

CGN Overseas Sustainability Report





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Message from the Chairman



At present, sustainable development has become a global imperative. Every enterprise embedded in the global economy should integrate its business operations with environmental and social benefits, working with partners to seek sustainable development.

CGN participates in global energy governance and structural transformation. We develop clean energy business based on local conditions in countries and regions of Asia, Africa, Europe and South America, etc. By building high-quality projects and giving back to local communities, we are committed to benefiting the local society with better clean energy and working together to face various sustainable development challenges, so as to achieve mutual benefits, win-win results and prosperity.

Building an energy community with a shared future through cooperation

Against the backdrop of global climate change, green and lowcarbon development has become the international consensus. Therefore, countries around the world are accelerating to develop clean energy. In response to the need for global energy transition, CGN is committed to developing and building the clean energy industry, improving and upgrading of the energy mix in the project areas, creating an ecosystem of the international industrial chain, thus turning the corporate vision of developing clean energy to benefit mankind into reality with actions.

Ensuring safe and reliable energy supply

Since safety is the lifeline for energy projects, we always put safety and quality first and never stop pursuing excellence. We continuously improve the safety management system, maintain power plants on a regular basis, and organize activities regularly to raise employees' safety awareness and hone their skills. In addition, we strive to develop high-quality projects, making every effort to ensure the health and safety of employees and the stable operation of power plants. All our overseas subsidiaries have been certified by the ISO 9001 quality management system and the ISO 45001 occupational health and safety management system. Many of our plants/ stations rank top locally for their efficient and stable operation and maintenance, providing a safe, reliable, clean and affordable clean energy supply for local users.

Promoting harmonious coexistence between man and nature

The ecological environment has a bearing on the sustainable development of mankind. CGN has always upheld the environmental management philosophy of "symbiosis, mutualism and regeneration," making sustainable use of natural energy. We align environmental management with energy project operations to meet safety, economic and environmental goals at the same time. We strictly abide by the environmental protection laws and regulations of the host countries/regions. Our power plants have all been certified by ISO 14001 environmental management system. While focusing on biodiversity conservation, we have established the fourstep (avoidance, reduction, mitigation, and compensation) biodiversity management approach. We conducted natural capital assessments with scientific methods strictly and systematically, improved the environmental management system with targeted measures, and deeply participated in global environmental governance, aiming to build a global ecological civilization.

Achieving common prosperity and development by sharing benefits

Only through symbiosis and common prosperity can we achieve stability and long-term success. CGN respects the brilliant and diverse cultures in project areas, employs local staff, promoting community welfare and sharing economic achievements with the local society. By developing highquality clean energy projects, we bring advanced technologies, outstanding talent, and steady funds to the project areas to drive local employment and empower the development of the local energy industry chain. We share development prospects with local employees, continue implementing localized operations and equal employment, and provide professional training and career opportunities for local workers, so that they can grow together with CGN. We organized diverse cultural exchange activities to bond with local community. We established funds and organized philanthropic activities to give back to local community. In addition, we vigorously support the development of local education, sports, and other undertakings. Through these efforts, we have nurtured deep friendships in cultural integration.

Looking ahead, CGN will continue to uphold the mission of "developing clean energy to benefit mankind" while working together as a community of shared future to meet high standards, benefit the people and promote sustainability. We will work relentlessly to open up new ground in international energy cooperation and promote a green global energy transition to jointly build a sustainable community with a shared future for mankind.

Chairman of China General Nuclear Power Group



About CGN

I Company profile

China General Nuclear Power Group (CGN) is headquartered in Shenzhen, Guangodng Province, China. With over 40 years of development, it has developed "6+1" businesses in the fields of nuclear energy, nuclear fuel, new energy, non-power nuclear technology, digitization, high-tech environmental protection, industrial finance, etc. CGN currently owns 3 listed companies in Hong Kong and 2 listed companies in the Mainland.

With its business distributed in 15 countries and regions abroad, including France, Malaysia, Brazil, Namibia and etc, CGN plays ar important role in optimizing the local energy structure and promoting regional economic and social development.

Our mission

Developing clean energy to benefit mankind

To build a world-class clean

energy group

Our vision

Our basic principles

Safety First Quality Foremost Pursuing Excellence

Our working style

Strict compliance Prudent decision-making Detail-oriented principle Fact-based approach

Our slogan

Natural Energy Powering Nature

Wind farm in Taishan, Guangdong, China

Corporate Governance

We have established a sound board governance mechanism to promote sustainable development of the company through scientific and effective decision-making and compliance management.

| Board governance

The Board of Directors of CGN has established scientific rules of procedure in strict accordance with laws and regulations such as the Company Law of the People's Republic of China. Under the Board, there are four specialized committees: Nomination Committee, Remuneration and Appraisal Committee, Audit & Risk Management Committee, and Strategy Committee, to help the Board make science-based and informed

| Compliance management

Compliance management



To strengthen compliance risk prevention the compliance guide for overseas investment and operation. We sorted out over 200 compliance obligations and conducted research on overseas integrity

Honors

6.0

Swakop Uranium won the honorary title of "Model Unit in Business Compliance" from the Embassy of the People's Republic of China in the Republic of Namibia in the 2018 assessment of Chinese-funded companies in Namibia.



In 2021, CG certification of ISO 37001:2016 Antibribery management system



We conduct 100% review of rules veto right mechanism is established for

Compliance culture



Sustainability Management

We integrate the philosophy of sustainable development with our corporate strategies. Specifically, we practice sustainability management across functions and business links to enhance the Group's capability and competitiveness in sustainability, and improve the quality of corporate development, contributing to economic and social sustainability.



In the face of global energy transition and development

- The steady recovery of the global economy has continued to drive up global energy demand.
- Thanks to growing global energy demand, profound changes on the supply side, and the decreasing proportion of fossil fuel, renewable energy is developing rapidly.
- The progress toward the UN 2030 Sustainable Development Goals falls behind the schedule.



Implement the "clean energy +" strategy

o Promote layout optimization, structural adjustment, efficient coordination of factors, and market competitiveness, and enhance brand influence through integration with clean energy as the core.



Adapt the CSR management model of NICER

• CGN has developed a unique, mission-driven, transparent corporate social responsibility management model called NICER, standing for Nuclear Safety, Influence Enhancement, Community Engagement, Environmental Sustainability, and Responsibility Communication, five areas CGN prioritizes based on a systematic review of its CSR practices and on stepping up efforts in CSR culture and strategy planning, and strengthening organizational and managerial support. The purpose is to promote higher quality, more efficient, equitable, sustainable, and safer development with more practical actions.

CGN's NICER CSR management model





Apply the new development philosophy in full, in the right way, and in all fields of endeavor

Driven by the mission from the inside out

Develop clean energy to benefit mankind

Community Engagement

- > Build a harmonious community
- > Promote rural vitalization
- > Help employees grow

Environmental Sustainability

- > Develop clean energy
- > Reduce carbon emissions
- > Protect the ecological environment

Responsibility Communication

Managerial support



Stake	holders	Expectations and Demands	Communication Channels
	Customers	Stable supply of clean energyFair and transparent operational environment	 Customer satisfaction survey Social media communication Communication meetings
	Communities	 Engaging in community development Protecting local environment Ensuring community safety 	 Open day Public consultation meeting Domestic and foreign media platforms
. =	Employees	 Guaranteeing compensation and benefits Protecting human rights Personal development Health and safety 	 Workers' Congress Training activities Employee Symposium
5	Partners	Fair partnershipTransparent procurement	Communication activitiesCooperation Forum
*	Shareholders	Good operational performanceCreating value for society	Annual reportThe general meeting of shareholders
\bigcirc	Governmental bodies	Compliance operationEnsuring safety	• Regulatory review
	Media/NGO	Transparent and open informationFulfilling social responsibility	 Open day Interview Domestic and foreign media platforms

Expanding communication channels

We release information on official websites of CGN, and on domestic and foreign media platforms, disclosing the Group's progress on sustainable development, and actively communicate with all stakeholders.

In recent years, we have organized Open Day, China Week activities and offline tours of foreign journalists to give overseas stakeholders first-hand experience of our ideas and culture, listen to their voices, and continuously improve our sustainability management.



CGN France

Le 3 août, plus de 1400 participants venant des pays africains ont participé au cinquième marathon annuel de Husab parrainé par la Foundation CGN Swakop Uranium , à la mine d'uranium de Husab , près de la ville côtière de Swakopmund, en Namibie.



CGN twitter posts the news on the fifth Husab Marathon in Namibia

Spotlight 1

Building an energy community with a shared future

CGN has been dedicated to global energy cooperation. Proceeding from local conditions, we are committed to win-win development of projects and surrounding communities, and promoting the integration and mutual learning between Chinese and overseas cultures, thus contributing to the international energy cooperation in the long term.

Lighting up the path to energy friendship through cooperation

Following the global trend of clean and diversified energy, CGN has made concerted efforts with various parties to participate in climate governance, and launched energy cooperation projects in many countries, to support the social and economic development of project areas with clean, safe and reliable power supply. By supplying clean energy abroad, we inject vitality into the friendship between China and host countries/ regions.

I Edra Melaka Power Plant in Malaysia

EMPP comprises three generating blocks, uses the world's most advanced and efficient gas turbine technology, with a total installed capacity of 2242MW. It has achieved its full commercial operation on March 31, 2022 and created a record of 14 million hours without any lost time injuries. The plant's generating capacity is able to fulfill 10% of the total power demand in Peninsular Malaysia, providing stable clean energy to 4 million Malaysian household.



I Tangque Novo Wind Power Project in Brazil

Located in the State of Bahia in northeast of Brazil, which is rich in wind resources, the TN Project started construction on November 26, 2021 and was put into operation on May 30, 2023, with a total installed capacity of 180MW. With the joint efforts of the Chinese and Brazilian construction teams, the Project was put into operation 69 days ahead of schedule, and has reached the forefront of similar projects in Brazil in terms of safety, quality and overall construction period. It has also won awards such as the Special Contribution Award for the Brazilian Wind Energy Industry and the Innovation in Engineering and Infrastructure.



Jointly creating a sustainable future through sharing benefits

We give back to local communities by driving the development of local industrial chains and manufacturing industry, training employees, and engaging in public welfare activities. We deliver the warmth of a community with a shared future for mankind, build a cross-border win-win "ecosystem" for the energy industry, and work with local communities and partners for a sustainable future.

[Case] Working together to create a win-win benign environment for global gas turbine power generation

On August 16, 2022, the Global Gas Turbine Power Generation Summit, organized by CGNEI, took place in Kuala Lumpur, the main venue, and in Beijing, Shenzhen, and Paris simultaneously. It attracted more than 200 participants from governments, grid companies, industry associations, power generators and industry chain representatives from China, Malaysia, Republic of Korea, Bangladesh, Egypt, Japan, Singapore, etc.

The summit called on countries to optimize national policies concerning market access, industrial-chain construction and technology sharing. It also calls for winwin cooperation and coordination across the industrial chain to improve energy efficiency and carry out technological innovation, so as to achieve zero-carbon cycle of gas turbine power generation and jointly boost the development and prosperity of the industry.

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Malaysia aims to achieve zero net greenhouse gas (GHG) emissions by 2050 and reduce domestic GHG emissions by 45% by 2030. CGN's plan for clean energy development abroad meets Malaysia's needs in this regard.

——Datuk Ali Biju, Deputy Minister of Energy and Natural Resources of Malaysia

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[Case] Helping Namibia with disaster relief

In late January 2023, heavy rains and floods in northern Namibia washed away a large number of houses and school buildings, bringing hardships to the local people. In response, Swakop Uranium provided in-time support to the National Emergency Disaster Fund to help flood victims in northern Namibia rebuild their homes. Namibian Prime Minister Saara Kuugongelwa accepted the donation on behalf of the government.

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Thanks for Swakop Uranium's flood relief contribution. In recent years, committed to sustainable development, Swakop Uranium has set an example in driving economic growth, promoting employment, helping communities, training talent, and protecting the environment, and has made outstanding contribution to promoting economic and people-to-people exchanges between Namibia and China.

——Saara Kuugongelwa, Prime

Minister of Namibia

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[Case] New Year's gifts for the disadvantaged

On December 13, 2022, as the New Year approached, CGN Edra sent gifts to the Association for Children with Special Needs and the Elderly in Alor Gajah, Melaka State, including milk powder, glucose, cooking oil, eggs, disinfectant, washing powder, sanitary supplies and some electric wheelchairs.

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Thanks very much for the New Year gifts. What you brought today is a great relief to us, and allows us to prepare more nutritious food for residents.







Promoting cultural integration and people-to-people exchanges through bonding

While developing clean energy, we attach great importance to promoting cultural integration and strengthening the sense of cultural identification through people-to-people communication. By organizing rich cultural and sports events in neighborhoods and creating opportunities for online and offline cultural exchanges, we have fostered cultural integration with local communities and have built strong and sincere friendship with local residents through interactions.

[Case] The Swakopmund Games, a sporting event in Namibia in November

Swakop Uranium hosted the 2022 Namibia Mining Games at Vineta Stadium in Swakopmund on November 25-26, with more than 1,500 participants from 13 Namibian mining companies competing in various sports.

At the opening ceremony, the company delegations marched in carefully-designed procession to charm the spectators with creativity. The students of Amitofo, a local school, staged a wonderful kung fu performance. Also, a special area was carefully designated for children to play as well.



[Case] Celebrating the Mid-Autumn Festival

CGNEE organized the Cross-Cultural Workshop, inviting Professor Joel Bellassen, President of the European Association of Chinese Teaching (EACT), to give a lecture in French with the title "Sino-French Cultural Differences and Analysis" which gave the audience a deeper understanding of Chinese history and philosophy. The lecture was followed by erhu performance given by Guo Gan, UNESCO invited artist and erhu performer currently living in France.



In a prefab room on the construction site of the TN wind power of CGN Brazil Energy, Chinese and Brazilian employees had a great time making dumplings and enjoying the moon cakes together. A vote was cast, and the flavor of of double yolk lotus seed paste was voted by the workers as their favorite mooncake flavor with a small margin.



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Edra Power Holdings held a Mid-Autumn Festival Culture Night event, featuring mutual appreciation of Chinese and Malaysian cultures. Lyu Minjie, Malaysia's first female face-changing master, gave a face-changing performance. Malaysian singer Shiha Zikir sang classic songs in Mandarin, Cantonese, Malay, English and songs from Bollywood.

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Spotlight 2

Deepening China-France cooperation to promote win-win results

The friendly relationship between China and France dates back a long time. Since the establishment of diplomatic relations between the two countries in 1964, the two peoples have worked together for 59 years with rich results in the fields of economy, culture, and energy. Based on the principles of mutual respect, mutual benefit and common development, CGN and its French partners have maintained extensive and in-depth exchanges and cooperation, contributing to the booming of global clean energy, the global energy transition, the response to global climate change, and to the China-France friendship.

Building a friendship based on energy cooperation

By 2023, we had worked with our French partners for 36 years. From nuclear power to new energy, technology import to cooperative R&D, behind the exchanges and the successful operation of projects lie our deepening partnership and the widening bridge of energy friendship between China and France.

• 1987

On August 7, 1987, CGN started the construction of the Daya Bay Nuclear Power Plant in cooperation with EDF and Framatome.

• 1994

On May 6, 1994, the Daya Bay Nuclear Power Plant was completed with the joint efforts of the two sides, marking the start of the largescale commercial nuclear power station in Chinese mainland.

2007

On November 26, 2007, CGN, EDF and AREVA signed a cooperation agreement on the Taishan EPR Nuclear Power Project in the Great Hall of the People.

• 2011

On June 29, 2011, CGN set up the French Branch of China Nuclear Power Engineering Co., Ltd. (CGN France) in Paris as a platform to expand its business in Europe.

• 2013

On April 24, 2013, the first power station of the 2 MW rooftop solar energy project contracted by CGN France was connected to the grid.



• 2014

On March 26, 2014, CGN and EDF signed the Industrial Cooperation Program (ICP) on New Nuclear Power in the UK, witnessed by Chinese President Xi Jinping and then French President François Hollande.

On June 30, 2014, CGN Europe Energy ("CGNEE") was established in Paris poised to enter the European new energy market.

2015

On October 21, 2015, CGN and EDF signed a contract to jointly build nuclear power projects in the UK, witnessed by Chinese President Xi Jinping and then British Prime Minister David Cameron.

On November 18, 2015, CGNEE signed a solar energy cooperation agreem vith France's INOVIA CONCEPT DEVELOPMENT (ICD) in Paris.

On December 4, 2015, CGNEE, EDFEN and InnoSun signed a tripartite memorandum of cooperation at Le Bourget Exhibition Centre, Paris.

2016

On July 22, 2016, the consortium formed by CGNEE and the French partr

° 2017

On October 31, 2017, CGNEE and France's VOL-V signed an cooperation agreement in Paris on Alize onshore wind power project, with an installed capacity of 70.8 MW

2018

On January 9, 2018, Chinese President Xi Jinping and French President Emmanuel Macron jointly unveiled the Unit 1 of Taishan Nuclear Power Plant as the first EPR reactor in the world. And CGN and the French Alternative Energies and Atomic Energy Commission (CEA) signed a cooperation agreement on nuclear R&D to deepen cooperation in nuclear reactor technology and advanced fuel.

On August 22, 2018, the French Ministry of Energy announced that CGNEE won the bid for the French BlueBerry ground solar power plant project.

On December 14, 2018, CGN and EDF held a press conference to announce the Unit 1 of Taishan Nuclear Power Plant as the world's first EPR third-generation nuclear power unit is ready for commercial operation.

2019

On March 26, 2019 in Paris, CGN and EDF signed a memorandum of understanding (MOU) on deepening cooperation

2023

On April 6, in the presence of President Xi Jinping and French President Macron, Li Li, CGN Director, and Luc Rémont, Chairman and CEO of Groupe de l'Electricité de France, signed the Declaration on Cooperation in Design and Procurement, Operation and Maintenance, and Research and Development in the Nuclear Energy Sector at the Great Hall of the People in Beijing. The two parties will strengthen their partnership within the framework of the commitment of China and France to achieve carbon neutrality, and make every effort to address the challenges to come.







Alize Onshore Wind Power Project







Newco Distributed PV Project

Sharing development benefits

While working with French partners, CGN has always been working to develop clean energy and benefit local community at the same time, so as to realize sustainable development of both CGN and the local community.

CGNEE's

Overseas new energy on-grid electricity

6,271,200 tons Equivalent to the reduction of standard coal

consumption

18,782,400 tons



Note: Data from 2018 to 2022

I Driving the development of related industries

CGNEE insists on localized operation and attaches importance to localized procurement, which can increase local tax revenue and bolster local industry and economy. CGNEE works with eligible local suppliers and sources from them engineering materials and equipment, office supplies, small-scale construction services, cargo transportation, and consulting service. It launched the Electronic Commerce Platform (ECP) in December 2019 to ensure fair, open and transparent sourcing.

I Promoting local employment

We have for mulated the international talents development strategy and tried to recruit local employees as many as possible during the construction and operation stages. We keep improving the training system to grow together with employees.

On March 26, 2020, Euroenergy established the European Training and Certification Center in Paris, France, in cooperation with Highfield Qualifications, one of the five major certification bodies in the UK, to jointly build a global training and certification platform. At present, the training center has established a relatively complete training authorization system in the fields of occupational health, safety and environment, wind energy, solar energy engineering and operation and maintenance, which has effectively promoted the cultivation of talents in the field of renewable energy in China and France.



I Driving industrial tourism

Themed "From Wind Farm to Windmill", the 6-km hiking route, designed and planned by CGNEE, has been included in the key "Industrial Tourism" promotion project by the Office de Tourisme Vallé du Tarn & Mont d'Albigeois.

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Based on CGNEE's wind power project here, the hiking trail, called 'From Wind Farm to Windmill', was launched and along it were erected five tour guide boards to introduce to visitors the various natural and cultural attractions along the way. They vividly portray the historical features of the windmills, which are now largely in ruins, and local flora and fauna in detail. With the help of CGNEE, another tour guide board was dedicated to popularizing wind power-related knowledge, and raising people's awareness of new energy and environmental protection.

-----Myriam Vigroux, Mayor of Assac Town





This hiking route, 'From Wind Farm to Windmill Mill', has brought us more tourists, even foreign tourists, which is good for the development of local economy.

-Aline Malaterre, First Deputy Mayor of Assac Town



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CGNEE facilitated the planning of the hiking trail 'From Wind Farm to Windmill Mill'. Moreover, it provided content, and technical and financial support for the tour guide boards along the route.

-----Philliet, President of the Office de Tourisme Vallé du Tarn & Mont d'Albigeois



Our cooperation with CGNEE sets a great example. Facing the challenges of new energy development and energy transition, we will give more consideration to balancing a region's energy development demand and its tourism development demand in designing new hiking routes, and bring new contents to existing and future hiking trails.

-----Gérard Pallis, President of Le Comité Départemental de la Randonnée Pédestre du Tarn

Spotlight 3 **Cherishing nature and biodiversity**

Biodiversity underpins a shared future for all life on Earth, and it is also a critical resource for human development. While supplying clean energy for production and domestic purposes around the world, we have always cared about biodiversity conservation in and around our project areas. Sticking to the four-step biodiversity management approach, CGN ensures the harmonious coexistence between our project operations and local ecosystem.

CGN'S four-step biodiversity management approach

CGN has established the four-step (avoidance, reduction, mitigation, and compensation) biodiversity conservation approach covering every stage of the project life-cycle. We are committed to integrate biodiversity conservation into the whole life cycle of project site selection, design, construction, operation and maintenance to minimize any direct or indirect negative impact on biodiversity and to achieve positive interactions between economic and ecological benefits.

We are actively seeking to work with external organizations, including the International Union for Conservation of Nature (IUCN), UN Environment Programme World Conservation Monito including the International Union for Conservation of Nature (IUCN), UN Environment Programme World Conservation Monitoring Center(UNPE-WCMC), OREE and Capitals Coalition, etc.



Protecting the rare plant Welwitschia mirabilis in Namibia Uranium Mine

years of drought and is distributed only in the deserts of the southwest coast of Africa, and is the national flower of Namibia.

Husab Mine values the ecological protection in the mining area. According to the original construction plan of the mine's permanent water supply pipeline project, more than 100 Welwitschia mirabilis with an average life span of over 1,000 years needed to be transplanted. In order to minimize the impact of the project on the them, the design of the route was optimized several times to reduce the number of transplants as much as possible, and finally only three Welwitschia mirabilis were transplanted to protect these rare plants to the





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At first, we were all surprised by the importance CGN attached to environmental protection in Husab. From the early stage of project construction, special surveys were carried out, and the site layout adjusted to to carry out environmental testing, and released the results to the public. Now, protecting the environment has become a habit shared by every one of us.

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to enjoy.

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Swakop Uranium is committed to preserving our environment, especially given that some projects operate within national parks, making it more important to preserve Namibia's natural heritage for future generations

> -----Carlene Binnemai, Director of Environment, Swakop Uranium 77

Natural capital assessment of EOLE de la Haute-Somme Wind Farm in France

EOLE de la Haute-Somme Wind Farm, north of Paris, is located on a vast limestone plateau in the hills of the Vermandois, Hauts-de-France.

Measure our footprints on nature

To identify impacts and dependencies on the ecological environment of the wind farm from the start of construction to 2020, and to provide suggestions on how we can better manage related risks and opportunities, we launched the natural capital assessment within a perimeter of 10 km around the site where the wind farm is located.

Our actions to protect nature

We revised the bird and bat monitoring plan in 2019 to comply with the *Protocol for the Environmental Monitoring of Onshore Wind Farms* published in March 2018 and the regulation on environmental monitoring of wind farms in France. Two recorders were installed on the two wind turbines located near an afforestation area to know whether the bats passage at the height of the wind turbine blades.

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For bird protection, we installed monitoring and audible alarm equipment. According to the type, distance and flight path of birds monitored in real time, we can judge the risk of collision and start the alarm equipment to avoid collision.

----Chris Francois, environmental expert of CGN Europe Energy

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Sharing China's practices

CGN Biodiversity Conservation Report was officially released at the opening ceremony of COP15 in Kunming on October 11, 2021. The report introduces CGN's leading exploration in biodiversity conservation, and provides distinctive examples for industry peers to mainstream the biodiversity value, demonstrating to the world Chinese dedication and contribution to global biodiversity conservation.

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CGN is very concerned about the biodiversity protection of wind farms. The construction and operation of the EOLE de la Haute-Somme windfarm in France has not had a negative impact on local birds and their habitats, and will further follow up the interaction between the EOLE de la Haute-Somme windfarm and the natural environment in the future. —Dr. Hélène LERICHE, Head of Business and Biodiversity, OREE Association

Outlook 2030

According to the natural capital assessment results, the EOLE de la Haute-Somme Wind Farm will take corresponding measures to improve biodiversity.

Establish a regular monitoring mechanism for species such as birds and bats, and continue to track and evaluate the impact of wind turbines on biodiversity. Take biodiversity compensation measures to protect the vegetation (rare grasslands and woodlands) and animals (birds and bats).



China General Nuclear

Power Group

Carry out educational activities to explain results of natural capital assessment to multiparties; encourages stakeholders to engage in biodiversity conservation.

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Assac wind farm, France

Wild animals in green power plants

As a rare animal endemic to South America and Central America, armadillos inhabit mainly in woods and on grasslands, with high requirements for the ecological environment.

They have been spotted many times by our staff at the Olinda PV power plant in Brazil.



The reindeer is on the IUCN Red List of Threatened Species 2008 and inhibits in Nordic forests. It is often spotted by employees at Powerhouse Wind Farm in the vast woods.







The capybara, a semi-aquatic herbivore, is on the IUCN Red List of Threatened Species 2008.

The sight of it was captured by staff of the SVP power plant which is located at the warm and humid south part of Brazil, near a nature reserve.

The maned wolf is the largest canine in South America and the tallest in the world.

It was captured in camera by the operation and maintenance personnel at the Lapa PV power plant on their inspection tour.



The green lands and pleasant climate make Ireland a natural grassland pasture, winning it the reputation of "green island" or "emerald." The Douvan Wind Farm is built on the grassland. Flocks of sheep stroll under rotating wind turbines every day, and their snow-white cashmere forms an interesting contrast with the tender grass blanket.







Response to Climate Change

Our goals

We are committed to developing clean energy to contribute to the global transition to low-carbon energy and the reduction of GHG emissions.

Our actions

Committed to "developing clean energy to benefit mankind," we promote the development of clean energy projects, and reduce the GHG emissions generated by our operation, striving to provide safer, reliable, clean and economical energy for the society while working with stakeholders to tackle climate change.



Management of climate change impacts

Climate change has become a severe challenge for mankind. As a clean energy company, we closely follow and assess the risks and opportunities associated with climate change, actively respond to them, and develop clean energy in partner countries, to contribute more to the global energy transition.

I Risks and opportunities

Risks

- Extreme weather and emergencies caused by climate change damage the environment and impact the safety, reliability and stability of the energy mix.
- International negotiations over climate change and biodiversity have been postponed due to COVID-19, and the progress on global climate and environmental governance has been stalled on the whole.

Opportunities

- Nearly 200 parities agreed to adopt the *Paris Agreement* at the United Nations Climate Change Conference in 2018, bringing the global action to curb global warming into a new stage.
- The accelerating global energy transition has established the development trend of diversified and clean energy, and electrification, putting forward new requirements for power companies.
- China takes ecological cooperation as key part of international cooperation and has launched a series of green initiatives covering green infrastructure, green energy, green transportation and green finance.
- To address systemic risks of climate change, more than 120 countries and regions around the world have proposed carbon neutrality targets and commitments.

I Vision and actions

We hope to support social and economic development of each project country or region with clean, safe and reliable power supply in the long term, and make sustainable contributions to the restructuring of the electricity industry, GHG emissions reduction and local environmental improvement.





Development of clean energy

Building a "clean, low-carbon, safe and efficient" modern energy mix is an important cornerstone for global sustainable development. We hope to develop the clean energy business so as to bring more low-carbon and more sustainable energy to every project area, and to contribu to reducing carbon emissions and coping wit global climate change.

> Overseas new energy on-grid electricity 71.6967 million tons Equivalent to the reduction of standard coal consumption

191.429 million tons Equivalent to the reduction CO² emissions

535,100_{hectares} Equivalent to afforestation

Note: The data above are for 2018-2022.

[Case] The Kuala Ketil Solar Farm in Malaysia

With a total installed capacity of 50 MW, the Kuala Ketil Solar Farm not only provides clean energy for industrial and agricultural activities in Kuala Ketil, but also brings social and economic benefits to the local community. It generates around 78.0 GWh of electricity per year, supplying to an average of 30,000 households per month, which is equivalent to reduction of about 54,000 tons of carbon emissions per year. and the second s

With a total installed capacity of 109 MW, the Daesan Biomass Power Plant is expected to generate 860 GWh of electricity annually after completion, which can meet the electricity need of 162,000 households and reduce carbon emissions by about 400,000 tons every year.





[Case] The Daesan Biomass Power Plant in the Republic of Korea



Assac Wind Farm, France

Improvement of energy efficiency

Improving the efficiency of energy use is an important tool for power plants to save energy and reduce emissions. We have reduced the energy consumption of power plant operation by optimizing the energy management system, cutting heat consumption, and replacing energy-intensive equipment. We also advocate green office across subsidiaries to improve energy efficiency and reduce carbon emissions.



We conduct tailored analysis of the lean management policy for each plant. Evaluation systems that are comprehensive yet mutually independent to each other are built based on their different locations, business environments, unit operation situations and stage of life cycle, so as to establish the optimal operation strategy.



By strengthening the benchmarking of heat consumption of gasfired power plants, we have formulated and implemented heat consumption reduction plans in key power plants, and tracked the progress on a monthly basis.



We issued a green office initiative and we optimized the lighting system in several power plants by replacing with energy-saving LED lights to save electricity; we promote on-line office to reduce the consumption of office paper.





Environmental Protection

Our goals

We are committed to promoting harmonious coexistence between our clean energy projects and the surrounding natural environment to realize environmental sustainability.

Our actions

By identifying the impacts of our decisions and activities on the surrounding environment and associated risks in business operations, we have formulated targeted environmental protection measures, and continue to improve the environmental management system, so as to reduce environmental impacts and protect biodiversity.

Netherlands

Environmental management

With the environmental management philosophy of symbiosis, mutualism and regeneration, we continue to improve the projectspecific environmental protection management system and align environmental management with production management to meet safety, economic and environmental goals at the same time. We have established a sound environmental management system at the headquarters and all power plants in operation. In the future, we will improve the energy conservation and ecological and environmental protection management system, and promote the standardized and IT-enabled environmental management across member companies.

^۲Ω Certification Noise and Vibration All power plants of CGN have been cer-Monitoring tified by the ISO 14001 environmental management system. Symbiosis interacts with natural ecosystems and छि takes the initiative to try to minimize 6 9 negative disturbances, and achieve energy, and create more value out of natural ecosystems through ecological and environmental Mutualism egeneratio J.

We formulated the environmental monitoring plan, regularly measured surrounding environmental parameters such as ambient air quality, noise level, environmental quality for surface water, and seawater quality, and compared the results with the environmental baseline and compliance standards to evaluate the environmental performance and promote green operations. The monitoring results over these years show that the environmental quality around our project sites has met the standards, and no abnormality is detected.



Reduction of environmental impacts

We strictly abide by environmental protection laws and regulations of the host countries/regions, carry out systematic and scientific feasibility studies in an orderly manner before the project is implemented, formulate special plans and actions against potential environmental risks during the project operation, timely track and evaluate environmental compliance, and make every effort to promote green operation, thus minimizing environmental impacts of project operations.

I Water resources conservation

Swakop Uranium attaches great importance to water shortage in Namibia, especially in coastal areas. Thus, we have integrated efficient water use into our environmental management strategy and daily operations. A water circulating system is established and about 54% of

I Waste disposal

Swakop Uranium has formulated waste management methods according to interantional standards and Namibia's national standards, to strictly control and dispose of waste.

[Case] Encouraging everyone to recycle garbage





In 2021, Swakop Uranium carried out "waste exchange" activities to encourage employees and contractors to become "garbage stewards" and collect and hand over garbage or waste collected from nearby working areas. All "garbage stewards" were allocated to different prize pools according to the types and quantity of garbage handed in. There was no upper limit on the amount of garbage collected, and the more garbage collected, the bigger the reward was. The participants collected a total of 1,755 kg of garbage, contributing to ecological conservation with concrete actions.







Safe Operation

Our goals

We are committed to protecting the safety and health of employees and the stable operation of power plants by improving the safety management system and capabilities.

Our actions

We adhere to basic principle of "Safety First, Quality Foremost, Pursuing Excellence", and we keep improving the safety management system, launch actions regularly to improve employees' safety awareness and skills, and strive to build high-quality engineering projects. We also conduct special plant maintenance on a regular basis, making every effort to build safe power plants.



Safety management

We adhere to basic principle of "Safety First, Quality Foremost, Pursuing Excellence". We constantly improve the EHS management system, and organize activities regularly to improve employees' safety awareness and capacity, so as to ensure the safe and stable operation of all projects.

I Safety management organization

We have established a safety management organization. The EHS Management Committee holds regular report meetings to hear the reports on safety-related issues at each power plant. Each company has a Chief Safety Officer (CSO), who must be trained before taking office, and subject to regular performance assessment.

I Safety management system

We have established a comprehensive EHS management system, and have complied safety management manuals and developed safety management policies based on relevant regulations of different regions. Our overseas branches have all been certified by the ISO 14001 environmental management system and the ISO 45001 occupational health and safety management system.



I Safety culture

We put emphasis on building a safety culture to create a strong atmosphere in which everyone is concerned about safety, participates in safety and supervises safety. We have launched the Global Safety Month and the Global EHS Workshop since 2018 for our overseas subsidiaries and projects.



The Malacca project of Edra Power Holdings won the Gold Award for Excellence in Occupational Safety and Health in Malaysia in both 2019 and 2020.

In 2020, the Port Said East Power Company (PSEP), a subsidiary of Edra Power Holdings, was awarded the Gold Award for EHS Management by the Egyptian Ministry of Manpower and Immigration.

In 2022, CGNEE won the Gold Award

for Safety Achievement by the Royal

Society for the Prevention of Accidents

(RoSPA) for the third consecutive year.





[Case] The 5th Global Safety Workshop

CGNEI launched the 5th Global Safety Workshop from November 28 to 30, 2022. With the theme of "Improve Continuously, Enhance Systematically; Review the Past, Plan the Future", the event, through experience sharing on leadership, keynote speeches, discussions and reviews, comprehensively and systematically reviewed and reflected on the SHE management in the past 5 years, and jointly made the development plan for the next 4 years.

General Manager of CGN carried out safety inspection on the site of Husab Mine project in Nambia

Gao Ligang, General Manager of CGN, visited the site of the Husab Mine project in Namibia for safety inspection from March 28 to 29, 2023. CGN always gives priority to safety quality improvement and a long-term safety culture mechanism has been established for leaders to set examples, key employees to promote, and all staff to practice, so that the safety awareness of all staff would be enhanced.

High-quality projects

Aiming at "100% Compliance, Zero Tolerance", we strive to raise the awareness of quality and safety across the whole supply chain of engineering construction, and tighten control over the safety, quality, progress, investment, technology and environmental protection of construction projects, so as to guarantee long-term safe operation.



Honor

CGN Brazil Energy won the National Quality Award certified by an international quality assessment company.

All overseas branches have obtained ISO9001 quality management system certification.



Brenig onshore wind power project

The Brenig onshore wind power project was started in July 2017 and officially put into operation in March 2019. It consists of 16 wind turbines with a total installed capacity of 37.6 MW, providing power to more than 30,000 households every year.

The LDB wind power expansion project in Brazi

CGN Brazil Energy's LDB wind power expansion project was put into operation on November 25, 2021. Located in Lagoa do Barro, Piaui in the northeast of Brazil, the project is expected to generate 366 TWh of electricity per year, with a total installed capacity of 82.8 MW.



The renovated Nova Olinda Photovoltaic Plant put into operation at full capacity

The Nova Olinda Photovoltaic Plant is located in Brazil. Its inverter renovation project was launched in March 2022 and put into operation at full capacity in April 2023. The project replaced the original 180 Fimer inverters with 95 inverters with stronger performance and higher stability. With a conversion efficiency of 99%, the inverter can better adapt to the high-temperature, dusty and humid environment in northeastern Brazil.

I Husab Mine, a gem in Namib Desert

The Namib Desert on African continent stretches far and wide for tens of thousands of years along the east coast of Atlantic. When CGN gravels and dirt, and water was delivered through an aged pipe from a nearby desalination plant. CGN built a 22 km-long asphalt highway







February 07, 2017

Zheng Keping Chief Executive Officer Swakop Urani P. O. Box 8667 SWAKOPMUND

Dear Mr. Keping

RE: FIRST PRODUCTION OF URANIUM FROM THE HUSAB MINE

I acknowledge, with thanks and appreciation, receipt of your letter dated January 2, 2017, in which you have conveyed to me the welcomed news regarding the first production of uranium ore concentrates at Husab mine

I am pleased to note this special achievement, which I believe is the first of many to come for the Husab mine and Swakop Uranium. The Husab mine is one of the outstanding investments to have taken place in our mining sector and within our economy as a whole. I have had the privilege to visit the mine on several occasions and each time the management, operations and conditions at the mine have left me with a very positive impression

I would like to wish Swakop Uranium continued success in Namibia, and may your operations continue to reflect the mutual respect and win-win hip that exists between the People's Republic of China and the Republic of Namibi

Yours sincerely

AGE G. GEINGOR

In January, 2017, Namibian President Hage Geingob sent a letter to congratulate on the first production of uranium from Husab Mine.

"

CGN's investment in Husab Mine is so tremendous and compelling that it embodies China's commitment to Africa.

-----Edgar Lungu, then President of the Republic of Zambia

"

This visit to Husab Mine has left me with deep impressions and taught me a lot. I really appreciate having this opportunity to witness this crucial step Namibia has made in its rise.

------Ibrahim Boubacar Keïta, then President of the Republic of Mali

"

I believe Swakop Uranium and Husab Mine will achieve more in the future. As an outstanding investment project in Namibia, Husab Mine holds great significance to our mining sector and national economy. During my several visits to Husab Mine before, I was deeply impressed by the management team, operations and the living and working environment. I sincerely hope Swakop Uranium could forge ahead with greater achievements and continue to strengthen mutual respect and win-win relationship between our two countries.

-----Hage Geingob, President of the Republic of Namibia



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Stable operation

The sound and stable operation of equipment in power plants is directly related to the stability of power supply. Our overseas subsidiaries continuously improve the operation and maintenance management of each power project by carrying out special actions, building a global digital management platform and organizing emergency drills, so as to ensure the stable power supply.

Sound operation of equipment

Our overseas subsidiaries have formulated improvement plans for each project, regularly organized improvement actions, and reviewed the project progress every month to ensure the stable power generation. And the subsidiaries have also built a global operation and maintenance (O&M) management platform, a database of power plants. The platform is multilingual, and after its full completion, it can facilitate more in-depth analysis and improve the ability of production data collection and realtime monitoring.

Emergency response

Our overseas subsidiaries have established an emergency management system at all levels, which is running effectively. We have formulated the Master Plan for Emergency Response and the Rules on Managing EHS Accidents. In addition, we have made our own emergency response plans for fire protection, injuries, mountain fire, and transportation, and follow these plans in allocating resources and organizing emergency drills on a regular basis.

Safety of employees

The safety and health of employees is an important prerequisite for business operation, so we take the following measures to protect their health and safety at the workplace.

Q Occupational health training

We have established a basic training mechanism for safety management based on the outline of EHS management policy, and our overseas subsidiaries have formulated their own training matrix according to their needs.

ر Occupational hazard protection

We follow the laws and regulations of the host countries, and provide a good working environment for employees and contractors with necessary labor protection supplies.





Medical examination

Regular physical examinations are organized for employees, and no occupational disease has been detected and diagnosed.

O Psychological counseling

A 7*24 health consultation hotline is set up for expatriates who are asked to do regular self-assessments of mental health.



Talent development

Our goals

We are committed to providing employees with decent work and quality education opportunities, enabling them to realize career growth.

Our actions

Putting talent first in our development, we continue to improve the employment and salary system and provide employees with equal employment opportunities, diverse learning opportunities and a broad stage of development, so that they can unleash their potential and realize personal value.

Lawful and equal employment



certificate" by the Namibian Ministry of

93.31

72.73



To protect basic human rights of employees and ensure decent work, we strictly abide by the International Bill of Rights and the Declaration on Fundamental Principles and Rights at Work of International Labour Organization, and have formulated our human rights policy accordingly. In accordance with relevant laws and regulations of host countries, we have formulated employee management policies, detailing the working hours, salary, recruitment, dismissal, promotion, vacation, benefits, maternity leave, code of conduct, professional ethics and privacy protection rules, to protect employees' lawful rights.

I Compensation and benefits

We strictly follow the laws and regulations of host countries and provide employees with compensation, matched benefits and holidays given the actual situations of the local markets.

| Protection of rights and interests

We strictly implement the laws and regulations of each host country on women, ethnic minorities, and disadvantaged groups. Edra Power Holdings' Human Resources Policy and Regulations clearly stipulates the rule of equal employment, to effectively protect the rights of women and ethnic minority employees. In addition, we celebrate the International Women's Day to promote gender equality in the workplace and encourage and support the development of women employees.

I Democratic communication and grievance mechanism

We attach great importance to democratic communication and have established a multichannel communication mechanism to listen to and respect the voice of employees. Policies are developed to protect the employees' right to file complaints, so are internal whistleblowing and grievance mechanisms, and the grievance procedures are strictly implemented. Solutions are promptly proposed to problems identified.



On November 22, 2013, Swakop Uranium, the Construction Industries Federation of Namibia and the Metal and Allied Namibian Worker's Union signed a project labor agreement for the Husab Uranium Mine.

Charmont Wind Farm, Franc







electronic engineering.

Faiz Maniza is an engineering manager of Jimah Power Plant. She is

in charge of outage. By 2023, she has been working in Jimah power

plant for 17 years. She joined the plant as a junior instrument &

control engineer after graduating from the major of electrical and

With hopes for the future, she has learned from scratch with a group

of young inexperienced engineers like her, starting from contractors

and original equipment manufacturers. Thirsty for knowledge like a

sponge soaking water, she has become a Professional Engineer with

Practising Certificate registered at the Board of Engineers Malaysia.

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"CGNEI gave me the opportunity to participate in management even when I was just a junior engineer, and I accepted that challenge. Engineering is not just about physical work. It is more about how you view things. We spend most of the time analyzing and thinking about what are the optimal maintenance measures for the power plant. Although the work place during outage is dominated by men, I never feel being discriminated because they accept who I am.

-----Faiz Maniza



Story I want to be the first female team leader in our village

What do dreams mean? Hertha Ruben, a Namibian girl, gave her answer.

Hertha joined CGN's Husab Uranium Mine as an intern after graduation in 2017, working on the assembly of mining equipment. Husab Mine is deep in desert, and wrapped in scorching heat all year round. Hertha's uniform was always wet with sweat while she was working. But when coworkers asked her to have a rest, she just smiled and continued working.

When asked why she worked so hard, Hertha said that Namibia's unemployment rate was as high as about 34%, and women accounted for less than 5% in the mining machinery industry. She worked hard because she wanted the opportunity to become an employee in Swakop Uranium, Namibia's largest mining company.

Her hard work did pay off. Two years later, Hertha became a specialist in assembly and disassembly of trucks and auxiliary equipment, with full mastery of the working principles and structure of the engine. Now Hertha has become an excellent mechanic, with two interns learning from her, Tangi and Arnold. In Tangi's eyes, Hertha knows more about the principle and assembly process of the equipment than other colleagues do. When asked about her wishes, Hertha said that she hoped to pay for the college tuition for her brothers and sisters, though she

herself did not have the chance to go to college. She also hopes to become an excellent workshop team leader at the Husab Mine, and that means she will be the first female team leader in her village.

"



As a black woman, I am respected and promoted here the way I could never dare to imagine in other companies.

-----Hertha Ruben

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Employee cultivation

Employees are our important and precious asset. We encourage employees to be lifelong learners, and provide them with training covering professional skills, occupational health, language skills, and strategic leadership. We also review and update our training policies and rules from time to time to better adapt to the fast-changing market and needs of employees.

I Unblocked promotion channels

We have formulated the *Human Resources Policy and Regulations* to ensure equal, fair and consistent promotion prospect for all employees. A 6-9 month capacity building program is in place to help employees who need to improve their capabilities. In this program, we will first evaluate the learning and personal development needs of employees, and then customize the training to ensure that employees have sufficient time and resources to improve their strategic leadership and/or professional skills required for career advancement.

[Case] The Growth of Petrus

Swakop Uranium recruits 20 fresh university graduates in Namibia every year to its training program, and Petrus was one of them. He joined the Husab Mine in 2014 after graduating from the University of Namibia. After taking a series of courses on safety, vocational skills and corporate culture, he quickly adapted to the working environment and learnt how to operate various kinds of mining equipment. Now Petrus has grown into the primary-level management as the leader of the mill team for equipment reliability at the Husab Mine.

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You can learn a lot of useful knowledge at Husab. It will stay with you forever and no one can take that away from you.

——Petrus, Mill Team Leader for Equipment Reliability

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I Employee training

Swakop Uranium has established headquarters training coordinators, base training coordinators, and power plant HSEQ (Health, Safety, Environment, Quality) managers to coordinate and ensure that employee training is institutionalized, and carried out in regular and orderly manners. If employees have other training needs, they can apply to the Company, and we will provide trainings accordingly. At the same time, in line with the training principle of "theoretical knowledge learning plus hands-on operation," we help employees quickly improve their professional skills to achieve career development.



I Multi-language training

As a multinational company, CGN deeply recognizes the importance of language skills for employees' personal development. We have organized multi-language skills training courses for employees in different regions, including but not limited to French, English, Chinese, and Portuguese.

[Case] Online Chinese-language learning

CGNEE in France invited teachers holding the CTCSOL (Certificate for Teachers of Chinese to Speakers of Other Languages) to teach the Chinese language online for interested employees. The first course attracted employees from France, Ireland, Sweden, Belgium, and Senegal, and impressed them that they yearned for more Chinese courses and Chinese cultural exchange activities.

CGN Brazil Energy organized a Chinese learning program to help Brazilian employees master basic Chinese, understand Chinese culture, and promote the communication and exchange between local and Chinese employees. The program kicked off on October 15, 2020, with a total of 36 participants.



Cultural integration

respect for and understanding of different cultures and embraces cultural diversity.

I Respecting local cultures

We encourage and support the organization of cultural activities with local characteristics, and promote cultural diversity and inclusiveness for Chinese and foreign employees to appreciate each other's culture.



We respect local customs and practices in host countries/regions. Besides pursuing cross-cultural management and integration, we learn and respect the historical and cultural differences of host countries, and create a relaxing and inclusive workplace that advocates mutual

> In Wales, the United Kingdom, we respect and protect the tradition and stat of the Welsh language, the local people's pride in it and call for protecting their national language. Therefore, Brenig Wind Ltd, which is based in Wales, makes it a general rule to have internal documents and reports written in both Welsh and English.

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I Featured Cultural Activities

We keep engaging with local people and promoting cultural interactions by organizing featured cultural activities such as Chinese

Promoting intangible cultural heritage

Building "Chinese bookshelves"



The poster series on the 24 solar terms



Mid-Autumn sepcial activity

[Case] Chinese culture in marathon campaign

On August 9, 2019, the China Week was held during the fifth Husab Marathon held by Swakop Uranium. A photo wall themed on Chinese culture and a Chinese food tasting area were set on the site, attracting thousands of local audience.

Huang Bo, the chef of the Chinese canteen of Swakop Uranium, prepared the Chinese food for tasting together with another cook Luo Yong. "We prepared three kinds of meat dishes: soft fried shrimps, sweet and sour pork chops and translucent beef slices, as well as three kinds of staple food: steamed stuffed buns, dumplings and sticky rice balls. They were all sold at cost price for more than 2,000 NAD, which was all donated to the local drought relief fund. To Huang's pride, their charity sale was covered by the local TV station.





The event has connected Namibia with China. ——Wendy Monton, a local resident



Enjoying Chinese New Year Together

When the traditional Chinese Lunar New Year is coming, we invite local employees to celebrate and hold entertaining Chinese New Year activities. In January 2022, CGNEE hosted the "Global Cloud Spring Festival Cultural Exchange" in France, inviting 20 students from the University of Versailles to participate in person. By reading poetry, learning to write Chinese characters from Chinese calligraphers and discussing Chinese and Western culture online with Chinese writers, they learned about the values of harmony, filial piety and respect for the elderly, and greeting the new year in Chinese Spring Festival culture. The event was posted as a Tiktok short video, which received extensive attention with nearly 100,000 views and 8,689 likes that day. Swakop Uranium's Chinese employees also invited some local employees to paste window paper-cuts and Spring Festival couplets, and hang red lanterns in the office building, so that they could feel the immersive atmosphere of Chinese Lunar New Year.



The Moon Cake Workshop

On September 24, 2020, Edra Power Holdings and the nonprofit organization Women of Will jointly launched a Moon Cake Workshop at the HDB in PPR Batu Muda to teach participants how to make a mooncake, a traditional Chinese food. A 48-yearold participant from the Women of Will, even began selling halal mooncakes locally, which was very popular in the market. By learning how to make the Chinese pastry, she made extra income for her family.

The Hanfu Festival attracts sensational audience

On November 17, 2019 (French time), CGN held the first Hanfu Festival in Paris. The Hanfu Festival kicked off with Chinese traditional lion-dancing performance, and the joyful beat of gongs and drums attracted the attention of many local residents and visitors. Then the traditional Chinese costume show began, with over 20 French models walking in Chinese costumes. It was a brilliant fashion show that married Chinese and western styles, tradition and modernity. It brought to the audience different styles of traditional Chinese costumes including Hanfu, Tang suit and cheongsam and allowed them to peek into the long history and splendid culture of China.

At the festival site, there were also workshops of papercuttings, calligraphy, rope art, facemasks, photography, etc., which attracted many local people. Many French people dressed up in their favorite traditional Chinese costumes for photograph-taking.








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Community wellbeing

Our goals

We aim to build a harmonious, friendly, and mutually beneficial partnership with the communities in project areas and contribute to local social and economic development.

Our actions

Upholding the principle of "extensive consultation, joint contribution and shared benefits" we give back to the community as much as we can while developing clean energy projects, and work hard to drive local economic growth, increase employment, and improve local living conditions to benefit more local people with our development achievements.

Community development

We actively share our development fruits with local communities. We have brought advanced technology, outstanding talents, and stable stream of funds to project areas, and actively promote the development of local clean energy industry. We advocate localized operations and actively source from local suppliers, to increase local employment and tax revenue, and boost local economic prosperity.

I Local procurement

We adopt the localized strategy to improve the building of global supply chain. We make full use of our first-mover advantages in project areas and our comprehensive advantages to help cultivate local equipment manufacturing, markets, talents, technology and other industry factors. And by introducing new knowledge and new methods to our partner suppliers, we helped to enhance their competitiveness.

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It's gratifying to see Swakop Uranium, the largest employer in the mining sector of Namibia, is so supportive for the development of SMEs. I hope the company will strengthen its tie and cooperation with the government, and bring greater benefits to Namibia.

-----Hage Geingob, President of the Republic of Namibia



[Case] The plight and favourable turn for Melody

In 2022, Auto-Fix run by Melody Van der Merwe became a supplier of Swakop Uranium, responsible for the latter's vehicle maintenance. Auto-Fix is wholly owned by women, specializing in the automobile mechanics business.

Due to the COVID-19 impact in recent years, Auto-Fix was once in deep trouble. "Swakop Uranium's deal came at just the right time. It saved Auto-Fix and our jobs,"says an Auto Fix employee.

To Melody and her family, Auto Fix is not only a business. It's where their passion lies. Melody said that her biggest motivation was her 7-year old son who has Down Syndrome. She believes that her boy would become an engineer one day, and Auto Fix would support more children with special needs to help them become the their best selves.

I Improving infrastructure

Swakop Uranium paved roads, laid water pipelines, and upgraded power facilities along waterlines, greatly improving local living conditions of surrounding areas of Husab Mine. The permanent road in Husab Mine, invested by Swakop Uranium, covers a total length of over 22 km. The road was officially opened to traffic on May 7, 2014. It not only underlies the transportation of products and material supply for the mining zone, but brings convenience and hope to regions along it.



lusab Mine, Namibia

Community communication

Laying emphasis on effective communication with local communities, we have formulated a communication mechanism, and candidly respond to the questions and messages posted by our followers on mainstream international social media platforms.

I CGN Global Science Popularization Tour

2022, CGN launched a unique Global Science Popularization Tour in France, Malaysia, Brazil, etc., telling local people the story of clean energy development, joint contribution and shared benefits with local community.

France: From the wind farm to the windmill

On October 1st, 2022, CGNEE held an open day with the municipality of Assac, France, at the CGN Assac wind farm in the south of the city. The theme of the event was "From the wind farm to the windmill". It was the first public hiking activity after the route was incorporated by local tourism office into the industrial tourism promotion project.



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This hiking route is the first one across our city, with a total length of 6 kilometers. It felt like a time machine. and connects the ancient windmill and modern wind farm along the riverbank.

-----Myriam Vigroux, Mayor of Assac

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One of CGNEE's wind turbines was installed on our farm. So far, it is in good conditions and well-maintained, with no disruption to our normal production. We can see wind turbines installed on the highland along the Tarn Valley right from our workplace, and we are proud to be part of the process of new energy development!

-----Mr. Malardier, a wind turbine land farmer at Assac town

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I'm glad that the students were enlightened somewhat on knowledge about new energy and wind power through the CGNEE's New Energy Day. Our school has always attached importance to cultivating students to be mindful of energy conservation and sustainable development. We cannot wait to see a real wind farm!

-----Ms. Véronique Rivoalen, Headmaster of École Primaire le Clos Perrine

On October 19, 2022, CGN Brazil Energy held the Open Day at Lapa Solar Power Plant. More than 10 college students of UNOPAR were invited to visit the Lapa photovoltaic power plant located in the northeastern state of Bahia to appreciate the beauty of clean energy.



Malaysia: A tour to the "heart" of Southeast Asia's largest gas-fired power plant

On the afternoon of August 16, 2022, during the Global Gas Turbine Power Generation Summit, Edra Power Holdings invited nearly 60 delegates to visit Edra Melaka Power Plant (EMPP), Attendees are from government departments, power grid companies, industry associations, and power producers from China, Malaysia, Republic of Korea, Japan and other countries. The visitors learned the gas-fired power plant's power generation principle and production process on the spot.



Brazil: College students' visit to the Lapa photovoltaic power plant to appreciate the beauty of clean energy

I Multi-channel communication

In addition to timely information disclosure through the Communications Portal, we maintain equal and effective communication with all parties through local mainstream social media, investor platforms, and other means.

Disclosure of purpose-specific reports



In collaboration with La Foundation Concorde, Aster and OREE, three famous think tanks in France, CGNEE launched three research projects about "Clean Energy and Climate Change in the Context of the Paris Climate Agreement", "Mutual Learning between China and France in the Energy Transition" and "Biodiversity Conservation" respectively, to probe into issues of global attention. Based on the research results, three research reports were compiled and released in French: *France's Ecological Roadmap for Progress, China- France Mutual Learning in the Energy Transition: Competition and Cooperation in the Process of Innovation and CGN's Special Report on Biodiversity 2020.*

In September 2022, the *Swakop Uranium Sustainability Report 2021* was released at a press conference in Windhoek, Namibia.

Viral videos

In 2021, the local employees of Husab uranium mine showed the energetic spirit of Swakop Uranium with an original musical dance "We are Swakop Uranium", which is rich in African folk characteristics.





In December 2022, CGNEE held its Open Day at the Normandy wind farm in France. More than 40 primary school students from Pelanyuan Primary School visited the wind turbine site to learn about clean energy knowledge and sang the Lonely Warrior, a hit Chinese song during the World Cup.





Scan and watch We are Swakop Uranium"



Scan and watch Lonely Warrior

Community contribution

A better life of peace, stability and prosperity is the common aspiration for all people across the world. To the end, we set up special community welfare funds and carry out various charity activities to give back to local communities.

I Participating in volunteering

CGNEE supports and encourages employees to participate in various public welfare activities. It offers the volunteer service leave, a concrete action to support employees to give back to society, and instills the sense of social responsibility among employees

Paulo Ribeiro Da Silva and Gaétan Girard, two technical coordinators of the Toyes office of CGNEE, are also local volunteers. For the past three years, Paulo has been providing volunteer services for the Aube Department of Fire and Emergency Services, working alongside professional firefighters in rescue operations, protecting the life and property of citizens and the environment.

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The agreement between CGNEE and the Aube Department of Fire and Emergency Services allows me to attend regular fire training for ten days a year so that I can better protect the people.

> ——Paulo Ribeiro Da Silva, employee of CGNEE 77

Girard has joined the National Reserve on a voluntary basis for 12 years and spent his spare time serving the citizens. Leveraging his professional abilities, he has volunteered to take on reinforcement tasks for reconnaissance patrols, event security, search for missing persons, ensuring public safety and counter-terrorism.

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In the reserve forces, I often reminded of the values I was taught by my parents since I was a child: rigor, meticulousness, solidarity and exemplary role, which happen to be highly consistent with the company's rigor, meticulous and pragmatic work style. I keep them in mind both in my work and volunteer activities.

——Gaétan Girard, employee of CGNEE

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I Supporting community-based poverty reduction

We actively support poverty alleviation in local community by leveraging our project advantages and experience in poverty alleviation and providing assistance to the vulnerable groups.





Supporting farmers to increase income

Edra Power Holdings allocated 40 acres of buffer zone around Kuala Ketil Photovoltaic Plant in Malaysia to farmers for planting pineapples and other crops, under the administration of the Farmers' Association in Kuala Ketil District. The yields were sold in neighboring towns like Penang and Alor Setar. The planting project is expected to yield an average of 60,000 Ringgit per cycle.

Helping the vulnerable

In cooperation with the Melaka Investment Development Authority, the Majiezai Community Service Center and the Women of Will, Edra Power Holdings has launched multiple assistance projects for vulnerable groups.



Providing food aid

Swakop Uranium has donated food to impoverished residents, ensuring that children in coastal communities can get necessary nutritional supplements. In 2021, the food aid was delivered to the Congolese settlement in Swakopmund and children in the Arandis community in the province of Elengo.

[Case] Helping to reduce poverty in the dryland in Brazil

More than 70% of the northeastern Brazil is in chronic drought. For long, local people had to travel far and away to earn a living. The LDB wind power project CGN invested in and constructed in Lagoa do Barro, Piauí State, has not only driven the economic and social development in Brazil, but also alleviated the power shortage of Brazil's hydropower trough in the dry season. It has changed the local life and the appearance of the inland area of Piauí State. Therefore, wind is now regarded as the new "gold" by the local people.

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My generation and the generation before us were supposed to engage in agriculture, animal husbandry, and poultry raising when we grew up. When I was a kid, my dream was to become a cowboy, farmer, fisherman, or do something like that. I never imagined a job like this.

— Julio, O&M technician of LDB Wind Farm of CGN Brazil Energy

E Story Ellie's vegetable farm in Africa



In 2015, after learning about Ellie's story, Swakop Uranium Foundation decided to help her, offered her 156,000 NAD and sponsored her training on soilless planting in South Africa. She said, "This training broadened my horizons and enabled me to learn a lot of new and useful knowledge." After returning to Arandis, Ellie applied the advanced technology she learned to vegetable planting and achieved very good results. Swakop Uranium Foundation also provided technical training for Ellie's employees and sponsored Ellie with agricultural equipment to help her farm increase yields. The vegetables in Ellie's farm have become a hit in local supermarkets. Ellie also started a vegetable picking business, which was very popular among nearby residents. Ellie has become a model for many local entrepreneurs. She often said, "My success would not be possible without the help of Swakop Uranium Foundation of Husab Uranium Mine."

Since then, Swakop Uranium Foundation has held training courses in Arandis to teach soilless planting technology to more entrepreneurs like Ellie. The training, praised by the local people, has brought hopes to them. "We hope that one day, our vegetables will be enough to not only feed the city, but also be exported to other cities."





Ellie is a courageous woman from Arandis, Namibia. She was once a cleaner in the local Rossing Uranium Mine. One day she made a brave decision: to start her own business by opening a vegetable farm. So she rolled up her sleeves and started from scratch. She learned how to grow vegetables, and sought financial support at the same We care about education development in project areas and actively carry out activities to support education in local communities. We believe that high-quality education will bring fresh impetus for sustainable development to local communities and form a virtuous cycle with our corporate development.

[Case] Providing assistance to 28,000 students

The majority of Edra's power plants are located in third- and fourth-tier cities or rural areas in Malaysia, where some children are forced to drop out of school early due to economic pressure. The Malaysian Ministry of Education pledged to increase the enrollment rate from preschool to secondary education to 100% by 2020. In response, Edra launched a Student Assistance Program in 2005.

In addition to financial donation, the Edra Student Assistance Program offers a schoolbag and a shoe voucher to all fifth-grade students each year, to alleviate their family's burden for preparing for the upcoming academic year, encouraging students to study hard, and well prepare for the middle school entrance exam.

During the height of COVID-19, Malaysia's Education Ministry launched a hybrid teaching model. But without necessary equipment, students of many remote schools could not continue their studies or were even forced to drop out of school. In response, Edra student assistance program actively donated to the school to tide the school over.

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Edra's aid helped us timely address the problem of insufficient hardware equipment for online education, so that students could keep up with the learning timeline.

----Camisha, English teacher in Kampong Shawa National Primary School

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Since 2005, CGNEI's Edra student assistance program has benefited

nearly



[Case] Caring for needy children in Brazil

CGN Brazil Energy had provided assistance to students in João Paulo II, a local poor kindergarten to protect them from dropout of school. On the International Children's Day of 2019, its employees visited and brought gifts for kids in the kindergarten.



[Case] Supporting youth growth in Namibia

In 2021, Swakop Uranium and the Chinese Embassy together provided donations to the One Economy Foundation in Namibia to support youth growth. Swakop Uranium has been cooperating with local bureau of education for a long time. Through donation, it helped students to complete official schooling. Moreover, it sponsors 25 NUST or UNAM students each year until they graduate.



I Supporting sports development

We care about local sports development in project areas, actively promote the popularization of sports, and build more sports infrastructure to advocate the healthy lifestyle to the public.

[Case] The Husab Marathon

The Husab Marathon sponsored by the Swakop Uranium Foundation is one of the largest marathons in Namibia. Running through the picturesque Husab Road, it is well known in Namibia and even in Sub- Saharan Africa for its large scale, diverse activities and heated atmosphere. This event attracts both professional marathon runners and enthusiasts from Namibia, South Africa, and Zimbabwe etc. each year. It is also a time for get-togethers for local residents when everyone enjoys the healthy energy and happiness brought by the sports. By the end of 2022, the Husab Marathon has been held for six consecutive years. It has become a public communication channel upholding China-Namibia friendship.

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I think Husab Marathon is the best marathon in Namibia. The route is well selected, the supply is good and so is the prize. ——Paulus Ndangi Ilyambo, Champion of the 5th Husab Marathon (full marathon)

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I Promoting health and well-being

We care about the medical development in project areas, carry out medical and health assistance in local communities, and provide necessary medical equipment for impoverished communities and support the health improvement of low- and middle-income countries.

[Case] Donation of medical equipment to Egypt

In 2019, Edra Power Holdings actively engaged in the donation to El Hedaia Medical Center in Ismailia, Egypt, including intensive care ventilators, cardiac defibrillators with ECG monitors, blood gas analyzers and patient monitors, to help the hospital equip its renal failure intensive care unit. This donation was one of the long-term projects of Edra Power Holdings to support local medical service in Egypt.





I Participating in emergency rescue

Leveraging our advantages in technology, talent and resources, we actively participate in the disaster rescue and assistance of local communities to protect the safety of local residents and their property.

[Case] Participating in wild fire rescue

At the end of September 2020, a wild fire broke out around CGN Brazil Energy's Lapa Solar Power Plant. Three employees of CGN Brazil Energy rushed to the scene immediately to help put out the fire. The company's monitoring center provided effective information and guidance to the employees on scene. The fire was successfully put out, and local residents and their property were protected.

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I can see the courage of my Chinese colleagues and the spirit of never giving up. I am deeply amazed by their dedication and professionalism. This could explain why CGN has been growing so strong and developing so rapidly. I also want to keep up with my Chinese colleagues and keep moving forward. I hope we can grow together.

> Holdridge, an employee of CGN Brazil Energy involved in wild fire fighting

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Outlook

Facing sustainability challenges such as the imbalanced regional development and climate change, CGN will continue to stick to the principle of "extensive consultation, joint contribution and shared benefits" and benchmark against the *UN 2030 Agenda for Sustainable Development*. We strive to continuously optimize energy cooperation with partner countries and regions and work with stakeholders to build a prosperous, open, inclusive, clean and beautiful world.



While strengthening cooperation with partner countries and regions, we will, in light of regional resources and demands for development, speed up the expansion of clean projects of wind, solar and biomass energy while maintaining the stable operation of existing projects, thus striving to provide affordable clean energy for local communities and contirbuting to the sustainable development of global energy.

We will continue to pursue green development in project development, construction and operation, and constantly improve the ecological environment management system and ecological compensation mechanism. We will also reduce negative environmental impact and protect the local ecological environment through strict emissions control and various biodiversity conservation actions.

Adhering to the concept of international and localized operations, we rely on clean energy projects to drive the development of relevant local industries by employing local people and sourcing local products and services. At the same time, we will continue to jointly carry out various cultural exchanges and public-service activities with local communities, so as to enhance our mutual understanding and friendship and build a community with a shared future.

About the Report

Following the principles of objectivity, transparency and standardization, the Report systematically discloses the practice and performance of CGN in fulfilling its economic, environmental and social responsibilities overseas so that you will know what we have been doing.

Reporting Scope

This Report covers the period from January 1, 2013 to December 31, 2022. Some contents herein date back to some previous years for the sake of comparison, and some refer to the following years from a forward-looking perspective.

Compilation Conformance

- GRI Sustainability Reporting Standards (GRI Standards) issued by Global Sustainability Standard Board (GSSB)
- Guidance on Social Responsibility (ISO 26000:2010) issued by International Organization for Standardization (ISO)
- GB/T 36001-2015 Guidance on Social Responsibility Reporting
- United Nations Sustainable Development Goals (SDGs)

Data Source

The data used in the report is from CGN's official documents, statistical reports or relevant public materials.

Report Access

The Report is available in Chinese, English and French. You can download the electronic report from our website www.cgnpc.com.cn.

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Feedback Form

Dear readers,

Thank you very much for reading this report despite your busy schedules. We value and look forward to your comment on our sustainability work and this report. Your opinions and suggestions are most welcome, which we believe will help us improve our work.

1. Please specify your stakeholder status related to CGN

□ Investor	Customer	Employee	Governmer	nt 🗆 Sup	oplier	Business	partner		
Environme	ental protection org	ganization / NGO	🗆 Media	Commur	iity / The pu	Iblic 🗌	Others		
2. What is you	r overall impressic	n of this report:			Very Good	□ Good	□ Average	Poor	□ Very poor
3. What do you	u think of the struc	ture of this report?			Very Good	□ Good	□ Average	🗆 Poor	□ Very poor
4. What do you	u think of the layo	ut design of this rep	ort?		Very Good	□ Good	□ Average	🗌 Poor	□ Very poor
5. What do you	u think of the read	ability of this report	?		Very Good	□ Good	□ Average	🗌 Poor	□ Very poor
6. What do you	u think of the infor	mation quality disc	losed in this rep	port?	Very Good	□ Good	□ Average	🗌 Poor	□ Very poor

7. What other information do you think is not disclosed in the report?

8. What other comments or suggestions do you have on this report or our performance?

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Green

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Nature Sustainability

China General Nuclear Power Group

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