sustainable Development will be held with the theme of “Urban Sustainable Development from the Energy Perspective”. Leaders from governments, enterprises and research institutes, along with domestic and international known professionals, are invited to discuss topics including:

- Policies and role of business on Low-carbon development, low-carbon city and carbon trade pilot;
- China carbon emissions peak and its influence on energy policies;
- Institutional reform focusing on low carbon urbanization, promote the transfer of urban developing mode, realize the sustainable, ecological, low-carbon and green development of cities;
- Comprehensive interpretation on China’s air pollution prevention and control plan, offer concrete and practical advises on the implementation of relevant regulations;
- Approaches to address impacts and challenges raised by shale gas and new revolution of conventional energy.

Around 160 CEOs and liaison delegates from CBCSD member enterprises, representatives from government, business community and SD-related institutions will attend the Annual General Meeting (AGM) and the Tenth Workshop on the Latest Trends of Sustainable Development. [\[more\]](#)

More Information:

[CBCSD AGM & Conference on Latest Trends in SD](#)

[Pictures from Previous AGMs](#)

CBCSD Membership

Sinopec identifies six priorities at the mine (in the community) in 2014

On March, 7th, Sinopec mine (community) work video conference was held in Sinopec headquarter, on which 6 priorities were identified: 1. Concentrate on people’s well-being project and provide more comfortable living facilities for employees. 2. Further perfect institutional mechanism by marketing and socializing reform. 3. Comprehensively implement the operation model of professional research to strengthen and optimize mine (community) operation. 4. Deepen civilization and harmonious demonstration community work; further improve management and service level of the community. 5. Strengthen enterprise management in an all-round way; improve operating quality and security capability. 6. Build a stronger stuff to ensure the stability at the mine (in the community).

COSCO Successfully Developed and Installed Vessel Solar Power Grid and Off-Grid Photovoltaic System

On March 22th, “COSCO Teng Fei” vessel successfully launched the solar photovoltaic system and off-grid electricity generation project. Led by R&D center of COSCO, the project aims at generating power for large car-carrier ship by using solar energy from the ocean environment to reduce emission and conserve energy and to further prove solar energy’s value in marine application.

Eaton Won Sustainable Development Awards

In March, Eaton won the Sustainable Development Award issued by Southfield Chamber of Commerce. Sustainable development is the core value of Eaton. Eaton has been consistent in exerting every effort to promote global sustainable growth by efficiently utilizing and saving global resources, developing high efficiency and energy saving products, reducing emission, and protecting the

environment.

Michelin set up one million euros prize to encourage innovation

Michelin Group will launch Almighty Michelin Performance Award. The project aims to further promote innovation in the 2014 Le Mans 24 hours' endurance race. In June last year, Michelin announced the award of settings. Innovation is not only a means to improve the performance of the track, but also contribute to the sustainable movement. The Michelin Bibendum Challenge Competition is one of the projects, which will be held in 2014. [\[more\]](#)

Henkel Sustainable Development Youth Painting Competition roadshow starts from Shanghai Changning International Middle School

On March, 6th, together with well-known painting-featured Shanghai Changning International Middle School as well as experts in this field, Henkel held environmental protection themed roadshow. "Beautiful China sustainable development" Henkel Sustainable Development Youth Painting Competition was sponsored by Henkel China Investment Inc. Varieties of paintings would be allocated before April 15th, 2014 with the theme of "Inherit Traditional Chinese Culture, attention on sustainable development, environment protection, low-carbon, ecology and climate change".

Nippon won two awards in the 2013 Media Relations Awards

In March, featured with "Ecolor" as its core CSR philosophy, Nippon was awarded Best PR Innovation in the 2013 Media Relations Awards and Best PR Innovation issued by the Best Company for Leadership award in Paint Technology Asia.

Schneider Electric Introduces StruxureWare for Mining, Minerals and Metals in the Middle East

On March 12th, Schneider Electric, a global specialist in energy management, today announced the release of StruxureWare™ for Mining, Minerals and Metals in the Middle East; it is a comprehensive suite of applications that optimizes production operations to reduce costs and improve sustainability within the mining, minerals and metals operation. This is the newest addition to Schneider Electric's innovative StruxureWare software, the company's platform of integrated software applications designed to help customers maximize business performance and be more efficient and sustainable. [\[more\]](#)

Corporate Social Responsibility

CSR Report Updates from CBCSD members and other companies:

- [📄 Nippon China 2013 CSR Report \(in Chinese\)](#)
- [📄 China Unicom 2013 CSR Report \(in Chinese\)](#)
- [📄 Pin An of China 2013 CSR Report \(in Chinese\)](#)
- [📄 Jingdong Social Responsibility Report \(2004-2013\) \(in Chinese\)](#)
- [📄 Hangzhou Environmenyal Group 2013 Social Responsibility Report \(in Chinese\)](#)
- [📄 Guiyang Plateau Mining Machinery 2013 Social Reponsibility Report \(in Chinese\)](#)

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

SASB Releases Provisional Sustainability Accounting Standards for Financials Industries

The Sustainability Accounting Standards Board (SASB), a 501c3 non-profit organization that provides sustainability accounting standards for use by publicly listed corporations in the U.S., released provisional standards for industries in the financial sector. SASB standards help corporations comply with existing regulation, Regulation S-K, to disclose all material issues in the Form 10-K. The

working groups for the Financials sector 302 survey responses— represented publicly traded companies with more than \$1.3 trillion market capital and investment firms with more than \$5 trillion in assets under management. [\[more\]](#)

Goldman Sachs, World Bank Broaden Woman Entrepreneurs' financing approaches

On March, 5th, Goldman Sachs and World Bank jointly announced their commitments to broaden women entrepreneurs' financial approaches, which are a further fulfillment of Goldman Sachs's "10,000 Women" Initiative, the first women-targeted SME global financial tool to encourage credit and loan in developing countries. The initiative is sponsored by Goldman Sachs Foundation and global financial companies. With the joint efforts from local banks from developing countries, the project would help to eliminate market barriers and ease loan to woman-owned small and medium sized enterprises.

Development Overview of China philanthropy Industry in 2012 Released

China philanthropy research institute and Asia Foundation jointly released the *Development Overview of China philanthropy Industry in 2012*, to review the prominent progress made in this sector, analyze current trends and identify challenges faced by China's philanthropy industry. The overview report also presents a outlook of the progress made in 2012 in 5 perspectives: law and regulation construction, credibility and accountability construction in public, social innovation, organization capability construction and external support from other institutions and organizations.

Policies and Regulations

Strategy Report of China's Sustainable Development In 2014 Released

With the theme of "building a system and mechanism of ecological civilization", Strategy Report of China's Sustainable Development In 2014 was released lately. The report analyzed domestic and foreign background on environment and development, summarized experiences and problems of the existing ecological civilization practices, identified scientific conclusion based on future analyses and estimation of policy effects, and put forward target system of ecological civilization, solution and related policies. Facilitating the newest sustainable development evaluation indexes and comprehensive performance indexes of environment and resources, the report conducted an all-round evaluation and analysis on the sustainability since 1995 and performance of environment and natural resource after 2000, revealed the dynamic features and trend of the performance and sustainability in China and each provinces respectively.

State Council of PRC Published *New Guidelines for China's Next Round of Urbanization (2014-2020)*

Central Committee of CPC and the State Council have jointly published *New Guidelines for China's Next Round of Urbanization (2014-2020)* recently, which clarified the developing path of urbanization in future, main target and strategic missions. Combined with innovation in mechanism and policies, the plan serves as a macro, strategic and fundamental guideline for the healthy development of China's urbanization. The plan includes 8 chapters and 31 articles.

MOST and MIIT Jointly Released *2014-2015 Plan for Energy Saving and Emission Reduction Special Projects*

On March 4th, The Ministry of Industry and Information Technology (MIIT) and Ministry of Science and Technology (MOST) jointly released the *2014-2015 Plan for Energy Saving and Emission Reduction Special Projects*. From the time this plan was presented to the end of 2015, we will witness the following progress hopefully: innovation in science and technology will play a more supportive role in actualizing China's goal of energy saving and emission reduction; energy saving and emission reduction techniques and equipment with independent intellectual property rights will shape its initial system; energy saving and emission reduction technique standards and regulatory mechanism will

further be improved; energy saving and emission reduction scientific innovation and assistant system will be preliminarily established; energy saving and emission reduction technique will be applied in scale.

SFA will release 2013 Forest Industry's White Paper for Addressing Climate Change

In March, SFA has released a notice to publish the 2013 Forest Industry's White Paper for Addressing Climate Change. According to the white paper, following the instructions of the Party Central Committee and the State Council, closely attach its work with Work Plan on Controlling GHG Emission In 12th Five Year Plan and Forest Industry's Action Priority in Addressing Climate Change In the 12th Five Year Plan, SFA has made huge progress in tackling climate change and contribution to achieving the double goal of forest growth, increasing forestry carbon storage, and to assisting China's domestic and foreign diplomatic efforts in addressing climate change. Meanwhile, the white paper has put forward 11 suggestions such as enhancing macroinstruction, optimizing leadership and organizing abilities.

Top 10 News of China's Ecological Civilization In 2013 Released

On March 17th, CECRPA hold press conference on its first release of the "Top 10 News of China's Ecological Civilization In 2013". The major issues of this conference are "promoting air pollution control", "enlisting ecological construction to the assessment and promotion of leadership", "arranging more significant ecological project" and "strengthening the law system concerning ecological civilization".

Energy & Climate Change

Su Wei: New Agreement Negotiation on Climate Change in Its Crucial Stage

During March 10th to 14th, UN 2014 first round negotiation of climate change was held in Bonn, German. Mr. Su Wei, chief negotiation representative of China received exclusive interview of Xinhua News Agency during the negotiation and indicated that further negotiations concerning new agreement of climate change will get close to more details and consequently hit the interests of several parties, which will make the process even more difficult. The new agreement will be passed in the UN climate change conference held in Paris, France at the end of 2015 and witness its implementation since 2020. The new agreement will also serve as a reference for GHG emission control and addressing climate change.

A New Round of Climate Change Negotiation Unveiled In Bonn

On March 10th, a new round of negotiation concerning climate change was unveiled in Bonn. Participants discussed how to accelerate actions to tackle with climate change from the international community before 2050, as well as documents and issued which would be actualized in the global climate change conference held in Paris in 2015 on the 5-day conference. Discussions also were conducted concerning the climate change summit in headquarter of UN this September summoned by UN general secretary Ban Ki-Moon.

China Low Carbon Development Report 2014 was launched in Beijing

China Low Carbon Development Report 2014 was released in Beijing on March 22th, the launch event was hosted by Tsinghua University Climate Policy Research Center. It's said by the organizer that this report was a professional research one regarding evaluation and assessment on Chinese low carbon development policy. This report is the fourth of the series, continuing evaluation and assessment on low carbon development policy, action and effects and constantly focusing on promoting energy efficiency and investment on renewable energy.

China's Carbon Emission Market in Its Active Period

Since 2014, the turnover and transaction price in many carbon trade market soared and China's carbon emission market stepped into its active period (take Beijing for example, during recent three months the total transaction volume amounts to 55.550 tons, the average trade price was 51.88 yuan/ton and 52.82 yuan/ton at its highest), pushing carbon exchange speed up to its fast growing lane. According to the expertise in this field, so far over 20 organizations have been engaged in carbon exchange, the Top 3 existing in Beijing, Tianjin and Shanghai. The related businesses are in extending trend reportedly.

China and US Jointly Working In Energy Conserving and Emission Reduction for Zero Consumption Building

On March 19th, the vice minister of DOE, director of American department of CERC, officers from the United States Embassy in China and experts in building energy efficiency visited the zero-consumption demonstration building which was under construction in CABR. Officers from MHURD attend the visit. Focusing on the key issue of China's energy-conserving building techniques and following the principle of "Advanced, Optimized, Economical and Practical", the zero consumption demonstration building presents world leading energy efficiency of building and green building techniques, and exhibits the exploration, research and model of China's low energy consumption efforts.

IPCC Report: Now or Never In Addressing Climate Change in A Severe Greenhouse Effect Context

On March, 18th, the Intergovernmental Panel on Climate Change (IPCC) delivered the final edition of AR5 science report to its member governments to avoid severe situation of global greenhouse effect with focus on mitigating climate change reportedly. According to the report, it is very necessary to reduce CO2 emission and more efficient energy usage. Nuclear power shall be prudently used as regard to the TEPCO's Fukushima nuclear leak incident.

"Earth Hour": Thousands of Cities Dimmed Lights To Raise Money For Environment Protection

On March 30th, thousands of cities lights off to respond the "Earth Hour", an activity aiming at raising public awareness to the threatening of climate change. 2014's Earth Hour targeted at raising over \$100, 000 for environment protection. According to WWF, over 7000 cities in 157 countries have participated in this year's Earth Hour.

Forums, Seminars and Trainings

Hot Issues of NPC and CPPCC: Energy-Conserving, Environment Protection, Addressing Climate Change



On March 3rd, the second session of The 12th National Committee of the Chinese People's Political Consultative Conference (CPPCC) was unveiled in the Great Hall of The People. On March 5th, the second session of the 12th National People's Congress (NPC) was held in the Great Hall of The People.

Environment protection has been highly attentioned during the NPC and CPPCC. Representatives proactively put forward their advises and suggestions, among which 27% were environment-related suggestions(or 82 of the 300 cases). Issues concerning ecological protection, the amendment of environment protection law, environment in rural areas and overcapacity were heatly discussed, as well as newurbanization, technique energy. For technique energy, representatives mainly focused on the promotion of new energy automobile, the utilization of biogas and straws in rural areas.

More information:

News:

[China needs tough measures, regulations to fight pollution: Premier](#)

[Officials from Ministry of Environmental Protection give press conference](#)

[Key reform agenda to watch as parliamentary session wraps up](#)

Opinions:

Wall Street Journal: [Can China's Policy Makers Get Their Message Straight?](#)

International Business Times: [China NPC 2014: Shifting Rhetoric on Property Market](#)

Time: [China's Leaders Need to Make Real Strides in Economic Reform, Not Baby Steps](#)

Business Insider: [Local Government Debt and Environmental Issues Will Top Agenda during China's Upcoming National People's Congress](#)

Global Times: [Li's government work report receives wide support](#)

See the website of [The Second Session of the Twelfth National People's Congress](#)

Download government report:

[Report of the Work of the Government By Premier Li Keqiang](#)

[Report on the Implementation of the Central and Local Budgets in 2013 and on the Draft Central and Local Budgets for 2014 by Ministry of Finance](#)

[Report on the Implementation of the 2013 Plan for National Economic and Social Development and on the 2014 Draft Plan for National Economic and Social Development by NDRC](#)

China Development Research Forum Held in Beijing

During March 22th to 24th, "China Development Research Forum" was held in Diaoyutai State Guesthouse in Beijing. Premier Li Keqiang met with foreign guests of the forum. Vice Premier Zhang Gaoli attended the opening ceremony and delivered a speech. Themed with "China: to comprehensively deepen reform", the forum hold discussions on new path to urbanization, financial and tax system reform, the construction of social welfare system, open economic reform construction, SOE reform etc. [\[more\]](#)

First "Green Industry Training" held in Beijing

During March 11th to 14th, the first "Green Industry Workshop" was held in Beijing, sponsored by UNIDO and Beijing Normal University under the support of MIIT. 12 courses were systematically lectured by related officers from UNIDO and experts from research institutions at home and abroad concerning the definition of green industry, effective utilization of energy and resources, industrial circular economy, clean production etc. 50 representatives from energy saving and synergy related department took this workshop reportedly.

2014 "Green Finance Workshop" Held in Shanghai

The 2014 "Green Finance Workshop" was held in shanghai sponsored by Bank of Shanghai, SME special financial committee of SFA and the Shanghai Energy Service Association. The workshops hold discussions on industrial development, present problems, financing solutions, policy supports of green energy-saving and environment-protection industry especially in energy enterprise and carbon-reducing industry.

The 4th Global Coking Coal Resource and Market Summit 2014 Held in Taiyuan

On March 19th, The 4th Global Coking Coal Resource and Market Summit 2014 was held in Taiyuan Coal Exchange Center Hall. The two-day summit invited authorities at home and abroad to deliver lectures and hold discussions with representatives from enterprises on hot topics in industry such as "macro economy and coal market operation", "coking coal resource and market situation analysis", "coal financial investment and futures market", "analyses on international coking coal export and import". Anticipants of the summit also discussed problems and solutions to industrial chain to boost the friendly friendship between enterprises and to promote the connection of supply and demand.



CBCSD database was set up to share all the materials and practice cases with the whole society, to improve information exchange and common progress in sustainable development. The new database is categorized into 5 columns: Energy and Greenhouse Gases, Work Safety (HSE), Compilation of Sustainability Reports, Water, and CBCSD newsletter and latest trends in sustainable development.

Welcome the contribution from all professionals and colleagues!

Climate Change and GHG Database

GHG Calculation Standards

[Product Life Cycle Accounting and Reporting Standard](#)

[Technical Guidance for Calculating Scope3 Emissions](#)

IEA Roadmap

[Technology Roadmap: Nuclear Energy](#)

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

Health Safety and Environment Database

HSE Standards

[List of dangerous goods\(in Chinese\)](#)

[Catalogue of Hazardous Chemicals \(2002\) \(in Chinese\)](#)

Sustainability Reports Database

Sustainability Reports Compilation Standards

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

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

Water Database

Water Tool

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

[The GEMI Local Water Tool](#)

[Water Footprint Case Study in Industry Enterprises \(in Chinese\)](#)

[WRI Aqueduct](#)

CBCSD Newsletters and Annual Meetings Database

[CBCSD Newsletter January,2014](#)

[CBCSD Newsletter February,2014](#)

Member Feature——Shell China

Shell China's Sustainable Development



SHELL IN CHINA

Shell's business relationship with China dates back to more than a century ago, testifying to our long-term commitment to this country. Shell is proud to be 'In China, for China'. Looking into the future, our vision is for Shell China to become one of the core countries for the Shell Group by 2020. We want to be the leading international energy company (IOC) in China, contributing to the sustainable economic prosperity of the country and our customers. To realize these goals, we are focusing on four strategic business priorities:

- International cooperation with Chinese partners overseas to bring energy back to China;
- Developing unconventional gas resources in China and providing natural gas, liquefied natural gas (LNG) and quality oil products to help meet the country's energy needs with cleaner fuels;
- Research and development (R&D) and technology cooperation;

SUSTAINABLE DEVELOPMENT AND OUR BUSINESS

Shell works to help meet rising energy demand in a responsible way. That means operating safely, minimizing our impact on the environment and building trust with the communities who are our neighbors.

As the world’s population rises and the demand for energy grows, we must meet the needs of our customers and partners against a backdrop of economic volatility. We face increasing competition for access to energy resources in a world where environmental and social pressures are mounting. Our approach to sustainable development underpins the responsible way we work.

Working closely with communities where we operate allows us to better share the benefits of our activities and to reduce our environmental impact. Understanding and responding to community hopes and concerns allows us to help develop local economies through jobs and business opportunities from the outset of a project. This also allows us to avoid delays to our projects, so makes good business sense.

We will continue to develop oil and gas projects to help meet rising energy demand.

Safety

Safety is critical to the responsible delivery of energy.

Our goal is to have zero fatalities and no leaks or other incidents that harm our employees, contractors or neighbours, or put our facilities and the environment at risk.

We manage safety through rigorous processes and by embedding a safety culture in the daily lives of our workforce. Everyone working for us and joint ventures we operate must follow our safety rules, intervene in unsafe situations, and respect our neighbours and the environment. Our Health, Safety, Security, Environment and Social Performance Control Framework, a global set of standards and accountabilities, defines the operational controls and physical barriers we require to prevent incidents.

Our Life-Saving Rules (see the graph above) and annual Safety Days continue to improve risk awareness and foster a culture where everyone takes responsibility for safety.

We have a stringent approach to process safety to make sure our facilities are well designed, well operated and well maintained, so they can run safely and without harm to people or the environment. The global safety standards we apply to all the facilities and projects we operate meet local regulatory requirements, and in many cases exceed them.

Shell takes a dual approach to potential incidents. We identify and assess risks that have the potential to become an incident, and take the necessary steps to reduce or eliminate them. At the same time, we prepare for, and are ready to respond to, an incident in the event that one occurs.

We routinely prepare and practise our emergency response to incidents such as an oil spill or a fire. We work closely with local emergency response crews and government organisations to regularly test our plans and procedures, with the aim of continually improving our readiness to respond. If an incident does occur, we have multiple recovery measures in place to minimise the impact on people and the environment.



COMMUNITIES

Our projects and facilities are a part of many communities around the world. We aim to have a positive effect in those communities. Through our operations we create jobs and business opportunities that help to build or rejuvenate local economies, and support community development projects. This is a responsible approach that builds trust and makes good business sense.

Shell has global operating standards and mandatory requirements that set out how we work with the communities our operations might affect. Each of our major projects and facilities must have a social performance plan that frames the way we work to minimise our impacts, engage with communities and share benefits.

When we plan a new project or changes to an existing facility, we talk to local communities and listen to their expectations and concerns as early as possible. Through the life cycle of our operations, we engage with local communities to identify their needs and opportunities for development.

Sharing the benefits of our operations means we also invest in community programmes in which our expertise can provide a positive and lasting impact. We focus on three global themes: enterprise development, road safety, and safe and reliable access to energy for the communities around us. We also have locally tailored programmes in areas such as community development, education, and biodiversity and conservation.

ENVIRONMENT

Working to reduce the environmental impact of our operations takes rigorous planning. We focus on key areas including managing carbon dioxide (CO₂) emissions, using less energy and water, preventing spills, flaring less gas produced with oil, and conserving biodiversity.

We manage CO₂ emissions through using more energy-efficient technologies and processes, and by reducing flaring in our operations. We are developing a capability in carbon capture and storage. We aim to prevent spills through strict standards and by making sure that our facilities are well designed, safely operated and properly maintained.

The availability of fresh water is a growing challenge for the energy industry as developing new resources, such as tight gas, can be water intensive. Operating in water-scarce areas may bring operational and commercial challenges as regulations on water use tighten and the costs of using water increase. Shell is taking steps to better manage our use of water. We are using innovative approaches and advanced technologies in the design and operation of our facilities to reduce our use of fresh water, and to recycle more water.

When we plan a major project, or an expansion to an existing facility, we conduct an environmental impact assessment. As part of this we consider the potential effects on local biodiversity, and take steps to address them.

Through our partnerships with leading environmental organisations we continue to find new ways to manage environmental challenges and improve the way we develop our projects.

More

[Health, Safety, Environment \(HSE\)](#) [Clean Development Mechanism \(CDM\)](#) [CBCSD News Room](#)



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