



**China Three Gorges
International Limited**



2021

Sustainability Report

**Green Energy Empowers
a Shared Future**

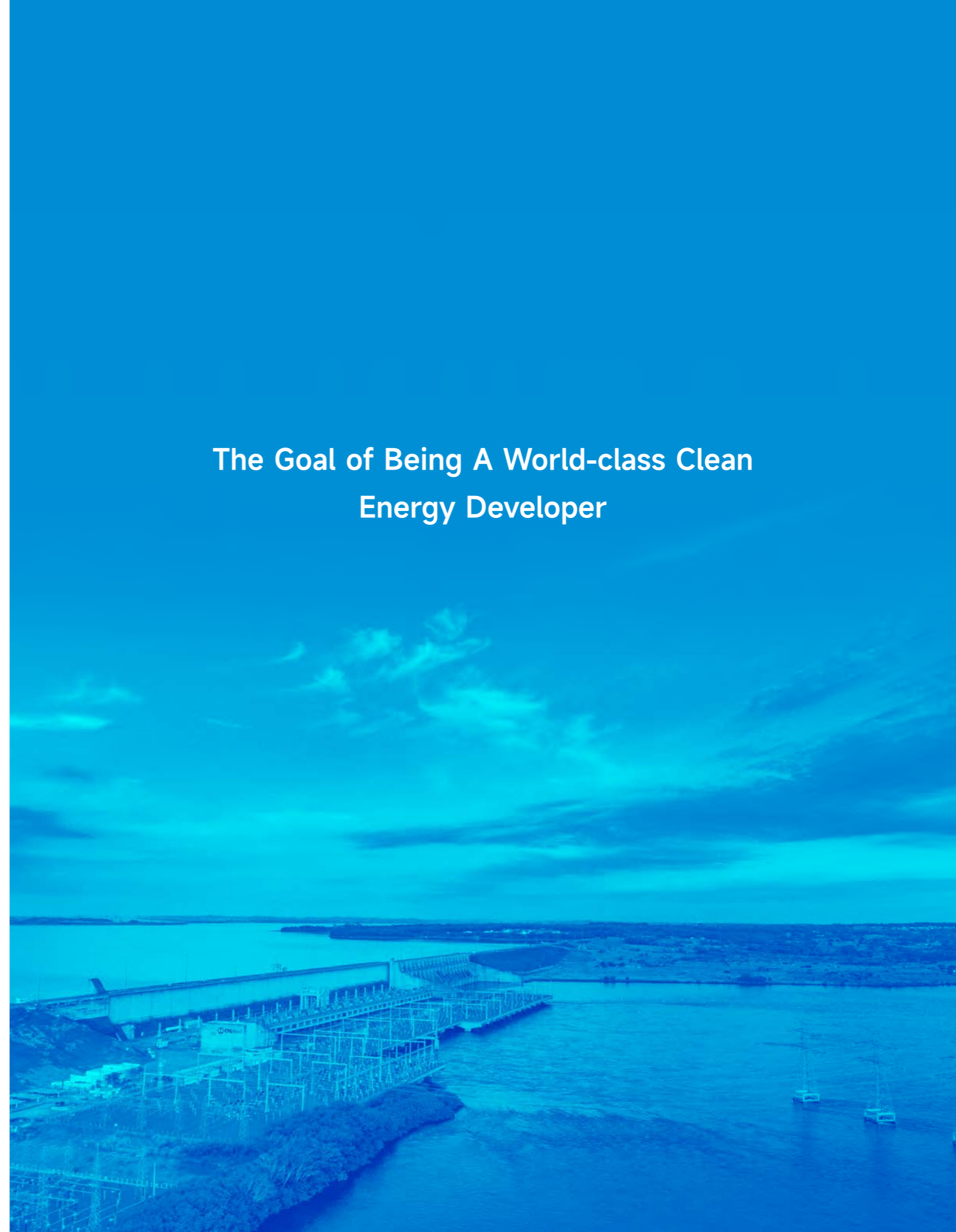


Cover Design Interpretation:

The cover design focuses on green development, integrates with sustainability issues and figuratively echoes with the report theme of “Green Energy Empowers a Shared Future”

Evolved from the CTG’s logo, the main visual design of the cover is the exclusive social responsibility image symbol – the energy ring, which also incorporated the concept of “0(zero)” carbon emissions. The energy ring is divided into upper and lower parts with corresponding color of blue and green. The upper and lower circles have ingeniously integrated with real pictures and illustrations to imply the sustainable development of businesses and stakeholders, energy and environment for jointly building a community with a shared future for mankind.

The Goal of Being A World-class Clean Energy Developer



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Message from the Chairman



Over the past ten years, China Three Gorges International Limited has served the international development of China Three Gorges Corporation (CTG) and helped to build CTG into a world-class developer of clean energy, contributing to green and low-carbon development and to building a clean and beautiful world. To benefit the people during our sustainable development up to high standards, we have consolidated the foundation for connectivity and cooperation with global partners, expanded international cooperation into more areas, and built a strong network for risk prevention and control. Through higher-level cooperation, more returns on investment, supply of better energy services, and more resilient development, we have served the Belt and Road Initiative with concrete action and achieved fruitful results internationally.

Remaining true to our original aspiration, we have engaged deeply in our main businesses and provided high-quality solutions for the adjustment of the global energy mix. We actively strengthen global energy cooperation based on the integration of resources across the industrial chain. We keep optimizing our overseas clean energy investment portfolio based on the natural endowments and development conditions of different regions. For example, in Brazil, we leverage our strength in power generation and technologies to steadily boost investments in and development of new energy projects, gradually becoming one of the largest power generators in the country. In many places in Europe and Asia, we focus on investments and M&As on one side and greenfield development on the other, especially investment opportunities in new energy fields such as photovoltaics and wind power, and facilitate the adjustment to regional energy mix according to local conditions, i.e. the enrichment of hydropower, wind power, and solar energy resources. In Latin America and Africa where natural resources are scarce and economic foundation is weak, we have proposed different solutions and invested in small but efficient projects to maximize the benefit of clean energy to everyone.

With a strong sense of responsibility, we are committed to contributing to a better life with green energy. Together with global partners, we develop safe, high-quality, innovation-driven, multi-energy, environmentally friendly, open and shared clean energy projects. Integrating the philosophy of respecting and protecting the nature into the whole process of production and operation, we make every effort to promote the balance and harmony between the nature and society, and contribute to a clean and beautiful planet.

Adhering to the principle of achieving shared growth through consultation and collaboration, we cooperate with our partners in building a community with a shared future for mankind. Specifically, we have kept improving our governance of sustainability, which is implemented in a coordinated manner across different levels. Through win-win cooperation across the world, we deepen cross-cultural exchanges and communication, and actively fulfill our corporate social responsibility to promote local economic and social development, improve living conditions and engage in charity cause. We have won the trust and support of the host governments and communities with concrete deeds, and established the image of a responsible global corporate citizen.

Wu Shengliang
Board Chairman Of China Three Gorges
International Limited



About China Three Gorges International Limited

Company Profile

RMB **100** billion+
Total asset by the end of 2021

RMB **10** billion+
Total revenue in 2021

16 GW+
Total installed capacity by the end of 2021

26.444 TWh
Total electricity generated in 2021



About Us

China Three Gorges International Limited, a subsidiary of China Three Gorges Corporation (CTG), was founded in 2011 with registered capital of RMB 29.6 billion. Since its inception, China Three Gorges International Limited has been promoting CTG to go global, and done a remarkable job in international market development, overseas M&As, engineering construction, and power plant operation and management. Through greenfield investment, equity M&As, etc., China Three Gorges International Limited has participated in many clean energy projects overseas, and yielded fruitful results in serving the Belt and Road Initiative (BRI). Over the past decade, China Three Gorges International Limited has started from scratch and grown from strength to strength. Now our business scope includes investments in and development of hydropower, wind power, solar power, and other clean energy projects in regions of Asia, Europe, Latin America, and Africa. We have five regional branches: China Three Gorges (Europe) S.A. (CTG Europe), China Three Gorges (Brasil) Energia Ltda. (CTG Brasil), China Three Gorges South Asia Investment Ltd. (CSAIL), China Three Gorges Latam Holding S.A.R.L (CTG Latin America), and Asia-Africa Green Energy Investment Limited. Pakistan and Brazil are two major markets for our hydropower and wind power business. Germany is the most important market for our offshore wind power business. We have entered the new energy market in Europe and Latin America, and in particular formed partnership with Energias de Portugal (EDP). By the end of 2021, we had set up 83 overseas subsidiaries and branches, and had nearly 1500 employees all the world.

Corporate Philosophy

While seeking business expansion, China Three Gorges International Limited has upheld the values of “sustainability, excellence, collaboration, and sharing.” Committed to global green energy investment and development, we carry out extensive and in-depth exchanges and cooperation with well-known organizations and peer companies at home and abroad. In line with the CSR philosophy that “great virtue is like water that nurtures the world,” we reflect the CSR goals of shared growth and harmonious coexistence in business development. We uphold the corporate culture of “integration with the local community for harmony,” and have made steady advances in water supply and road projects, promoted environmental protection, aided the construction of hospitals and schools, provided disaster relief, and established scholarships in host countries and regions, contributing to the building of a community with a shared future for mankind. We have thus won the trust and support of local governments and communities and established the image of a responsible global corporate citizen.



Mission

Providing high-quality clean energy for the world



Vision

To be a globally renowned clean energy group



Values

Sustainability Professionalism Innovation Respect



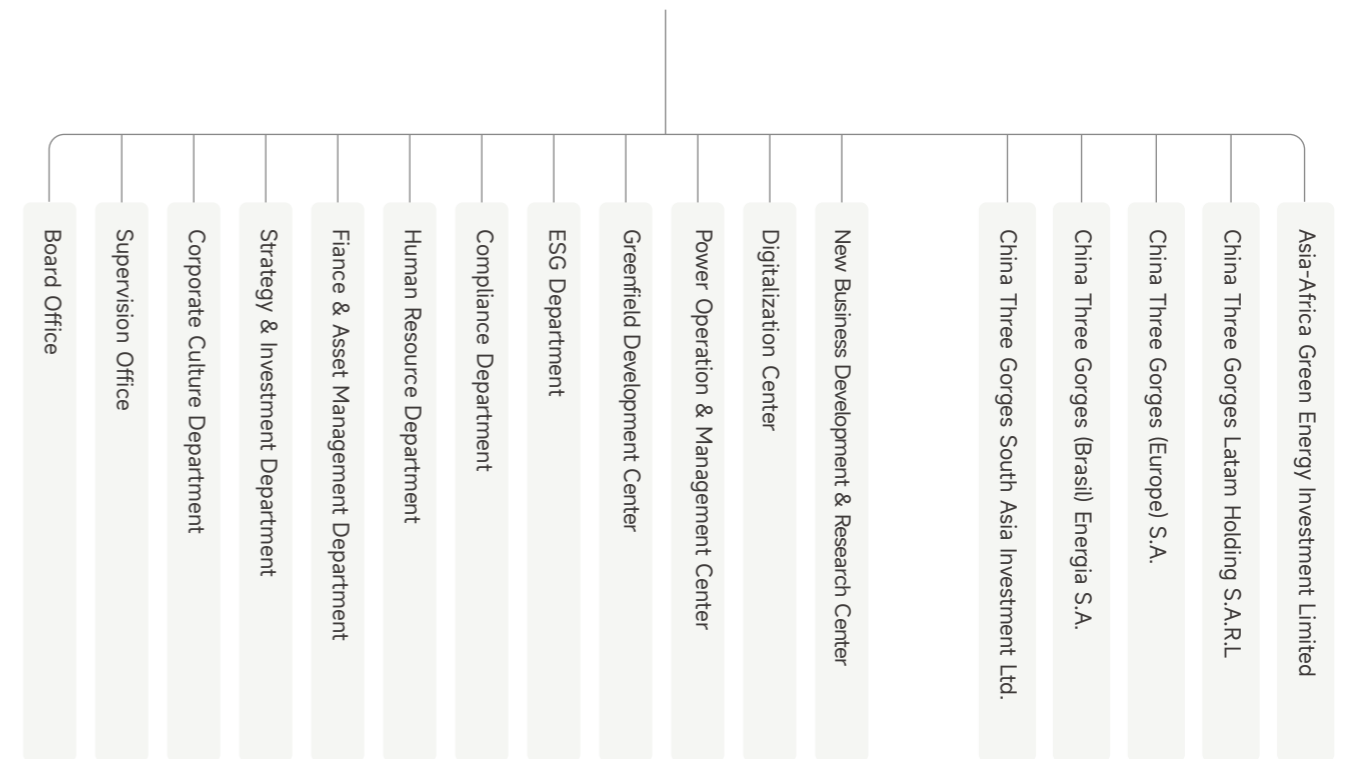
Motto

Cleaner energy, better Life

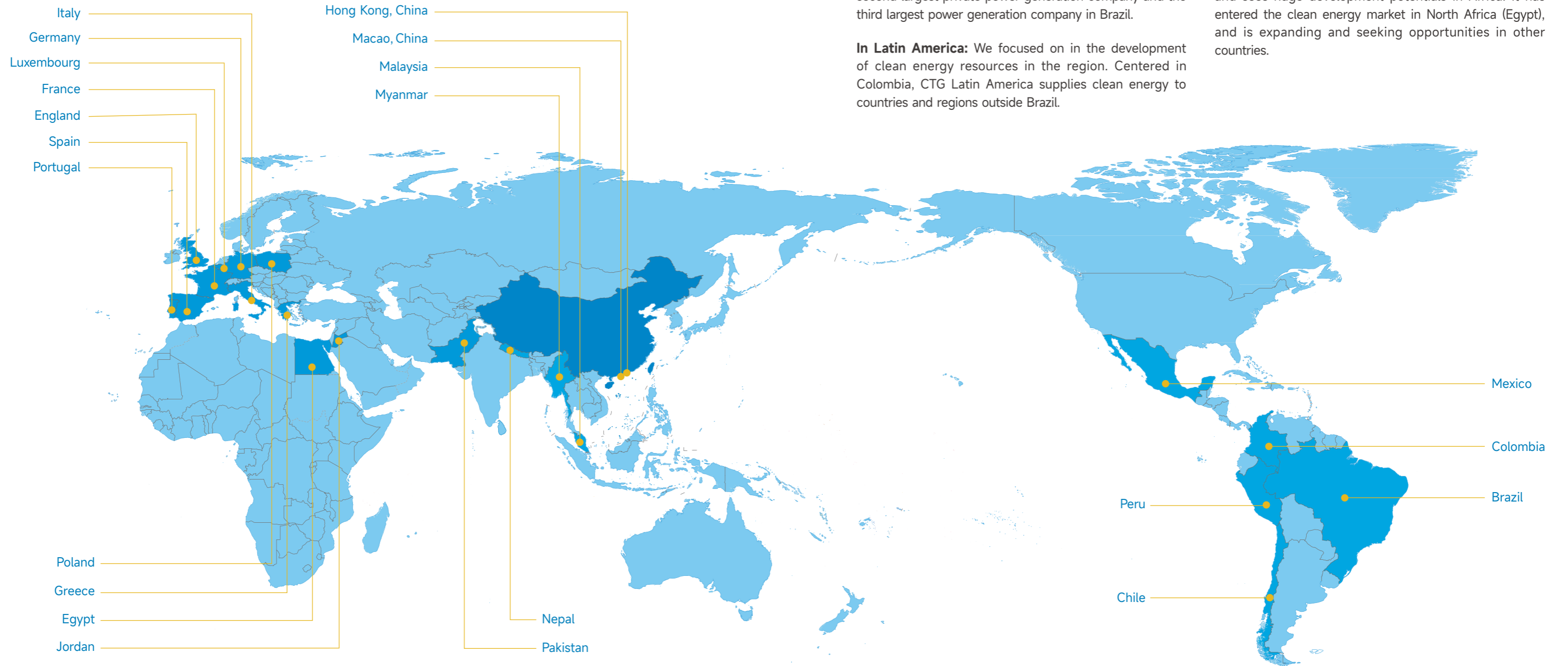
2022 Organizational Structure



China Three Gorges International Limited



Global Presence



In Europe: With a focus on Southern and Western Europe, CTG Europe is the single largest shareholder of EDP. Currently, CTG Europe has one wholly-owned subsidiary, one majority-owned project, and three projects with minority stake.

In Brasil: CTG Brasil was established in 2013 and the headquarter is located in São Paulo. CTG Brasil is the second largest private power generation company and the third largest power generation company in Brazil.

In Latin America: We focused on in the development of clean energy resources in the region. Centered in Colombia, CTG Latin America supplies clean energy to countries and regions outside Brazil.

In South Asia: Aiming Pakistan as the core market, CSAIL is specialized in clean energy investment, development, and operations. Many of its projects have been included in the framework of the China-Pakistan Economic Corridor (CPEC).

In Africa: China Three Gorges International Limited has established Asia-Africa Green Energy Investment Limited, and sees huge development potentials in Africa. It has entered the clean energy market in North Africa (Egypt), and is expanding and seeking opportunities in other countries.



China Three Gorges International Limited has remained committed to its corporate social responsibility (CSR) for ten years. Upholding CTG's sustainability philosophy that "great virtue is like water that nurtures the world", we have cooperated with partners around the world on a mutually beneficial basis. Together, we have developed clean energy and strengthened cross-cultural exchanges, contributing to the vision of a community with a shared future for mankind with concrete actions. Along the way, we have nurtured deep friendships with stakeholders around the world, and established the image of a responsible global corporate citizen.

for a Better World
Decade of CSR Dedication



The Alcazar solar farm



The "Green Run" event sponsored by CTG Brasil



The nursery of the Garibaldi Hydropower Project, Brazil



CASIL makes a donation to Kannada School in Pakistan.

Vigorously developing clean energy

53

Clean-energy power plants overseas

100%

Proportion of electricity generated from clean energy

189.542^{TWh}

Cumulative power generation

Promoting localized management and cross-cultural exchanges

1,500

Total employees Around

80+%

Proportion of local employees

Contributing to environmental protection and biodiversity conservation

RMB 34 million

Total investment in environmental protection in 2021

100%

Clean energy utilization rate

Improving philanthropy and people's well-being

RMB 82 million

Total investment in aligning the effort of poverty alleviation with that to advance rural vitalization in China

200+

Overseas philanthropic projects launched, including disaster relief, scholarships, water supply, road construction, and aid in the construction of hospitals and schools

200,000+

Beneficiaries of philanthropic projects of China Three Gorges International Limited



Since the outbreak of COVID-19, China Three Gorges International Limited has fulfilled its social responsibility and given back to the community by joining the fight against the virus.



COVID-19
Joint Fight Against

Special teams on COVID-19 control established

In the wake of the COVID-19 outbreak, China Three Gorges International Limited responded quickly by establishing a COVID-19 response task force, and strictly implemented anti-pandemic measures. Meanwhile, a team was set up to coordinate emergency procurement and transportation of overseas anti-pandemic supplies.

Support for local work and production resumption

Even at the height of the pandemic, our employees stood fast at their posts. On the basis of guaranteeing employees' health and safety, we ensured the operation of power plants and uninterrupted supply of green electric power to support local economic and social development and local communities.

Solidarity and mutual assistance in difficult times

- CTG Brasil has funded a serological testing R&D project, which is able to produce about 300,000 coronavirus test kits per month.
- CTG Brasil has prepared the *Emergency Plan for COVID-19 Response (6th Edition)*, providing a reference for other power supply companies in Brazil in formulating their own emergency plans for pandemic containment.
- Together with the First Hospital of Yichang, CSAIL set up a medical team to support Pakistan's fight against the pandemic.

A helping hand to local communities

In the fight against COVID-19, employees at home and abroad actively raised and donated medical supplies, and conveyed their confidence in defeating COVID-19 with solidarity through songs and paintings.



Writing songs on the theme of the fight against COVID-19

Anti-COVID supplies donation

Since the COVID-19 outbreak, China Three Gorges International Limited has donated various anti-COVID supplies to its subsidiaries and project areas, such as coronavirus test kits, ventilators, protective suits, N95 masks, etc.



Surgical mask donated by WindMW



Rapid test kits donated by CTG Brasil

Sustainability Governance

Business Ethics and Compliance Management

China Three Gorges International Limited always upholds business ethics and compliance, and abides by the laws of host countries and regions. We always adhere to high ethical standards, and are committed to building the Company into a model of business ethics.

Legal compliance

Committed to strengthening the basic capabilities and organizational structure for law-based corporate governance, China Three Gorges International Limited continues to improve the compliance management system. We actively respond to the complex and volatile political and economic landscapes around the world, guard against compliance risks in overseas investments, and ensure the compliance with the laws and regulations of China and project countries and regions, thus safeguarding the sound development of the Company.

Improving the compliance management system

China Three Gorges International Limited has established an organizational structure for compliance management covering all personnel from the Board of Directors to all business departments, clarified the compliance responsibilities of all personnel from senior executives to frontline employees, and formed the "two pivots, full coverage" working mechanism.

Building a compliance culture

Adhering to the concept that "compliance is integrated into business operations; all personnel comply with laws and regulations; and value is created through compliance operations," China Three Gorges International Limited has determined the principle that "all employees get involved in compliance operations in a coordinated manner and in a law-based business culture," and created a culture of compliance supported by all.

Strengthening risk prevention and control

China Three Gorges International Limited attaches great importance to the early warning of risks. We have effectively identified various compliance risks, and compiled compliance risk response plans that fit the Company's actual business practices to ensure that our operations are compliant with laws and regulations. Moreover, we have strengthened the research on and prevention of compliance risks in key areas and country-specific markets, and prepared emergency plans such as the Emergency Response Plan for Economic Sanctions. We also continue to strengthen the management of legal disputes to prevent and resolve litigation risks.

Anti-corruption and anti-fraud

China Three Gorges International Limited always values and strengthens clean governance and integrity, and strictly abides by laws and regulations on the prevention of bribery, extortion, fraud, and money laundering. We have improved the corporate culture and system in favor of business integrity, and worked to develop the integrity and morality system to ensure that our integrity culture is on a par with the international integrity and morality system.

We offer unimpeded channels for employees and other stakeholders to voice their concerns and grievances, and respond in a timely manner. The information of whistleblowers is kept strictly confidential.

0 Corruption lawsuits in 2021

9 Training sessions on integrity and compliance conducted in 2021

Doing business with integrity

China Three Gorges International Limited continues to enhance business ethics, abides by the competition law, deals fairly and honestly with suppliers, and avoids unfair competition such as price monopoly. The Company strives to create a business atmosphere of integrity, compliance, and fair competition.

Sustainability Management System

China Three Gorges International Limited constantly improves its sustainability management system and enhances awareness and capability in this regard. The Company also actively integrates the concept of sustainability into corporate culture, daily management and business operations, striving for sustainable corporate development.

Sustainability management philosophy

Bearing CTG's CSR philosophy that "great virtue is like water that nurtures the world" in mind, China Three Gorges International Limited stays oriented toward the CSR goal of shared growth and harmonious coexistence and works to create a corporate culture of "integration with the local community for harmony." Following the *CTG Sustainability Policy*, we have incorporated our impact on stakeholders and the natural environment into our enterprise management system and strive to create comprehensive economic, social and environmental value.

Sustainability management progress

China Three Gorges International Limited continues to improve the sustainability management system. We further clarify the responsibilities for sustainability management at all levels and positions, improve company policies, and have revised the *Administrative Measures for Fulfilling Social Responsibility Projects (Trial)* based on our own actual conditions. We have established the management model featuring "overall planning, centralized management by specified departments, category-specific implementation, and specialized operations." Applying the Plan-Do-Check-Act (PDCA) cycle, we have created a good situation in which we are able to make unified planning, and ensure that specific responsibilities are implemented at all levels under overall coordination.

Board of Directors: The Board is responsible for the sustainability strategy and the overall planning of matters related to ESG management. It is also responsible for assessing and determining ESG risks, and ensuring appropriate and effective ESG risk management as well as the development of

Materiality Analysis

China Three Gorges International Limited attaches great importance to the identification and management of material sustainability topics. Based on the background of sustainable development and the Company's strategic priorities, we analyze and evaluate the external environment, our own strategies and sustainability capabilities, grasp and collect stakeholders' expectations and needs, and analyze our material topics, so as to steadily advance our sustainable development.

Topic source		Screening criteria
<ul style="list-style-type: none"> • Suggestions of the Company's management • Peer benchmarking research • Social responsibility standards / guidelines • Opinions solicited from stakeholders 	<ul style="list-style-type: none"> • Contribution to sustainable development • General concern of stakeholders • Key disclosure requirements of social responsibility guidelines • Alignment with the strategic development needs of the Company 	
Environmental topics	Social topics	Governance topics
<ul style="list-style-type: none"> • Full lifecycle management of the environment • Addressing climate change • Biodiversity conservation • Pollution prevention and control • Clean and stable power 	<ul style="list-style-type: none"> • Localized employee management • Employee development and training • Occupational health • Community development • Driving entrepreneurship and income generation • Educational support • Protection of employees' rights 	<ul style="list-style-type: none"> • Legal compliance • Anti-corruption • Engineering project quality • Work safety • Supply chain management • Technology and management innovation • Democratic management

the internal control system. It deliberates on and approves the annual plan and budget, and decides on major issues in project management.

ESG and Connected Transactions Committee: It serves as a specialized organ that supports the decision-making, and carries out ESG top-level design and compliance disclosure. It is also responsible for formulating China Three Gorges International Limited's ESG strategic goals and development plans, and supervising ESG management, and reports to the Board on a regular basis.

ESG Executive Committee: It is responsible for organizing, supervising and guiding major ESG topics and issues.

ESG Center (ESG Office): It is responsible for ensuring ESG operation through institutional improvement, mechanism building, information collection, disclosure review, performance improvement in rating indicators, and project implementation for various ESG topics.

CTG Brasil seeks progress in ESG management

In 2021, CTG Brasil built its own ESG platform for conducting research into a number of key topics, including climate change and energy transition, impacts on water resources, biodiversity conservation, the safe, healthy and diverse working environment, local impacts and development, corporate governance, and the sustainable value chain. For each topic, CTG Brasil has made a series of commitments and corresponding indicators to continuously optimize management, and also set ESG goals for 2023 and 2030. Both the Board of Directors and the management attach great importance to ESG management, and relevant information is disclosed to employees to raise their awareness and abilities of sustainability management.

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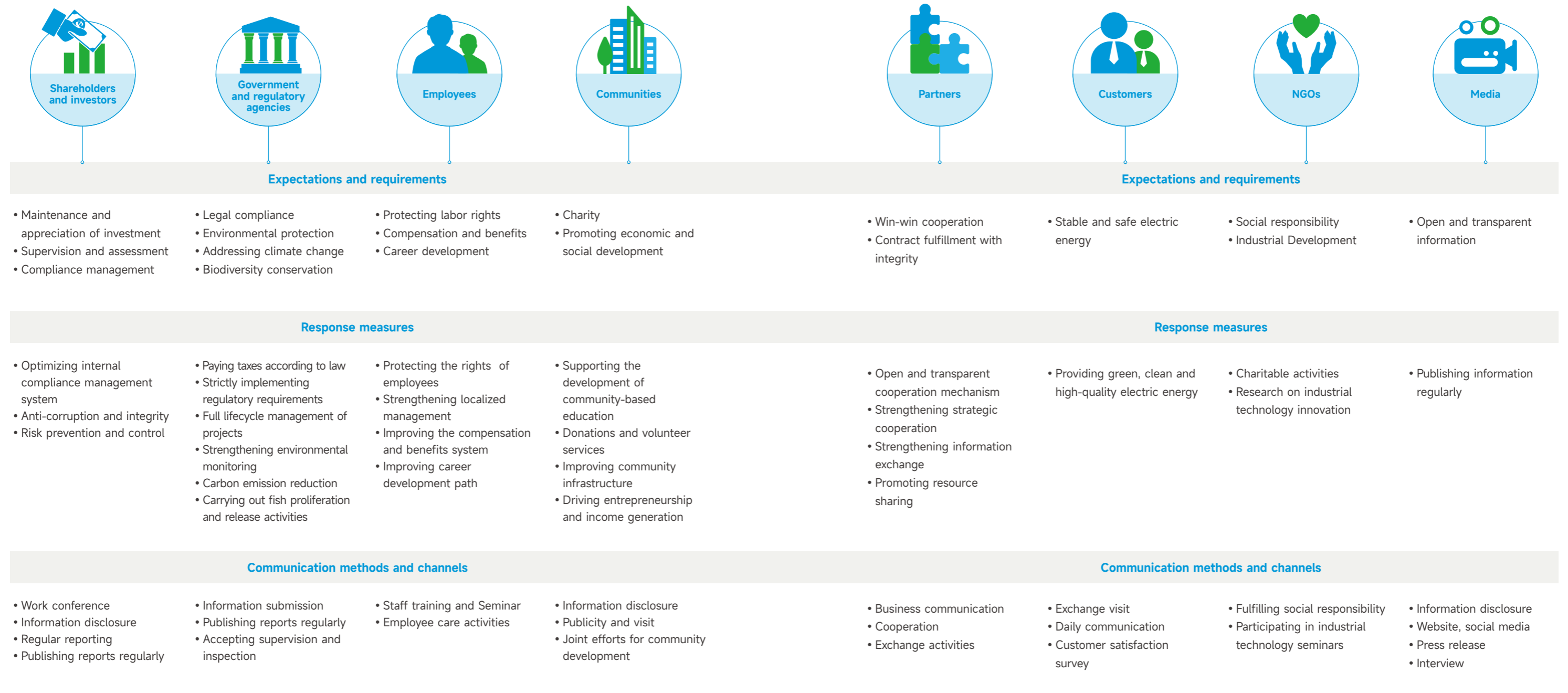
SDGs prioritized by CTG Brasil

7

ESG strategic goals set by CTG Brasil

Stakeholder Communication

The decisions and behaviors of stakeholders have a direct impact on enterprises in their pursuit of sustainable development. Therefore, China Three Gorges International Limited always keeps in touch with stakeholders on an ongoing basis through multiple channels. By identifying key stakeholders, and establishing diverse communication mechanisms and channels, we have gained a deep understanding of stakeholders' needs and feedback, and accordingly continued to improve sustainability management, thus effectively responding to and satisfying their needs and concerns.



Creating a Clean Future Together

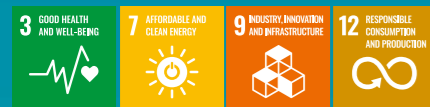
Committed to investment in and development of clean energy around the world, China Three Gorges International Limited actively exchanges and works with well-known institutions and peer companies at home and abroad. The Company builds high-quality, green and innovative projects that improve people's well-being, ensures stable supply of clean energy overseas, and uses 100% green electricity.



CSR Story

A green pearl on the China-Pakistan Economic Corridor

The Karot Hydropower Project is a major pilot project under the China-Pakistan Economic Corridor (CPEC) and a key project under the Belt and Road Initiative. After seven years of construction, the project was put into full commercial operation on June 29, 2022, and will generate an average of 3.2 TWh of electricity per year, sufficient to meet the electricity demand of around 5 million people in Pakistan.



100%
Proportion of installed capacity of clean energy by the end of 2021



Clean Electricity

China Three Gorges International Limited has brought advanced hydropower equipment, construction technology and rigorous standards to host countries, and supplied clean and reliable electricity to local community. Through greenfield investment and equity mergers and acquisitions, the Company has developed more clean energy projects, and promoted global energy transition and sustainable development.



CTG Europe received the awards of Best Renewable Energy Company Europe 2022 and Most Innovative Energy Plant Germany 2022 from World Economic Magazine.

Developing more clean energy

All our clean energy projects in about 20 countries and regions around the world use only green electricity, and generate and supply clean energy to drive local economic and social development. At the same time, we keep optimizing the energy mix in host countries, and have developed greenfield projects and innovation projects, contributing to carbon peak and carbon neutrality goals. In 2020, China Three Gorges International Limited was awarded the honor of the Green Productivity Forerunner of the Belt and Road.

Opening up the global clean energy market

China Three Gorges International Limited engages in wind power and solar power projects, and has completed the delivery of the Daylight Photovoltaic Power Plant Project and the Horus New Energy Project in Spain and the Alcazar New Energy Project in North Africa. The Company has signed an agreement with EDP to acquire the Flores Onshore Wind Power Project in Spain, and signed an agreement with the Kohala Hydropower Project in Pakistan on four franchise rights to achieve coordinated development of wind power, solar power and hydropower.

Exploring the commercial application of new clean energy

China Three Gorges International Limited continues to develop new renewable energy such as hydrogen energy and energy storage, and discusses investment and cooperation opportunities in the energy storage and pumped storage market with the president of ASEALEN (Asociación Española de Almacenamiento de Energía) and Alener, a Spanish hydrogen development company.



The Meerwind Offshore Wind Power Project delivers clean electricity to 360,000 households per year

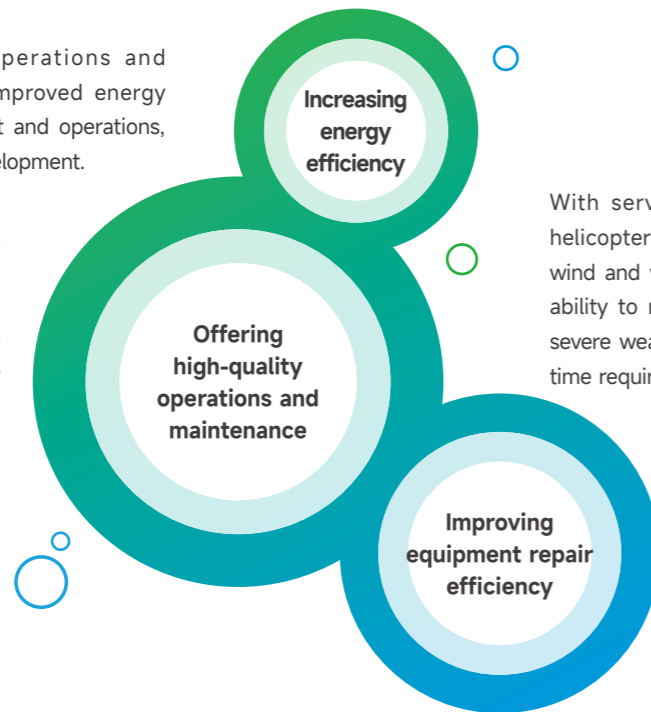
The Meerwind Offshore Wind Power Project, located in the North Sea of Germany, has a total installed capacity of 288 MW. In February 2022 (28 days), it generated 160 GWh of electricity, setting a record high in terms of monthly power generation since it was put into operation. It can supply about 1.2 TWh of green electricity every year, sufficient to meet the demand of about 360,000 households while reducing carbon dioxide emissions by about one million tons per year.

Stable supply of green electricity

Striving for excellence, we spare no effort to guarantee stable power supply to numerous households by making full use of our power generation capacity through precise scheduling, meticulous maintenance, and lean operations.

We have innovated in the operations and maintenance technology, and improved energy efficiency by upgrading equipment and operations, thereby promoting sustainable development.

We coordinate the annual work safety and maintenance plans, and use the power generation management information system to make schedule. Then we accurately track power generation and dynamically optimize the schedule, and ensure that the equipment is in good conditions through high-quality operations and maintenance.



With service operation vessels and helicopters that are more resistant to wind and waves, we have improved our ability to reach offshore wind farms in severe weather, and further reduced the time required for repair.

Comprehensively transforming power plants to increase the hydropower utilization rate

To ensure stable operations of power plants in the long run and increase the utilization rate of hydropower, China Three Gorges International Limited comprehensively transformed the mechanical and electrical equipment of the Ilha Solteira and Jupia Hydropower Plants in Brazil after taking over them.

This was the largest hydropower-plant transformation in Brazil, involving two dams, 34 generating units and auxiliary equipment. The process was complicated, took a long time, and engaged a lot of teams and workers. The Chinese and Brazilian teams worked together and leveraged their respective strengths in different fields of technical management to give a new life to the worn, outdated units, thus jointly contributing to the sustainable economic and social development of Brazil.



The Jupia Hydropower Plant

Alleviating power shortages in Pakistan by building power plants

China Three Gorges International Limited has built the Karot Hydropower Project, and the Three Gorges First Phase and Second Phase Wind Power Projects in Pakistan. The latter has been fully put into operation, with an annual power generation capacity of about 440 GWh. The Karot Hydropower Project, as the first hydropower project under the CPEC, is able to generate 3.2 TWh of clean energy annually, which can effectively alleviate local power shortages, improve the lives of local residents, and promote local economic development.



The Three Gorges First Phase Wind Power Project in Pakistan



The Ilha Solteira Hydropower Plant

Win-win Cooperation

China Three Gorges International Limited strengthens exchanges and strategic cooperation with governments, peer companies, international organizations and suppliers, advances the adjustment in local energy mix, and seeks win-win cooperation on local clean energy projects.

Building a sustainable supply chain together

We have standardized our procurement management, raised the procurement personnel's awareness of green sourcing, and publicized and trained staff on the procurement policy. We work to build a green supply chain, and plan to extend ESG management to upstream and downstream of industry chains, including service, supply, operations and maintenance, general contractors and subcontractors. We actively reform materials management, and work to establish an intensive, standardized and specialized lifecycle management system, and a smart supply chain which is big-data-based, networked, shared and enables intelligent collaboration.

Building a win-win industrial chain

Committed to becoming a good industry chain leader, we have been improving the supply chain and developing the innovation chain for the clean energy and environmental industry chain to drive the development of upstream and downstream industries. We bring China's hydropower design, construction, equipment and project management practices to overseas markets. In our overseas projects, local workers and we learn useful knowledge and skills from each other, thus promoting the development of local equipment manufacturing industry.

Strengthening cooperation with stakeholders

Cooperation with the government

China Three Gorges International Limited actively communicates and cooperates with governments of host countries, and strengthens policy dialogue and consultation to promote sustainable economic and social development of the project countries.

Cooperation with peer companies

China Three Gorges International Limited strengthens strategic, win-win cooperation with EDP and X-Elio, and builds the cooperation mechanism for international investment and financing that involves coordination among various parties, so as to seek win-win cooperation.

Cooperation with industry organizations

China Three Gorges International Limited has co-launched research on clean energy technology with industry organizations and research institutes such as the National Industrial Training Service (SENAI) of Brazil and the German Offshore Wind Energy Foundation, strengthens international exchange on cutting-edge technology and good practices, and actively participates in the formulation of industry standards to promote the progress of the industry.

Win-win cooperation with EDP for ten years

In December 2021, CTG and EDP signed a new strategic cooperation agreement. Over the past ten years, the two have partnered up in pursuing innovation-driven development, and strengthened cooperation in R&D, personnel exchange and training and innovations in corporate management. Fully leveraging our respective strengths, we have deepened win-win cooperation in culture, society, environment, innovation, R&D and offshore wind power, to the acclaim of both Chinese and Portuguese governments and peoples.



Onshore Wind Power Project, Portugal



CTG and EDP sign a new strategic cooperation agreement.

Technological Innovation

To facilitate project areas to improve their clean energy technology, China Three Gorges International Limited continues to strengthen international technological exchanges and cooperation, fund relevant research projects of international industry organizations, and dispatch tech specialists abroad to provide technical support and conduct exchanges.

Conducting technological exchanges

China Three Gorges International Limited has engaged in technological cooperation and exchange projects with overseas industry organizations, universities, and companies, and vigorously promoted the implementation of its first overseas energy storage project. We have cooperated with local institutions in the R&D of photovoltaic power technology, and work with SENAI and EDP to jointly develop new renewable energy technologies to promote the reform of energy mix overseas.

Strengthening technological support for overseas projects

China Three Gorges International Limited has dispatched tech specialists to provide technical support overseas. They screen and identify problems, offer solutions, and resolve technical risks, thus ensuring the secure operation of overseas power plants.

Funding the German Offshore Wind Energy Foundation to facilitate the energy transition in Europe

WindMW continues its donation to the German Offshore Wind Energy Foundation for the utilization of and research into offshore wind energy. This move has promoted cooperation and exchanges in offshore wind power development and helped the foundation introduce world-class practices, technology and standards. Its research will provide reference to the development of offshore wind power, strengthen the position of offshore wind energy in the future energy mix in Germany and the wider Europe, and promote environmental and climate protection.



Cooperating with SENAI in the development of renewable energy technologies in Brazil

CTG Brasil and SENAI jointly inaugurated the Innovation Habitat for Clean Energy, and launched the “Green Hydrogen Strategic Mission.” The Innovation Habitat solicits green hydrogen solutions from incumbent companies, start-ups and research institutions, especially projects and proposals related to green hydrogen generation, storage, transportation, and new energy. It aims to facilitate sustainable development by developing the green hydrogen industry chain in Brazil through effective commercial and technological solutions.



CTG Brasil inaugurated its Innovation Habitat at the SENAI Institute for Innovation in Renewable Energy (ISI-ER) in Natal, Rio Grande do Norte.

Safety Management

We always attach great importance to work safety and safety of the dam. In order to control dam safety risks and ensure work safety, we have formulated work plans on dam safety, monitored the safety status, identified and eliminated safety hazards. Meanwhile, we have improved our work safety management system, and beefed up the supervision of the power generation process to ensure life and property safety of local residents around the dam as well as power station employees' safety.



Attaching great importance to the safety of the river basin, China Three Gorges International Limited strengthens flood monitoring, and improves the accuracy of flood forecasting. By optimizing scheduling and retaining floodwater, we improve the flood control capabilities in the downstream, and mitigate the impact of floods on people's lives and property.

We identify and eliminate safety hazards, and take the initiative to defuse safety risks while enhancing monitoring and early warning. We act strictly on scheduling orders, and divert floods in a science-based and orderly manner. We strengthen dam safety supervision, and regularly inspect and reinforce dams to put the people at ease.

We attach great importance to work safety and strictly abide by international labor conventions and labor management rules of Pakistan in Karot Hydropower Project. Based on our existing experience and taking reference with the specific requirements of IFC, we have formulated an environmental and social management system with international characteristics which integrated the advantages of HSE management models of China and other countries. The system is in line with requirements of Pakistan government, CTG, IFC and other parties, providing references for our work safety management.

Adhering to work safety philosophy of "Putting the people and their lives first," we strictly implement the dual prevention mechanism comprising hierarchical risk control and hazard screening and management, and have formulated the "two lists and one map" to help us eliminate safety hazards in a timely manner, effectively forestall and defuse major risks, and ensure the safety of people.

0
Casualty among employees in 2021

CTG Brasil guarantees dam safety

The 14 dams of 14 power plants run by CTG Brasil are under the jurisdiction of the Paraná River and the Paranapanema River management areas. In 2019, CTG Brasil established a dam safety committee to further improve safety management.

Strengthening daily management

We have formulated annual and monthly plans for dam safety, and set up dam safety management teams to take charge of daily inspections and maintenance, special inspections, civil engineering, hydrological surveys, and emergency response.

Building smart dams

We have developed and upgraded automated dam monitoring systems, and developed intelligent patrol robots and electric vehicles shuttling between hydropower plants to better monitor the status of dams.

Developing dam safety emergency plans

Emergency action plans (PAEs) are developed to guide the response to extraordinary floods and dam failures, as well as emergency rescue such as personnel evacuation.

Preparing for flood control

We have formulated and signed the *Memorandum of Management Plans for Flood Control*. Experts are invited to have special inspections of key flood control tasks and hold special meetings, such as meetings on reservoir impoundment of the Karot Hydropower Project, the stability of the 1# slag yard, and flood control at the Salto Dam in Brazil during the first flood season after the restoration of its drainage system, etc.



Salto Hydropower Project, Brazil

Protecting the Ecological Livable Environment Together

Following the principle of prioritizing ecological conservation in the pursuit of green development, China Three Gorges International Limited values ecosystem conservation, implements environmental management throughout the project lifecycle from construction to operations, and is concerned about biodiversity conservation and climate change. We take the initiative to communicate to the general public the ideas of green development and environmental protection, contributing our share to protect the eco-friendly and livable homeland.

CSR Story "Gene-driven" biodiversity conservation

Starting from April 2017, CTG Brasil has cooperated with the Technical Center of the Brazilian Biological Bureau and other institutions to find out how to eliminate biological contamination caused by golden mussel with the gene technology. In 2021, the research team confirmed the hereditary infertility-inducing target genes, contributing to biodiversity conservation in Brazil. CTG Brasil won the first prize in the "Harmonious Co-existence with Nature" category in the 2021 collection of best practices of Chinese enterprises' international image building.



In 2021
100%
Environmental impact assessment coverage rate

Strict Environmental Management

China Three Gorges International Limited strictly abides by laws and regulations of host countries and regions. We have formulated environmental protection rules such as the Rules on Environmental Protection in accordance with relevant management requirements of CTG. Our regional and project companies have also established targeted environmental protection system based on their own characteristics to manage environmental risks in projects, so as to enhance environmental management through strengthening environmental monitoring and implementing environmental responsibilities.

Pre-Construction Stage	Construction Stage
<ul style="list-style-type: none"> Carrying out preliminary due diligence and preparing technical due diligence report and legal due diligence report Performing due diligence on the environmental management record and present condition of the project and compliance requirements such as environment-related permits and certificates, to ensure the M&A project's environmental management and related risks are fully under control Carrying out EIA including background survey for greenfield projects and submitting the result to competent authorities for approval 	<ul style="list-style-type: none"> Controlling strictly the environmental impact of the project and formulating environmental protection plan such as reducing energy consumption and pollution Managing environmental risks in strict accordance with management rules Implementing strictly the environmental monitoring and evaluation tasks in the construction process
Post-Construction Stage	Operating Stage
<ul style="list-style-type: none"> Carrying out ecological restoration of the construction site, such as the sand and gravel quarry 	<ul style="list-style-type: none"> Formulating appropriate environmental protection plans according to environmental management goals of the host country and that of the company Protecting animals and plants, monitoring and improving the water quality, and releasing fish for proliferation, etc. in and around the project site Formulating the biodiversity management plan Raising public awareness of environmental protection

CSAIL formulates the strict environmental management plan

The China Three Gorges International Limited Karot Hydropower Plant implements environmental management in accordance with the environmental and social performance standards of the International Finance Corporation (IFC) under World Bank. It formulated a number of environmental management sub-plans for environmental protection, divided responsibilities among departments, and saw to it that these responsibilities were effectively fulfilled to ensure the environmental compliance of the construction process. It also formulated the *Environmental Recovery Plan for Kahuta Quarry* and accordingly restored the environment of the sand and gravel quarry.



Karot Biodiversity Management Plan Implementation Project

0 Warnings or penalties issued by local environmental authority during the construction stage of Karot Hydropower Project

Green Operation

Committed to clean and low-carbon development, China Three Gorges International Limited accelerates the energy transition, and strengthens operational and maintenance management of environmental protection facilities to reduce emissions and energy consumption. We have engaged third-party environmental monitoring company to conduct regular environmental monitoring and evaluation at our key projects in accordance with local environmental standard. In addition, project companies have carried out critical habitat evaluations and wildlife surveys to prevent major environmental impact.

CTG Brasil protects the ecological environment with green operations

In 2021, CTG Brasil continued to protect animals and plants, monitor and improve the water quality and release fish for proliferation. The eight hydropower plants in the Paranapanema River basin release about 1.5 million fish fry each year, and the Ilha Solteira and Jupiá hydropower plants in the Paraná River basin, about 3.6 million fish fry.

To protect the aquatic environment and biodiversity, CTG Brasil monitors and recycles aquatic plants. The excessive aquatic plants in rivers and reservoirs are converted into biofuels by using the pyrolysis technology, thus achieving ecological balance in the local areas.

186.3 hectares
Afforestation completed by CTG Brasil in 2021

8,500 km
Reservoir monitored by CTG Brasil in 2021



A staff of CTG Brasil releases fish



Research on converting aquatic plants into biofuels

Tackling Climate Change

China Three Gorges International Limited closely tracks climate change and actively promotes green and low-carbon development. We have supported and taken actions to tackle global climate change, and started the research on the carbon neutrality pathway. We also encourage our subsidiaries to strengthen carbon management, set targets on carbon emissions reduction, and mitigate climate change through activities such as afforestation.

CTG Brasil remains 100% carbon neutral for two consecutive years

In 2020, CTG Brasil achieved 100% carbon neutrality in both direct GHG emissions from business operations and indirect GHG emissions from the use of electricity through the Jari-Amapá REDD+ project. The aim of the Jari-Amapá REDD+ project is to provide sustainable forest management training to farmers and explorers in the 220,000-hectare Amazon tropical rainforest area in the Valley of Jari areas. In addition, CTG Brasil has purchased carbon credit to provide support for the project.

In addition to carbon neutrality, CTG Brasil has won the golden medal accreditation for the Brazil GHG Protocol Program.

1332.84 tonnes

Carbon emissions offset in 2020



Certificate of carbon neutrality for 2020



The gold medal of Brazil GHG Protocol program



The Jupia Hydropower Plant

Biodiversity Conservation

China Three Gorges International Limited always develops energy in a science-based and eco-friendly way on the premise of environmental protection. We conduct monitoring, protection and scientific researches as well as local vegetation recovery and endangered species protection in accordance with the local conditions in a continuous effort to promote biodiversity.

Formulating the biodiversity management plan

China Three Gorges International Limited has formulated the biodiversity management plan in accordance with local conditions of each project site and collaborates with local government agencies to jointly improve regional biodiversity management.

Conducting joint research on biodiversity conservation

Focusing on the key points in local biodiversity conservation, China Three Gorges International Limited applies critical technology and has introduced advanced and economical bio-tech solutions for the breeding of endangered species and the control of biological invasion.

Conducting biological conservation activities

China Three Gorges International Limited takes preventive and protective measures and comprehensive treatment measures in accordance with the project's biological characteristics, to protect wildlife at the project site and their habitats from any threat.

Carrying out public communications

China Three Gorges International Limited organizes environmental protection activities to promote green ways of production and life. We have helped raise the environmental awareness among local residents through public communications on the concept and methods of environment protection.

CTG Brasil: a protector of the "animal kingdom"

At the beginning of 2020, CTG Brasil became the operator of the Ilha Solteira Wildlife Conservation Center which is home to 302 animals of 53 species. Among them, the cougar, the second largest cat native to Brazil, was named the symbol of the Ilha Solteira Wildlife Conservation Center. CTG's efforts in the promotion of biodiversity conservation and the harmonious coexistence between mankind and the nature have contributed to the green and sustainable development of the world.



The Ilha Solteira Wildlife Conservation Center in Brazil

Three Gorges Pakistan wind power projects support bird migration

CTG's wind power project in Pakistan is located on a migration route of birds. CSAIL assessed the project's possible impact on bird migration, established a permanent bird observation site and hired specialists to record the bird species and their population regularly. Meanwhile, in order to create a stopover for the migrating birds, the project company improved the local environment by increasing vegetation and building a landscape pool. It also rang main electric equipment and facilities such as turbines, substations and the power lines with barb wires to prevent animals from entering, so as to ensure their safety.

Jointly Promoting the Development of International Talents

China Three Gorges International Limited always adheres to a people-oriented and harmonious cross-cultural management model, and shares development results with employees. We fully respect the rights and interests of employees, build a diverse and broad career development platform for them, and create a fair, equal, democratic and harmonious environment that supports Chinese and foreign employees' career advancement.



CSR Story

Strengthening the bond between Chinese and local employees with the "Buddy" program

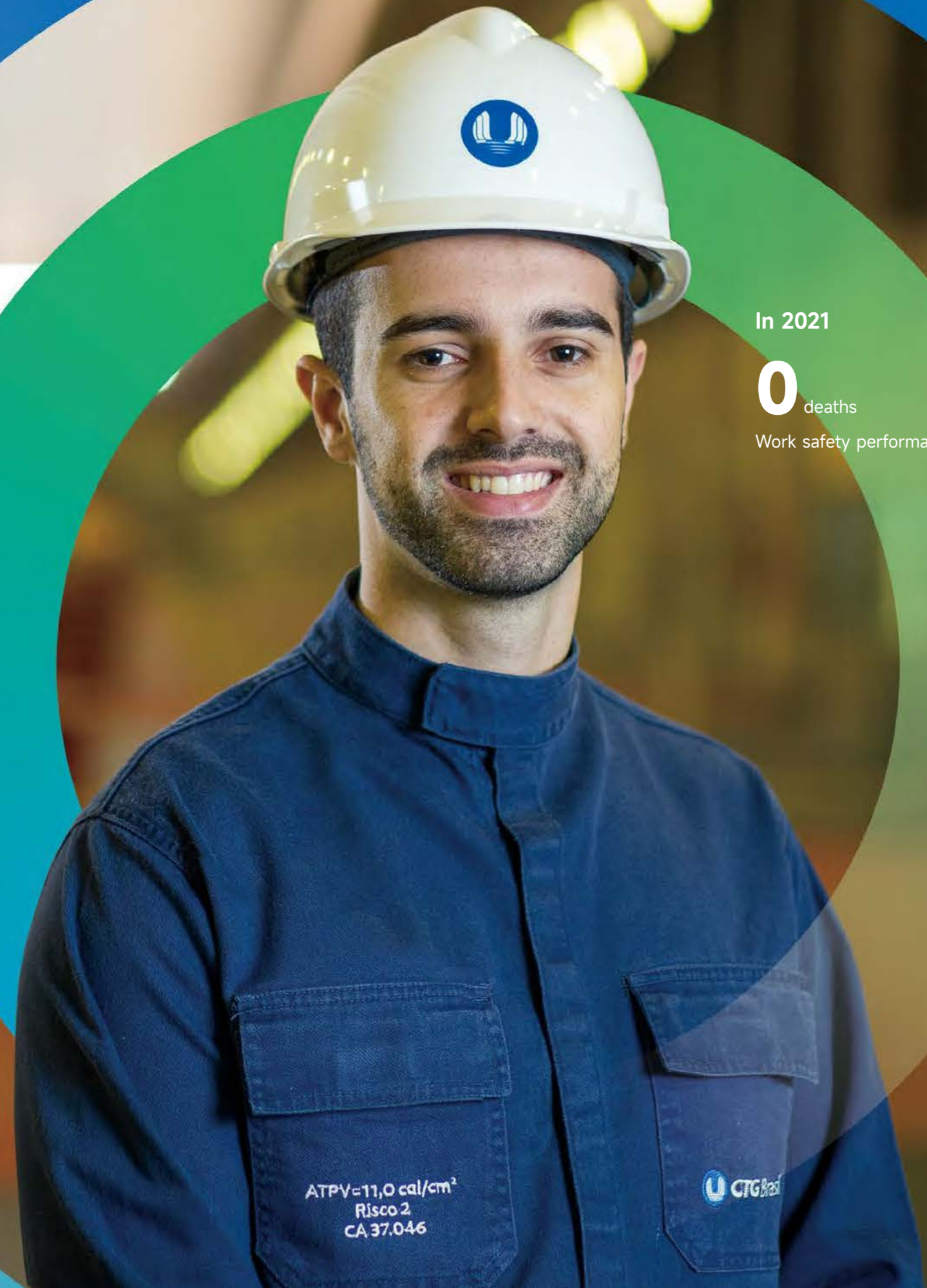
China Three Gorges International Limited has launched the "Buddy" program in Brazil, pairing Chinese with local employees. Brazilian employees help their Chinese coworkers familiarize with local customs and cultures while Chinese employees answer their questions about China and Chinese culture to break their stereotypes. The program has brought Chinese and local employees closer, and facilitated an open and inclusive corporate culture.



In 2021

0 deaths

Work safety performance



International Management

We pursue sustainable development in host countries and regions, and respect local laws and regulations, cultures and religious beliefs. We have employed a large number of local workers, and piloted the recruitment of professional managers to promote diversity and inclusion in the workplace. At the same time, we press ahead with international operation, and have built professional teams with a global vision and an ambition to engage in transnational cooperation, thereby injecting new vitality into regional high-quality development.

Cultural exchange

- Compile cross-cultural management manuals to strengthen cultural identity and cross-cultural integration
- Organize open days, cross-cultural exchange workshops and language courses, and celebrate traditional festivals in host countries to promote cross-cultural integration
- Sponsor the National Ballet of China to perform in project countries to promote cultural exchanges

International operation

- Provide complete localization services for power plants, hire local business consulting service providers, and recruit and train local employees
- Encourage regional companies to develop market-based personnel selection and employment mechanisms, attract talents from different countries, and hire more professional managers to stimulate the vitality of the management
- Select outstanding technical experts and management personnel from the headquarters and send them to work on overseas projects to facilitate exchanges and progress in technology and management



Chinese and Brazilian specialists learn from each other

Strengthening the bond between employees from different countries through cross-cultural activities

China Three Gorges International Limited attaches great importance to cultural integration and cross-cultural management, and is committed to breaking cultural barriers and creating an open and inclusive workplace that allows Chinese and foreign employees to grow together with the company.

Built on mutual trust, we cooperate with the German management team to manage the operations and maintenance teams of WindMW based on key performance indicators, and have seen steady increase in both power generation and availability of the projects. We respect German culture and customs, reach out to local employees and learn German. Now we can speak German at regular meetings. By speaking their language and respecting each other, we have established trust with our German coworkers.

—Wan Ming, COO of WindMW

Now, employees from different cultural backgrounds are uniting like one big family. We are learning from friends from all over the world with an inclusive mindset. We participate in various activities together, learn each other's languages, and celebrate the Chinese New Year and Christmas. We stand together in tackling challenges posed by environmental pollution and climate change.

—Sebastian Schmidt, CEO of WindMW



Wan Ming, COO of WindMW



Sebastian Schmidt, CEO of WindMW

Employee Rights

China Three Gorges International Limited strictly abides by local laws and regulations, and respects and maintains international conventions on human and labor rights. We uphold the principles of equality and non-discrimination, reject any form of child labor and forced labor, follow the principle of equal pay for equal work, and provide strong protection for employees' rights and interests.

Compensation and benefits systems

Our regional companies have established scientific, rational incentive and restraint mechanisms, as well as differentiated remuneration mechanisms based on their actual situations. We provide employees with fair and competitive remunerations, and safeguard their right to equal pay for equal work. We pay social insurance and medical insurance in full and on time for employees in accordance with local laws and regulations, protect their rights to rest and statutory leaves, and provide employees with a variety of benefits on special holidays.



Occupational health

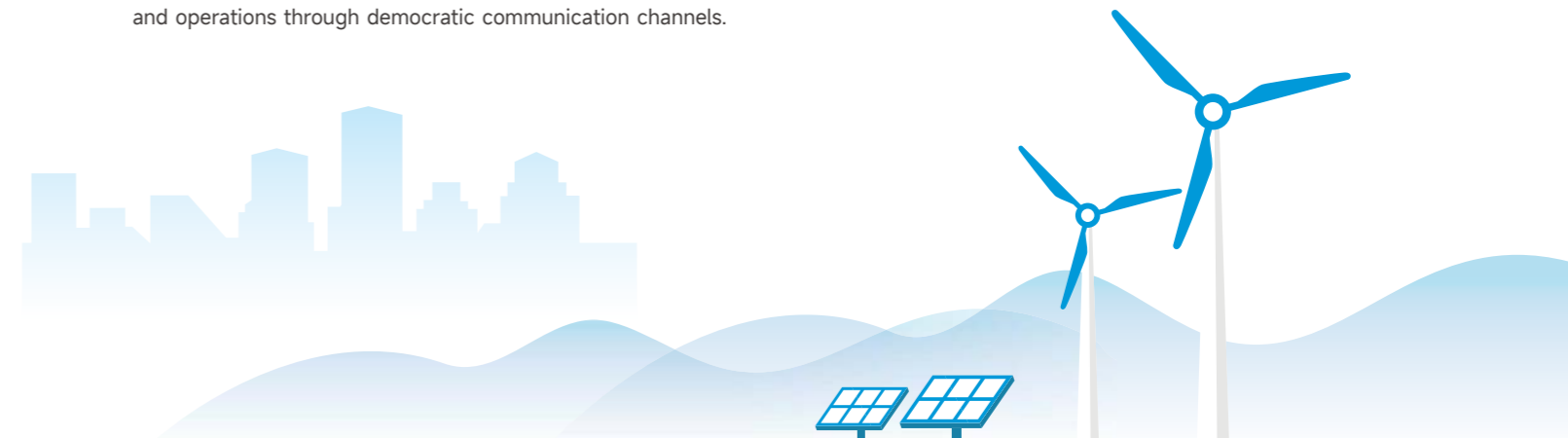


Raising employee safety awareness by organizing a safety knowledge contest

CSAIL values the life and safety of all employees, and continues to improve occupational safety management in line with the concept that “work happily and return home safely.” In order to eliminate violations of safety rules, popularize safety knowledge, and enhance employees’ safety awareness and skills, the company organized an online safety knowledge contest in which several teams competed in true-or-false questions, multiple-choice questions, picture identification, error corrections, etc.

Democratic communication and management

China Three Gorges International Limited respects the labor union’s rights to inspection, supervision, and coordination, and ensures employees’ rights to be informed and to participate. We respond to the reasonable expectations and needs of employees in accordance with the law, and encourage them to assume their leading role and make suggestions for the corporate development and operations through democratic communication channels.



Employee Development

Combining the actual situation of project development and employees' needs for career development, China Three Gorges International Limited has stepped up efforts to develop new models of employee training and broaden promotion channels. We provide employees with diversified and multi-level training programs covering professional skills, management capabilities, and competencies, to empower their sustainable growth.

4,708

Total training hours received by Chinese employees in 2021

412

Chinese employees who received training in 2021 in total

27.69

Average training hours per Chinese employee in 2021



We have formulated detailed promotion management regulations which include clear channels and requirements for promotions. We evaluate employees according to their competence, performance and occupational skills, strengthen the building of teams of Chinese and foreign employees, and expand career advancement space.

We formulate annual training plans and offer various training courses to comprehensively improve employees' professional skills and competencies.

CTG Brasil upgrades employee training plans

CTG Brasil puts people first in staff training. It has upgraded its employee training plans to cultivate high-performing employees whose abilities match their positions. Based on in-depth analysis, it identified positions and candidates that have a significant impact on its business development, and launched targeted training programs to improve the management's managerial and professional skills. The company has enhanced team communication and collaboration through job rotation and developed the employee lifecycle management model. Based on assessment of performance, competence, remuneration, initiative, and leadership skills, the company selects outstanding employees and forms a talent pool. It provides outstanding employees with opportunities of fair promotion, laying a foundation for efficient employee training.

Organizing driver safety training

CSAIL co-launched a defensive driving training program with the Islamabad Traffic Police for all its Pakistani drivers. Through detailed driving theory explanations, the program enabled local employees to get a better understanding of defensive driving skills, raised their safety awareness, and improved their driving skills. The training program further enhanced CSAIL's work safety and the safety of its employees.

Employee Care

China Three Gorges International Limited cares for front-line employees, and strives to create an inclusive workplace where every employee is respected. We organize various cultural and sports activities such as badminton games, birthday banquets, and social gatherings. Meanwhile, we offer special care for female employees and assistance to those in need. All this will enhance employees' sense of belonging, happiness, and security, and strengthen team cohesion.

Caring for female employees

China Three Gorges International Limited values women employees, respects their achievements and equality, and firmly believes that women have equal rights to work and career development as men. On the International Women's Day in 2021, CSAIL gave bouquets and greeting cards to every women employee, to show them the company's care and support.



CSAIL celebrates the International Women's Day.

CTG Europe mobilizes employees to get more active before the Beijing 2022

To welcome the upcoming Beijing 2022 Olympic Winter Games(Beijing 2022), CTG Europe called for staff to do more winter sports, which was warmly responded by Chinese and foreign employees alike. Many local employees spent their holidays or spare time brisk walking, jogging, skiing, etc., indoors or outdoors, to strengthen their body and strike a work-life balance.

Organizing a tug of war game for employees

The Karot Hydropower Project held an entertaining tug-of-war game for employees to promote the work-life balance, stimulate their enthusiasm for sports, and lay a foundation for cultivating good workout habits and the sportsmanship among employees. The game brought employees closer, enhanced team cohesion, and created a healthy and harmonious corporate culture.



A tug of war game organized by the Karot Hydropower Project team

Building Prosperous and Harmonious Communities Together

China Three Gorges International Limited actively follows the CTG's CSR philosophy that "great virtue is like water that nurtures the world" and strives to create a corporate culture of "integration with the local community for harmony." We actively engage in community development in host countries and regions by steadily advancing infrastructure construction, aiding the construction of hospitals and schools, stimulating entrepreneurship, increasing the income of locals and providing scholarships to outstanding students. We embody the vision of a community with a shared future for mankind with concrete actions and have rendered China Three Gorges International Limited a responsible corporate citizen in the world.



CSR Story

CTG-Portugal Scholarship Program promotes bilateral educational exchange

In 2016, CTG Europe set up the CTG-Portugal Scholarship Program, CTG's very first overseas scholarship program. As of 2021, it has sponsored more than ten Portuguese students to study postgraduate programs and conduct exchange activities in key universities in China, promoting bilateral communication and exchange through the cultural and educational bonds.



In 2021

25

CSR projects implemented in 2021
(including targeted poverty alleviation projects and projects of consumption-driven poverty alleviation)



Educational Support

China Three Gorges International Limited strives for improving the educational environment and educational quality in project areas. We actively donate to schools and students in need. The CTG -Pakistan Scholarship Program and the CTG-Portugal Scholarship Program are launched to help local children access inclusive and fair high-quality education.

CTG Brasil's Guri Program for Teenagers

CTG Brasil continues to sponsor the biggest Brazilian music education program for teenagers – Guri program in seven cities. The Guri program aims for enhancing the overall qualities of teenagers through music education to promote their development. It benefits over 1,000 students each year.



Representative of CTG is interviewing one of the recipients of the CTG-Portugal Scholarship Program

The CTG-Pakistan Scholarship Program contributing to international poverty alleviation through education

The CTG-Pakistan Scholarship Program is the first long-term full scholarship program funded and established by a Chinese enterprise to support residents who were relocated for the hydropower project in Pakistan. We hope to create a brighter future for youth, and build a talent pool of local staff at the same time. The program has been acclaimed highly by education authorities from both countries and received wide support from the public since its inception.

33

Students selected and awarded the scholarship in two batches to study and exchange in China and Pakistan



CTG-Pakistan Scholarship Program has been included into the second collection of Best Cases of Global Poverty Reduction



The awarding ceremony of CTG-Pakistan Scholarship

Community Engagement

China Three Gorges International Limited proactively identifies community development needs and introduces new community services to resolve difficulties facing local communities, integrate into it and promote two-way cultural exchange.

In Pakistan

We have established eight valley conservation committees and eight nature clubs in the schools around the project site to encourage local residents including students to participate in biodiversity conservation.

In Germany

We have launched the Bremerhaven Food Aid Center donation program, provided financial assistance to children and teenagers with disabilities and their families, and sponsored Bremer Engel to help seriously ill children and their families. We also actively support the “die LebensStadt” association in Zossen in providing elderly care, and sponsor local universities and Confucius Institutes to support local development plans and enhance cultural exchange.

In Brazil

We sponsor activities such as stage performance tours, city marathons, and chorus performances, and organized science popularization activities and tours at hydropower stations, the reading program, the equestrian therapy program, sustainability-themed lectures and seminars, charitable donations to slum children and staff volunteer activities, with an aim to enrich community life and better integrate with local community.

CTG Europe joins “Zero Child Poverty Country Alliance”

On April 1, 2022, CTG Europe joined “Zero Child Poverty Country Alliance,” and became its first Chinese enterprise member. CTG Europe will actively support the Alliance’s initiatives, advocate healthy lifestyles, narrow digital gap, promote social justice and the communication between East and West. It will also fulfill CSR responsibilities within the Alliance framework to help disadvantaged children and teenagers to access education and training opportunities, protect their rights, and reduce child poverty in Spain.



The signing ceremony to mark CTG Europe’s accession to the “Zero Child Poverty Country Alliance” held at the Spanish Prime Minister’s residence Moncloa Palace



The “H2O”tour sponsored by CTG Brasil



The exhibition of Bai Ming’s pottery works in Lisbon sponsored by CTG Europe

Support for Entrepreneurship and Income Generation

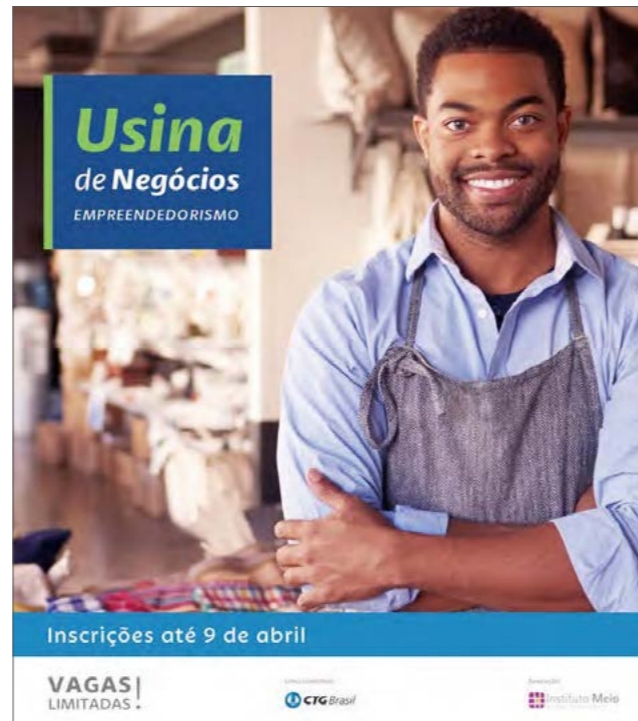
China Three Gorges International Limited continues to train locals on entrepreneurship and working skills, to improve their life, increase their income and contribute to local social and economic development.

In Pakistan

We provide financial literacy training to men and women to help them rationally spend the money they received as compensation for land requisition and increase their household income.

In Brazil

We have launched entrepreneurship programs and hired professional consultants to train micro and small entrepreneurs, small agricultural cooperatives, and individual farmers, so as to raise their income and development capabilities and facilitate the community transformation and sustainable development.



A poster of CTG Brasil's entrepreneurship program

Empowering local teenagers with training on employment skills

CTG Brasil has sponsored the São Paulo East District Training Program. The program provides free vocational training for teenagers aged 15 to 17, including courses on technology, secretarial and clerical skills, corporate management and digital communications, etc. It also provides them with interview opportunities to facilitate their employment and increase their income.

Community Contribution

China Three Gorges International Limited has vigorously given back to local communities through constructing infrastructure facilities, and improving medical and healthcare facilities for the convenience of local residents.

In Pakistan

We help local community rebuild pedestrian suspension bridge, and build public infrastructure facilities such as roads and parks. We also invest to build schools and clinics, contributing our share to the progress of the community.

In Greece

We donate to elderly homes and village clinics to provide better medical services and public welfare services for the local residents.

In Brazil

We provide assistance to local residents through infrastructure construction, decorating classrooms and renovating playgrounds, etc.

Easing the shortage of electricity and water supply

CSAIL noticed that one of its project sites was in shortage of electricity and water supply, causing inconvenience to local villagers. In response, it installed the split solar power supply system and LED lights and cooling fans, and also renovated the water supply system, thus greatly improving the living environment and making local life more convenient.



A water supply facility improved by CSAIL

"Free Clinic Day" brings healthcare service to the local community

The Medical and First Aid Station at Karot Project is open for free to residents around the project site. On the "Free Clinic Day", its professional medical team would visit nearby villages to provide free medical checkup, free medical consultation and donate medical equipment. Their assistance and healthcare services have enhanced the project's harmonious neighborhood relationship with local communities.



A doctor at the Medical and First Aid Station of Karot Project patiently performs medical consultation for villagers.



The Karot Project organizes "Free Clinic Day" at the Holla village.

Outlook

For over a decade, China Three Gorges International Limited has incorporated into its corporate development the CSR goal of shared growth and harmonious coexistence to forge ahead through hardships and difficulties. Committed to the principle of integrity, transparency, green development and harmony, we will integrate with local communities and take concrete actions together to build a community with a shared future for mankind. Standing at this new starting point, we will strive for the world's sustainable energy development and join hands with stakeholders for a cleaner, more beautiful, open and inclusive future.

Developing Clean Energy for the World

We will focus on the development of clean energy and explore new models for project development. We will strengthen international cooperation for creating a win-win industry chain, so as to inject inexhaustible driving forces into the building of a clean and beautiful world.

Contributing together with employees

We will make intensive efforts to promote localized management of our employees and emphasize the development of their core competitiveness. We will foster a professional and international team and strengthen their ability to work with colleagues in another area or team, thus contributing together to regional development.

Coexisting with Nature

We will stick to the green development path, prioritize ecological conservation, and track projects' environmental impact throughout the life cycle. We will continue to drive non-profit environmental endeavors with technology, safeguard the ecosystem, co-exist harmoniously with Nature and build an eco-environmentally friendly and livable green homeland.

Sharing Benefits with Local Communities

We will stay true to our original aspiration and fully respect local culture, traditions and religious beliefs through sincere communications and dialogues. We will actively resolve difficulties that arise in community development to achieve synergy between corporate development and community development, and share the comprehensive economic, social and environmental value.

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Key Performance

Economic

Value Creation

Indexes	2019	2020	2021
Total tax payment (RMB billion)	1.918	1.734	2.567
Revenue (RMB billion)	11.512	9.763	10.258
Revenue growth rate (%)	2.51%	-15.19%	5.07%
Net profit growth rate (%)	-21.67%	36.51%	55.07%
Return on net assets (%)	4.89%	6.69%	9.99%

Technological Innovation

Indexes	2019	2020	2021
Investment on technology R&D (RMB million)	530.7156	363.0925	209.0861
Scientific research achievements	55	62	82

Power Generation

Indexes	2019	2020	2021
Consolidated installed capacity in operation (GW)	8.3532	8.3614	9.7494
Proportion of electricity generated by clean energy (%)	100	100	100
Gross power generation (TWh)	32.357	31.581	26.444

Environmental

Indexes	2019	2020	2021
Total investment in environmental protection(RMB million)	46	67	34
Emission reduced through clean energy projects (10,000 tons of CO2 equivalent)	157.97	156.30	255.57
Emission reduced through clean energy projects (10,000 tons of standard coal equivalent)	28.43	26.91	62.33
Clean energy utilization rate	100%	100%	100%

Social

Employee Responsibility

Indexes	2019	2020	2021
Number of on-duty staff	1373	1420	1482
Localized employee rate	80%	81%	80%
Paid annual leave per employee (day)	9	9	9
Coverage of social insurance	100%	100%	100%
Labor contract coverage	100%	100%	100%
Occupational injury occurrence rate	0%	0%	0%
Proportion of female back to workplace after maternity leave	100%	100%	100%

Work Safety

Indexes	2019	2020	2021
Number of emergency plans	/	/	10
Number of emergency drills	/	/	22
Number of participants in safety training	285	356	407
Investment in work safety (RMB million)	27	36	59
Casualties	0	0	0
Number of major equipment accidents	0	0	0

Community Participation

Indexes	2019	2020	2021
Total donations (RMB million)	33.32	90.26	33.35

About This Report

Reporting period

This Report covers the period from January 1, 2021 to December 31, 2021 and also includes additional content and information that predates and postdates the stated reporting period.

Name description

China Three Gorges International Limited is referred to as “we” in the Report.

Reporting cycle

This is the first sustainability report issued by China Three Gorges International Limited and we will regularly issue our sustainability reports in the future.

Reference standards/documents

This Report is prepared in accordance with *ISO 26000: Guidance on Social Responsibility (2010)*, the *GRI Sustainability Reporting Standards (GRI Standards)* by the Global Sustainability Standards Board (GSSB), and the *Environmental, Social and Governance Reporting Guide* issued by The Stock Exchange of Hong Kong Ltd..

Reporting scope

China Three Gorges International Limited and its subsidiaries at all levels.

Data sources

The data cited in this report derives from official documents and statistics reports of China Three Gorges International Limited.

Reliability assurance

Information disclosed in this report is verified, reliable, and timely and is aligned with China Three Gorges International Limited’s sustainability strategy. The report addresses the major concerns of the stakeholders, and also summarizes China Three Gorges International Limited’s corporate social responsibility (CSR) performance.

Report access

This report is published in Chinese and English. Printed and electronic versions are both available. For hard copies, please email to ctgi_webmaster@ctg.com.cn. or call 852 36985300. For the electronic copy, please visit our website: www.ctgi.cn to download.

Feedback

This is the first annual sustainability report that China Three Gorges International Limited has published. We seek your feedback and suggestions to continuously enhance our sustainability efforts and CSR capabilities. Please complete the feedback form and return it to us.

Your information

Name: _____ Organization name: _____

Title: _____ Tel: _____ Email: _____

1. What is your overall comment on our sustainability report?

Very Good Good Average

2. What do you think of disclosing our significant impact on the economy, society, and environment in this report?

Excellent Very Good Good Average Poor

3. What do you think of the clarity, accuracy, and completeness of the information, data and indicators disclosed in this report?

Very Good Good Average Poor

4. Which aspect of this report are you most satisfied with?

5. What other information would you like to learn more about?

6. What other suggestions do you have for our future reports?



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