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2024 Sustainability and ESG Report

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CENTER INT GROUP CO.,LTD.

To create a better working and living environment for human society

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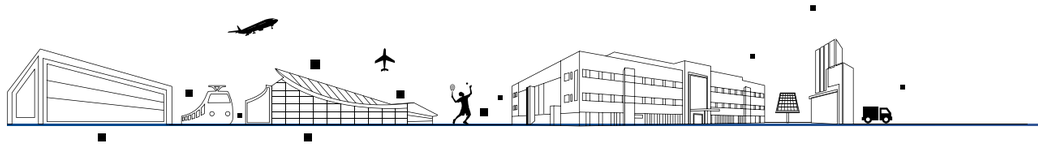


Introduction

About This Report

Introduction of the Report

This report is the second Sustainability and Environmental, Social, and Governance (ESG) Report released by CENTER International Group Co., Ltd. since 2023. It is issued annually, in alignment with the fiscal year. This report provides a comprehensive overview of CENTER INT's management, practice, and performance in areas such as environmental protection, social contribution, and corporate governance for 2024. Its purpose is to communicate the Company's operations to investors and other stakeholders, helping them gain a deeper understanding of the Company.

Source of Data

The information and data disclosed in this report are drawn from statistical data, internal documents, and public reports issued by CENTER INT. All financial data presented in the report are denominated in RMB. In the event of any discrepancies between the financial data in this report and the Company's annual financial report, the latter shall take precedence. The Company affirms that this report contains no false records, misleading statements, or significant omissions, and we take responsibility for the authenticity, accuracy, and completeness of the content. This annual report has been reviewed and approved by the Board of Directors.

Criteria of the Report

This report adheres to the "Social Responsibility" section of the "Self-Regulatory Guidelines No. 1 for Companies Listed on the Shanghai Stock Exchange—Standardized Operation", the "Guidelines for Environmental Information Disclosure of Companies Listed on the Shanghai Stock Exchange", and other relevant standards. It is based on the Company's background and highlights its corporate characteristics. Additionally, it references the following documents:

- Self-Regulatory Guidelines No. 14 for Companies Listed on the Shanghai Stock Exchange—Sustainability Report (Trial)
- Global Reporting Initiative (GRI) standards
- Sustainability Accounting Standards Board (SASB) standards, and the ISSB IFRS S2 Climate-related Disclosures (IFRS S2)

Access to the Report

You can download the Chinese and English versions of this report from the official CENTER INT website (https://www.centerint.com). In the case of any discrepancies between the English and Chinese reports, the Chinese version shall prevail.

Appellation of the Company

For clarity and ease of reading, this report uses the terms "CENTER INT", "Company", and "We" to refer to "CENTER International Group Co., Ltd.". The term "CENTER Environmental" refers to "CENTER Environmental Protection Technology Co., Ltd.", a subsidiary of CENTER INT. The term "GuangZhou Industrial Holding" denotes GuangZhou Industrial Holding Environmental Protection Technology Co., Ltd., another subsidiary of CENTER INT.

Reporting Scope

This report encompasses the entirety of CENTER International Group Co., Ltd., including the group headquarters and all wholly-owned and controlled subsidiaries.

Chairman's Statement

In an era marked by the intertwined challenges of the climate crisis and the energy revolution, Building Integrated Photovoltaics (BIPV) has evolved from a cutting-edge technology to a crucial component within the green energy ecosystem. In 2024, extreme weather events occurred frequently worldwide, shattering historical records, while the energy market experienced significant fluctuations. We have come to recognize that promoting a green transition through innovation and establishing a solid sustainability foundation rooted in responsibility is essential for proactively seizing opportunities in this rapidly changing era.

In 2024, our BIPV business achieved remarkable growth, with the annual PV contracts increasing by 27% year-on-year, marking a complete transition into the new energy fields. As a global leader in BIPV, we have consistently embraced our corporate mission "to create a better working and living environment for human society", integrating sustainability and ESG principles deeply into our corporate strategy.

From Low Carbon to Zero Carbon: A New Era of Building Energy Revolution

Buildings should not only serve as energy consumers but also as energy producers and ecological regulators. We leverage technological advancements as our core driver and focus on application in industry scenarios to reshape the building energy landscape:

Technology Leadership: In 2024, our BIPV product series was equipped with LONGi HPBC 2.0 technology, enhancing performance and expanding application scenarios. Additionally, our self-developed iroof® Smart Roof Health Management System was upgraded to version 2.0. Our BIPV system solutions continued to set up the industry leader status for power generation efficiency and safety performance.

Practice in Carbon Reduction: In 2024, we were recognized as a national green factory and a green factory enterprise in Beijing. This achievement underscores CENTER INT's commitment to a path of green and low-carbon development. During the year, we signed contracts for major BIPV projects, including the Mercedes-Benz Automobile Factory, Dongfeng (Shiyan) Commercial Vehicle Factory, Ningbo Tuopu Automobile Factory, and Tianjin Rockcheck Iron & Steel Plant. We successfully finished the grid connection and delivered several significant BIPV projects, such as Quzhou Geely Jidian, Zoomlion Heavy Industry Science & Technology, and JD Logistics. These projects not only support their owners in achieving carbon neutrality goals but also foster collaboration with customers to develop a new low-carbon ecological framework for social development.

Opening Up a New Green Path: In 2025, CENTER INT will prioritize the zero-carbon park construction and the development of integrated smart energy business. We aim to create strategic synergies with our BIPV operations, provide solutions for industrial and commercial customers across all scenarios, reshape the energy system for buildings in industrial parks , and usher in a new era of zero-carbon smart energy.

Fulfilling Our Social Responsibility with Technology for Social Good

We are committed to promoting the sustainable development philosophy. We will continuously optimize our ESG management system, empowering green building innovation through leading BIPV solutions to assist each customer in reducing carbon emissions. Leveraging smart solutions for ecological environment governance, we will remain true to our green commitment to ensuring "clean land brings a peace of mind" while promoting the development of ecological civilization within environmental governance. Guided by our business philosophy of "win-win results for all parties, charity and altruism", we will create a community of shared values with our customers and suppliers suppliers externally. Internally, we will cultivate a "Big Family, Great School, Grand Stage" —transforming the Company into a warm family for our employees, a knowledge school for growth and development, and a vibrant stage for showcasing their talents. The Company has designated 2025 as the "year for building performance capacity". We will prioritize employee growth and continuously empower our team with comprehensive training programs. Concurrently, we will establish a scientific assessment mechanism to motivate all employees to strive for excellence.

We understand that a true leader is not simply riding the waves, but actively guiding the future. Let us collaborate with more partners, exploring with reverence and creating with a spirit of mutual benefit, as we collectively craft the inspiring narrative of the carbon peaking and carbon neutrality era!

Liu Aisen

Chairman of CENTER International Group Co., Ltd.

About CENTER

About US

Company Profile

CENTER International Group Co., Ltd. was founded in 2001 with a registered capital of RMB 539 million. With more than 1,600 employees and 26 branches across China, the Company focuses on three primary areas: building metal cladding, ecological governance, and building integrated photovoltaics (BIPV). We are the first specialized company in China's building metal cladding industry to be listed on the main board of the stock exchange. CENTER INT adheres to its core values of Integrity, Dedication, Care, and Innovation, striving to build a professional, efficient, and high-quality team. The Company aims to become a reputable enterprise recognized for conducting sustainable operation and earning respect within the community.

In March 2021, CENTER INT partnered with LONGi to facilitate a deep integration and transformation into a new energy enterprise, with LONGi becoming CENTER INT's second-largest shareholder. In April 2022, CENTER INT acquired 100% equity of LONGi Green Energy Photovoltaic Engineering Co., Ltd., establishing LONGi & CENTER New Energy Co., Ltd. Guided by the "LONGi & CENTER" dual-brand strategy, the Company seeks to create the world's leading BIPV brand.

Honors and Awards

CENTER INT has been designated as a National High-tech Enterprise, Beijing Enterprise Technology Center, Beijing Design Creative Center, and Mechanical Industry Engineering Research Center. We have also been ranked among the Beijing Top 100 Private Enterprises and recognized as a Beijing specialized and innovative SME and national specialized and innovative "Little Giant" enterprise. In 2021, the Company was selected as one of the first batch of Beijing "Hidden Champion" enterprises and received the "Hidden Champion" title again in 2024. Additionally, CENTER INT has successfully completed numerous high-quality projects, receiving 32 "Lu Ban Awards" (construction projects participated in) and 27 Engineering Technology Awards ("Jin Yu Awards").

Strategic Deployment and Development

Participated in the construction of Wukesong Olympic Stadium, marking our entry into the field of public buildings

2008

Successfully listed on the main board of the Shanghai Stock Exchange, completing the listing process

2016

Implemented the Shougang Soil Remediation Project, thereby expanding our environmental protection business segment

2017

Partnered with LONGi to expand the BIPV market

2021

Explored new areas such as integrated smart energy

2025

Development History

2001

CENTER International Group Co., Ltd. was established in the Beijing Economic-Technological Development Area. That same year, the Company undertook the construction of Nokia Yizhuang Park, marking the implementation of the group's first industrial project;

2003

CENTER undertook the Dongfeng Peugeot Citroen Automobile Project, entering the field of automobile manufacturing;

2005

CENTER established its first subsidiary, Lanzhou Shixing, thereby initiating a group operating model;

2006

CENTER independently developed the first domestic glass fiber wool/rock wool composite board production line, filling a gap in the domestic market;
In the same year, it was awarded the title of "2006 Beijing Construction Industry Honest Enterprise";

2007

CENTER entered the machinery manufacturing, metallurgy, chemical, pharmaceutical, logistics, and electric power sectors, further expanding its footprint in the building industry;

2008

CENTER participated in the construction of the Olympic Games venue, Wukesong Stadium, pioneering a dual-field development model in both public buildings and industrial buildings;

2009

CENTER contributed to the construction of Beijing North Railway Station, playing a key role in the "national high-speed rail construction campaign" and further enhancing its market presence in the public building sector;
In the same year, it was recognized as a "Beijing High-Tech Enterprise" for the first time;

2010

The Environmental Protection Division was established to venture into the field of noise treatment;
It independently developed the first production line for metal curtain wall panels;
The group's CSS5 panel type has successfully passed the USA FM certification, further enhancing its market competitiveness;

2012

CENTER transitioned into a stockholding entity and established a modern enterprise paradigm;
It undertook the Shenyang Taoxian Airport Terminal Project, entering a new segment of airport construction;
It was awarded the title of "National High-Tech Enterprise";

2013

CENTER received several accolades, including the annual "No. 1 in the Building Metal Roof (Wall) Industry", the "Beijing Enterprise Technology Center", and the "Grade A Tax Credit Enterprise";

2014

CENTER undertook the construction of the Zhuji–Yongjia Expressway and successfully completed and delivered its first fully enclosed sound barrier, which was developed independently;

2015

CENTER received certification for "Class I qualification for general contracting of construction projects" and "Top-grade qualification for engineering design and construction";

2016

CENTER was listed on the main board of the Shanghai Stock Exchange, signifying the beginning of a new development era for the group;
The group's production base was officially completed, marking a significant milestone in the development of the production model;
The International Division was established to formally expand into overseas markets;

2017

CENTER undertook the construction of Beijing Daxing International Airport, marking a new beginning in the field of public buildings;
It undertook the construction of the pollution control project for the coking plant (green axis) plot in Shougang Park;
The in-situ thermal desorption technology was applied on a large scale for the first time across China;
It launched the group's dual main business mode;

2018

CENTER exclusively undertook the Chengdu Tianfu International Airport project with the largest contract amount in the industry;
Beautiful China Ecological Environment Technology Co., Ltd. was established to explore new opportunities in mine restoration and geological disaster prevention;

2019

The convertible bonds of CENTER International Group Co., Ltd. were issued to expand financing channels;
The General CPC Branch Committee of CENTER International Group Co., Ltd. was established;
The Postdoctoral Research Workstation of CENTER INT was approved for establishment, marking a new stage of integration among governments, enterprises, academia, and research institutes.
The Company received several accolades, including the "Technological Innovation Enterprise", "Beijing Top 100 Private Enterprises", and the 2018 "Productivity Promotion Award (Innovation and Development)";

2020

CENTER Soil Remediation Research Institute (Shenzhen) Co., Ltd. and Guangzhou Industrial Holding Environmental Protection Technology Co., Ltd. were established;
CENTER hosted the 7th National Metal Cladding System Industry Conference;
CENTER was awarded the title of "2020 Beijing Top 100 Private Enterprises" and was listed among the first batch of 2020 specialized and innovative"Little Giant" enterprises in Beijing;

2021

LONGi invested in the Company, becoming its second-largest shareholder, and the two brands have joined forces to embark on a new chapter;
CENTER Environmental Protection Technology Co., Ltd. was established;
The Company was selected as one of the first batch of "Hidden Champion" enterprises in Beijing;

2022

CENTER wholly acquired LONGi Green Energy Photovoltaic Engineering Co., Ltd.;
CENTER has participated in the building of the State Key Laboratory of BIPV and the Technology Research Center;

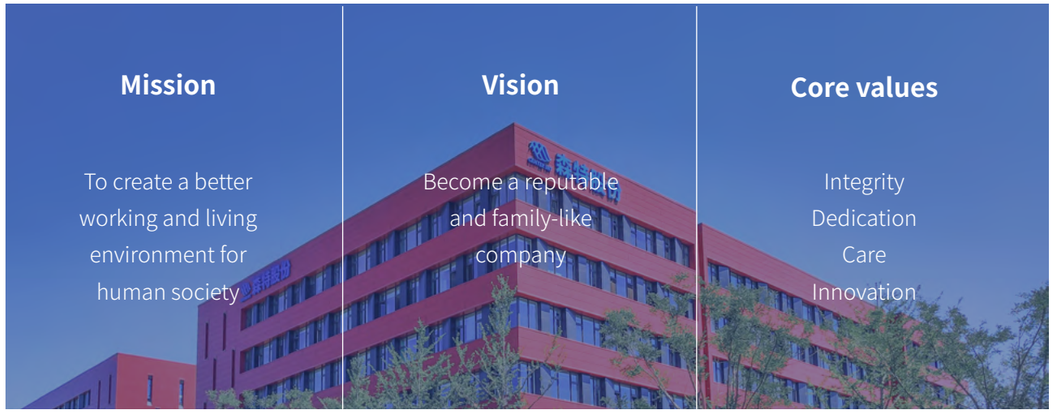
2023

BIPV product —LONGi Roof 4.0 was launched;
The Company hosted the most influential 2023 Soil Remediation Industry Conference in China;
It ranked among the top 100 manufacturing enterprises in Beijing in 2023;

2024

The iroof® Smart Roof Health Management System Version 2.0, independently developed by CENTER, was officially launched with great fanfare;
The Company was selected as one of the national green factories and Beijing green factories.

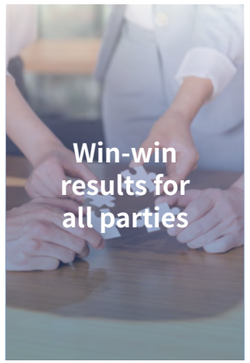
Corporate Culture



Working Policy

Loyalty | Fulfillment | High-efficiency | Collaboration

Business Philosophy



Qualifications and Honors

Main Qualifications

Class I Qualification for General Contracting of Construction Project (Main Steel Structure Project)

Class I Qualification for Specialized Contracting of Environmental Protection Works
Class II Qualification for General Contracting of Construction of Electric Power Project

Class A Qualification for Specialized Light Steel Structure Engineering Design

Top-Grade Qualification for Metal Roof (Wall) Design and Construction

Main Honors

National Specialized and Innovative "Little Giant" Enterprise

National High-tech Enterprise

Beijing "Hidden Champion" Enterprise

Beijing Design Creative Center

Beijing Specialized and Innovative SME

Beijing Top 100 Enterprises with Advanced and Sophisticated Technology

Excellent Enterprise in the Building Metal Roof (Wall) Industry

Gold Award of "Building Waterproof Industry Science and Technology Award-Engineering Technology"

Main Business

CENTER INT's main business encompasses three major areas: building metal cladding, ecological governance, and building integrated photovoltaics (BIPV). In the field of metal cladding systems, the Company is the first professional company in China to be listed on the main board, providing solutions for metal cladding system. In the areas of soil and groundwater remediation and noise treatment, the Company has evolved into an industry leader and has undertaken several representative ecological governance projects. Additionally, in the field of building photovoltaics, CENTER INT and LONGi have joined forces to establish the world's first BIPV brand.

Building Metal Cladding

CENTER INT consistently addresses the needs of urban development in China. The Company has been deeply involved in the field of building metal cladding for over 20 years. From professional consulting, technological research and development, and engineering design to material processing, construction, and installation of metal cladding systems, CENTER INT offers integrated solutions for high-end metal cladding used in industrial and public buildings. With exceptional expertise, scientific corporate management, extensive industry experience, and a dedicated management team, CENTER INT is committed to innovation and wholeheartedly provides customers with perfect, rapid, high-quality, and efficient services. The Company has successfully completed over 3,000 projects, encompassing a total building area of 200 million square meters. These projects cover public buildings, such as airports, railway stations, convention and exhibition centers, commercial exhibition halls, and cultural and sports venues, as well as industrial buildings in sectors like aerospace, automotive, electronics, electrical appliances, logistics, machinery, electricity, chemical, and metallurgy. We have received numerous industry accolades, including the "Lu Ban Award" and the "Jinyu Award".

Ecological governance

Soil and Groundwater Remediation

We remain committed to ensuring "pollution-free and safe land" by providing customers with comprehensive solutions throughout the entire process of risk control and remediation of contaminated soil and groundwater. Our approach is centered on digital, intelligent, green, and low-carbon products and complete sets of equipment, creating a service system that integrates investigation, consulting, monitoring, planning, and engineering. In the field of soil and groundwater remediation services, CENTER Environmental has achieved notable recognition, winning two first prizes of the Science and Technology Progress Award from the All-China Environment Federation, as well as the second prize of the Environmental Technology Progress Award from the China Association of Environmental Protection Industry, the second prize of the Environmental Protection Science and Technology Award from the Chinese Society for Environmental Sciences, the second prize of the Science and Technology Progress Award from the China Instrument Manufacturer Association, and the second prize from the China Association of Innovations. Additionally, we have been selected multiple times for the "List of Practical Technical Equipment and Demonstration Projects for Ecological Environment Protection". Notably, we are the only enterprise selected in the soil pollution remediation application category for the " Catalogue of Major Environmental Protection Technologies and Equipment Encouraged by the State (2023 Edition)" and the only enterprise recognized in both the application and promotion categories.

In 2024, CENTER INT, along with its subsidiary environmental protection companies CENTER Environmental and Guangzhou Industrial Holding, passed the environmental service certification for "Soil Pollution Risk Control and Remediation Services for Construction Land" by the China Association of Environmental Protection Industry. This achievement makes them the first private enterprise in China to attain this certification.

Center INT - Certificate of Environmental Service (Grade I)

Center Environmental - Certificate of Environmental Service (Grade I)

Guangzhou Industrial Holding - Certificate of Environmental Service (Grade II)

Noise Treatment

In the field of noise treatment, CENTER Environmental began with a focus on transportation sound treatment, introducing an internationally leading high-speed railway sound barrier technology system. Through years of high-quality development, it has emerged as a leader in China's high-end noise barrier industry. The Company possesses the capability to independently implement large-scale steel structure, cladding system, and sound barrier works, accumulating extensive experience in design, production, and construction. We have completed numerous iconic projects across the four major transportation sectors: railway, urban rail, municipal road, and expressway, establishing a strong brand image in the field of high-end noise treatment.

Building Integrated Photovoltaic (BIPV)

CENTER INT is committed to becoming a global leader in BIPV system solutions. In March 2021, CENTER INT and LONGi formed a strategic alliance to embark on the path of new energy transition, jointly pioneering the BIPV field and striving to establish the world's leading BIPV brand. CENTER INT continued to explore new application scenarios and markets for BIPV, advancing product R&D and upgrades. In collaboration with LONGi, we have launched the LONGi Roof 1.0-4.0 BIPV series, contributing to building energy conservation and carbon emission reduction and supporting the national carbon peaking and carbon neutrality strategy. CENTER INT consistently promoted the multi-scenario R&D and application of BIPV, accelerating the implementation of BIPV solutions across various industries.

Leveraging their respective strengths in building metal cladding and photovoltaics, CENTER INT and LONGi have jointly developed a smart monitoring, operation and maintenance system for roof and photovoltaic. This system integrates roof monitoring with photovoltaic operation and maintenance, enabling customers to achieve safe, stable, and reliable revenue over 25 years.

Sustainable Development Management

Rooted in its corporate culture, CENTER INT has adhered to the sustainable development philosophy by continuously enhancing its sustainable development management structure. The Company has strengthened corporate governance, maintained open engagement with all stakeholders, actively addressed their concerns, and collaborated with stakeholders to achieve shared success.

Sustainable Development Philosophy of CENTER

CENTER INT has consistently embraced its corporate mission "to create a better working and living environment for human society" as the core of its operations, deeply integrating the sustainable development philosophy into strategic planning and daily activities.

In 2024, the Company further enhanced its business philosophy of "technology leadership, win-win results for all parties, charity and altruism, adherence to principles and pragmatism", while promoting sustainable development through three dimensions: green and low carbon initiatives, social responsibility, and governance efficiency.

Technology Leadership

Always maintain the leading position of technology in the industry, CENTER strives to create differentiated product competitive advantages, to achieve the strategy of "leading one generation, R&D one generation, and reserving one generation". CENTER keep strengthening quality management to provide customers with high-quality products and service assurance.

Technology Innovation

Through continuous R&D innovations, CENTER offers industry-leading products and solutions in multi-application scenario to our customers.

Quality Assurance

Practicing quality management responsibility, CENTER has established a comprehensive quality management system. Adhere to the 25-year warranty commitment for BIPV business, CENTER ensures quality assurance through first-class"product quality, engineering quality, intelligent systems and maintenance services."

Win-Win Results for All Parties

CENTER practices corporate social responsibility, focusing on the interests of multiple parties and realizes the enterprise's own interests while achieving a win-win situation with other stakeholders (such as suppliers, customers, partners, etc.), including the harmonious coexistence with the ecological environment.

Green Environment Harmonious Coexistence

CENTER commits to green and low-carbon development, respond to climate change risks, and promotes energy-saving and carbon reduction, resource-conserving, and pollution-reducing practices throughout the whole business chains, achieving harmonious coexistence with the environment.

Win-Win Cooperation with Stakeholders

Co-prosperous development with customers.

Cooperate and win-win with business partners.

Supply chain compliance management, supplier communication and empowerment, and win-win cooperation with suppliers.

Charity and Altruism

CENTER encourages a compassionate heart, transpositional consideration, cares about stakeholder development, and aligns with their sustainable development philosophies.

CENTER encourages practicing social responsibility. Internally, CENTER promotes mutual development with employees and provides them with welfare; and externally actively participates in community development and contributes to community development.

Employee Welfare

Providing welfare for employees, supporting their development, ensuring their occupational health and safety, and building co-prosperity with employees.

Cultivate a "Big Family, Great School, Grand Stage" transforming the Company into a warm family for our employees, a knowledge school for growth and development, and a vibrant stage for showcasing their talents.

Community Development

Practicing corporate responsibility, CENTER offers charitable services to communities and schools, promoting community development and sharing prosperity with the community.

Adherence to Principles and Pragmatism

CENTER adhering to righteousness, practicality, and realism. CENTER creates real value for customers, establishes a good reputation in the industry, and ensures maintaining long-term sustainable growth.

CENTER enforces standardized and compliant operations, adheres to business ethics, and establishes a good public image as a listed company.

Compliant Operation

Improve the corporate governance mechanism, enhance communication with all stakeholders, and fulfill the responsibilities of a listed company.

Standardize the internal operations, enhance the risk management system, and ensure the company compliant operation.

Adherence to Business Ethics

Insist on fairness and justice, continue to promote anti-corruption, strengthen privacy and information protection, and maintain a positive public image.

Commit to honest, integrity, and down-to-earth attitude in business practices.

ESG Governance

CENTER INT strictly adhered to the relevant requirements outlined in the "Measures for the Administration of InformationDisclosure by Listed Companies", the "Code of Corporate Governance for Listed Companies", the "Guidelines for Environmental Information Disclosure of Companies Listed on the Shanghai Stock Exchange", and the "Self-Regulatory Guidelines No. 1 for Companies Listed on the Shanghai Stock Exchange—Standardized Operation". This commitment allows us to continuously optimize sustainable development and system construction while strengthening the Company's ESG governance capabilities.

CENTER INT continuously enhanced its ESG governance structure by formulating sustainable development plans and conducting regular assessments. This ensures that its ESG management efforts are always aligned with its sustainable development goals and principles.

ESG Governance Structure

The Company has established a three-tier ESG governance structure encompassing governance, management, and execution, with the Board of Directors serving as the highest decision-making body, providing overall leadership and oversight. Under the Board, a Strategy Committee has been established to supervise and deliberate the Company's ESG-related matters.

The Strategy Committee convenes at least annually to discuss ESG-related matters with the Board of Directors. The Sustainability Management Leading Group serves as the management body for the Company's sustainability efforts, with the Strategic Planning Department leading ESG strategy formulation and related work. The ESG Implementation Group is responsible for promoting the full implementation of ESG work.

CENTER INT's ESG Governance Structure and Responsibilities at Each Tier

Board of Directors (Strategy Committee)	Sustainability Management Leading Team	Sustainable Development Office	ESG Task Force
Members of the Board. Comprehensively leading and supervising the Company's sustainable development work, approving and supervising the formulation and implementation of the Company's ESG strategy, ESG plans, and ESG policies; Reviewing the Company's material ESG issues and the achievement of ESG goals.	Company Executives. Responsible for reviewing the Company's ESG development strategy and ESG work plan; Promoting the relevant ESG work; Deliberating the achievement of ESG goals and ESG disclosure reports, etc.	Strategic Planning Department. Establishing the Company's sustainability and ESG management systems; Formulating the Company's sustainability strategic goals and plans; Coordinating relevant departments to carry out ESG work.	Points of contact of ESG task in the headquarters and subsidiaries. Promptly identifying climate change and ESG-related risks; Focusing on the ESG goals for which they are responsible, implementing these goals in accordance with the Company's ESG policies, and promoting their achievement; Cooperating with the Sustainable Development Office to complete ESG information disclosure and other related work.

Stakeholder Engagement

CENTER INT deeply recognizes the importance of stakeholder opinions for ESG initiatives. We continue to expand various engagement channels, combining online and offline engagement methods to establish engagement mechanisms with various stakeholders. This enables us to listen to their expectations and demands, which serve as the foundation for formulating the Company's long-term sustainable development plans.

Stakeholders	Main expectations		Engagement channels	
Governmental and regulatory agencies	· Compliant operation · Environmental protection	· Paying taxes according to law · Promoting employment	· Visits · Information disclosure	· Special reports · Supervision and inspection
Shareholders and investors	· Corporate governance · Financial performance	· Return on investment · True and accurate information disclosure	· Regular reports · General Meeting of Shareholders	· Media engagement · Official website
Customers	· Safety and quality responsibility · Product innovation	· Protecting customer interests · Improving customer satisfaction	· Website and social media interactions · Customer hotline	· Customer interviews · Customer satisfaction surveys
Suppliers and partners	· Supply chain management · Equal opportunities and transparency	· Labor management · Supplier empowerment and cooperation	· Site visits · Daily engagement	· Online/offline supplier conferences · Supplier assessment/audit
Media	· Information transparency · Social responsibility	· Smooth engagement · Compliant operation	· News coverage · Media exchange meetings	· Offline experience activities · Management interviews
Staff	· Occupational health and safety · Employee rights and interests	· Employee training and growth · Employee diversity and equality	· Internal office system · Online and offline engagement meetings	· Online and offline training · Labor union
Community and the public	· Environmental protection responsibility · Community improvement and responsibility	· Resource usage and occupation · Safety	· Community activities · Volunteer services	· Charitable donation

Materiality Assessment

Process to Determine Material Topics

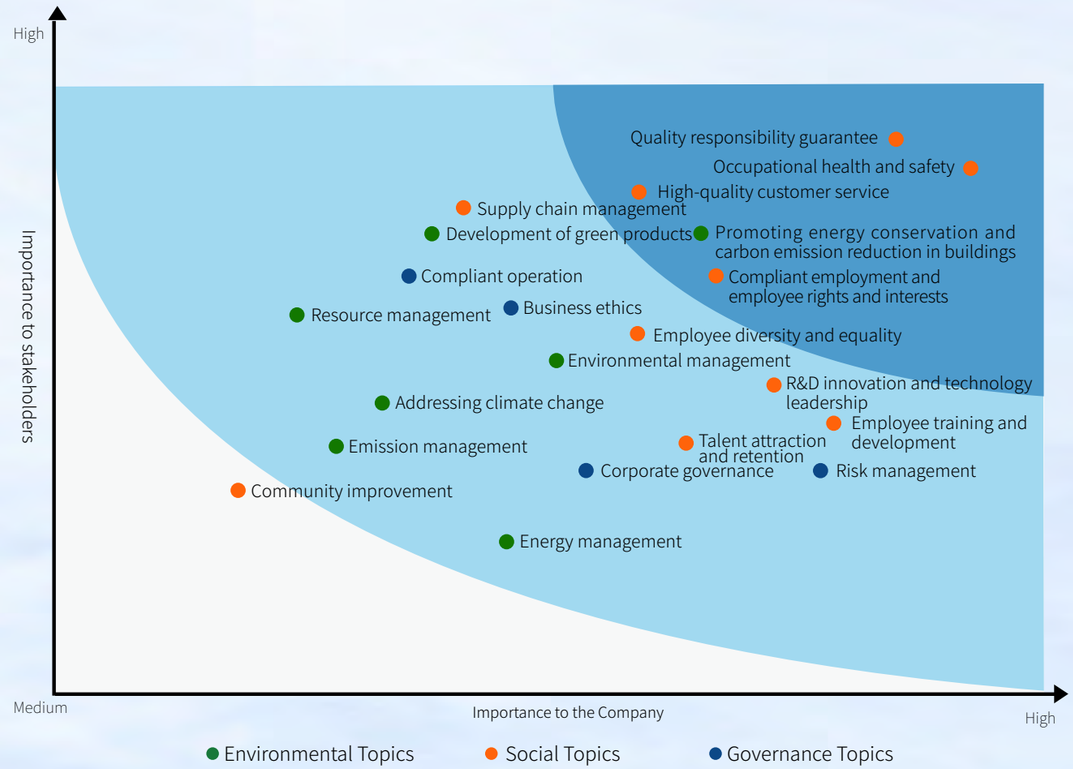
The assessment of materiality topics is linked to the Company's comprehensive analysis of potential risks and opportunities, which is vital for sustainable development. CENTER INT has always placed great importance on assessing materiality topics. In accordance with the relevant GRI standards and considering the group's development strategy, industry characteristics, and stakeholder feedback and expectations, we have identified and summarized the Company's materiality topics related to sustainability and ESG. Additionally, through peer benchmarking, expert consultations, and management interviews, we analyzed and ranked the importance of the topics, creating a matrix of materiality topics for the Company.

1. Questionnaire surveys, special interviews, industry benchmarking, and market analysis
   Topic Identification
2. Engagement and interviews with internal departments, expert consultations, and summary and analysis of stakeholder feedback
   Topic Analysis and Assessment
3. Feedback summary and analysis, comprehensive assessment, and report to the management
   Determination of Material Topics

Material Topic List

Category	Topic Names
Environmental Topics	Addressing climate change, Environmental management, Energy management, Resource management, Development of green products, Emission management, Promoting energy conservation and carbon emission reduction in buildings
Social Topics	R&D innovation and technology leadership, Occupational health and safety, Quality responsibility guarantee, High-quality customer service, Compliant employment and employee rights and interests, Talent attraction and retention, Employee diversity and equality, Employee training and development, Community improvement, Supply chain management
Governance Topics	Corporate governance, Business ethics, Compliant operation, Risk management

ESG Materiality Matrix



(Note: Different colors represent the degrees of importance of the topics; darker colors indicate more important topics)

Feature: 25 Years of Warranty for BIPV

In the context of the booming building integrated photovoltaics (BIPV) industry, the quality assurance of BIPV products has become a key issue for its development. With a strong commitment to customer responsibility, CENTER INT and LONGi jointly announced on April 25, 2023, that they would provide a 25-year warranty for BIPV products. This sets a precedent for the first joint 25-year warranty for both buildings and photovoltaics in the BIPV industry, offering customers a source of reassurance.

This initiative aims to enhance customer satisfaction across all aspects, establish a benchmark for the BIPV industry with excellent quality, inject momentum into its high-quality and sustainable development, and elevate the BIPV industry to new heights.

Chairman Liu Aisen officially announces the commitment to a 25-year warranty during the LONGi Roof 3.0 launch event on April 25, 2023.

Commitment and Protection for 25 Years

CENTER INT adheres to a "long-termism" business philosophy. Our BIPV solutions represent more than a simple delivery; they provide a guarantee of safe, stable, and reliable returns for customers over 25 years. Based on the smart monitoring, operation and maintenance system for roof and photovoltaic, our BIPV solutions offer continuous operation and maintenance services throughout their 25-year lifecycle. The long-term quality assurance of building roofs underpins the safety and stability of BIPV products and reflects CENTER INT's differentiated competitive advantage.

Exceptional product performance supports our 25-year confidence

Provide customers with a guarantee of safe, stable, and reliable returns for 25 years

Leakage-proof

- A robust waterproof node system
- Truly watertight

Typhoon resistance

- Ultra-strong wind resistance of 11.2 KPa
- Capable of withstanding typhoon with wind force of 17 on the Beaufort scale

Anticorrosion

- Buildings that match the service life of the PV system
- Quality assurance for steel roof plates

Anti attenuation

- Lower power attenuation at the end of the 25th year

Fire-proof

- No hot spots, high-temperature protection; self-cooling for enhanced safety
- The system has a fire protection rating of A

CENTER Smart Cloud Center

The Significance of the 25-Year Warranty to Stakeholders and Industry Development

Significance to Customers

Always guided by customer needs, we strive to create a safety shield for our customers throughout the project's lifecycle. Our solemn commitment to a 25-year warranty has dispelled customer concerns, comprehensively eliminating the risks that the project may pose in the future. This initiative improves customer satisfaction from the outset and fosters a risk-sharing, close cooperation, and win-win partnership with our customers.

Additionally, for the operation and maintenance phase of BIPV projects, we address the issue of unclear definitions of responsibilities for the operation and maintenance of building roofs and photovoltaic power stations, fundamentally eradicating the disputes over operation and maintenance responsibilities.

Significance to project investors

While considering project returns, BIPV project investors often prioritize the safe and reliable operation of the projects. Our clear warranty contract terms ensure the stability of project returns over 25 years and reduce the risk estimation period for investors when evaluating projects. This simplification of commercial terms and conditions that investors need to consider enhances the efficiency of investment decision-making and facilitates the rapid and large-scale implementation of projects.

Significance to Design Institutes

Focusing on the actual needs of design institutes, we provide high-quality building materials with a lifetime warranty. This enables design institutes to create more reliable, advanced, and systematic BIPV product solutions, define new high-standard design specifications, and effectively address their design requirements.

Significance to Industry Development

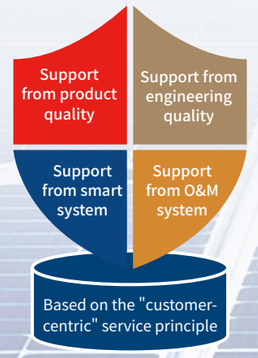
The 25-year warranty has bridged the gap between buildings and photovoltaics in traditional models, decisively eliminating pseudo BIPV products in the industry.

Committed to the ultimate pursuit of quality, we set strict standards for every material and component of our products. During the project construction process, we also implement high standards and stringent requirements to ensure quality control. Furthermore, we fulfill our corporate responsibilities by enhancing internal awareness of high-standard quality management and promoting quality control among our upstream supply partners.

We have established a quality benchmark for industry leaders and created new standards for industry service models. CENTER INT has clearly and unambiguously conveyed its confidence in product quality and its commitment to responsibility in the market.

Confidence Behind the 25-Year Warranty

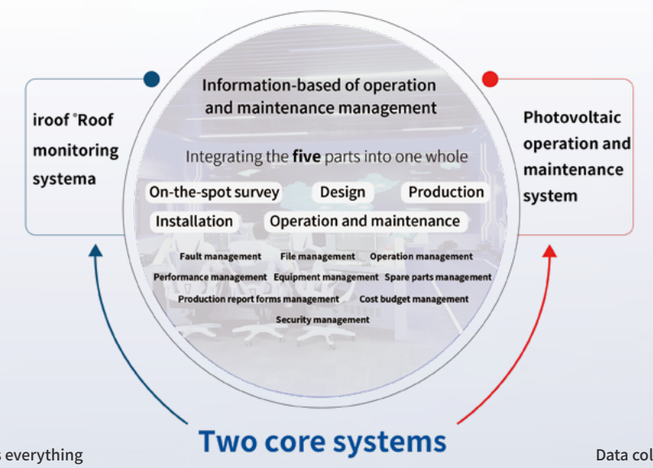
CENTER INT's promise of a "25-year warranty " for BIPV is based on its solid capabilities and professional operational maintenance service system. CENTER INT has over 20 years of technical experience in the field of high-end metal enclosure engineering and owns a 25-year lifecycle, robust integrated building photovoltaic product system. It is also the first company to integrate roofing and photovoltaic operation and maintenance into an intelligent roof and photovoltaic monitoring and maintenance system, with a professional service team and operational management system. "Superior product quality, extensive engineering experience, advanced intelligent monitoring system, as well as professional operation and maintenance service team" provide CENTER with the strength of "25-year warranty ".



Smart Monitoring, Operation and Maintenance System for Roof and Photovoltaic

In 2023, the smart monitoring, operation and maintenance system for roof and photovoltaic, independently developed by CENTER & LONGi, was officially launched. This system is the world's first dual monitoring, operation and maintenance system and has been widely adopted across various industry.

- In 2014, CENTER INT began developing a smart roof monitoring system, which was utilized for the Beijing Daxing International Airport project.
- In 2015, LONGi initiated the development of a photovoltaic operation and maintenance system
- By 2023, CENTER & LONGi successfully obtained several software copyrights in the field of smart operation and maintenance systems
- In 2024, the iroof® smart roof monitoring system was upgraded to the iroof® Smart Roof Health Management System Version 2.0, achieving comprehensive optimization in interface design, functional integrity, and hardware stability.



Data collection enables everything under control

Real-time data collection for roof displacement, deformation, stress, and gaseous status.

Data analysis with advance warnings

Multi-dimensional analysis of the roof system's operational status (eg: the system would give an alarm when cumulative fatigue deformation reaching a threshold of 2mm), providing early warnings.

Distribute instructions to ensure reinforcement in time

Engage clamping robots for reinforcement in time, restoring to original condition (routine reinforcement every 5 years, additional reinforcement after extreme weather).

Data collection allows intelligent monitoring

Save manpower, high precision, enhance efficiency; real-time monitoring of electricity generation efficiency, temperature, etc.

Data analysis makes rapid optimization available

Identify faults and potential issues, optimize the component system.

Distribute instructions to ensure real-time handling

Automatic cleaning, automatic power off, manual handling commands, resolve issues promptly, enhancing electricity generation by 5%-30%.

01 Technology Leadership and Quality Assurance

CENTER INT prioritizes R&D innovation and adheres to a business philosophy centered on "technology leadership". The Company maintains a strong commitment to R&D investment, effectively integrating internal and external talent to establish an efficient R&D innovation system. We foster an ecosystem for R&D development involving "leading one generation, R&D one generation, and reserving one generation". Focusing on market demands and addressing customer pain points, CENTER INT adheres to a differentiated competitive strategy and is dedicated to delivering full-chain integrated solutions for its customers. CENTER INT places high importance on quality management. Building upon the quality management system, we benchmark against industry leaders, continuously enhance quality control, and deliver premium products and services to our customers. CENTER INT adheres to responsible marketing practices, maintaining a customer-centric approach. We have established a comprehensive lifecycle customer service system, covering pre-sales, sales, and after-sales support.

SDGs addressed in this chapter (United Nations Sustainable Development Goals)

1.1 Leading Technology Through Constant R&D Innovation
1.2 Industry Leadership in Products and Solutions
1.3 Product Responsibility and Quality Assurance
1.4 Customer Service Guarantee

R&D Investment:

- In 2024, the R&D investment reached RMB **84** million, accounting for **2.85%** of the operating revenue.

R&D Innovation Platform:

- The Wind Resistance Laboratory is equipped to conduct **18** tests, including dynamic and static wind resistance tests, aligning with all current Chinese and international standards.
- The Postdoctoral Research Workstation introduced a new postdoctoral fellow in 2024
- The Company was rated as the "Beijing Design Creative Center" again

R&D Innovation Achievements:

- In 2024, the Company participated in **3** national, provincial, and ministerial key R&D projects
- In 2024, the Company participated in the development of **1** national standard, **3** local standards, and **11** association standards.
- As of 2024, the Company has been granted **326** patents, **44** computer software copyrights, and **25** trademarks.

1.1 Leading Technology Through Constant R&D Innovation

CENTER INT adheres to the business philosophy focusing on "technology leadership", continuously refines its R&D innovation mechanisms, strengthens the development of our R&D team, enhances the functionality of collaborative innovation platforms, improves intellectual property protection and innovation incentive systems, and consistently solidifies our technology leadership in the industry. In 2024, the Company was once again awarded the title of "Beijing Design Creative Center" by the Beijing Municipal Science and Technology Commission.

R&D Investment

CENTER INT consistently prioritizes R&D innovation as a central component of the corporate development strategy. We maintain a strong commitment to R&D investment and continually advance the implementation of key R&D innovation projects and their associated achievements. In 2024, the group's R&D investment reached RMB 84 million, accounting for 2.85% of its operating revenue.

R&D Innovation

Continuous Upgrades of BIPV Products

CENTER INT attaches great importance to product innovation and continues to promote the development and upgrades of BIPV products. Since the launch of our first BIPV product, LONGi Roof 1.0, in August 2020, we have consistently driven product upgrades over the past five years. This effort has resulted in the introduction of the LONGi Roof 1.0 through 4.0 products, each of which has been optimized and upgraded to facilitate technological innovation and set a new industry standard.

LONGi Roof 1.0
In August 2020, the first BIPV product, LONGi Roof, was launched, marking LONGi's official entry into the BIPV market.

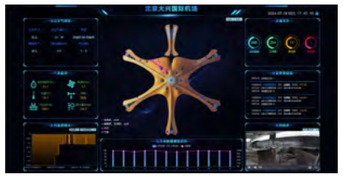
LONGi Roof 2.0
In April 2021, CENTER INT and LONGi introduced LONGi Roof 2.0, which optimized the size of battery modules for roof systems, offering more options for the BIPV market.

LONGi Roof 3.0
By April 2023, LONGi Roof was fully upgraded to version 3.0, incorporating M10 monocrystalline silicon wafers to accommodate larger roofs and modules for building power generation.

LONGi Roof 4.0
In September 2023, LONGi Roof 4.0 was launched, featuring further optimization and upgrades to its battery size. This version represents the first BIPV product equipped with BC batteries.

Launch of iroof® Smart Roof Health Management System Version 2.0

In July 2024, iroof® Smart Roof Health Management System Version 2.0, independently developed by the Company, was launched with great fanfare. This version features comprehensive optimizations in interface design, functional integrity, and hardware stability compared to Version 1.0. Version 2.0 is a leader in a new era of safe operation and maintenance for metal roof systems, excelling in intelligence, practicality, and aesthetic appeal. In August 2024, the iroof® Smart Roof Health Management System Version 2.0 successfully completed the upgrade of the software and hardware systems at Beijing Daxing International Airport, fully replacing the original system in place at this airport.



iroof®Smart Roof Health Management System Version 2.0

Technological Innovation for Soil and Groundwater Remediation (2024)

- Two of our practical technologies and one demonstration project have been included in the "2024 List of Practical Technical Equipment and Demonstration Projects for Ecological Environment Protection"
- Our in-situ vapor extraction equipment (in the application category) and our in-situ thermal desorption equipment (in the promotion category) were selected for the "Catalogue of Major Environmental Protection Technologies and Equipment Encouraged by the State (2023 Edition)", issued by the Ministry of Industry and Information Technology
- Our research "Key Technologies for Overall Risk Control of Heavy Metal Pollution in River Basins and Their Application" received the first prize of the Science and Technology Progress Award from the All-China Environment Federation
- Our research "In-situ Collaborative Remediation and Intelligent Control Technology for Soil Pollution Based on Pneumatic Precision Monitoring and Intelligent Control" was awarded the second prize by the China Association of Innovations
- Our research "Technology for Preparing Heavy Metal Passivators by Modifying Coal-based Residue and its Application" was awarded the first prize of the Green Mine Science and Technology Progress Award.

Collaborative Innovation

CENTER INT adheres to the dual-brand strategy of CENTER & LONGi, consistently promoting R&D innovation in collaboration with LONGi. Additionally, we actively cooperate with external scientific research institutions to establish R&D and collaborative innovation platforms. By leveraging these innovation platforms, we continue to drive breakthroughs in the Company's R&D innovation and maintain our technology leadership within the industry.

Capacity Building for Wind Resistance Laboratory

Obtained the CMA Certificate in July 2023

Obtained the CSCS Certificate in September 2023

Obtained the CNAS Certificate in June 2024

Since the establishment of Henghui Engineering Laboratory, the Wind Resistance Laboratory has received several certificates, including CMA in July 2023, CSCS in September 2023, and CNAS in June 2024. The laboratory is equipped to conduct 18 tests, including dynamic and static wind resistance tests, aligning with all current Chinese and international standards. This capability provides a strong foundation for CENTER INT's business development.

Postdoctoral Research Workstation

By utilizing its Postdoctoral Research Workstation, the Company has led or participated in technological R&D projects, published numerous significant papers, actively engaged in the development of national standards, and secured multiple intellectual property innovation achievements, thereby providing crucial support for the Company's innovative growth. In May 2024, the Company recruited a PhD from Hebei University of Science and Technology to join its Postdoctoral Research Workstation, conducting studies on processing technologies for new metal materials used in buildings, thereby continuously strengthening the technological support capacity of the workstation.

Postdoctoral Research Workstation

Intellectual Property Innovation

CENTER INT encourages innovation in R&D, continuously increases investment, enhances intellectual property protection, and improves the incentive mechanism for intellectual property innovation achievements. In 2024, the Company made remarkable achievements in intellectual property innovation, covering diverse sectors such as building metal cladding systems, BIPV, soil and groundwater remediation, and noise treatment.

As of the end of 2024, the group had obtained a total of 395 intellectual property rights, including 326 patents (83 invention patents, 228 utility model patents, and 15 design patents), 44 computer software copyrights, and 25 trademarks. In 2024, the group obtained 37 new intellectual property rights, including 24 patents (4 invention patents and 20 utility model patents), 7 computer software copyrights, and 6 trademarks.

Partial patent certificate display

Active Participation in National, Provincial and Ministerial Key R&D Projects

CENTER INT actively engages in the research and development of key projects at national, provincial, and ministerial levels. In 2024, the Company participated in 3 key R&D projects, with all tasks advancing according to schedule.

Participation in Formulating Standards

CENTER INT places a strong emphasis on standardization initiatives and actively participates in the development and revision of industry standards. In 2024, the Company contributed to the development of 1 national standard, 3 local standards, and 11 association standards, encompassing various areas such as building metal cladding systems, BIPV, soil remediation, and groundwater environmental management.

1.2 Industry Leadership in Products and Solutions

CENTER INT upholds a "technology leadership" business philosophy and leverages its proprietary product and technology advantages within the industry. The Company is committed to delivering packages of holistic and integrated BIPV solutions to our customers. CENTER INT pursues a path of differentiated development, continually gaining insights into market and customer needs. By addressing customer pain points and specific requirements, the Company creates tailored BIPV product solutions that effectively meet the diverse needs of our customers.

Building Integrated Photovoltaic (BIPV) Solutions

We deliver packages of holistic and integrated BIPV solutions to our customers

Product R&D → Marketing → Design → Production and delivery → Monitoring and O&M → Value-added services

Industry Leadership in Technological Advantages

In March 2021, LONGi acquired 27.25% of CENTER INT's shares, becoming the second-largest shareholder of the company. In April 2022, CENTER INT and LONGi enhanced their partnership, with all new BIPV projects in the metal cladding sector being undertaken, implemented, and delivered by CENTER INT. The dual brand advantages in CENTER INT's BIPV business are particularly notable.

CENTER INT

- **A pioneer of metal cladding systems**
- **The only metal cladding company in China listed on the main board of the stock exchange through IPO**
- **The world's largest high-tech company specializing in metal cladding systems**
- Successfully completed a total of more than 3,700 projects
- Beijing Specialized and Innovative "Little Giant" Enterprise and "Hidden Champion" Enterprise
- Established China's first wind resistance laboratory for BIPV
- Created the world's first smart monitoring, operation and maintenance system for roof and photovoltaic

LONGi

- **The world's most compelling solar technology company**
- **The PV company with the highest market value in the world**
- **The holder of multiple world records in photovoltaic technology**
- The world's leading and largest solar technology company
- Ranking among the top companies globally in terms of module shipments forseveral consecutive years
- Ranking 6th among the Global Top 500 Energy Enterprises in 2024
- With BIPV product approvals from the Witness Testing Data Program (WTDP) of three professional organizations

Center Int & LONGiJointly Develop and Expand the BIPV Market

- Strong Joint R&D Team
- Jointly Promoting BIPV Product Upgrades
- Integrating Roof Monitoring and PV O&M Systems
- Superior Market Development and Delivery Capabilities

Application of LONGi Roof BIPV Products

Newly-built Roof
The integration of Survey, Design, Manufacture, Installation, Operation and Maintenance

Renovation for Flexible roof
Direct BIPV roof renovation

Renovation for Concrete roof
Direct BIPV roof renovation

Renovation for metal roof
First renovate the roof, then install a BIPV system; Install a BIPV system directly

Created the world's first smart monitoring, operation and maintenance system for roof and photovoltaic

CENTER INT has developed the world's first smart monitoring, operation and maintenance system for roof and photovoltaic. This innovative solution integrates intelligent monitoring of roof systems with smart operation and maintenance of photovoltaic systems, enabling integrated digital operation, maintenance and management of BIPV systems. The Company offers customers a 25-year warranty for our "roof + photovoltaics" products.

Roof monitoring

Displacement | Fatigue deformation | Vibration | Water level | Drainage capacity | 2mm threshold warning

PV monitoring

System PR | Module/ cascade current | Energy output in various periods | Meteorology | Intelligent IV diagnosis | Loss due to dust accumulation | Dispersion rate

Smart monitoring, operation and maintenance system for roof and photovoltaic

Comprehensive Solutions for Soil and Groundwater Treatment

In the field of ecological environment governance, CENTER INT is dedicated to ensuring pollution-free and safe land. The Company is committed to providing customers with comprehensive solutions for the entire process of soil and groundwater remediation.

Scope of "Six-in-one" Core Services

After years of development, CENTER INT has established a core service system in the field of soil and groundwater remediation, integrating six segments: soil and groundwater remediation, integrated equipment R&D and production, technical consulting, monitoring of soil and groundwater for production enterprises, integrated remediation material R&D and production, and site pollution investigation.

Six-in-one

- Soil and Groundwater Remediation
- Integrated Equipment R&D and Production
- Technical Consulting Services
- Soil and Groundwater Monitoring Services for Production Enterprises
- Integrated Services for Remediation Material R&D and Production
- Site Pollution Investigation Services

Advanced Technology System

Our technological system includes 6 categories of contaminated sites and 37 remediation technologies. Among them, the in-situ, ex-situ and risk control technologies for soil and groundwater in industrial contaminated sites can address all categories of heavy metal, inorganic, and organic pollutants.

Complete Equipment System

The Company invested in and constructed a localization R&D base for soil and groundwater remediation equipment in the Beijing Economic-Technological Development Area, initiating the localization R&D and innovative application of treatment equipment. After years of development and accumulation, a relatively complete equipment system has been developed, encompassing over ten items, including vapor extraction equipment and condensation equipment.

Comprehensive Agent System

In the field of soil remediation, CENTER INT focuses on the research and development of soil remediation materials and agents, continuously expanding its agent system to address various application scenarios and needs. Currently, a comprehensive agent system has been established, covering 7 application fields: soil remediation, groundwater remediation, farmland soil remediation, remediation of energetic contaminated sites, solid waste remediation, site odor control, and remediation of new pollutants. This system includes 24 types of remediation materials for contaminated sites.

1.3 Product Responsibility and Quality Assurance

CENTER INT is committed to the operational principle of "quality first" and implements the quality policy of "complying with national standards, adhering to design, and fulfilling contracts". The company aims to achieve quality goals such as the successful acceptance of projects on the first attempt.

To continuously enhance quality awareness, CENTER INT promotes the concepts of safety and quality red lines throughout the group. If any abnormalities are detected in product production or project construction quality, they must be promptly reported to the group.

Quality Management System

CENTER INT actively implements the relevant requirements of the ISO 9001 quality management system in its quality management practices. The Company closely integrates the ISO 9001 quality management system with its quality management efforts, promoting a scientific approach to engineering quality management that aligns with international standards.

During this reporting period, both CENTER International Group Co., Ltd. and CENTER Environmental Protection Technology Co., Ltd. passed the ISO 9001 quality management system certification.

CENTER INT's Quality Management System Certificate

CENTER Environmental's Quality System Certificate

Composition of Quality Management System

To implement comprehensive quality management and ensure traceability of the quality process, CENTER INT has established a quality management system composed of three components: the quality assurance system, the quality control system, and the quality supervision and inspection system.

Project Quality Management

In accordance with laws, regulations, and standards such as the "Construction Law of the People's Republic of China", "Regulations on the Quality Management of Construction Projects" (State Council), "Standardization Law of the People's Republic of China", and "Code for Quality Management of Engineering Construction Enterprises" (GB/T 50430-2017), CENTER INT has formulated the "Project Quality Management Responsibility System", "Project Quality Management System", "Management System for Installation Quality Inspection", and "Management System for Treatment of Installation Quality Issues", aiming to comprehensively improve our construction quality management capacity, eliminate potential quality hazards in the construction process, and meet the quality requirements specified in contracts. We have issued these systems to all departments for implementation. Additionally, we will regularly optimize and update these systems in various development stages to ensure that they always meet our development needs.

Project Quality Management Responsibility System

Project Quality Management System

- Quality Objective Management System
- Technical Disclosure System
- Scheme Ahead System
- Engineering Measurement Review System
- Material Inspection and Management System
- Instrument and Equipment Calibration System
- Quality Prevention System
- Reward and Punishment System for Quality Assurance
- Construction Drawing Review System
- Engineering Quality Education and Training System
- Processes "Three-Inspections" System
- Inspection, Declaration and Endorsement System for Concealed Works
- "First Article" Guidance System
- Project Quality Patrol Inspection System
- Regular Quality Meeting System

Management System for Installation Quality Inspection

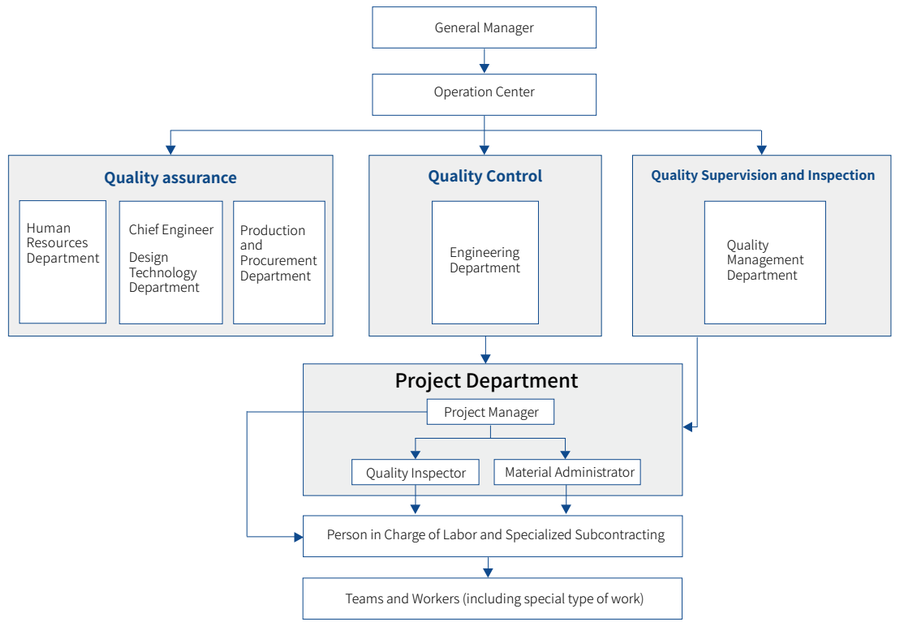
- Quality Inspection for Incoming Raw Materials, Components, Members, Equipment and Tools
- Quality Inspection and Acceptance of Subcontracted Construction Works
- Quality Inspection of Pre-construction Preparation Works
- Acceptance System for Inspection Lots
- Acceptance System for Subdivisional Works
- Acceptance System for Divisional Works
- Acceptance System for Project Unit Works
- Treatment System for Inspection Lots with Sub-standard Quality

Management System for Treatment of Installation Quality Issues

- Classification of Construction Quality Issues
- Evaluation and Disposal of General Quality Issues
- Evaluation and Disposal of Major Quality Issues
- Treatment Procedure of Quality Incidents

Main Contents of the "Engineering Quality Management System", "Management System for Installation Quality Inspection", and "Management System for Treatment of Installation Quality Issues"

The Company continuously improves the quality management organization of construction projects and clearly defines the responsibilities of relevant personnel for quality.



Quality Management Structure Organization for Construction Projects

Quality Management for Labor Subcontracting

CENTER INT places high priority on quality management for labor subcontracting, enhances the management over labor contractor responsibilities, and maintains rigorous quality control throughout the entire process including access control, process supervision, and inspections:

Access Control: The disclosure regarding safety specifications and technical standards must be conducted for construction personnel before they enter the site to ensure that their risk prevention and control awareness and operating specifications meet the standards.

Process Supervision: During the construction, a professional team will provide dynamic technical guidance and supervise the implementation of the safety and quality systems by the operators throughout the entire process.

Inspection Mechanism: A multi-level inspection mechanism is implemented, with a focus on high-risk operations to continuously enhance construction quality and safety.

Production Quality Management of the Production Base

The production base strictly follows the requirements of ISO 9001 quality management system documents and procedure documents and controls the quality throughout the entire production process to ensure that product quality meets standards.

▶ Full-process Quality Control

Pre-production control

For production of major projects, the production base holds pre-production briefing meetings to communicate production specifications, quality inspection precautions, packaging requirements, and transportation requirements, ensuring thorough quality disclosure.

Full-process quality control

During production, a comprehensive set of measures is implemented to ensure product quality. These measures include verifying raw materials against orders, conducting first article inspections, performing in-process inspections, implementing quality patrol inspections, and carrying out on-site evaluations by management personnel.

Quality traceability management

In response to quality abnormalities, the production base has established the "Management Regulations for Non-Conforming Products" to outline the procedure for handling non-conforming products. When quality abnormalities arise, we promptly gather relevant information, conduct thorough reviews, and engage the appropriate personnel in studying, analyzing, and summarizing the situation. This approach allows us to learn from our experiences, apply lessons learned, and prevent the recurrence of quality incidents.

Quality Abnormality Analysis Meeting of the Production Base

High-quality Project Cases

With exceptional engineering expertise and construction capabilities, CENTER INT consistently delivers premium projects, earning widespread acclaim from customers and securing multiple awards of the industry. In the recently unveiled 2024 Building Waterproofing Industry Science and Technology Awards - Engineering Technology Awards (Jinyu Awards - Metal Cladding Systems), CENTER INT distinguished itself once more through profound industry expertise and outstanding technical strength, securing three accolades including two Gold Awards (for the Metal Roof Works of East Terminal & GTC of Phase III Expansion Project of Xi'an Xianyang International Airport and the Metal Roof Works of New China International Exhibition Center Phase II Project) and one Silver Award (for the Metal Roof Works of Taishan Cultural Tourism & Fitness Center Construction Project).

CENTER INT's engineering quality stands validated by rigorous practice. In 2024, some regions of China were struck by powerful typhoons (reaching up to wind force of 17 on the Beaufort scale) and unprecedented torrential rains. Despite these extreme weather conditions, all projects undertaken and delivered by us—including the Boao Forum for Asia Annual Conference Project, Ledong Power Plant Coal Storage Facility Project, and Haikou Meilan International Airport—stood firm without damage, showcasing the exceptional engineering quality of CENTER INT.

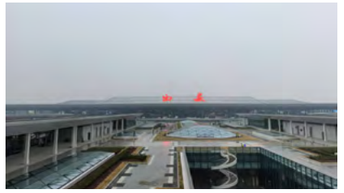
Case

Case 1: Shanxi Xianyang International Airport Project

(The metal cladding works won the Jinyu Award-Gold Award)

On February 20, 2025, Terminal 5 of Xi'an Xianyang International Airport commenced operations. As China's first super terminal designated "T5", this 700,000-square-meter building has become Xi'an's new global aviation gateway.

The Phase III Expansion Project of Xi'an Xianyang International Airport is a key construction project under China's 14th Five-Year Plan, recognized by the Civil Aviation Administration of China as a "benchmark demonstration project" for the industry. It stands as the top-priority aviation development project endorsed by the Shaanxi Provincial CPC Committee and Provincial Government. Terminal 5 serves as a pivotal component of this project. CENTER INT participated in the construction of the key works. The project received the Gold Award for the 2024 Building Waterproofing Industry Science and Technology Awards - Engineering Technology Awards (Jinyu Awards - Metal Cladding Systems)

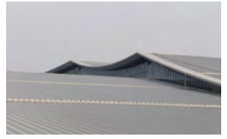


Xi'an Xianyang International Airport

Construction with Ingenuity Embodies the Timeless Elegance of the Ancient Capital

During construction, CENTER INT strictly adhered to the design philosophy and employed advanced building technologies and materials to ensure the terminal's grandeur, while meticulous craftsmanship shines through in every detail. CENTER INT delivered a 260,000-square-meter metal roof system solution for Terminal 5, the South/North Airside Concourses, and the Ground Transportation Center (GTC). The solution features a 66H wind resistant and waterproof roof system with a wind resistance of -11.2 kPa, previously implemented at Beijing Daxing International Airport. This system provides exceptional waterproofing, thermal insulation, fire resistance, and durability, ensuring safe and reliable protection for the terminal to support the normal operation of the airport. Through efficient collaboration between project management and construction teams, the project was completed with excellence, earning widespread recognition.

Metal Roof System



Eave System

Open Window System

Green Technology Leads a Low-carbon Future

As the largest aviation hub project in Northwest China, the Phase III Expansion Project of Xi'an Xianyang International Airport has incorporated green and low-carbon concepts throughout its planning and design phases, with forward-looking arrangements for renewable energy utilization. CENTER & LONGi BIPV product - LONGi Roof was used for the roofs of the Ground Transportation Center (GTC) and parking building. LONGi Roof combines safety, reliability, high efficiency, stable returns, and worry-free operation. It not only seamlessly integrates with buildings but also features leakage protection, corrosion protection, fire protection, typhoon resistance, and attenuation resistance properties, ensuring over 25 years of safe, reliable, and durable performance for both roof and photovoltaic systems.

The project has a total installed capacity of approximately 1.15 MW, covering a rooftop area of about 6,000 square meters. LONGi Roof BIPV supplies clean electricity for the terminal's daily operations, significantly reducing reliance on conventional energy sources and cutting carbon emissions at the source. This not only aligns with the green airport development objectives under the Four-Type Airport Initiative (Safe, Green, Smart, and People-Centric) but also contributes to establishing a demonstration project of an energy-efficient green terminal.

BIPV at Xi'an Xianyang International Airport

Innovation Drives Success, Quality Creates Excellence

CENTER INT is dedicated to delivering premium building solutions for customers. Our involvement in the Phase III Expansion Project of Xi'an Xianyang International Airport not only demonstrates our capabilities but also reaffirms our steadfast commitment to green building and smart city development. Moving forward, CENTER INT will continue leveraging innovation as the driving force and quality as the foundation to advance global airport construction toward green and sustainable development, creating more iconic projects.

Case

Case 2: Metal Roof Works for Velana International Airport Project in Maldives

(A representative overseas project conforming to USA standards undertaken by CENTER INT)

The Velana International Airport project in Maldives undoubtedly serves as a shining example of CENTER INT's overseas endeavors, renowned for its uniqueness and high standards. As CENTER INT's first project implemented in compliance with American standards, it presented significant challenges.

Velana International Airport in Maldives

Project Scale and Construction Management

The project includes a multi-purpose terminal building and six advanced aerobridges, featuring a roof projection area of 40,300 square meters, which fully demonstrates the scale and significance.

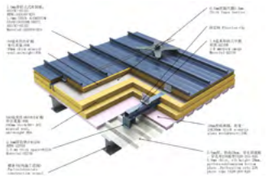
In terms of materials, CENTER INT ensured ample supplies of building materials and equipment, totaling over 12,000 cubic meters of materials transported in more than 240 containers, providing a solid foundation for the project's smooth execution. For mechanical equipment, the deployment of heavy machinery including forklifts, 25-ton cranes, and three tower cranes significantly enhanced the project's construction capabilities and efficiency.

Containers Loaded with Rock Wool

Crane and Tower Crane in Operation

The Customized Roof System Ensures Quality

CENTER INT meticulously selected 400/65 aluminum-magnesium-manganese panels as the core material for the roof system. The roof structure is robust and efficient, featuring eight critical structural layers, each serving a specific function to collectively ensure stability, superior waterproofing performance, and durability of the system. This design not only fully complies with all specifications outlined in the owner's documentation, but also demonstrates outstanding stability, providing reliable assurance for the production and installation of 72-meter panels for this project. Precise calculations and structural design ensure this customized roof system can withstand all anticipated loads and stresses, establishing a solid foundation for successful project execution.



Roof System Structure

Innovative Breakthroughs Forge the High-Quality Project

Driven by a spirit of innovation, CENTER INT developed roof rock wool installation techniques and implemented state-of-the-art material transport strategies. These breakthroughs not only streamlined construction processes but also added distinctive features, ultimately ensuring high quality for the project.

Installation Site of Roof Rock Wool

Processing Site of Roof Panels

Enhanced Safety Management Ensures Smooth Delivery of the Project

CENTER INT has consistently prioritized safety as its foremost mission. During construction, we enhanced safety education to foster a safety-conscious work environment, organizing over 30 comprehensive safety training sessions. Additionally, the project team established a monthly self-inspection and correction mechanism for safety assessments. Under the leadership of an experienced safety manager, the team conducted thorough on-site inspections at every phase of construction to promptly identify and eliminate safety hazards, thereby ensuring strong safeguards for successful project delivery. The project department established a comprehensive record management system, meticulously documenting all safety training activities, inspection assessment tasks, and corrective measures. As details determine outcomes, CENTER INT demonstrates its commitment through concrete actions to guarantee successful project execution and handover.

Case

Case 3: Metal Roof Works of Siem Reap Angkor International Airport Project in Cambodia

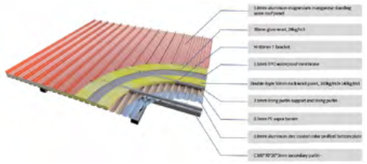
(A flagship project under the China-Cambodia "Belt and Road" Cooperation)

The new Siem Reap Angkor International Airport in Cambodia boasts expansive grounds and optimal airspace conditions, with a design capacity to accommodate 7 million passengers annually. The terminal's roof design at this airport incorporates Cambodia's traditional roof style, featuring a distinctive gabled double-slope structure. With a roof area spanning approximately 54,000 square meters, the terminal building incorporates modern architectural techniques at its core. The commercial zone features glass spires that showcase the charm of Angkor's ancient palaces and temples. This design reflects Cambodian cultural characteristics and creates a striking focal point and logo image for the terminal.

CENTER INT undertook the construction of the terminal's metal roof system. The region experiences a tropical rainforest climate, characterized by a rainy season that lasts from June to November. The project utilized 65/300 aluminum-magnesium-manganese roof panels. Under wind pressure, the standing seam profiled steel panel system arches upwards, causing the seams to tighten. This deformation significantly enhances seaming friction and clamping force, thereby improving the overall wind resistance of the metal roof system and ensuring its stability.

The roof system comprises 8 structural layers. Key functional layers include the PE vapor barrier layer, dual-layer rock wool insulation layer, TPO waterproof layer, glass wool acoustic layer, and vermilion (RAL 2002) roof panels.

Terminal Building and Security Check Zone at Siem Reap Angkor International Airport in Cambodia



Terminal Metal Roof System

Modular Construction Overcomes Challenges and Reduces Construction Duration

From the outset, the project faced tight deadlines and heavy workloads, further complicated by safety challenges and efficiency losses due to high temperatures during the rainy season and difficult elevated working conditions. To tackle these schedule pressures and safety concerns, we implemented modular hoisting for roof purlin supports and purlins, as well as modular eave installation. This approach significantly reduced elevated work time, shortened the overall schedule, minimized construction complexity, and controlled costs. The rational and efficient structural system ensures a seamless integration of architectural and structural design.

Modular Hoisting of Terminal Roof Purlins

Modular Installation of Terminal Eaves

Technology Goes Global, Demonstrating Corporate Responsibilities

In alignment with Cambodia's local conditions, CENTER INT has facilitated innovative applications of engineering technology, resulting in the receipt of two utility model patent certificates. This achievement has significantly advanced the smooth execution of the project.

Honors Granted to the Project Team

Throughout the construction of the Siem Reap Angkor International Airport Project, numerous exemplary individuals and teams stood out. The CENTER INT project team received recognition and commendations from the general contractor, the supervisor, and the operator, earning honorary awards such as "Excellent Team", "Excellent Supplier", "Excellent Project Manager", and "Outstanding Individual".

Excellent Team and Excellent Supplier Certificates

Certificates of Two Utility Model Patents

1.4 Customer Service Guarantee

CENTER INT follows the business philosophy of "charity, altruism, and win-win results for all parties". We are committed to a "customer-centric" service principle, continually enhancing our customer service system and elevating service levels. This approach enables us to effectively provide customers with a high-quality, efficient, and considerate service experience, thereby improving customer satisfaction and striving to achieve win-win results for all parties involved.

Full-process Customer Service System

CENTER INT recognizes the critical importance of strengthening customer service. We have established a full-process service system covering pre-sales, in-sales, and after-sales stages, ensuring every step of the customer service process demonstrates our relentless pursuit of excellence in both products and service.

Pre-sales service	In-sales service	After-sales service
Product consulting service Technical support service for projects	Technical solutions Comprehensive evaluation of the project implementation process and high-quality product delivery	Worry-free 25-year warranty Providing specialized value - added service

Pre-sales service

To better serve our customers and respond to their needs more efficiently, the Company continuously optimizes the distribution of its marketing teams across various regions and industries, establishing a nationwide marketing network to ensure prompt and effective customer engagement. Tailored to the unique characteristics of each customer, the Company has developed comprehensive customer engagement plans, delivering complete product technical information, solutions, and customized services.

Additionally, CENTER INT has established a dedicated business consultation hotline (4000-603098) to provide timely access to our product and solution information.

In-sales service

CENTER INT delivers tailored solutions that align with customer requirements. Based on the characteristics and actual conditions of each project, we conduct a comprehensive evaluation of the potential risks and uncertainties that may arise before and during implementation. We formulate timely response measures to ensure that the project is executed as required and on schedule.

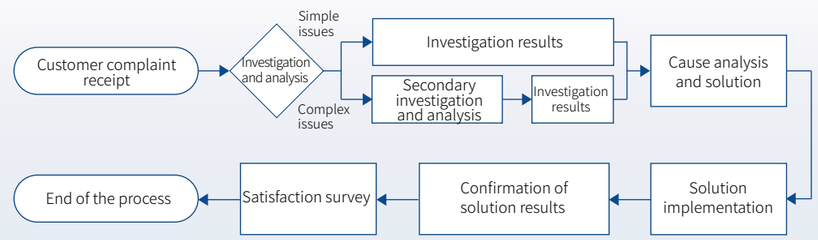
For each project, we establish a project department based on actual needs, formulate project plans and detailed implementation strategies, and efficiently configure project teams to ensure the project's advancement is efficient, safe, and of high quality. During the implementation of projects, we establish a regular communication and coordination mechanism. Our sales department, project department and other departments will respond promptly to all requirements raised by customers to ensure the smooth implementation of the project.

After-sales service

With its technology leadership in the BIPV industry, CENTER INT is the first company to offer customers a "25-year warranty" commitment for BIPV products. This not only reflects CENTER INT's strong confidence in its products but also demonstrates its commitment to prioritizing customer interests, ensuring that customers feel relieved, reassured, and worry-free.

CENTER INT focuses on establishing a harmonious cooperative relationship with customers, emphasizing the importance of customer satisfaction. We have established and improved a customer satisfaction survey mechanism, using customer feedback as a crucial benchmark for measuring service quality.

We place great importance on customer feedback and continuously enhance our BIPV business complaint handling process to ensure that all customer complaints are addressed promptly, efficiently, and professionally. Adhering to a customer-centric working principle, we prioritize customer satisfaction at our core. Upon receiving a complaint, our sales, operation, quality, and other departments fully cooperate to quickly gather specific information, investigate the issue, conduct experimental verification, formulate a response plan, and provide timely feedback. This approach ensures that customer complaints are effectively addressed and comprehensively guarantees customer satisfaction.



Developing a Marketing Team with Excellent Customer Service Capabilities

CENTER INT places significant emphasis on developing its marketing team and continuously enhances customer service awareness and service capabilities. The Company prioritizes the professional quality and capacity building of the team by regularly organizing specialized training sessions. We implement various measures to improve the team's overall capabilities, ultimately building a high-quality and professional marketing team.

Specialized Training for Marketing Team

02 Green Development, Low Carbon and Environmental Protection

CENTER INT actively responds to the call for national ecological civilization development and steadfastly follows the path of green development. The Company embraces the national "carbon peaking and neutrality" strategy, using the green and low-carbon transition strategy as a guiding principle. We promote the concept of green development by implementing energy conservation, carbon reduction, and emission reduction initiatives, while actively addressing climate change risks. Additionally, CENTER INT continues to strengthen its environmental management efforts, striving to build a resource-saving and environmentally friendly company that coexists harmoniously with the environment.

2.1 Addressing the Risks of Climate Change

2.2 Strengthening Environmental Management

2.3 Engaging in Green Operation

2.4 Facilitating China's Green and Low-carbon Transition

SDGs addressed in this chapter (United Nations Sustainable Development Goals)

Fully implementing environmental management responsibilities:

- In 2024, CENTER INT group and its production base, as well as CENTER Environmental passed the ISO 14001 environmental management system certification.
- The Company adheres to green and environmentally friendly principles, continuously advancing energy conservation, emission reduction, carbon reduction, and pollution mitigation. We develop new energy and ecological environment management services, supporting China's green and low-carbon transition as well as ecological civilization development.

Greenhouse gas (GHG) emission reduction:

- CENTER INT established a "green factory" and successfully obtained the designation of both a national and a Beijing municipal "green factory".
- In 2024, we completed GHG verification and product carbon footprint (CFP) verification and passed the relevant certifications.
- We continually enhanced our energy management system and passed the energy management system certification.
- The power supply for the group's headquarters office area and production base was partially transitioned to green electricity, and we applied for the Green Electricity Certificate(GEC).

Key environmental performance data:

- In 2024, the rooftop photovoltaic power generation for the group headquarters office area and production base reached **2,524.1** MWh, with green electricity consumption totaling **1,089.7** MWh.
- In 2024, a total of **1,308** Green Electricity Certificate (GEC) were issued for the Company's rooftop BIPV electricity production (the production base).
- GHG emissions in 2024 (Scope 1): **855.50** (tCO2e)
- GHG emissions in 2024 (Scope 2): **2,275.56** (tCO2e)
- Total GHG emissions in 2024 (Scope 1 + Scope 2): **3,131.06** (tCO2e)

2.1 Addressing the Risks of Climate Change

Addressing climate change has become a global social consensus. CENTER INT acknowledges the importance of climate change for corporate sustainable development and is committed to integrating the climate change response strategy into its corporate development strategy. The Company actively engages in climate change actions, continuously enhancing its climate governance and climate change risk management mechanisms. Through practical measures, we effectively control GHG emissions and contribute to China's efforts in climate action.

Climate Governance Mechanism

In line with the recommendations of the "ISSB IFRS S2 Climate-related Disclosures" (IFRS S2), CENTER INT has established a climate change management system based on four key aspects: governance, strategy, risk management, and Goals and indicators. This system integrates climate-related risks and opportunities into the Company's risk management system, enhancing our climate risk management capabilities through climate risk identification, analysis, and response.

Governance	The management maintains a strong focus on the impact of climate change on the Company and considers both climate change transition and physical risks when making significant decisions.
Strategy	We continuously advance our green and low-carbon transition by enhancing our technical capabilities in metal cladding, ecological governance, and BIPV products. We also strengthen our supply chain and bolstered our resilience against risks. Additionally, we monitors national and industrial policies and development trends related to carbon peaking and neutrality, renewable energy, and ecological protection. This approach enables us to make proactive plans and respond promptly to challenges.
Risk management	We enhance our climate risk identification, improve our environmental and climate risk management measures, and bolster our ability to address climate change-related risks. We continuously monitor the transition and physical risks that climate change poses to us. We provide relevant training sessions addressing various potential risks, refine our risk response measures, and strengthen our resilience against these risks.
Goals and indicators	We establishe annual objectives and indicators related to energy conservation, consumption reduction, GHG verification, product carbon footprint verification, energy management system certification, etc. We develope plans and measures and monitored and manage the implementation of these indicators.

Improving the Climate Risk and Opportunity Assessment Mechanism

As a listed company specializing in building metal cladding, new energy, and environmental protection business, CENTER INT attaches great importance to the potential impacts of climate change risks on company operations. Based on actual conditions, the Company evaluates factors including renewable energy development, national policies, and extreme weather phenomena to identify both physical risks and transition risks. We also identify related opportunities, while formulating and continuously enhancing corresponding measures.

Type of risk		Potential risk/opportunity description	Potential financial impacts	Response measures
Physical risks	Meteorological disaster risks	Natural disasters such as typhoons, droughts, and floods lead to damage or failure of metal cladding and building photovoltaic power stations constructed by the Company.	The Company's self-owned power station assets may suffer damage, resulting in increased maintenance costs. Additionally, damage to customers' power stations can lead to claims and further inflate maintenance costs.	Continuously enhance product quality and risk resilience; strengthen intelligent surveillance and operational monitoring of O&M projects.
	Climate change risks	Continuous high temperatures lead to power shortages for suppliers, resulting in unstable production capacity and equipment transportation. This, in turn, causes suppliers to fall short of meeting demand.	Short-term supply shortages and tight product delivery timelines for the Company may result in default costs.	Optimize the supplier structure and regional layout, and improve the emergency allocation capability for material procurement based on the actual business situation.
Transition risks	Policy risks	The new policy encourages self-generation and self-consumption of distributed photovoltaics. However, market-based transactions can impact the certainty of revenue from distributed photovoltaic power stations, potentially leading photovoltaic project investor to adopt await-and-see approach.	The new policy regarding distributed photovoltaic power generation may impact the Company's project development progress and introduce uncertainty to the operating revenue.	Continuously monitor the trends in policies related to distributed photovoltaics, conduct assessments in advance, and make timely adjustments. Develop new channels for the consumption of renewable energy power.
	Technological risks	Customers' demand for the construction of integrated energy systems is increasing. As a result, the Company needs to enhance its research on technologies and solutions related to integrated energy systems, as failure to do so may lead to missed opportunities for related projects.	In light of the growing customer demand for integrated energy systems, if the Company fails to recognize and respond effectively, it may result in the loss of related project opportunities and decreased potential revenue.	Monitor and pay close attention to market and customer demand dynamics in a timely manner. Increase research efforts in the field of integrated smart energy, anticipate changes in advance, and respond promptly.
	Market risks	The capital market, customers, and other stakeholders are increasingly focused on climate action. If the Company's environmental management and climate response performance fall short, it may negatively impact the Company's reputation and operational performance.	Failure to respond to risks in a timely manner may result in a decline in the Company's market value and operational performance, ultimately impacting the operating revenue.	Strengthen engagement with stakeholders using various methods, monitor stakeholder dynamics, and respond promptly.
Transition opportunities	Policy opportunities	In the context of China's carbon peaking and neutrality strategy and the development of ecological civilization, the new energy and eco-environmental protection industries are experiencing significant growth. We should seize this opportunity to deepen our focus on new energy and ecological governance sectors.	The industry in which the Company operates is a key priority within the national strategy, offering promising development prospects that are beneficial for the sustainable growth of the Company's business.	Fully leverage our advantages in BIPV products and technologies to accelerate our business layout and quickly capture market share. Additionally, strengthen and expand our soil remediation and noise treatment business.
	Technological opportunities	Energy storage technology, new energy vehicle technology, energy management technology, and artificial intelligence technology are developing rapidly, and various technologies that make up integrated smart energy solutions are gradually maturing.	Innovative business models can be created by developing integrated smart energy projects and promoting technical capabilities to increase business revenue.	Continuously monitor technology and market dynamics, secure technologies and capabilities for future projects, and steadily advance project development and construction.
	Market opportunities	National policies that promote the development of "zero-carbon parks" are creating more market and project opportunities.	The proactive planning for "zero-carbon park" projects can further broaden the business scope and drive revenue growth.	According to the Company's strategic deployment, actively participate in related projects and enhance market competitiveness.

Engaging in GHG Emission Reduction

Conducting GHG emission verification to identify the sources of carbon emissions

To effectively promote GHG emission reduction, the Company has engaged a third-party organization to assess and investigate the GHG emissions from the group's headquarters office area and production base for the years 2023 and 2024. The GHG investigation for 2024 was completed, and the Company passed the carbon emission management system certification.

Based on the GHG emission verification report provided by the third-party organization, the Company has developed corresponding improvement plans and outlined specific measures to continuously enhance GHG emission reduction efforts.

Carbon Emission Management System Certification in 2024

Carrying out product carbon footprint verification to analyze the details of the carbon footprint profile

Product Carbon Footprint Certificate for 2024

The Company engaged a third-party organization to verify and audit the carbon footprint of our main products at the group's headquarters office area and production base for the years 2023 and 2024. As a result, the third-party organization issued a product carbon footprint certification evaluation report. The product carbon footprint audit for 2024 has been completed, and the Company successfully obtained the "Product Carbon Footprint Certificate".

GHG emission data in 2024

Category	Unit	Emissions in 2024	Emissions in 2023	Remarks
GHG emission (Scope 1)	tCO_2e	855.50	862.71	Gasoline,diesel, and natural gas
GHG emission (Scope 2)	tCO_2e	2,275.56	2,295.27	Purchased electricity, heat/steam
Total GHG emissions (Scope 1 + Scope 2)	tCO_2e	3,131.06	3,157.98	——
Data scope: daily operational consumption by the group's headquarters office area, production base, branches, and controlled subsidiaries				

Rooftop PV Power Generation and Consumption of the Company in 2024 (Transition to Green Electricity)

Type	Indicator	Data of 2024	Remarks
Rooftop PV power generation of the Company	Power generation of the Company's rooftop PV power station (MWh)	2,524.1	Group headquarters+production base (Rooftop PV systems)
	Green electricity consumption of the Company (MWh)	1,089.7	Group headquarters+production base (Rooftop PV systems)
GEC application and issuance	Total number of Green Electricity Certificates issued for the Company's rooftop BIPV power generation in 2024	1,308	Production base (rooftop PV system)

2.2 Strengthening Environmental Management

CENTER INT actively responds to the nation's call and fulfills its corporate mission. The Company prioritizes energy conservation, emission reduction, carbon emission reduction, and pollution mitigation as key objectives. We strictly adhere to relevant national environmental management policies and regulations while continuously enhancing our green management mechanisms and improving our environmental management system. By actively engaging in energy conservation, emission reduction, pollution mitigation, and carbon reduction, CENTER INT takes practical actions to protect the green ecology and contribute to the preservation of a sustainable planet.

Improving Environmental Management System

CENTER INT adheres to an environmental management principles of "abiding by the law and discipline, clean production; energy saving and consumption reduction, protection of resources, pollution prevention and environmental care". The Company strictly follows the requirements outlined in the environmental management system documents and ensures that all business activities fall within the scope of the environmental management system. During this reporting period, CENTER INT's environmental management system has functioned effectively. Both CENTER INT group and its production base, as well as CENTER Environmental, have passed the ISO 14001 environmental management system certification.

CENTER INT - Environmental Management System Certificate

CENTER Environmental - Environmental Management System Certificate

Meeting Environment Management Requirements

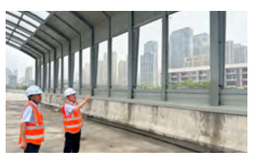
CENTER INT consistently prioritizes environmental protection and strictly adheres to relevant policies and laws, including the "Environmental Protection Law of the People's Republic of China", the "Environmental Impact Assessment Law of the People's Republic of China", the "Water Law of the People's Republic of China", the "Law of the People's Republic of China on Prevention and Control of Water Pollution", the "Law of the People's Republic of China on Prevention and Control of Atmospheric Pollution", the "Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste" and the "Law of the People's Republic of China on Prevention and Control of Noise Pollution". In accordance with the requirements of the Company's environmental management system, various systems and measures are continuously refined to ensure that the environmental system operates efficiently and in compliance with laws and regulations.

The Company implements and maintains the "Environmental Operation Control Procedure" to effectively manage energy resource conservation and pollutant emissions across its production and operations, daily office activities, engineering construction, and other processes. For important places such as the office area, production base, and project department, all relevant units of the Company strictly follow the requirements of the Environmental Management Handbook and procedure documents, organize and carry out environmental factor identification, categorize major environmental factors, set out environmental management goals, formulate management plans, and regularly monitor them to minimize risks.

Each unit of the Company regularly organizes internal audits and management reviews of the environmental management system to establish a closed loop in environmental management. Although the Company and its controlled subsidiaries are not classified as key monitoring units designated by the Ministry of Ecology and Environment, the Company employs PDCA closed-loop management to continuously enhance its environmental performance.

Enhancing Environmental Protection Training and On-site Supervision

To better monitor and assess environmental conditions, all units of the Company conduct regular environmental monitoring and assessments to ensure compliance with the requirements of the management system. The Company regularly organizes monthly, quarterly, and specialized environmental protection training programs. Additionally, the Company conducts regular environmental protection inspections and ensures the effective implementation of all corrective measures.



Environmental Protection Inspection on Construction Project Site

Improving Accident Emergency Response Capabilities

To promptly identify potential environmental pollution risks, emergencies, and accidents, and to enable timely responses for preventing or mitigating possible adverse impacts and personal injuries, the Company implements and maintains the "Emergency Preparedness and Response Control Procedure". Each unit identifies potential emergencies and accidents based on recognized significant environmental factors/hazard sources, and develops preventive measures and emergency response measures (emergency response plans), aiming to minimize the impact of emergencies and accidents. Furthermore, in alignment with potential environmental incidents and emergency response plans, all units conduct regular training and drills to effectively enhance their emergency response capabilities.

2.3 Engaging in Green Operation

CENTER INT is committed to the path of green and sustainable development by fully implementing the concept of ecological development and integrating green operations into all aspects of the Company's production and operations. The Company actively assumes environmental protection responsibilities and, in line with its business development, comprehensively takes initiatives for energy conservation, emission reduction, carbon emission reduction, and pollution mitigation. This commitment supports China's "Blue Sky, Clear Water, and Clean Soil Campaigns". CENTER INT is dedicated to pursuing a new development path characterized by low resource consumption, reduced environmental pollution, and positive economic benefits. The focus is on building "green factories" while engaging in energy conservation, emission reduction, pollution mitigation, and carbon reduction, thereby accelerating the transition towards a green and low-carbon economy.

Building a "Green Factory"

Establishing a green factory management organization

CENTER INT places significant emphasis on the construction of a green factory. In 2023, the Company initiated the construction of its green factory and established a green factory management organization to oversee the green factory construction. A green factory construction working group and a specialized office have been formed to promote and coordinate related efforts. The Company has developed a "Green Factory Management Manual" to outline medium- and long-term planning and annual work goals, specific performance indicators, and implementation plans. This manual is disseminated to all employees through formal documentation, internal training sessions, and special meetings.

Implementing various critical initiatives

All departments make concerted efforts to advance the construction of the green factory according to their respective responsibilities. The Company has established an energy management system and an energy information platform, implementing a variety of initiatives. We have passed the energy management system certification. Additionally, the Company has enhanced its ESG management and publicly disclosed its performance and management outcomes in environmental sustainability, social responsibility, and governance practices through its ESG report. The Company engaged a third-party organization to conduct GHG verification and product carbon footprint accounting, enabling a better understanding of carbon emission sources and the product carbon footprint. The Company continues to advance its intelligent and digital transition by leveraging technologies such as the Internet of Things, big data, and artificial intelligence to achieve intelligent management of production processes. This approach effectively enhances efficiency and minimizes waste. Additionally, we further strengthen the management of wastewater, waste gas, solid waste, and noise to ensure that all pollutant emissions comply with relevant national and local standards. Moreover, we actively promote the concept of resource recycling across the group, continually improving its waste classification and recycling management system to enhance resource utilization and minimize pollutant emissions.

Conducting specialized training on the green factory

In response to the needs of green factory construction, the Company has developed an annual training plan aimed at enhancing employees' enthusiasm for participation in this initiative. The Company encourages employees to engage actively in various activities related to green factory construction and has established corresponding incentive mechanisms. Employees or teams that make outstanding contributions in areas such as energy conservation, emission reduction, and resource recycling are recognized and commended. This approach motivates all employees to take part in the green factory construction through exemplary demonstrations.

Green Factory Training Site

Green Factory Diagnosis and Assessment

On-site Green Factory Assessment

In May 2024, in accordance with the green factory assessment standards, the Company initiated a diagnosis and assessment of its green factory efforts. We engaged a third-party organization to conduct a review and diagnosis of our application for the green factory designation. The assessment focused on seven key areas: general requirements, infrastructure, management systems, energy resource input, products, environmental emissions, and performance. The diagnosis, analysis, and assessment were conducted from multiple dimensions. Following the diagnosis, the third-party organization provided a green diagnosis and assessment report.

Recognized as a "Green Factory"

In August 2024, CENTER INT was included in the List of Beijing Green Manufacturers 2024 and was awarded the title of Beijing Municipal Green Factory. In January 2025, the Company successfully secured a place in the List of Green Manufacturers 2024 issued by the Ministry of Industry and Information Technology and received the national "Green Factory" title. As a pioneer in the building photovoltaic industry, the Company is dedicated to becoming a benchmark for green factory construction, actively leading the entire industry towards sustainable and low-carbon development, and contributing to the acceleration of society's green and low-carbon transition.

For CENTER INT, being recognized as a "green factory" is not the culmination of its efforts. The Company will continue to enhance relevant mechanisms based on recommendations from the green diagnosis report and will strengthen and consolidate the foundations of the green factory. Moving forward, the Company will monitor the progress of various initiatives through regular spot checks and other measures, consistently promoting the implementation of these tasks and ensuring that the designation of CENTER INT Green Factory remains a shining example in the industry.

Energy Management

CENTER INT places significant emphasis on energy management and adheres strictly to the "Law on Energy Conservation of the People's Republic of China", the "Renewable Energy Law of the People's Republic of China", the "Law of the People's Republic of China on Promotion of Clean Production", and other relevant policies and laws. The Company has established an energy management system, launched an energy information platform, and implemented intelligent monitoring and management of energy equipment operations. Furthermore, CENTER INT engages in clean production by actively phasing out outdated production equipment and processes and strengthening its technological upgrading efforts. The Company is committed to energy conservation and has implemented various measures aimed at reducing energy consumption and emissions.

During this reporting period, CENTER INT passed the ISO 50001 energy management system certification.

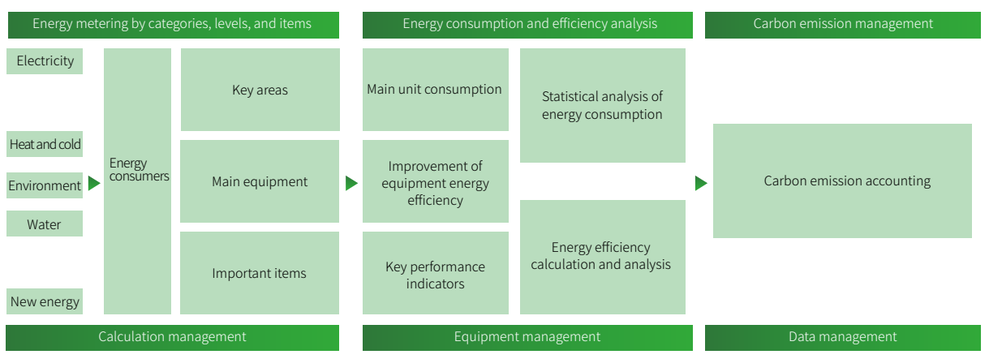
Establishing an energy management system

CENTER INT continues to advance the development of its energy management system. It has independently developed an energy management system and refined the energy metering system to implement categorized and tiered energy management. Through three-tier metering of major energy-consuming equipment and critical work sections, the energy management system enables online energy consumption monitoring and hierarchical management, driving optimization and upgrading of corporate energy usage.

Energy Management System

Establishing an energy management platform

The Company deployed networks and installed intelligent collection equipment based on the location and distribution of field meters to achieve real-time power data collection, ensuring that the data is both balanced and accurate.

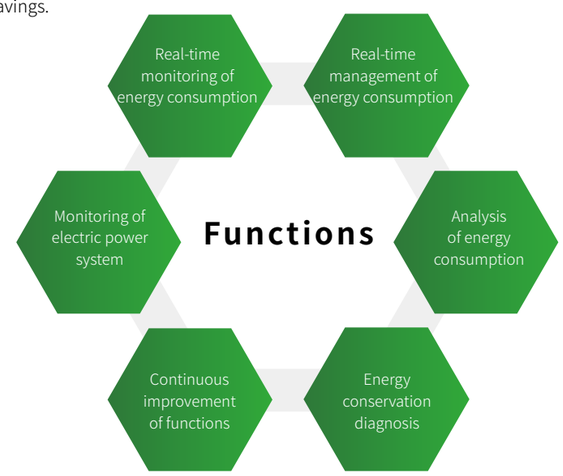


Configuration of metering equipment and facilities

In accordance with the requirements for promoting the energy management system, the Company further configured and improved the relevant metering equipment. Upon completion of the equipment configuration, the high-voltage incoming line cabinet in the distribution room is equipped with 2 primary meters, while the main incoming line switch cabinet of the low-voltage distribution cabinet is equipped with 2 secondary meters. Additionally, each branch switch of the low-voltage cabinet is equipped with 51 tertiary meters. The incoming line cabinet includes a metering terminal, and the remaining feed-out cabinets utilize communication management to interface with the original door-mounted meters for data collection.

Real-time energy monitoring and management

The energy management system is robust and offers functions such as real-time energy consumption monitoring, real-time energy consumption management, energy consumption analysis, energy conservation diagnosis, and power system monitoring. Utilizing digital technologies, it manages carbon emissions across various time dimensions—daily, monthly, and yearly—for different types of energy use, consumption, and conversion within the enterprise, categorized by areas, workshops, production lines, and equipment. This system accurately predicts energy consumption and carbon emission trends and provides insights into internal energy efficiency levels and potential energy savings.



Successfully passing the energy management system certification

In accordance with the requirements for the energy management system outlined in GB/T 23331, CENTER INT has established a comprehensive energy management system, appointed a system leader, and compiled relevant documents. The Company strictly adheres to these requirements to effectively implement various measures.

As of April 2024, CENTER INT's energy management system has been operating effectively. The Company has passed the energy management system certification (GB/T 23331-2020/ISO 50001:2018) by a third-party organization and obtained the Energy Management System Certificate.

Energy Management System Certificate of CENTER INT

Engaging in energy conservation and carbon reduction

Transition to clean energy

CENTER INT is both a clean energy provider and a clean energy user and advocate. The roofs of the group's headquarters office area and production base workshops are equipped with BIPV systems, maximizing the value of these roofs. The power generated by the rooftop PV systems not only meets the electricity consumption needs for production and domestic purposes but also generates economic benefits for the Company through surplus power generation.

In 2024, the rooftop PV systems at the group's headquarters office area and production base produced **2,524.1** MWh of electricity, while green electricity consumption reach **1,089.7** MWh. Additionally, the Company has developed a smart monitoring, operation and maintenance system for roof and photovoltaic. This system can monitor the operation and real-time data of the photovoltaic power station, enabling intelligent operation and maintenance.

Rooftop PV System at Headquarters Office Building

Rooftop PV System at Production Base

Energy conservation and carbon emission reduction in production

The production base places great emphasis on energy conservation and emission reduction, achieving effective energy conservation, emission reduction, and carbon emission reduction through measures such as energy-efficient design for buildings, upgrading lighting facilities, optimizing production processes, and utilizing electric vehicles.

1.Implementing the energy-efficient design concept	The workshops and office buildings of the production basez primarily rely on natural light, supplemented by artificial lighting. All emergency lighting and workshop lighting in the base utilize LED fixtures. The lighting for different areas, such as office buildings, production workshops, and gatehouses, is designed with varying levels, and adjustments are made according to the specific conditions of different working scenarios.
2.Upgrades of lighting facilities	All high-energy-consuming traditional lamps, including outdoor lamps and metal halide lamps in the workshops and office buildings of the production base, have undergone energy-saving upgrades. They have been entirely replaced with LED energy-saving lamps, achieving a **100%** utilization rate of energy-saving lamps.
3.Continuously promoting production optimization	The production base utilizes domestically advanced automatic production lines for its special equipment, ensuring that the operating efficiency and key performance parameters meet the requirements for economical operation. By optimizing equipment utilization based on the actual management of working hours, the Company aims to enhance the overall utilization rate of equipment while reducing resource and energy consumption.
4.Use of electric vehicles	The production base continues to advance equipment upgrades. In 2024, two new 3.5-ton electric forklifts were put into operation, marking significant progress in energy conservation and carbon emission reduction following the transition to electric vehicles in 2023.

Energy conservation and carbon emission reduction in construction

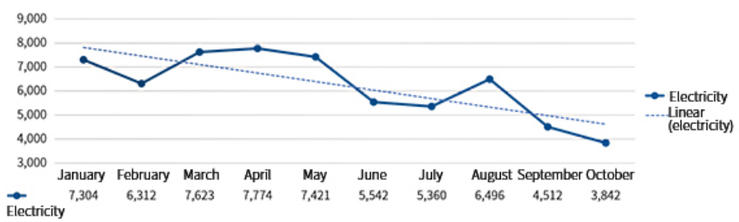
Based on the environmental management system, CENTER INT adheres to green construction requirements and rigorously implements measures for energy saving, land saving, water saving, material saving, and environmental protection. The Company is committed to enforcing energy conservation and consumption reduction initiatives. Building metal cladding and BIPV construction sites primarily utilize electricity as their energy source, while environmental protection project sites rely on both electricity and gas. The gas is mainly used for soil and groundwater remediation projects. The Company enforces the project construction plan for each site, requiring all project departments to strictly adhere to energy-saving and emission reduction measures and enhance on-site supervision and inspection to ensure that all environmental protection measures are fully implemented.

Case

Case: Achieving Energy Conservation and Consumption Reduction by Using an Intelligent Control System

A soil and groundwater remediation project in Shandong primarily utilizes water and electricity as its energy sources. The project has installed 5 wells to monitor changes in groundwater pollution indicators in real-time. It employs an online continuous pumping model, with power supplied to the water pumping equipment as needed, 24 hours a day. To save energy and optimize the on-site operation model, the project department proposed the use of real-time monitoring probes to collect characteristic pollutant information in addition to the original monitoring indicators and integration into the extraction system for coordinated regulation to achieve dynamic adjustment. When pollutant concentrations are high, the extraction system is activated and is turned off once the concentration drops to a specified threshold. This approach reduces the operation time of the extraction system, minimizes electricity consumption, and helps maintain water quality. As an example, the statistics regarding on-site comprehensive electricity consumption data of a plot of the project in 2024 are provided in the chart below.

Comprehensive Electricity Consumption by Plot 7 in 2024 (Unit: kWh)



The chart indicates that electricity consumption in February is relatively low, with an average monthly electricity consumption of 7,000 kWh during typical periods. The on-site operation model was upgraded, and after implementing probes for regulation in May, the overall trend in comprehensive electricity consumption showed a significant decrease starting from the following month.

Additionally, the site is equipped with 5 online groundwater monitoring devices, 4 of which can produce green energy that fully supports their operations.

Self-supplied Green Electricity

Energy consumption data in 2024

Category	Unit	Annual consumption in 2024	Annual consumption in 2023
Gasoline	t	267.75	264.98
Diesel	t	5.38	9.69
Natural gas	m^3	24,460	25,361
Purchased electricity	MWh	2,030.70	2,157.88
Heat	GJ	8,556	7,306
Data scope: daily operational consumption by the group's headquarters office area, production base, branches, and controlled subsidiaries			

Water Conservation

CENTER INT actively responds to China's goal of building a resource-conserving and environmentally friendly society. The Company adheres to the path of sustainable development, engages in resource conservation, promotes the green application of resources, strengthens resource recovery and recycling, minimizes pollution emissions, and contributes to the nation and society's green and low-carbon transition.

Utilization of Efficient Water-saving Appliances

CENTER INT's daily water consumption is mainly domestic water, and basically no water is required in the production process. All water supply fittings of the Company are water-saving products, which meet the requirements of "Domestic Water Saving Devices" (CJ/T164-2014) and "Technical Conditions for Water Saving Products and General Regulation for Management" (GB/T18870). The Company's sanitary appliances are all products with efficiency grade II, and the faucets in public toilets are automatically controlled by induction.

Installation of Water Metering Facilities

CENTER INT reasonably provides water metering and safety facilities to effectively manage water resource consumption.

Collection and Utilization of Rainwater Resources

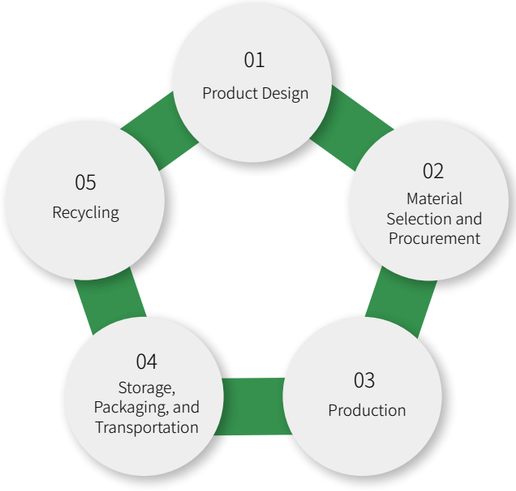
The Company actively promotes rainwater collection and rainwater-sewage diversion to efficiently utilize rainwater resources. The production base has a rainwater collection system. Through the collection and recycling of rainwater resources, about 40 tons of unconventional water can be used each year.

Water resource consumption data in 2024:

Category	Unit	Annual consumption in 2024	Annual consumption in 2023
Purchased municipal water (fresh water)	m^3	37,027.20	38,829.14
Data scope: daily operational consumption by the group's headquarters office area, production base, branches, and controlled subsidiaries			

Greening of Full Production Cycle

CENTER INT integrates the concept of ecological design into product design, adopting a comprehensive approach across the full product life cycle from selection of raw materials, application of clean production technologies to packaging, transportation, and resource recycling. This strategy minimizes resource consumption and pollutant emissions throughout the full product life cycle.



Selection of Raw Materials

The production base strictly follows the "Company Environmental Management Handbook" and relevant procedure documents, and resolutely does not use harmful prohibited and restricted substances. The procurement information provided to suppliers includes environmental protection requirements such as the use of hazardous substances, the use of recyclable materials, and energy efficiency. Material procurement is based on demand to eliminate waste. In the procurement process, suppliers are required to obtain accreditation and certification for environmental management systems. If they have not yet obtained accreditation for environmental systems, a certification plan shall be formulated to establish a hazardous substance and material identification and control system.

Production and Processing

The production base strictly follows the order requirements for production, avoids overproduction and missed production, controls the plate head and tail materials, and cuts the tail materials into flat plates for processing accessories such as edge trims and folded parts if the tail materials are not enough for the order length. The production base operates in accordance with the operation instructions, strictly controls the production process, eliminates material waste, and improves the first inspection pass rate. The production base regularly conducts process inspections and continuously improves production processes.

Use and Management of Packaging Materials

The production base attaches great importance to the conservation, lightweighting, and recycling of packaging materials, and practices resource conservation and green concepts through practical actions.

Case: During the production and transportation of 1162 panels for the Mercedes-Benz Project in 2024, about 2,000 traditional brackets were required. However, after switching to special trucks for shipment, only 100 purlin brackets were used to transport the finished products to the site through recycling. This project utilized 100 purlin brackets to facilitate the transportation of 120,000 m2 of roof panels, significantly reducing transportation costs and conserving resources.

Warehousing and Transportation

In the warehousing process, there are corresponding storage management regulations for all types of finished products, which are strictly followed to avoid damage to the finished products. The Company has launched a transportation tracking logistics system to track logistics progress in real time, promptly communicate with drivers about the safety of goods, strengthen finished product protection, and reduce losses.

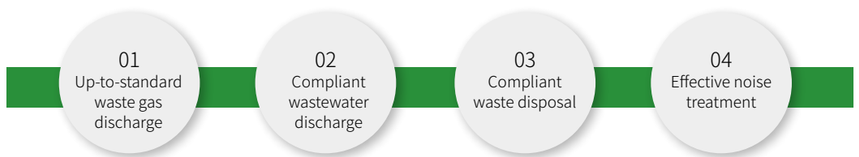
Waste Recycling

The waste materials in the production process mainly include leftover materials, steel plate head and tail materials, etc. Leftover materials can be reused to produce accessories such as supporting plugs for the project (the width of leftover materials generated by each team is required to not exceed 10 cm). In 2024, about 750,000 accessory plugs were processed in the production base, all of which were made of leftover materials and small tail materials from inventory. No raw materials were purchased separately for processing.

The main raw materials for CENTER INT's production and processing are steel, cotton, etc. Both steel and cotton can be disassembled and recycled, with a recycling rate of **80%**。

Pollutant Emission Management

CENTER INT strictly complies with national laws and regulations such as the "Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste", the "Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution", and the "Law of the People's Republic of China on the Prevention and Control of Water Pollution". The Company implements environmental management system requirements, strengthens the prevention and control management of waste gas, wastewater, waste, and noise pollution, and ensures up-to-standard discharge of wastewater, waste gas, waste, and noise through pollutant source management and process control.



Waste Gas Management

The waste gases generated during the production and operation of CENTER INT are mainly waste gases discharged in an organized manner, including oil fume waste gas and production process waste gas. The production waste gas mainly comes from the dust generated during cotton board cutting and composite board shearing/segmentation. Dust collection hoods are installed at all dust-generating points. After treatment by equipment such as bag filters, the dust is directed to the roof of the building for discharge. Oil fume waste gas is mainly generated during food cooking in the kitchen, which is directed to the roof through a dedicated oil fume pipeline and discharged after being treated by an oil fume purifier.

CENTER INT regularly entrusts a third-party agency to conduct testing on waste gas emissions. In 2024, all pollutant emissions from production waste gas and oil fume waste gas of CENTER INT met the requirements of relevant national standards, industry standards, and Beijing local standards, as well as the total emission control requirements in the region.

The construction site of CENTER INT's building metal enclosure and BIPV projects does not directly generate waste gas. The main pollutants generated on site are dust and motor vehicle exhaust. According to management requirements, multiple measures are taken at the project site to control and reduce environmental pollution.

The waste gases generated at the environmental protection construction site of CENTER INT mainly include nitrogen oxides, sulfur oxides, and other gases generated during soil remediation and groundwater treatment. The construction plan and waste gas prevention and control measures are strictly followed on site, and regular testing is conducted. After being treated by treatment equipment to meet the standards, the emissions meet the requirements of the "Integrated Emission Standard of Air Pollutants" (GB 16297-1996).

Waste Gas Treatment Equipment

Wastewater Management

CENTER INT strictly complies with national regulations and standards such as the "Law of the People's Republic of China on the Prevention and Control of Water Pollution" and the "Integrated Wastewater Discharge Standard" (GB8978-1996). The Company implements environmental management system requirements, takes multiple measures to control or minimize wastewater generation, and ensures up-to-standard discharge of wastewater after treatment in accordance with regulations.

CENTER INT's production process does not generate wastewater. The main waste generated at the production site consists of domestic sewage from daily living and office operations. After oil separation treatment, the canteen wastewater is discharged into the septic tank together with other domestic sewage such as toilet flushing wastewater, then enters the municipal sewage pipe network, and finally reaches the Lunan Sewage Treatment Plant in the development zone. The Company's main water pollutant emissions meet the relevant national and Beijing emission standards.

The sewage generated at the construction site of CENTER INT's building metal enclosure and BIPV is mainly domestic sewage. The sewage is settled in a sedimentation tank and then reused for on-site sprinkling to suppress dust. After meeting the required standards, the treated wastewater is discharged into the municipal pipeline. The sewage discharge from the construction site meets the requirements of the national "Integrated Wastewater Discharge Standard" (GB 8978-1996).

The wastewater generated at the construction site of CENTER INT's environmental protection projects is mainly from soil remediation and groundwater treatment. The construction plan and water environment pollution prevention and control measures are strictly followed on site, and regular water environment monitoring is conducted. The wastewater is treated as required to meet the standards before being discharged, and the discharge meets the requirements of relevant standards such as the "Environmental Quality Standards for Surface Water" (GB 3838-2002).

Waste Management

CENTER INT attaches great importance to waste reduction, resource utilization, and harmless management, strictly complies with policies and regulations such as the "Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste", formulates a waste management system, regulates the generation, collection, classification, storage, transfer, and disposal of waste, ensures compliant disposal of waste, and prevents and reduces environmental pollution.

The solid waste generated during the production process of CENTER INT mainly includes steel coil packaging materials (iron sheets), metal leftover materials, waste rock wool (including dust collected by filters), etc. Some of these materials can be recycled for manufacturing smaller parts, while the treatment of non-recyclable waste is entrusted to relevant qualified units for recycling, and corresponding registration records are kept.

The hazardous waste generated during the production process mainly includes waste engine oil and waste oil drums, which are temporarily stored in the hazardous waste temporary storage room in the plant area (hazardous goods warehouse and waste treatment room are set up independently without involving toxic and harmful operation rooms). The hazardous waste temporary storage room is designed in strict accordance with the "Standard for Pollution Control on Hazardous Waste Storage" (GB 18597-2001) and its amendment (2023), and the hazardous waste disposal is carried out in accordance with the Group's "Regulations on Management of Hazardous Waste Storage and Disposal". The hazardous waste is strictly classified and managed, and entrusted to a third-party company for transportation and centralized harmless treatment.

The waste generated at the construction site of CENTER INT's building metal enclosure and BIPV mainly includes domestic waste and construction waste (such as metal scraps, wires, cable heads, and welding rod heads). On-site waste is stored at designated locations as required, reusable waste is reused as much as possible, and recyclable waste is handed over to the waste recycling unit, with recycling and disposal records established. Non-recyclable waste is entrusted to the local qualified sanitation department for unified removal and treatment, with solid waste removal agreements signed. The on-site hazardous waste mainly includes waste chemical material packaging, welding rods, waste glass fiber cloth, waste aluminum foil paper, sandwich panel scraps, paint brushes, etc. The hazardous waste is collected by classification and stored in a closed manner. The on-site hazardous waste is entrusted to the local qualified sanitation department for unified treatment and the power of attorney is retained.

The general waste generated at the construction site of CENTER INT's environmental protection projects includes construction waste, and the possible hazardous waste mainly includes sludge after water treatment and activated carbon after tail gas treatment. The waste is disposed of in accordance with the project construction plan and waste pollution prevention and control measures, and hazardous waste is transferred to qualified units for compliant disposal to prevent secondary pollution.

Noise Management

The noise generated during CENTER INT's production process mainly comes from cutting and bending operations in the production base (mainly from forming machines and bending machines). The production base adopts measures such as reasonable layout of workshop equipment, soundproof enclosures, building sound insulation, foundation vibration reduction, and distance attenuation to control and minimize the impact of noise on the surrounding environment. The production base regularly entrusts a specialized agency to conduct noise testing. The results indicate that all noise emissions comply with the daytime noise emission standard (no operation at night) specified in the "Emission Standard for Industrial Enterprises Noise at Boundary" (GB 12348-2008) (industrial zone).

The noise generated at the construction site of CENTER INT's projects is mainly the on-site construction noise (such as mechanical noise). The project site strictly adheres to the project construction plan and various environmental management systems, formulates noise reduction measures, and conducts regular noise testing to ensure that the noise is controlled within reasonable standards and minimize noise pollution. The noise at the project site meets the requirements of the "Emission Standard of Environment Noise for Boundary of Construction Site" (GB 12523-2011).

Conveying the Concept of Green Office

CENTER INT advocates green office and conveys the sustainable development philosophy to employees. The Company strictly implements various systems such as the "Environmental Health Management System of the New Office Building", "Greening Management Methods", "Management System of the Project Vehicle and Refueling Card", and "Management System of Smoking Control and Environmental Protection", and refines various measures in accordance with the requirements of the "Company Environmental Management Handbook" and procedure documents.

Use and Management of Official Vehicles

CENTER INT strengthens the use and management of office vehicles, formulates a management system for official vehicles, and minimizes energy consumption through reasonable scheduling. For employees related to the project department, the Company has refined the regulations concerning the private vehicle usage for business purposes based on the nature of their work, advocating low-carbon travel, reducing the occupation of public resources, and promoting environmentally friendly travel.

Conservation of Water Resources

The Company rigorously practices water resource conservation, advocating that every employee shall save water by taking small actions in daily routines. The Company's daily water equipment and facilities adopt high-efficiency water-saving equipment to minimize water resource waste.

Advocation for Paperless Office

CENTER INT advocates double-sided printing and strictly manages color printing. Employee document printing is subject to permission management, and non-company employees are not allowed to use it without permission. The Company monitors document printing and establishes a ledger to minimize the waste of paper and consumables.

CENTER INT promotes "paperless office" and advocates online meetings, which not only improves meeting efficiency, but also saves energy, reduces paper use, and effectively saves resources. Employee reimbursement is implemented online, with an electronic reimbursement process and electronic invoice reimbursement, eliminating the need for printing, binding, and scanning, and greatly reducing paper use.

Waste Classification Management

The waste generated in the office area of CENTER INT is mainly domestic waste. The waste is classified and managed, stored at designated locations, and centrally removed by the municipal sanitation department. The disposal of domestic waste strictly complies with the relevant provisions of the "Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste" (2020 Revision) and the "Regulations of Beijing Municipality on the Management of Domestic Waste".

2.4 Facilitating China's Green and Low-carbon Transition

Against the backdrop of China's vigorous promotion of ecological civilization construction, "carbon peaking and carbon neutrality" strategy, and green and low-carbon transition, CENTER INT adheres to its corporate mission of "to create a better working and living environment for human society", and practices energy conservation, emission reduction, pollution reduction, and carbon reduction through practical actions. Additionally, the Company continues to develop and promote new energy and environmental protection businesses, vigorously develops BIPV, and deeply cultivates ecological environment governance, contributing to the green and low-carbon transition of the whole society.

Developing BIPV to Promote Energy Conservation and Carbon Reduction in Buildings

Based on its product technology advantages in BIPV, CENTER INT is committed to providing customers with integrated solutions for the full life cycle of BIPV, facilitating the green and low-carbon transition of the whole society. Since the development of BIPV in 2021, CENTER INT has continuously promoted the upgrading of BIPV products and expanded new application scenarios for industrial and commercial BIPV. Its products have been widely used in industrial plants, transportation hubs, cultural and sports venues, commercial offices, PV carports, and other high-end applications. The Company has also created typical demonstration projects in multiple industry scenarios such as metallurgy, electricity, building materials, equipment manufacturing, and automobile manufacturing.

CENTER INT's BIPV projects are spread all over the country, and the service scope continues to expand. In 2024, the Company undertook and successfully delivered multiple landmark PV power station projects (such as the Quzhou Geely Jidian PV Project and the Shiyan Dongfeng Commercial Vehicle PV Project), setting several industry-first records and continuously contributing to customers' energy conservation and carbon reduction, green and low-carbon transition of key industries, and national "carbon peaking and carbon neutrality" strategy.

Case

Case 1: Quzhou Geely Jidian PV Project

The Quzhou Jidian Three-Electric Intelligent Manufacturing Factory is the world's largest integrated intelligent manufacturing factory for three-electric and energy storage systems to date. It efficiently utilizes about 380,000 m^2 of factory roofs, vigorously builds PV power stations, and promotes the application of green energy. The project has a total installed capacity of 77MW MW and will be implemented in three phases. The entire project is expected to be completed and connected to the grid within two years. Upon completion, it will become the largest BIPV project in Zhejiang.

Quzhou Jidian Three-Electric Intelligent Manufacturing Factory BIPV

Grid Connection of Quzhou Jidian Three-Electric Intelligent Manufacturing Factory Phase I Project

The distributed industrial and commercial roof-specific BIPV product - LONGi Roof jointly developed by LONGi & CENTER INT has been selected for the project.The Phase I of the project with a capacity of 29.4 MW was successfully connected to the grid in April 2024.

The LONGi Roof BIPV product integrates four core values: safety and reliability, high efficiency and leadership, steady returns, and peace of mind. It boasts exceptional performance in leakage prevention, corrosion resistance, fire resistance, typhoon resistance, and attenuation resistance, achieving a 25-year service life with the same lifespan for PV and roof, and providing enterprises with long-term and stable green energy solutions.

The project adopts an operation mode of "self-generation and self-consumption, with surplus electricity being fed into the grid". According to design data, after completion, it is expected that the average on-grid power generation over 25 years will be about 73,440 MWh, which can save about 22,100 tons of standard coal and reduce carbon dioxide emissions by about 60,300 tons each year. This achievement has significantly increased the proportion of green electricity used in corporate production, reduced energy costs, and had a profound impact on energy conservation, emission reduction, and environmental protection. It has made significant contributions to achieving the national "carbon peaking and carbon neutrality" goals.

Case

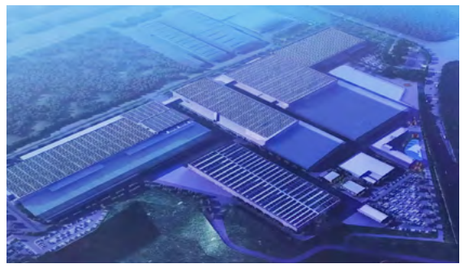
Case 2: Shiyan Dongfeng Commercial Vehicle Roof Distributed PV Power Generation Project

The CR Power Dongfeng Commercial Vehicle Roof Distributed PV Power Generation Project is located in Zhangwan District and Maojian District, Shiyan City. The project involves 5 factories including Dongfeng Commercial Vehicle Longqing Power Factory, Vehicle Factory, New Body Factory, Xiping Logistics Factory, and Special Purpose Vehicle Factory, with a total construction area of about 420,000 m^2.

The project is an integrated PV-storage-charging green park project, including BIPV new PV building integration project, BAPV traditional roof PV project, user-side energy storage power station, and factory charging station project. The total planned capacity of the PV project is **57.1MW**, and the total planned capacity of the energy storage power station project is 7.5 MW/15 MWh.

As a leading domestic BIPV solution service provider, CENTER INT has fully undertaken the roof system upgrade and PV integration projects for 5 factories including Longqing Power Factory under Dongfeng Commercial Vehicle Group. There are three modes of project implementation:

- New roof + BIPV system: The advanced BIPV technology - LONGi Roof 4.0 system is adopted, which has the characteristics of excellent wind resistance, zero leakage guarantee, superior corrosion resistance, and efficient PV integration, achieving perfect integration of structure and energy
- Demolition and replacement of existing roof + BIPV renovation: The existing roof is structurally demolished and simultaneously upgradedto LONGi Roof 4.0 system
- Retention of existing roof + reinforcement and installation of BAPV: Additional building-attached photovoltaic (BAPV) modules are installed without damaging the original roof, adapting to the existing factory conditions



Shiyan Dongfeng Commercial Vehicle Factory BIPV

Grid Connection of Shiyan Dongfeng Commercial Vehicle Factory Project

After the project is completed, the average annual power generation during the 25-year operation period will be about 56,340 MWh, and the annual electricity sales revenue can reach RMB 30 million. After being put into operation, it can save about 17,000 tons of standard coal and reduce carbon dioxide emissions by about 46,300 tons each year, with significant energy-saving and emission reduction benefits.

The project not only serves as an effective supplement to the energy supply in the Shiyan region but also, as a source of green electricity, helps alleviate environmental protection pressures on the local power industry. It promotes sustainable regional economic development and will play a positive role in driving the rapid growth of the local economy.

Case

Case 3: Wuhu LONGi BIPV Project

Wuhu LONGi Photovoltaic Technology Co., Ltd., as a wholly-owned subsidiary of LONGi, has been committed to building an ultra-large PV module manufacturing base worth RMB 100 billion since April 2022. The project utilizes the Company's BIPV LONGi Roof product, and installs roof PV power stations in 6 roof spaces on the roofs of 1#, 2#, 3#, and 4# production workshops as well as the 1# and 2# finished product warehouses within the factory area, with an installed capacity of **28.3MW**. It has been connected to the grid for power generation in November 2024.

Wuhu LONGi Factory BIPV

Grid Connection of Wuhu LONGi Factory Project

As a green energy building material specifically designed for industrial and commercial roofs, the LONGi Roof product integrates four core values: safety and reliability, high-efficiency power generation, steady returns, and peace of mind. The LONGi Roof series products have performance in leakage prevention, corrosion resistance, fire resistance, typhoon resistance, and attenuation resistance, ensuring that the roof and PV system have the same lifespan and quality, laying a solid foundation for the long-term stable operation of the project. Equipped with the world's first smart roof and PV monitoring and O&M system featuring independent intellectual property rights, it provides customers with 25 years of safe, stable, and reliable returns.

The project adopts the mode of "self-generation and self-consumption, with surplus electricity being fed into the grid". It is expected to provide 27.68 million kWh of clean electricity each year, which can save about 8,349 tons of standard coal and reduce carbon dioxide emissions by about 22,700 tons. While enhancing the aesthetics of the building, it also gives the building practicality and low-carbon performance, and practices the concept of manufacturing clean energy with clean energy through practical actions.

Deeply Cultivating Soil and Groundwater Remediation to Support the National Defense of Pollution-free Land

In the field of ecological and environmental protection, CENTER INT actively responds to the national call for ecological civilization construction, upholds the principle of "clean land brings a peace of mind", and is committed to providing customers with comprehensive solutions throughout the entire process of soil and groundwater remediation. CENTER INT's environmental protection projects have horizontally integrated an industrial chain dominated by technology, products, equipment, engineering, and services, while vertically connecting a value chain centered on site planning, design, development, and operation. The Company boasts a professional technical team, strong R&D and innovation capabilities, and rich construction management experience.

Over the past 7 years, CENTER INT has pursued a green development path that harmonizes economic development with environmental protection, achieving remarkable achievements in the field of soil and groundwater remediation. The Company has successively undertaken numerous domestically high-profile soil remediation projects across industries such as steel, nonferrous metallurgy, chemicals, coking, pesticides, and papermaking, contributing to ecological pollution control in various industries and supporting the national "Soil Pollution Prevention Campaign".

Case

Case 1: Soil Disposal and Phased Groundwater Monitoring Project at a Paper Mill Plot in Shandong

The site was initially established in 1991, with its primary operations focusing on papermaking, chemical production, and thermal power generation. Due to the extensive accumulation of industrial waste on the site, mainly including wastewater treatment sludge, salt mud, white mud from paper mill, as well as slag, fly ash, and desulfurization gypsum from power plant, there is a significant risk of migration and dispersion of highly toxic and hazardous substances. In order to eliminate potential pollution hazards within the plot and ensure human health, it is necessary to carry out contaminated soil disposal and risk control implementation work for this plot.

Project Overview

Remediation scale: About 700 m^3 of contaminated soil remediation + about 400,000 m^2 of groundwater risk control range

Main pollutants: Heavy metals and volatile organic compounds

Technical route: Ambient-temperature desorption and continuous groundwater monitoring

Project Features

Typical groundwater continuous monitoring demonstration project

Facilitating green transition and upgrading for typical enterprises

Case

Case 2: Pollution Control Project at a Chemical Plot in Anhui

The site was completed and put into operation in 1957, and was shut down and relocated in December 2013. Its historical functional zones mainly include air separation zone, electrification zone, liquid nitrogen zone, vinyl chloride zone, acetylene zone, pesticide zone, and thermal power zone. The areas with higher potential pollution risks include pesticide zone and liquid chlorine workshop.

Project Overview

Remediation scale: About 200,000 m^3 of contaminated soil remediation + about 100,000 m^3 of groundwater remediation

Pollutants: Heavy metals, volatile and semi-volatile organic compounds

Technical route: In-situ gas thermal desorption

Project Features

Facilitating Yaohai District in building a demonstration for industrial transition of old industrial bases

Typical chemical industry contaminated site remediation demonstration project

Advancing Noise Treatment to Safeguard Public Peace and Quiet

CENTER INT vigorously develops noise treatmentbusiness. The Company has established strong product technology strength, and accumulated rich experience in noise treatment. The Company possesses the capability to independently implement large-scale steel structure, enclosure system, and sound barrier works, accumulating extensive experience in design, production, and construction. We have undertaken nearly 60 railway sound barrier works, involving multiple national railway lines under the "ten north-south and ten east-west" network, and have completed numerous iconic projects across the four major transportation sectors: railway, urban rail, municipal road, and expressway. After more than 10 years of development, CENTER INT has become one of the main providers of noise treatment solutions in China for railway, urban rail, municipal road, and expressway, establishing a strong brand image in the field of high-end noise treatment.

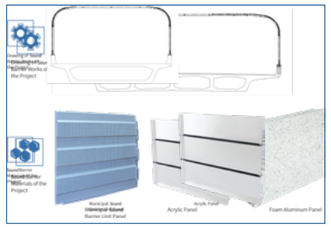
Case

Case 1: Sound Barrier Works of Baishazhou Avenue Rapid Reconstruction Project

(Wuhan's first sound barrier works for prefabricated bridge)

The works belong to a key initiative in Wuhan City, featuring a 4,070 m long sound barrier that ingeniously combines vertical and enclosed noise treatment methods. With its elegant bridge design, it stretches across the river city, promoting the upgrading of regional development while optimizing the regional ring-radiation road network system.

Sound Barrier Works of Wuhan Baishazhou Avenue Rapid Reconstruction Project



Sound Barrier Materials of the Project

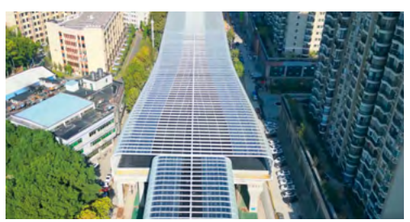
Utility Model Patent

Case

Case 2: Wuhan Youyi Avenue Rapid Reconstruction Project

(Marking the completion of Wuhan's "three rings and thirteen radiations" expressway network)

The sound barrier of this project has a total length of 1,360 m, integrating 8 different specifications and types of sound barriers. Like a "rainbow" arching over the avenue, it achieves a "dual compliance" in both performance and aesthetic value. As a key component of the "three rings and thirteen radiations" expressway network system in the main urban area of Wuhan, it significantly alleviates noise pollution in the surrounding areas.



Sound Barrier Works of Wuhan Youyi Avenue Rapid Reconstruction Project

Sound Barrier Materials of the Project

03 Practice Responsibility for Win-Win Results for All Parties

CENTER INT adheres to the business philosophy of "Win-win results for all parties, Charity and altruism", striving to build a comprehensive social responsibility ecosystem. CENTER INT actively builds a "family" culture, providing employees with a safe and healthy working environment, comprehensive rights protection, and career development mechanisms suitable for different employees. CENTER INT attaches great importance to employee occupational health and safety, increases investment in safety, and improves the occupational health and safety management system. CENTER INT actively fulfills its social responsibilities by proactively participating in public welfare initiatives and various charitable activities, while also promoting the development of communities and schools. CENTER INT always adheres to the principle of transparent procurement, and continuously fosters mutual exchange and empowerment with the supply chain to jointly build a healthy supply chain collaboration system.

3.1 Employee Welfare

3.2 Occupational Health and Safety

3.3 Community Improvement

3.4 Responsible Supply Chain

SDGs addressed in this chapter (United Nations Sustainable Development Goals)

Employee recruitment and development:

- The proportion of labor contracts signed in accordance with the law in 2024 was **100%**
- The average training hours of employees in 2024 was **37.0h**

Employee care:

- The union membership rate in 2024 was **100%**
- The proportion of personnel in occupational disease risk positions participating in occupational health examinations was **100%**

Supporting the country in solving the employment of college students:

- **89** college students were recruited in 2024 to support the country in solving the employment of college students

Safety management responsibilities:

- In 2024, a total of **149** senior executives and sales center cadres participated in the work safety patrol inspection, covering **191** patrol inspection items

Responsible supply chain:

- In 2024, there were **36** exchanges and training sessions with material suppliers and **40** exchanges and training sessions with labor subcontractors
- In 2024, the proportion of signing codes of conduct with material suppliers was **100%**, and the proportion of signing environmental and labor requirements clauses with labor subcontractors was **100%**

3.1 Employee Welfare

CENTER INT always adheres to the corporate mission of " to create a better working and living environment for human society", continuously improves the human resource management system, introduces talents through multiple channels, continuously optimizes the talent structure, and provides attractive and competitive employee compensation and welfare guarantees. CENTER INT strengthens incentive mechanisms, improves employee growth and career development channels, continuously stimulates employee vitality, creates a fair, open, harmonious, and inclusive working environment, and safeguards employee rights and interests.

In 2024, due to our continuous outstanding performance and practice in "corporate culture, talent strategy, employee welfare, and social responsibility", the Company was once again awarded the honorary title of "2024 Greater China Outstanding Employer Brand" by the Organizing Committee of the 15th Beijing Human Resources Expo.

Equal Employment and Safeguarding Employee Rights and Interests

CENTER INT strictly complies with laws and regulations such as the "Labor Law of the People's Republic of China" and the "Labor Contract Law of the People's Republic of China". In accordance with the labor standards of the country and region where the Company is located, and in combination with the actual situation of the Company, we have improved internal system documents such as the "Recruitment Management System" and the "Employee Handbook", explicitly prohibiting any discrimination based on non-work-related factors, creating a diverse and inclusive working environment, and safeguarding employee rights and interests.

Adhering to the Principle of Equal Employment

The Company adheres to the principle of equal and diverse employment, explicitly prohibiting discrimination in recruitment, promotion, training, compensation and benefits based on non-work-related factors such as race, skin color, gender, age, religious beliefs, disability status, and ethnicity, and incorporating relevant content into new employee induction training courses.

Strictly Controlling the Recruitment Process to Eliminate Discrimination

CENTER INT strictly requires the Company's Human Resources Department to strictly control the position qualifications during the recruitment information release stage to avoid possible implicit discrimination. In the resume screening process, the Human Resources Department will strictly follow the job description and employment standards, and conduct strict review and correction of potential discrimination risks.

The Company's interviewer team needs to receive professional training on the interview process, focusing on candidates' job competencies and post matching degree during actual interviews. Interview questions cannot involve irrelevant information.

Regularly Monitoring Data to Ensure Equal Employment of Employees

The Company has established a regular data collection and monitoring mechanism to collect and analyze key indicators such as employee age distribution, gender ratio, ethnic composition, and proportion of disabled employees, so as to evaluate the Company's implementation effectiveness in equal employment. Through data comparison and trend analysis, potential unequal employment risks can be identified and avoided in a timely manner.

CENTER INT firmly prohibits the employment of child labor, forced labor, and other behaviors, establishes a reporting mechanism, and strictly controls illegal employment. The Company supports international initiatives related to labor rights, adheres to equal employment and equal pay for equal work, avoids any discrimination, and respects employees' rights to freedom of assembly and association in accordance with the law.

In 2024, CENTER INT did not experience any incidents of labor discrimination, harassment, employment of child labor, forced labor, or other violations of labor rights policies.

Practicing Diversity, Equality, and Inclusion

CENTER INT adheres to an open and inclusive employment philosophy, creating an equal and diverse employment environment, and building an inclusive employment ecosystem. The Company is committed to the overall strategic development, focusing on the strategic direction of talent introduction. Through diversified channels, it actively recruits talents from various regions, striving to provide equal employment opportunities for individuals of all nationalities, ethnicities, cultural backgrounds, genders, and physical disabilities.

Talent Introduction through Multiple Channels

The Company employs a variety of recruitment channels to attract talented individuals from diverse backgrounds: On the one hand, we actively foster university-enterprise cooperation and participate in industry exhibitions and professional forums. On the other hand, we leverage online channels such as social media platforms and professional recruitment websites to widely publish recruitment information and expand the scope of recruitment to attract talents with diverse backgrounds.

The Company also strongly advocates for internal recommendations from employees, relying on existing employee interpersonal networks to screen high-quality talents who meet both the job requirements and the corporate culture of the Company.

Care for Female Employees

The Company highly respects and supports the career development of female employees. Through the Female Employee Committee, it establishes a comprehensive care system and regularly organizes care activities for female employees. The Company strictly implements the national parental leave policy and provides diversified care and support for female employees, including nursing mother's rooms and special assistance during their Special Physiological Periods.

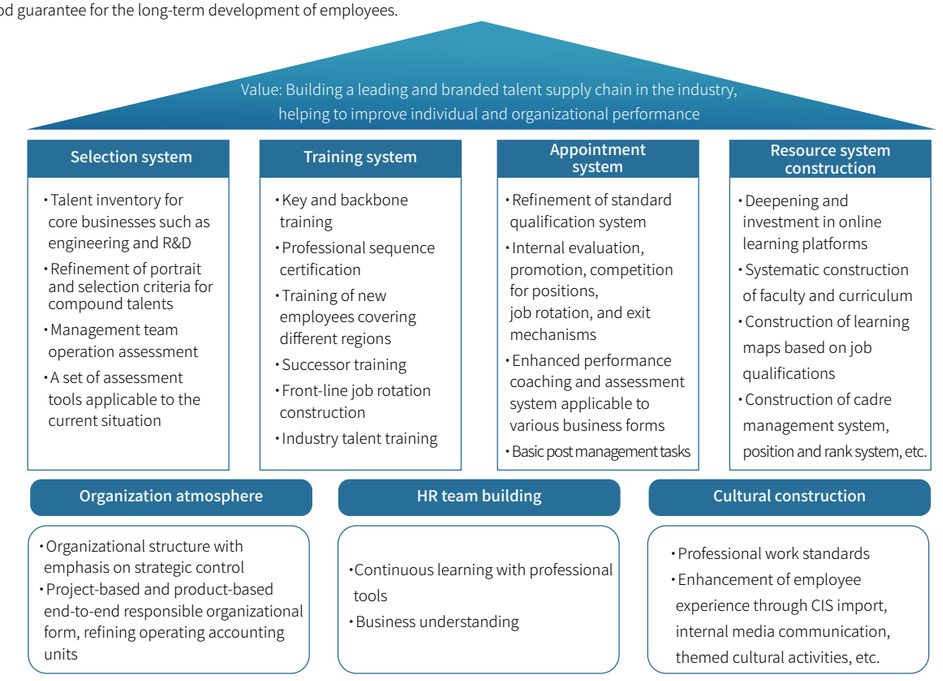
Strict Violation Handling to Ensure Fairness and Justice

The Company has established a rapid response and investigation mechanism for employment and recruitment violations. Upon discovery of any violations, a special investigation team will be immediately established to respond in time and understand the reasons comprehensively, objectively, and impartially. If it is verified that there are indeed recruitment violations, the Company will take strict corrective and remedial measures, hold relevant personnel accountable, and impose penalties in accordance with regulations. After the incident is handled, the Company will promptly organize an internal communication meeting to report the results of the incident handling, and simultaneously strengthen recruitment compliance training to establish a solid foundation for prevention at the institutional level.

Talent Attraction and Retention

Talent Philosophy

The Company adheres to the talent development concept of "attracts talents with career, cultivates talents with practice, and achieves talents with development", and cultivates a nurturing environment—a "Big Family, Great School, Grand Stage"—transforming the Company into a warm family for our employees, a knowledge school for growth and development, and a vibrant stage for showcasing their talents. The Company establishes an attractive compensation incentive mechanism and a welfare guarantee system, establishes a complete and smooth career development channel, and provides good guarantee for the long-term development of employees.



Talent Development Strategy Map

Talent Recruitment

The Company attaches great importance to the recruitment and cultivation of fresh graduates, actively responds to the national employment stabilization policy, supports the country in addressing fresh graduate employment, attracts outstanding fresh graduates, and cultivates a reserve talent pipeline. The Company has established a special campus recruitment team and has introduced more than 500 fresh graduates in the past three years. Additionally, the Company provides a "721" training mode for fresh graduates, establishes a "Fit-in the Company" training mechanism, and fulfills corporate social responsibility through practical actions.

512 fresh graduates recruited in the past three years

More than **100** partner universities

14 days of paid off-the-job training for fresh graduates in 2024

Comprehensive Compensation and Benefits System

CENTER INT has formulated systems such as the "Compensation Management System" and continuously optimized the Company's compensation and benefits management system. When determining employee compensation, the Company consistently adheres to the principles of compliance, fairness, reasonableness, and competitiveness, determines the compensation based on positions, ensures that the compensation levels are aligned with the value of positions, and fully reflects the principle of unifying "responsibility, authority, and benefit". The Company is committed to providing employees with market-competitive salaries. By conducting regular industry salary benchmarking, it ensures that the overall compensation remains within a reasonable market range, effectively attracting and retaining core talents. For employees in key positions and with excellent performance, the Company implements an appropriate salary differentiation mechanism to enhance the incentive effect and fairness of the compensation system.

The Company has formulated and continuously improved the "Employee Benefits Handbook" to effectively provide welfare protection for employees. In addition to statutory benefits, the Company has added supplementary benefits such as commercial insurance, paid annual leave, sick leave, holiday benefits, meal subsidies, and transportation subsidies to provide employees with welfare protection covering multiple scenarios such as employee business, life, communication, and care, and continuously improve employee satisfaction and sense of belonging.

Performance Evaluation and Employee Motivation

CENTER INT attaches great importance to the construction of talent teams, implements differentiated assessments for employees at different levels and in different types of positions, establishes a classified and graded employee incentive mechanism that combines "short-term, medium-term, and long-term", strengthens the implementation of the assessment incentive mechanism, fully motivates and mobilizes employees' subjective initiative, ensures employees' work enthusiasm and career stability, and thus enhances the Company's core competitiveness and sustainable development capabilities.

The Company has established a "performance-oriented" incentive and restraint mechanism, adhering to the scientific management orientation of "promoting the capable, rewarding the excellent, demoting the mediocre, and eliminating the inferior". The evaluation results are linked to salary distribution, bonus distribution, and career promotion, and the performance management system is continuously improved. For key employees with outstanding performance and development potential, the Company offers career advancement opportunities or equity incentive plans. Additionally, for backbone and compound talents, the Company provides policy incentives such as talent introduction and household registration. The Company continuously improves its performance feedback and communication mechanisms. Through thorough communication, it facilitates mutual understanding between evaluators and those being evaluated across all stages, including performance planning, performance coaching, performance evaluation, and performance feedback.

2025 is the "Year for Building Performance Capacity" for the Company. The Company will further optimize the performance evaluation mechanism, refine and improve the performance incentive mechanism, ensuring that high performers are rewarded more and faster while underperformers are assessed and phased out. This will establish a healthy performance mechanism and continuously promote the overall performance capability improvement of the Company.

A Family-Oriented Corporate Culture

CENTER INT attaches great importance to the Company's corporate culture construction, creating a good corporate culture atmosphere, and shaping a positive, united and cooperative corporate culture that respects employees. By organizing various forms of activities, conducting corporate culture training, and compiling internal publications, the Company disseminates its corporate values, fostering employee identification with and integration into the corporate culture. This ensures that the corporate culture profoundly influences every member of CENTER INT.

In 2024, CENTER INT held a total of **8** special activities, including " CENTER Culture in My Home", "Spring Outing Hike & Grand Canal Project Visit", "Fun Sports Event", "Family Open Day", "Family Photo", and "Open Month Essay Contest", with a total of about **1,400** participants. In 2025, the Company will continue to promote the construction of corporate culture, inheriting and enriching the connotation of corporate culture through various forms of activities.

CENTER INT "Family Open Day" Activity

Spring Outing Hike & Grand Canal Project Visit Activity

In 2024, a total of 38 issues and 74 articles on CENTER INT's corporate culture theme were released. The manuscript types cover 7 categories, including "Special Forces Story", "I Speak for CENTER ", "Light Chaser", "Corporate Culture Practitioner", "Ten Years of Loyalty and Dedication", "Youth CENTER", and "Chairman Talks about Corporate Culture".

"Special Forces Story" Series

"I Speak for CENTER" Series

Supporting Employee Development

Emphasizing Employee Capability Development

CENTER INT attaches great importance to the improvement of employee capabilities, continuously improves the "Training Management Methods", and optimizes the training system. The design of training courses covers basic knowledge, professional training, and corporate culture, basically achieving full coverage. Based on business processes and value chains, the Company has developed a learning map for sales and operation system personnel, clarifying the learning and development path from employees to managers.

The Company continues to improve the "Apprenticeship" mechanism to help new employees quickly adapt to their roles and integrate into the work environment. Additionally, the Company continues to strengthen the internal trainer team, improve the course system, and gradually promote the standardization of training courses.

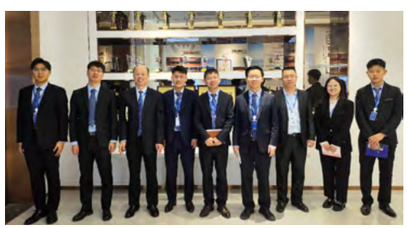
2024 is the "Year of Scale Development" for the Company. According to the needs of business development, the Company has formulated an annual training plan, improved the training course system, strengthened the training supervision and assessment mechanism, implemented the principle of "examination after every training", and promoted the effective implementation of various training work.

In 2024, the average training hours of employees reached **37.0h**.

Induction Training

CENTER INT continues to strengthen the accumulation and management of professional knowledge, consolidate the basic training in "fundamental skills", and record all training content in videos, forming a progressive course package categorized as "must-know for onboarding, must-know for role adaptation, and role competency advancement".

In 2024, the Company conducted a total of **8** sessions of " CENTER Sailing Training", with **398** participants. The coverage rate of employee training reached **92%**, and the average score of training examinations reached 87 points, indicating satisfactory training outcomes.

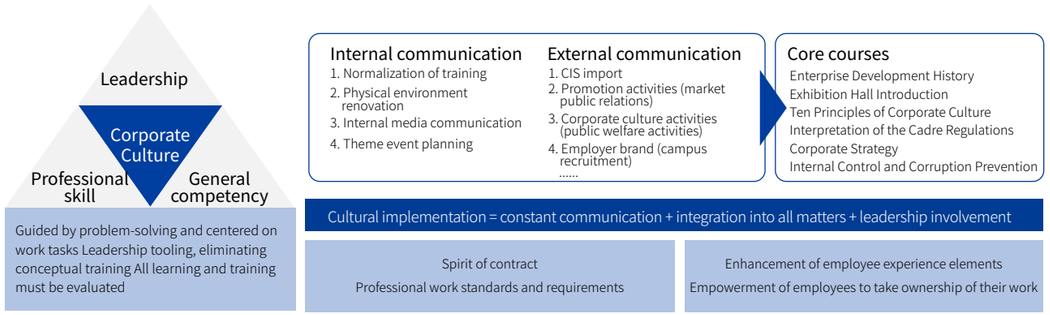


Induction training for new employees

Professional Course Training (CENTER School)

Relying on the CENTER School, the Company has established a comprehensive and multi-level employee training system, and continuously optimized the training course system and strengthened the construction of the lecturer team according to business needs and actual conditions.

The learning map at all levels consists of four types of courses:
corporate culture, professional skill, leadership, and general competency



Design Ideas for Learning and Training Courses

In 2024, CENTER School conducted a total of **43** offline on-site training sessions, completed the editing of 55 video micro-courses (comprising 174 lessons in total), and produced 174 knowledge maps. The Company conducted a total of **19** online training sessions throughout the year, including 9 sessions of the Chairman Talks about Corporate Culture course, 9 sessions of online training on professional knowledge for new employees, and 1 session of centralized training for the Special Forces Group. The sales center has concurrently launched the "Journey of Integration" series of training sessions.

Emotional Management and Mental Health Training

Workplace Competency Training

Additionally, the Company has strengthened management training to enhance leadership skills and management capabilities, so as to better guide employees in problem-solving and fostering positive superior-subordinate relationships. For employees at different levels, the Company has granted them a certain degree of autonomy and decision-making authority, enabling them to better leverage their creativity and initiative, and genuinely experience trust and respect.

Clarifying Promotion Channels and Training Programs

In 2024, the Company has continuously improved the "Core Talent Selection and Management Detailed Rules", built a growth system that meets job requirements and career planning for employees, established dual growth channels of professional and management routes, and clarified the position level and individual promotion path of each channel. The Company has established scientific promotion evaluation criteria, clarified the promotion principles with work performance and corporate culture as the core evaluation criteria, and ensured that the promotion process is fair, transparent, and equal. The Company has conducted regular talent inventory to accurately identify outstanding employees and provide them with talent development support such as accelerated promotion.

Promoting Employee Health and Vitality

Employee Care

CENTER INT always adheres to the concept of humanistic care, and helps employees relieve stress and empower themselves by building a comprehensive employee care system. In terms of living security, the Company provides employees with free accommodation as well as nutritious breakfast and lunch, effectively addressing their daily concerns. At the spiritual and cultural level, the Company not only provides over a thousand books for employees to borrow at any time, but also offers free access to sports spaces such as gyms, tennis courts, basketball courts, and pickle courts equipped with professional facilities to meet the diverse leisure needs of employees. Additionally, the Company regularly organizes workplace mental health activities to guide employees in achieving work-life balance, focus on improving their physical and mental health levels, and enhance their sense of gain, happiness, and security.

Employee Communication

The Company establishes a diverse and smooth communication system, sets up specialized information feedback channels, and encourages candidates, employees, and other stakeholders to provide feedback and report on violations or issues. Employees can fully express their opinions and raise their demands through channels such as symposiums, employee representative meetings, and satisfaction surveys. For violations or actions that infringe upon employees' rights, the Group's internal Human Resources Department, General Office, Labor Union, and other relevant departments serve as dedicated contact points to receive inquiries and reports. The Company always adheres to the principles of protecting employees and ensuring fairness and impartiality, promptly responds to all feedback issues, and ensures the effective operation of communication mechanisms.

Construction of Labor Union

In 2024, in order to further enrich the lives of employees, promote corporate culture, and unite efforts, the Company's Labor Union organized various colorful activities (such as Badminton Competition, Table Tennis Competition, Balloon Volleyball Competition, Fun Sports Event, Voluntary Blood Donation, Flower Arrangement Activity for International Women's Day, and Employee Orienteering Activity), effectively making employees feel the warmth of a family.

Badminton Competition

Flower Arrangement Activity for International Women's Day

Fun sports Event

Employee Orienteering Activity

"Empowering the Heart" Psychological Counseling On-site Training

Urban Green Heart Forest Park Outing Activity

3.2 Occupational Health and Safety

CENTER INT adheres to the principle of "life first, safety foremost", consistently prioritizing work safety. The Company strictly complies with relevant national laws and regulations on safety management, continuously improves the work safety management system, coordinates work safety and construction safety, actively identifies hazard factors/sources, and comprehensively strengthens various security measures to ensure the safe operation of production and construction.

The Company attaches great importance to employee occupational health, actively builds a safety culture, improves the occupational health management system, and takes multiple measures in key links such as production and processing, and engineering construction to prevent employee occupational health and safety risks and create a healthy and safe working environment for employees.

Implementation of Production Safety Management

The production base strictly abides by and implements laws and regulations such as the "Law of the People's Republic of China on Work Safety" and the "Emergency Response Law of the People's Republic of China", adheres to the policy of "safety first, prevention as the main approach, comprehensive management, people-oriented, continuous improvement, health assurance, and safe development", promotes work safety management work in a standardized, normalized, and systematic manner, and continuously improves the work safety management system. The production base strictly implements the work safety responsibility system, takes multiple measures such as safety training to enhance safety awareness, strengthens work safety supervision and inspection, improves the emergency safety management mechanism, and ensures safe production and operation.

Improvement of Work Safety Management System

The production base has passed the work safety standardization certification, continuously improved the work safety management system, strictly implemented the "Safety Production Regulations", "Safety Production Risk Grading and Control Management System", "Occupational Health Management System", "Safety Operating Procedures", and "Safety Fire Accident Emergency Response Plan", etc., resolutely implemented the work safety responsibility system, signed work safety responsibility letters at all levels as required, and clarified safety management responsibilities.

The production base establishes a regular work safety meeting system, holds monthly work safety meetings to summarize the current work safety and deploy the next work plan. It strives to ensure that work safety management is planned, inspected, implemented and educated, so as to eliminate potential accidents in the bud.

Actively Conducting Safety Education and Training

The production base attaches great importance to safety education and training, and establishes corresponding safety training mechanisms for different personnel. The production base closely combines safety education and training with production site management, safety culture construction, hazard source identification and other contents to achieve prediction and pre-control, and effectively improve the participation enthusiasm of employees.

- For new employees, three-level safety education is implemented at the company, workshop, and team levels, and they are allowed to take up their posts after passing the examination
- The annual training time for on-the-job employees is not less than 8 hours to ensure that they are proficient in safety operating procedures and emergency response measures
- Safety management personnel and occupational health management personnel are subject to training and assessment
- 100% of special equipment operators are certified to work
- Before each shift, the team leader conducts safety education to remind employees to pay attention to safety precautions and improve their safety awareness

According to the needs of safety management, the production base organizes safety training such as popularization of work safety regulations, safety knowledge learning, safety skills education, and safety operating procedures, and regularly organizes emergency drills for special disposal plans such as mechanical injuries and electric shock injuries, with an employee coverage rate of 100%.

In 2024, the production base conducted 16 safety education and training sessions for a total of 800 participants. The production base formulates a safety education and training plan every year, which must be trained once a quarter and assessed. The production base organizes 2 fire training sessions per year, with workshop fire emergency drills and office building fire emergency drills held in July and November respectively.

Strengthening Safety Inspections

The production base establishes a work safety closed-loop management mechanism with pre-planning, in-process supervision and inspection, and post rectification and improvement. The production base regularly conducts joint work safety inspections of personnel, machine, material, method, and environment to promptly discover safety hazards, urge rectification, and continuously improve the level of safety management.

In June 2024, the production base carried out the Work Safety Month Activity as planned, actively mobilized employees to participate, strengthened work safety-related training, held safety knowledge competitions, organized potential safety hazard investigation and urged rectification, and effectively improved employees' awareness of work safety.

Work Safety Month Activity of Production Base

In 2024, the production workshop conducted safety inspections every week and formed corresponding inspection records. During major holidays, all management personnel participated in the safety inspection of the base and formed corresponding inspection records.

Occupational Health Management and Labor Protection

The production base strictly abides by the "Law of the People's Republic of China on Prevention and Control of Occupational Diseases", earnestly practices the Group's core values of "integrity, dedication, care, and innovation", adheres to the work policy of "prevention first, combined prevention and treatment", starts from caring for every employee, and attaches importance to employees' occupational health issues.

The production base has passed ISO14000 occupational health management system certification, improved relevant systems in accordance with management system requirements, continuously increased the publicity and education of occupational diseases, and raised employees' awareness of the importance of occupational disease prevention and control. The production base has established the "Labor Protection Supplies Management System" to clarify the labor protection equipment standards (such as labor protection clothing/anti-scratch gloves/labor protection shoes/safety helmets/dust masks/earplugs). Labor protection supplies are issued monthly according to the actual production situation of the workshop.

For all personnel in the workshop production team, the production base arranges dedicated personnel to organize regular health examinations every year, timely understand the physical health status of employees, promptly organize re-examinations for abnormal physical examination reports, and receive corresponding treatment in a timely manner. The production base establishes occupational health records and employee health records to record the physical health status of employees in detail. Additionally, it conducts occupational disease hazard factor testing every year, and publicizes the test results. In addition, in response to the occupational disease hazards that may arise from workshop operations, the production base is equipped with advanced dust prevention equipment and facilities to effectively reduce the risk of occupational diseases.

In 2024, the production base developed corresponding occupational health management plans for different positions, and conducted publicity and promotion, so that employees can truly feel the Company's care and the warmth of a family.

Regularly Organizing Fire Safety Training and Drills

The production base always puts the life safety of employees first. In accordance with the requirements of relevant national laws and regulations on work safety and the relevant provisions of the Company's "Safety Fire Accident Emergency Response Plan", it regularly organizes fire drills and emergency evacuation drills to effectively improve employees' fire safety awareness and ability to respond to emergencies. Through drills, employees can master the correct use of fire extinguishers and evacuation methods, improve their emergency response capabilities, and truly achieve "four knows and four abilities" in fire safety. In July and November 2024, the production base organized a total of 2 fire training sessions, as well as 2 fire emergency drills for workshops and office buildings. Employees actively participated and achieved good results.

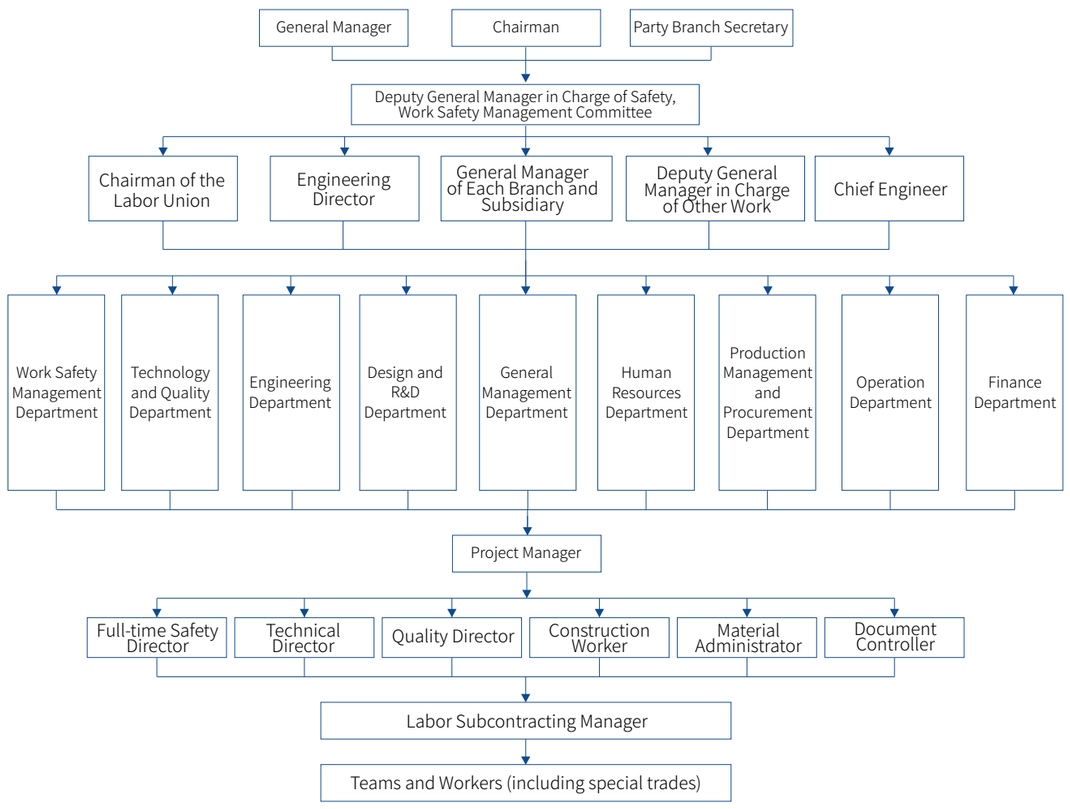
Strengthening Construction Safety Management

Safety Management Philosophy

CENTER INT always adheres to the management policy of "safety first, prevention as the main approach", resolutely implements the concept of " three type of person must in chargeof safety" (the one who manage the industry, business as well as production and operations must in charge of safety), and focuses on improving safety awareness, skills, identifying and responding to safety hazards, eliminating hidden dangers from the source, and preventing construction safety accidents to the greatest extent possible.

Construction Safety Management System

The company has established and continuously improved its safety management structure, set up a work safety committee, a safety management organization, an emergency leading group, and a special safety management department, clarified the safety management responsibilities and work processes of departments at all levels, and ensured safe and efficient construction.



Safety Management Structure

The Company has established a construction safety management system, including the "Work Safety Inspection and Hidden Danger Investigation System", "Work Safety Responsibility System", "Safety Education and Training System", "Work Safety Accident Accountability and Punishment System", "Construction Site Temporary Facilities Management System", "Work Safety Emergency Rescue System", and "Labor Protection Equipment Safety Management System". The Company focuses on strengthening the implementation of various systems and effectively standardizing on-site construction safety management behaviors. Additionally, the Company strengthens daily safety education and supervision of construction personnel to ensure that they strictly abide by safety operating procedures and improve their safety awareness and self-protection capabilities.

Safety Management Measures

The Company strictly implements the daily pre-shift meeting system for ongoing projects, the Group's monthly work safety meeting system, regular safety inspections, and regular safety hazard investigations, forming a safety supervision and inspection mechanism covering the entire process before, during, and after the construction. In 2024, a total of 149 senior executives and sales center personnel participated in the work safety patrol inspection, covering 191 patrol inspection items. The Company's senior executives and safety management department have conducted over 300 safety patrol inspections in total.

Construction Pre-shift Safety Meeting

On-site Safety Inspection (Record)

The Company attaches great importance to construction safety training and regularly conducts various forms of safety education and training activities. The training content covers safety operating procedures, emergency plans, accident case analysis, and other aspects, effectively improving the safety awareness and emergency response capabilities of construction personnel.

Additionally, the Company organizes fire safety training and drills to effectively enhance the safety awareness and emergency rescue capabilities of on-site personnel.

Fire Safety Training and Drill Activities

Preventing Risks in Key Areas

According to relevant laws and regulations such as the Law of the People's Republic of China on Work Safety, the Company has established corresponding safety management mechanisms for major hidden dangers such as high-altitude falls, object strikes, lifting and hoisting, temporary electricity use, temporary structural stability, and temporary load concentration of roof systems, strengthened daily monitoring and risk hazard investigation, and promptly discovered and eliminated hidden dangers.

Noticeboard-announcing Acceptance of Hoisting Operation

Safety Culture Construction

Safety culture is rooted in safety awareness. The establishment of safety awareness comes from safety knowledge and skills, which come from laws and regulations, operating procedures, hidden danger identification ability, and hidden danger elimination ability.

- If safety hazards are discovered during the construction process, they shall be promptly stopped, reported, and eliminated
- Safety culture is reflected in the operation behavior of each operator and the management behavior of each manager

Improvement of Daily Safety Emergency Response Capabilities

In November 2024, the group headquarters held a fire knowledge competition and organized all employees to conduct fire drills, familiarizing office building personnel with escape routes and self-rescue measures, and effectively improving employees' safety awareness and emergency rescue capabilities.

Organization of Fire Drill by Group Headquarters

3.3 Community Improvement

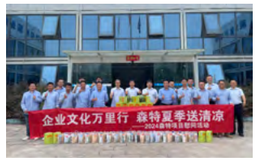
CENTER INT actively responds to the national call, adhering to the original intention of originating from society, serving society, and giving back to society. While promoting its own development, it actively practices social responsibility, actively participates in social welfare undertakings and charity activities, conveys warmth and strength to society, and repays society with practical actions.

Actively Participation in Public Welfare and Charity Activities

The Company actively participates in social welfare and charity activities. In 2024, the Company organized activities such as Warm Home Condolence in Changgou Town, Voluntary Blood Donation, multiple employee care and condolence activities, and Family Open Day, and actively participated in various public welfare and charity activities.

Warm Home Condolence Activity in Changgou Town

Voluntary Blood Donation Activity



Employee Care and Condolence Activity

Promoting the Development of Local Communities and Schools

The Company promotes the development of local communities and schools with practical actions.

Hosting the "Soil and Groundwater Pollution Investigation and Remediation Technology" Training Course

From May 27 to May 29, 2024, the Science and Technology Association of CENTER INT hosted the "Soil and Groundwater Pollution Investigation and Remediation Technology" Training Course. The training course was sponsored by the Beijing Science and Technology Education Center and hosted by the Science and Technology Association of CENTER INT. Nearly 60 trainees, including management and technical personnel engaged in soil and groundwater pollution prevention and control work from all over the country, participated in the training.

Training Course Site

The training invited well-known experts in the field of soil and groundwater pollution investigation, assessment, and remediation technology in China to give lectures. With "theoretical teaching + case analysis + academic exchange" as the main teaching mode, the trainees can master the prevention and control of soil and groundwater sources, self-monitoring, investigation and evaluation, and water and soil collaborative remediation. This training further promotes the deep integration of industry, academia, and research.

Training Course Closing

Hosting the Digital and Intelligent Development Decision-making Consulting Salon for Ecological Environment Governance Industry

On October 17, 2024, the "Digital and Intelligent Development of Beautiful China Construction and Ecological Environment Governance" Decision-making Consulting Salon sponsored by the Beijing Association for Science and Technology and hosted by the Science and Technology Association of CENTER INT was held at the United Front Practice Education Base in Beijing Economic-Technological Development Area. 30 guests from scientific research institutes, universities, and well-known enterprises gathered together to explore the innovative application of digital technology in environmental governance and provide suggestions for the digital and intelligent development of the ecological environment governance industry.

Decision-making Consulting Salon

3.4 Responsible Supply Chain

Guided by the business philosophy of "win-win results for all parties" and "Adherence to principles and pragmatism", CENTER INT adheres to open communication and transparent performance with various material and labor supply enterprises, and insists on price sharing and win-win cooperation with all partners. Additionally, the Company focuses on the mutual empowerment of suppliers in the fields of digital intelligence improvement and green environmental protection, and jointly builds a stable and healthy supply chain collaboration ecology.

Responsible Supply Chain - Materials

Supply Chain Management System

CENTER INT has always adhered to the management principle of transparent procurement and is committed to building a supply chain management system that emphasizes both efficient coordination and risk prevention and control. In terms of system construction, the Company has formulated rules and regulations such as "Supplier Development and Management System", "Group Procurement Management System", "Group Audit Management System", "Anti-Commercial Bribery Co-construction Agreement", and "Supplier Management System". The specific details of "transparent procurement" are clearly covered in the system, and are guaranteed in the system process through digital intelligence.

In 2024, the Company has revised the "Group Audit Management System", optimized and improved the supplier settlement clauses in the "Group Procurement Management System", which will be implemented after approval.

Supplier Management

Continuing to refine supplier access management while ensuring "Transparent Procurement"

Refined supplier credit screening: During the supplier access screening stage, information such as qualifications, reputation, financial status, profitability, and litigation cases of new suppliers are collected and preliminarily screened through business quiry platforms, announcements of listed companies, and other information channels.

Strict supplier entry information review: Suppliers who have passed the preliminary screening are allowed to register in the Company's SRM system ("Supplier Relationship Management System"), and suppliers need to fill in various corporate information in the SRM system. The Company will focus on reviewing the content of the materials at this stage, and the supplier enterprise will be allowed to enter the supplier database only after passing the review.

Standardized bidding implementation: During the procurement bidding stage, no less than 3 suppliers will be randomly selected from the qualified supplier database, and the winning supplier will be finally determined based on the Company's relevant bid evaluation, negotiation, and Awarding systems.

Enhancing the regular assessment and evaluation processes for suppliers while implementing effective incentive measures

CENTER INT continues to strengthen supplier management, regularly implements supplier assessment and evaluation, and focuses on evaluating factors such as the overlap between suppliers' operating products and CENTER INT's strategic deployment, contract performance payment methods, and the degree of response to payment period requirements. For major suppliers, CENTER INT ensures that they are assessed at least once a year.

CENTER INT plans to adopt various incentive measures for long-term cooperative friendly partner suppliers to ensure harmonious cooperation with supply chain enterprises.

Digital Empowerment of Supply Chain Management

- **Comprehensive digital management of supply chain processes:** The Company continues to optimize the relevant system processes of PM (Project Management System) and SRM (Supplier Relationship Management System) to ensure information management in all aspects of supplier access, screening, evaluation, and elimination.
- **Key links for digital empowerment of supply chain business:** The key links of supply chain business such as procurement bidding, contract signing, supplier performance, material warehousing-in/out, supplier invoice and payment, supplier quality and service tracking have been incorporated into the systematic management of PM and SRM.
- **Digital supervision of transportation vehicles:** The Company has developed an APP specifically for the management of transportation vehicles, which can locate transportation vehicles in real time to achieve systematic supervision of various transportation vehicles, while ensuring the safe and rapid arrival of transported goods at various projects.

Supply Chain Emergency Management

CENTER INT has formulated supply chain emergency management measures to minimize the adverse effects caused by production and construction interruptions.

- In production management, in addition to reserving a certain amount of safety assurance materials, more than three suppliers of similar products are reserved at the same time, and it is ensured that the reserve suppliers are distributed in different provinces to avoid interruption of the Company's production due to local policy differences, transportation, limited delivery conditions, etc.
- **Adhere to the principle of supplier localization:** When selecting suppliers, priority shall be given to suppliers from Beijing-Tianjin-Hebei region and the project location.

Green Procurement

- The Company continues to strengthen the construction of green supply chains, and continues to pay attention to and encourage suppliers' achievements in green power application, energy conservation and emission reduction, noise treatment, etc.
- When selecting new suppliers, the Company always gives priority to enterprises that have built and used renewable energy such as PV for power generation. Additionally, we focus on suppliers' actions and investments in environmental protection fields such as wastewater, solid waste, and noise treatment. The supplier selected by the Company must be an enterprise that is consistent with the sustainable development philosophy of CENTER INT, and enjoy a good reputation.

Key Performance of Supply Chain Management

At present, there are about 1,607 cooperative "material suppliers", 390 core "material suppliers", and 307 newly developed material suppliers. The number of annual supplier reviews is 260, accounting for about 67% of the number of core suppliers.

By region, there are 1,550 suppliers in Chinese Mainland; 57 suppliers from Hong Kong, Macao, Taiwan, and overseas; 340 local suppliers (Beijing-Tianjin-Hebei). The suppliers are mainly from the Beijing-Tianjin-Hebei, Yangtze River Delta, and Pearl River Delta regions, accounting for about 70% of the total number of suppliers.

Supply Chain Communication and Empowerment

The Company regularly organizes relevant training and product technology exchanges with suppliers. We establish special cooperation projects to support suppliers in product innovation and technological improvement in various aspects.

The proportion of procurement personnel who have passed sustainable procurement training within the Company is 80%.

In 2024, there were 36 exchanges and training sessions with suppliers.

The supplier exchange activities cover main materials, auxiliary materials, processing, etc., with a total of more than 300 suppliers.

Supplier Exchange and Training Site

Supplier Integrity and Compliance

CENTER INT actively implements the concept of transparent procurement and win-win results for all parties. On the one hand, the Company continues to improve and optimize the procurement management system and bidding process; on the other hand, the Company insists on signing integrity agreements with suppliers every year and publicizing the Company's compliance procurement and audit management policies.

In 2024, the proportion of suppliers signing the Supplier Code of Conduct was 100%, and the number of suppliers terminated due to non-compliance accounted for about 1.24% of the total number of suppliers.

Responsible Supply Chain - Labor

Labor Subcontracting Management

CENTER INT attaches great importance to the full process management of labor contracting, ensuring that the project safety, quality, and progress goals are fully achieved, and providing solid guarantees for project delivery.

CENTER INT adheres to the labor management principles of "fairness and justice, reasonable cost, and rejection of corruption", and has formulated systems such as the "Labor Subcontracting System" and "Labor Fine Management Measures", and continues to refine the practical standards for each specific link.

The Company has established a strict and standardized annual grade assessment system and elimination mechanism for labor subcontractors to ensure that all labor partners are consistent with the Company's sustainable development philosophy. Every year, the Company focuses on investigating the subcontractors' own labor force scale, cooperation status, coordination degree, bid management, production value, safety and civilized construction management, construction quality management, material management, schedule assurance, integrity management status, coordination degree, work safety patrol inspection, etc. Additionally, the Company monitors the operation and management of labor subcontractors themselves to prevent them from blindly expanding their labor force, so as to avoid cost out-of-control caused by poor operation of subcontractors.

Key performance of labor management:

- In 2024, 52 new teams were introduced, and 37 non-compliant labor subcontractors were eliminated, accounting for 24.7%
- There were 150 qualified installers on the annual assessment list, and a total of 150 newly developed labor subcontractors
- 100% of the labor subcontractors signed clauses containing environmental and labor requirements, and there were 30 labor subcontractors with occupational health and safety management system certification
- The number of exchanges and training with labor subcontractors was 40 times
- the labor subcontractor exchange activities covered 30 subcontractors

Ensuring Laborers Rights

Protecting the Rights and Interests of the Subcontractor Migrant Workers

CENTER INT strictly adheres to the requirements of the "Regulation on Ensuring Wage Payment to Migrant Workers" issued by the State Council, effectively protects the rights and interests of migrant workers in labor service units, and clearly stipulates the wage deposit clause for migrant workers in all subcontracts signed with labor subcontractors.

Occupational Health of Laborers

CENTER INT always puts the safety of construction site personnel first, requiring laborers to wear labor protection equipment as required to ensure the safety of project site construction personnel. The Company clearly requires that the "Mandatory Safety Standards for On-site Construction" must be agreed upon in all project contracts. The Company attaches great importance to the protection of workers' health rights and interests in high-temperature working environments, reduces the risk of accidents, incorporates heatstroke prevention and cooling into the occupational health management system, distributes heatstroke prevention and cooling benefits in a timely manner, and pays close attention to the physical and mental health of construction personnel.

Safety Emergency Training

The Company organizes activities such as safety lectures and safety emergency drills to strengthen the safety and emergency response awareness of construction personnel. The Company regularly holds project safety training, takes multiple measures to improve the risk identification and emergency response capabilities of construction personnel, and ensures the safety and health of construction personnel on the project site.

Distribution of Labor Protection Equipment/Welfare Items

Safety Emergency Training/Drill

Labor Subcontractor Integrity and Compliance

CENTER INT always adheres to the business philosophy of "adherence to principles and pragmatism", and continues to deepen the integrity and compliance management of labor subcontracting. At the internal management level, the Company comprehensively standardizes the business processes of the Labor Management Department. Every year, all employees of the Labor Management Department are required to sign a separate "Integrity Commitment Letter".

The Company ensures that when establishing cooperation with each labor subcontractor, an "Anti-Commercial Bribery Co-construction Agreement" is signed to clearly regulate anti-corruption obligations, anti-corruption complaint hotlines, and other contents. The Company has established a strict supervision system to strictly control the integrity of labor subcontracting. Once it is found that the labor subcontractor has violations such as giving gifts, it must be reported to the Group as soon as possible. At the same time, the Company's Audit Department will interview the labor subcontractor and impose corresponding penalties according to the contract terms.

04 Compliant Operation to Ensure a Steady Development

CENTER INT adheres to compliance operation, improves its corporate governance mechanisms, strengthens communication and exchanges with investors, fully safeguards the interests of the majority of investors, and continuously improves corporate governance levels. The Company actively maintains communication with all stakeholders, responds to the concerns of all parties, and establishes and upholds a positive corporate image as a listed companies.

The Company attaches great importance to compliance operation, firmly believes that compliance operation is an important foundation for the steady development of enterprises, and continuously optimizes risk internal control and compliance management systems. The Company advocates pragmatic development, actively fulfills its responsibilities, adheres to the bottom line, abides by business ethics, and promotes a culture of integrity and self-discipline.

4.1 Optimizing Corporate Governance Mechanism

4.2 Value the Investor Relations Management

4.3 Strengthening Risk Control and Compliance Management

4.4 Abide by Business Ethics

SDGs addressed in this chapter (United Nations Sustainable Development Goals)

Operational performance:

- Annual operating revenue in 2024: RMB **2.936** billion
- Net profit attributable to shareholders of the listed company in 2024: RMB **73.5583** million
- Total assets of the Company as of the end of 2024: RMB **5.548** billion

Compliance management:

- Conducted inspections on a total of **48** projects under construction in 2024 to supervise the compliance operation of the projects
- Visited **5** key suppliers in 2024 to advocate for business integrity and improve the supplier management system and processes
- Completed internal control audits of **2** subsidiaries and **4** branches of the Group
- The average duration of anti-corruption training for procurement staff is **3** hours

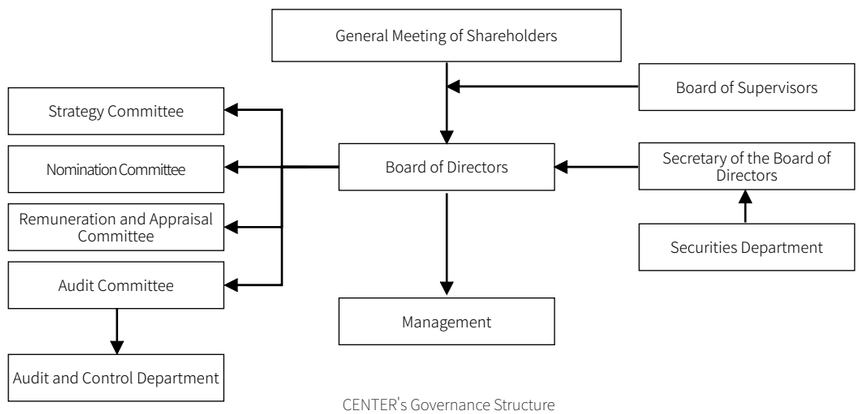
4.1 Optimizing Corporate Governance Mechanism

In accordance with the "Company Law of the People's Republic of China", the "Securities Law of the People's Republic of China", the "Code of Corporate Governance for Listed Companies", the "Rules Governing the Listing of Stocks on Shanghai Stock Exchange (revised in April 2024)" and other laws and regulations, as well as the requirements of the "Articles of Association", CENTER INT has continuously improved its corporate governance structure and optimized its corporate governance mechanism.

The Company attaches great importance to investor relations management, strictly fulfills its information disclosure obligations in accordance with the law, and effectively safeguards the interests of all shareholders. The Company carries out internal investor protection activities in various forms to strengthen the maintenance of investor relations.

During this reporting period, the Company's "three meetings" were operated in accordance with the Company's Articles of Association and Rules of Procedures. Both the independent directors and the secretary of the Board of Directors fulfilled their duties in accordance with relevant regulations. No illegal or irregular phenomena occurred during this reporting period, and the Company maintained healthy development.

Governance Structure



CENTER's Governance Structure

In accordance with the Company Law and other relevant laws and regulations, the Company has established a governance structure composed of General Meeting of Shareholders, Board of Directors, Board of Supervisors and senior management and is constantly improving it. The General Meeting of Shareholders is the Company's authority, the Board of Directors is the Company's decision-making institution, and the Board of Supervisors is the Company's supervisory institution. The Board of Directors has established the following committees: the Strategy Committee, the Nomination Committee, the Remuneration and Appraisal Committee, and the Audit Committee. The Board of Supervisors is the supervisory institution of the Company and is responsible for the General Meeting of Shareholders.

Shareholders and General Meetings

The General Meeting of Shareholders is the highest authority of the Company. The Company strictly follows the provisions and requirements of the "Articles of Association" and the "Rules of Procedure for Shareholders' General Meeting"to convene and hold the General Meeting of Shareholders to ensure shareholders' rights to information, participation, inquiry and voting. The Company actively listens to investors' suggestions on corporate governance and sustainable development. During this reporting period, the Company held a total of one General Meeting of Shareholders.

Directors and the Board of Directors

The Company has a Board of Directors, which is responsible to the General Meeting of Shareholders. The Company convenes and holds meetings of the Board of Directors in strict accordance with the provisions of the "Articles of Association" and the "Rules of Procedures of the Board of Directors", exercises its powers in accordance with the law, and gives full play to the positive role of directors of the Company, especially independent directors, in the standardized operation of the Company. The Company's Board of Directors has four special committees: the Strategy Committee, the Nomination Committee, the Remuneration and Appraisal Committee, and the Audit Committee. Each committee performs its duties and does its best to supervise and manage the Company's daily operations.

In 2024, the Company held 5 meetings of the Board of Directors in the form of on-site and teleconference methods in the Company's conference room, with all directors present. All directors attend the meetings of the Board of Directors seriously, carefully review various proposals, perform their duties diligently and responsibly.

In 2024: Proportion of independent directors: 3/8

Proportion of female directors: 1/8 Proportion of directors over 50 years old: 6/8

In March 2025, the Company's Board of Directors completed its latest general election, with a total of 8 members of the Board of Directors, including 5 non-independent directors and 3 independent directors.

The independent directors on the Board of Directors are composed of experts in professional fields such as finance, building structure design, and environmental protection, which is conducive to more scientific and reasonable decision-making of the Board of Directors.

Supervisors and the Board of Supervisors

The Board of Supervisors is the Company's supervisory institution. The Company has established the Board of Supervisors in accordance with relevant laws and regulations and the "Articles of Association".

The Company's supervisors earnestly perform their supervisory duties in accordance with the "Rules of Procedures of the Board of Supervisors" and effectively supervise and inspect the Company's major matters, financial status, etc. In 2024, the Board of Supervisors held 4 meetings in the form of on-site and teleconference methods in the Company's conference room, with all supervisors present. A total of 32 proposals were reviewed, and the proposal approval rate was 100%;

The Board of Supervisors comprises 3 members, including: 1 external supervisor and 1 female supervisor; 1 member over 50 years old and 2 members under 50 years old.

In March 2025, the Company's Board of Supervisors completed its latest general election, with a total of 3 members of the Board of Supervisors, including 2 non-employee supervisors and 1 employee supervisor.

4.2 Value the Investor Relations Management

In accordance with the relevant regulations of listed companies, CENTER INT strictly fulfills its information disclosure obligations and disclose relevant information in accordance with the law and regulations. Investors can understand the Company's production and operation through various channels such as the company website, SSE E-interactive, and investor hotline to safeguard the legitimate interests of shareholders.

Strictly Fulfilling Information Disclosure Obligations

In 2024, CENTER INT held a total of 2 performance briefings:

- June 26, 2024: CENTER INT's 2023 Annual Performance Briefing
- October 28, 2024: CENTER INT's 2024 Semi-annual Performance Briefing

Additionally, CENTER INT convened 1 General Meeting of Shareholders in 2024. Throughout the year, CENTER INT issued 39 public information disclosure announcements.

Strengthening Internal Investor Protection

The Company conducts investor protection education activities internally through OA office systems and work groups. In 2024, a total of 3 activities were held, including the "Ninth National Security Education Day Event on April 15, 2024", the "Shareholders Coming - Investor Rights Knowledge Competition in 2024" and the "Eleventh National Constitution Day & Constitution Publicity Week Event on December 4, 2024".

4.3 Strengthening Risk Control and Compliance Management

Risk management and internal control are the lifeline of a company's sound operation, and compliance operation is the cornerstone of its healthy development. CENTER INT attaches great importance to risk control and compliance operation, strictly abides by national laws and regulations, strictly observes the red line of compliance risk control, effectively promotes the implementation of various management systems, strengthens risk control and compliance management mechanisms, and ensures the Company's long-term stable operation.

Improving Risk Management System

CENTER INT attaches great importance to risk control, adhering to principles of comprehensiveness, materiality, checks and balances, adaptability, and cost-effectiveness to advance the construction of its risk management system. The Company continuously consolidates the risk control mechanisms in key areas and key links, effectively driving improvements in corporate governance quality and operational efficiency while providing comprehensive safeguards for sustainable corporate development.

Optimizing Risk Management Framework

CENTER INT continuously improves its risk control system, strengthens the Group's three-level risk control management framework, strengthens governance supervision, promotes effective connection of various links, establishes a risk control management framework characterized by effective checks and balances as well as coordinated interdepartmental collaboration, and strictly adheres to the bottom line of risk control.

Risk control level	Management framework	Main responsibilities
Level III	Board of Directors and Management	Make decisions on major risk management matters and supervise risk management work
Level II	Audit Department of the Group	Take the lead in organizing and carrying out compliance management and audit work of the Group, audit and supervise the implementation of internal control systems of various departments and units, identify problems and urge rectification
	Legal and Contracts Department of the Group	Responsible for the legal review of contracts and agreements and the follow-up handling of litigation matters, and establish a legal and compliance risk prevention and control system
Level I	Business units/ departments of the Group	Responsible for the daily compliance management of the department and unit, improve the internal control management system, sort out and optimize the internal management process

Improving Internal Control System

CENTER INT strictly adheres to the internal control requirements applicable to listed companies, continuously promotes the optimization and improvement of internal management systems, and strengthens risk control in key risk areas such as asset management, engineering project management, financial management, and procurement management. These efforts effectively enhance the Company's risk prevention capabilities and ensure the achievement of its strategic and operational objectives.

Strengthening Compliance Management

Compliance operation is the cornerstone of a company's healthy development. CENTER INT strictly abides by relevant national laws and regulations, continuously improves various compliance management systems, cultivates compliance culture, promotes the organic integration of compliance culture with production and operation, creates a clean and upright ecology, and promotes the Company's steady and long-term development.

During this reporting period, the Company strictly implemented relevant compliance management systems, strengthened system publicity and implementation, strengthened annual internal control audits of its business units, improved annual regular/special audit mechanisms, strengthened supervision on the construction and implementation of systems in various departments/business units, strengthened inspections, audits and assessments of projects under construction, and continued to promote anti-corruption work.

Key Initiatives in 2024

Completed the annual group-wide internal control evaluation work; Completed internal control audits of 2 subsidiaries and 4 branches of the Group; Completed the inspection of a total of 48 projects under construction; Conducted quarterly assessments for projects under construction (4 times in total); Completed visits to 5 key suppliers; Completed the audit of departing executives in accordance with relevant regulations; Completed the signing of the "Anti-Commercial Bribery Agreement" for new suppliers and the "Integrity Self-Discipline Commitment" for new managers and above.

In 2025, the Company will further improve its risk control and compliance management mechanism, continuously increase control over high-risk areas and key links, strengthen anti-corruption work, adhere to the compliance red line, resolutely eliminate corruption, build a more harmonious and healthy cultural environment, and ensure the achievement of the Company's strategic and operational objectives.

4.4 Abide by Business Ethics

CENTER INT adheres to business ethics and honest business practices, cultivates a culture of integrity and self-discipline, strengthens work discipline, and creates a clean and upright business atmosphere. CENTER INT has established and improved the information reporting and handling mechanism to ensure fairness and justice and strictly prevent corruption and bribery. The Company attaches great importance to the privacy and information protection of employees and customers, continuously improves the information security and confidentiality management mechanism, strengthens security training, and ensures the security of employee and customer privacy information.

Strengthening the Construction of Integrity and Self-discipline

Continuously Promoting Construction of Integrity

CENTER INT attaches great importance to the construction of integrity and self-discipline, adheres to a "zero tolerance" attitude towards corruption. Any corrupt practices in business operations will not be tolerated and will be resolutely punished. The Company vigorously promotes a culture of integrity, and integrity and self-discipline have been integrated into the corporate culture. The Company continues to improve the "CENTER INT Anti-Corruption and Integrity Management System" and other systems, standardize anti-corruption and corrosion prevention measures, and promote the implementation of anti-corruption measures.

Integrity and Self-discipline Training

CENTER INT attaches great importance to internal training on integrity and self-discipline, and through training, effectively improves employees' awareness of integrity and self-discipline and strengthens the culture of self-discipline.

CENTER INT has intensified its integrity and self-discipline training for high-risk positions such as procurement, and continuously improved the integrity awareness of relevant personnel. In 2024, the Company's procurement personnel received an average of 3 hours of anti-corruption training.

Integrity and Self-discipline Training of the Group

Integrity and Self-discipline Training for Procurement Personnel

In addition, during the project inspection process, the audit personnel of CENTER INT effectively strengthened the integrity education of the project department personnel through integrity training and awareness programs, and effectively improved their awareness of integrity.

On-site Integrity and Compliance Training

Integrity Talk

The Company conducted integrity interviews with all employees of the Production Management and Procurement Department and the Labor Management Department to systematically assess the implementation of integrity and self-discipline among relevant personnel, identify existing problems and potential risks, with a particular focus on examining matters such as their economic interactions with suppliers, the establishment of integrity and self-discipline measures in collaboration with suppliers, possible risks, as well as suggestions for integrity-related work.

Signing an Integrity Agreement

- The Company's manager-level (inclusive) and above cadres, as well as personnel in key positions such as those from the Production Management and Procurement Department, labor subcontracting management personnel, Finance Department, shall sign the "Integrity Self-Discipline Commitment" every year.
- All customers, suppliers, service providers and other companies or individuals who have business dealings with the Company shall sign an "Anti-commercial Bribery Co-construction Agreement" with the Company as appropriate.

Integrity Self-Discipline Commitment Signing Ceremony

Regular Integrity Reporting

- The Company's manager-level (inclusive) and above cadres, as well as personnel in key positions such as those from the Production Management and Procurement Department, labor subcontracting management personnel, Finance Department, shall submit an integrity report once a month.

In 2025, the Company will focus on key areas and key links, continue to increase anti-corruption efforts, strengthen anti-corruption education and training, cultivate a culture of integrity, and promote the continuous improvement of the Company's compliance management work.

Improving Information Reporting Mechanism

The Company continues to improve the information reporting mechanism to ensure that various violations are handled objectively and fairly. The Company publicly discloses the reporting channels (electronic reporting box and 2 offline reporting boxes, including 1 each in the group headquarters office area and production base), and clarifies the reporting investigation, reporting and reward and punishment mechanism in the form of a system to encourage employees, customers and other stakeholders to actively report violations and improper behaviors. At the same time, the Company strengthens the protection of whistleblowers and keeps confidential the reporting information, clues and materials. The Company will never tolerate corruption. Once verified, it will be strictly dealt with in accordance with relevant national laws and regulations and relevant regulations of the Company.

Strengthening Privacy and Information Protection

Strengthening Data and Information Security Management

Information and data security is the foundation of the Company's safe operation. CENTER INT attaches great importance to data and information security and strengthens privacy and information security protection. In accordance with the "Personal Information Protection Law of the People's Republic of China" and other laws and regulations, combined with the actual situation of the Company, the "CENTER INT Data Security Management Specification" has been formulated to regulate database security, data encryption, data backup and other aspects. In terms of database security management, management requirements are put forward for identity authentication, access management, log auditing, secure transmission, resource utilization and security. The personal privacy information of employees shall be kept strictly confidential and shall not be disclosed to others in any form.

In 2024, in order to ensure data and information security, the Information Department strengthened data and information security by upgrading network firewalls and situational awareness platforms, increasing the number of users using virtual desktop systems, optimizing data access security policies and other measures to prevent information leakage.

Protecting Safe Operation of Network

CENTER INT attaches great importance to network security. In order to ensure the safe and stable operation of information systems and improve the quality of network services, the Company has formulated the "CENTER INT Network Security Management System". This system clarifies relevant roles and responsibilities, and standardizes multiple measures, including network operation management and monitoring, network security inspections, and network operation reports, to comprehensively strengthen network security management and guarantee the smooth progress of all operations within the Group.

In 2024, the Company upgraded network security equipment such as network firewalls and Internet behavior monitoring devices, adjusted security policies according to the security risks of the "Network Situational Awareness Platform", dealt with risky endpoints in a timely manner, organized regular patrol inspection and normalized maintenance of network equipment, ensured the security of the Company's network system through multiple measures, and guaranteed the normal operation of its business.

Attaching Importance to Intellectual Property Protection

CENTER INT attaches great importance to intellectual property protection and has formulated the "Intellectual Property Management System" and "Intellectual Property Application Process" to regulate work organization, intellectual property application, achievement judgment, implementation and maintenance, transfer, intellectual property protection and other aspects. In terms of purchasing copyrights from outside, the Company strictly follows the process, which includes clarifying needs, selecting appropriate copyrights, negotiating price terms, signing contracts and making payments, and obtaining copyright certificates. CENTER INT encourages innovation and formulates the "Intellectual Property Incentive Measures" to mobilize the enthusiasm and creativity of employees and promote continuous innovation in the Company's product technology and processes.

The Company pays attention to strengthening the protection of intellectual property achievements, establishing intellectual property information archives and information databases, strengthening the approval mechanism for the external transfer of intellectual property achievements, and strengthening the security protection of intellectual property achievements.

Appendix

ESG Key Performance

Type	Indicator	Performance in 2024	Performance in 2023	Remarks
I. Economic Performance				
Operation revenue	Operating revenue (RMB billion)	2.936	3.515	
Net profit	Net profit attributable to shareholders of the listed company (RMB billion)	73.5583	57.8012	
Total assets	Total assets (RMB billion)	5.548	6.427	
II. Research Performance				
1.Technology R&D investment				
R&D investment	R&D investment (RMB billion)	84	125	
Percentage of R&D investment against operating revenue	Percentage of R&D investmentagainst operating revenue (%)	2.85%	3.55%	
2.Intellectual Property Innovations:				
Patents	Cumulative number of patents (items)	326	300	By the end of 2024
Software copyright	Cumulative number of computer software copyrights (items)	44	37	
Trademark	Cumulative number of trademarks (items)	25	20	
III. Environmental Performance				
1.Energy consumption and GHG emissions				
Direct energy consumption	Gasoline (t)	267.75	264.98	
	Diesel (t)	5.38	9.69	
	Natural gas (m^3)	24,460	25,361	
Indirect energy consumption	Purchased electricity (MWh)	2,030.70	2,157.88	
	Heat/steam (GJ)	8,556	7,306	
Greenhouse gas emissions	Greenhouse gas emissions (Scope 1) (tCO_2e)	855.50	862.71	Gasoline, diesel and natural gas
	Greenhouse gas emissions (scope 2) (tCO_2e)	2,275.56	2,295.27	Purchased electricity and heat (Steam)
	Total greenhouse gas emissions (tCO_2e)	3,131.06	3,157.98	(Scope 1) + (Scope 2)

Type	Indicator	Performance in 2024	Performance in 2023	Remarks
2.Green power substitution and Green Electricity Certificate				
Company rooftop photovoltaic power generation	Power generation of the Company's rooftop PV power station (MWh)	2,524.1	—	Group headquarters + production base (Rooftop PV systems)
	Green electricity consumption of the Company (MWh)	1,089.7	—	Group headquarters + production base (Rooftop PV systems)
GEC application and issuance	Total number of Green Electricity Certificates issued for the Company's rooftop BIPV power generation in 2024	1,308	—	Production base (rooftop PV system)
3.Water usage				
Water usage	Fresh water (municipal water) (m^3)	37,027.20	38,829.14	
4.Waste disposal				
Waste Management	Compliance disposal rate (%)	100%	100%	
Notes: 1.Data scope: daily operating energy consumption and fresh water consumption by the group's headquarters office area, production base, branches, and controlled subsidiaries; 2.The carbon emissions from purchased electricity are calculated according to the average CO_2 emission factor of regional grid in 2022 issued by the state in December 2024.				
IV. Social Performance				
1.Staff employment				
Headcount	Total number of employees (person)	1,626	1,612	
2.Employee care and growth				
Employee training	Average training hours of employees (hours)	37.0	31.2	
Union Membership	Union membership rate (%)	100%	100%	
Occupational health examination	Proportion of occupational health examination for key production personnel (%)	100%	100%	
3.Employee rights and interests				
Signing of Labor Contracts by Law	Labor contract signing rate(%)	100%	100%	
4.Supplier communication and empowerment				
Supplier empowerment	Excha nges and training with material suppliers (times)	36	30	
V. Governance Performance				
1.Corporate governance				
Corporate governance	Proportion of independent directors on the Board of Directors	3/8	3/8	
	Proportion of female directors on the Board of Directors	1/8	1/8	
Information disclosure	Announcement on External Information Disclosure (articles)	39	53	
2.Compliance management				
Supplier compliance	Annual inspection number of projects under construction (numbers)	48	58	

[Note]: Some data are consistent with the Company's annual financial report data.

GRI Content Index

CENTER INT reported the information cited in this GRI content index with reference to GRI standards from January 1, 2024 to December 31, 2024; and instructions for using GRI 1.

GRI standards	Specific disclosures	Location
GRI 2: General Disclosures 2021	2-1 Organizational details	About CENTER
	2-2 Entities included in the organization's sustainability reporting	About This Report
	2-3 Reporting period, frequency and contact point	About This Report
	2-5 External assurance	Assurance Statement
	2-6 Activities, value chain and other business relationships	About CENTER
	2-7 Employees	3.1 Employee Welfare
	2-9 Governance structure and composition	Sustainable development philosophy ESG Governance 2.1 Addressing the Risks of Climate Change 4.1 Optimizing Corporate Governance Mechanism
	2-10 Nomination and selection of the highest governance body	4.1 Optimizing Corporate Governance Mechanism
	2-11 Chair of the highest governance body	4.1 Optimizing Corporate Governance Mechanism
	2-12 Role of the highest governance body in overseeing the management of impacts	ESG Governance 4.1 Optimizing Corporate Governance Mechanism
	2-13 Delegation of responsibility for managing impacts	ESG Governance 4.1 Optimizing Corporate Governance Mechanism
	2-14 Role of the highest governance body in sustainability reporting	ESG Governance 4.1 Optimizing Corporate Governance Mechanism
	2-15 Conflicts of interest	4.2 Emphasizing Investor Relations Management
	2-17 Collective knowledge of the highest governance body	ESG Governance 2.1 Addressing the Risks of Climate Change 4.1 Optimizing Corporate Governance Mechanism
	2-22 Statement on sustainable development strategy	Chairman's Statement Sustainable development philosophy
	2-23 Policy commitments	4.3 Strengthening Risk Control and Compliance Management 4.4 Adhering to Business Ethics
	2-27 Compliance with laws and regulations	4.3 Strengthening Risk Control and Compliance Management
	2-29 Approach to stakeholder engagement	Stakeholder Engagement
	2-30 Collective bargaining agreements	3.1 Employee Welfare
GRI 3: Material Topics 2021	3-1 Process to determine material topics	Materiality Assessment
	3-2 List of material topics	Materiality Assessment
	3-3 Management of material topics	Materiality Assessment
GRI 201: Economic Performance 2016	201-1 Direct economic value generated and distributed	ESG Key Performance
	201-2 Financial implications and other risks and opportunities due to climate change	2.1 Addressing the Risks of Climate Change
GRI 203: Indirect Economic Impacts 2016	203-1 Infrastructure investments and services supported	2.4 Facilitating China's Green and Low-carbon Transition 1.1 Leading Technology Through Constant R&D Innovation
	203-2 Significant indirect economic impacts	2.4 Facilitating China's Green and Low-carbon Transition 1.1 Leading Technology Through Constant R&D Innovation
GRI 204: Procurement Practices 2016	204-1 Proportion of spending on local suppliers	3.4 Responsible Supply Chain

GRI standards	Specific disclosures	Location
GRI 205: Anti-corruption 2016	205-1 Operations assessed for risks related to corruption	4.4 Adhering to Business Ethics
	205-2 Communication and training about anti-corruption policies and procedures	4.4 Adhering to Business Ethics
	205-3 Confirmed incidents of corruption and actions taken	4.4 Adhering to Business Ethics
GRI 301: Materials 2016	301-2 Recycled input materials used	2.3 Engaging in Green Operation
	301-3 Reclaimed products and their packaging materials	2.3 Engaging in Green Operation
GRI 302: Energy 2016	302-1 Energy consumption within the organization	2.3 Engaging in Green Operation
	302-4 Reduction of energy consumption	2.3 Engaging in Green Operation
	302-5 Reductions in energy requirements of products and services	2.3 Engaging in Green Operation
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	2.3 Engaging in Green Operation
	303-2 Management of water discharge-related impacts	2.3 Engaging in Green Operation
	303-3 Water withdrawal	2.3 Engaging in Green Operation
GRI 304: Biodiversity 2016	304-2 Significant impacts of activities, products, and services on biodiversity	2.4 Facilitating China's Green and Low-carbon Transition
GRI 305: Emissions 2016	305-1 Direct (Scope 1) GHG emissions	2.3 Engaging in Green Operation
	305-2 Energy indirect (Scope 2) GHG emissions	2.3 Engaging in Green Operation
GRI 306: Waste 2020	306-1 Waste generation and significant waste-related impacts	2.3 Engaging in Green Operation
	306-2 Management of significant waste-related impacts	2.3 Engaging in Green Operation
	306-3 Waste generated	2.3 Engaging in Green Operation
	306-4 Waste diverted from disposal	2.3 Engaging in Green Operation
GRI 308: Supplier Environmental Assessment 2016	308-1 New suppliers that were screened using environmental criteria	2.3 Engaging in Green Operation
GRI 401: Employment 2016	401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	3.1 Employee Welfare
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	3.2 Occupational Health and Safety
	403-2 Hazard identification, risk assessment, and incident investigation	3.2 Occupational Health and Safety
	403-3 Occupational health services	3.2 Occupational Health and Safety
	403-5 Worker training on occupational health and safety	3.2 Occupational Health and Safety
	403-6 Promotion of worker health	3.2 Occupational Health and Safety
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	3.2 Occupational Health and Safety
	403-8 Workers covered by an occupational health and safety management system	3.2 Occupational Health and Safety
	403-10 Work-related ill health	3.2 Occupational Health and Safety
GRI 404: Training and Education 2016	404-1 Average hours of training per year per employee	3.1 Employee Welfare
	404-2 Programs for upgrading employee skills and transition assistance programs	3.1 Employee Welfare
	404-3 Percentage of employees receiving regular performance and career development reviews	3.1 Employee Welfare
GRI 405: Diversity and Equal Opportunity 2016	405-1 Diversity of governance bodies and employees	3.1 Employee Welfare 4.1 Optimizing Corporate Governance Mechanism
GRI 406: Non-discrimination 2016	406-1 Incidents of discrimination and corrective actions taken	3.1 Employee Welfare
GRI 413: Local Communities 2016	413-1 Operations with local community engagement, impact assessments, and development programs	3.3 Community Improvement
	413-2 Operations with significant actual and potential negative impacts on local communities	2.3 Engaging in Green Operation
GRI 414: Supplier Social Assessment 2016	414-1 New suppliers that were screened using social criteria	3.4 Responsible Supply Chain
	414-2 Negative social impacts in the supply chain and actions taken	3.4 Responsible Supply Chain
GRI 416: Customer Health and Safety 2016	416-1 Assessment of the health and safety impacts of product and service categories	1.3 Product Responsibility and Quality Assurance 1.4 Customer Service Guarantee Feature: 25 Years of Warranty for BIPV
GRI 417: Marketing and Labeling 2016	417-1 Requirements for product and service information and labeling	1.3 Product Responsibility and Quality Assurance 1.4 Customer Service Guarantee Feature: 25 Years of Warranty for BIPV
GRI 418: Customer Privacy 2016	418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	4.4 Adhering to Business Ethics

Assurance Statement

Independent Assurance Statement

Intended users of the assurance statement: ☑Governments and Regulatory Agencies ☑Shareholders and Investors ☑Customers ☑Suppliers and Partners ☑Media ☑Employees ☑Community and Public

Responsibilities of the reporting organization and assurance provider: CTI Certification Co., Ltd. ("CTI") is entrusted to assure the sustainable development related information disclosed by CENTER International Group Co., Ltd. ("Reporting Organization") in its 2024 Sustainability and ESG Report ("Report"). The purpose of this process is to provide confidence for stakeholders to make decisions based on the information provided by the Reporting Organization.

Assurance standard: AA1000 Assurance Standard v3

Assurance scope:
- Verify the content, context and application of the report, as well as the quality of sustainability related information presented during the reporting period;
- Assess the Report's degree of adherence to AA1000 Accountability Principles (2018) of inclusivity, materiality, responsiveness and impact;
- Review the sustainability practices and performance information described in the Report;
- Assess the reporting mechanisms for sustainability related information and their alignment with applicable reporting standards;
- Assess the appropriateness and suitability of data collection, quantification and data management processes incorporated into the Report.

Type of engagement: Type 2

Level of assurance:

Subject matters	Level of Assurance
Degree of compliance with AA1000 Accountability Principles (2018)	Moderate Level
Quality of sustainability performance	Moderate Level

Preparation standards and normative references:
- Self-Regulatory Guidelines No. 1 for Companies Listed on the Shanghai Stock Exchange — Standardized Operation
- Guidelines for Environmental Information Disclosure of Companies Listed on the Shanghai Stock Exchange
- Self-Regulatory Guidelines No. 14 for Companies Listed on the Shanghai Stock Exchange—Sustainability Report (Trial)
- Global Reporting Initiative (GRI) standards
- Sustainability Accounting Standards Board (SASB) Standards
- IFRS S2 Climate-related Disclosures

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CTI 华测认证 AA1000 Licensed Assurance Provider 000-669

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CTI Academy: www.a.ctimall.com
Company Address: one A BF CTI Building, No.4 Liu Xian San Road, Xin'an Street, Bao'an District, Shenzhen, China.

Source of information disclosure: Name of Report:CENTER International Group Co., Ltd.
2024 Sustainability and ESG Report
Source:CENTER International Group Co., Ltd.

Description of methodology: CTI formulated an engagement plan based on the assurance process and conducted the engagement according to the plan. CTI conducted inspections with a professional skepticism attitude and the assurance activities included the following procedures:

- Process for understanding, testing and evaluating the extent to which the Reporting Organization adheres to AA1000 Accountability Principles, and thereby assessing the degree of adherence;
- Conduct management interviews on the effectiveness of impact-generating processes, involving the Reporting Organization's top management, departmental managers and sustainability officers;
- Review and inspect the Reporting Organization's management practices, business processes and evidence collection procedures through sampling;
- Collect and evaluate evidentiary materials and management declarations that substantiate the Reporting Organization's adherence to AA1000 Accountability Principles.

Conclusions: According to the AA1000 Assurance Standard v3, CTI conducted a Type 2 moderate level assurance on the sustainable related information disclosed in the Report prepared by the Reporting Organization. According to the requirements of the AA1000 Accountability Principles (2018), the conclusions are as follows:

The degree of adherence to AA1000 Accountability Principles (2018) of the Reporting Organization and the Report

Inclusivity: After assessment, CTI confirms that the Reporting Organization has identified and understood stakeholders, maintained proper, transparent and timely communication with them, and incorporated keyconcerns into significant considerations for corporate sustainability, aligning with the inclusivity requirement of AA1000 Accountability Principles (2018).

Materiality: After assessment, CTI confirms that the Reporting Organization has determined the significance, likelihood, current and anticipated future impacts of identified material issues, has conducted a materiality evaluation covering both internal and external aspects of the organization, aligning with the materiality requirement of AA1000 Accountability Principles (2018).

Responsiveness: After assessment, CTI confirms that the Reporting Organization has adopted suitable reporting frameworks to define and reflect responses to material matters in the Report, aligning with the responsiveness requirement of AA1000 Accountability Principles (2018).

Impact: The Reporting Organization has clear procedures to regularly monitor and measure their sustainable development impact, and has professionals to effectively promote the sustainable development agenda. CTI did not find any situations or issues that had an impact on the ecosystem and surrounding infrastructure, and the Reporting Organization meets the impact requirements of the AA1000 Accountability Principles (2018).

The quality of sustainability related information disclosed in the Report

CTI did not identify any material misstatements in the sustainability related information described in the Report as described below:

Gasoline	Diesel	Natural gas	Purchased electricity
Heat/steam	Fresh water (Municipal water)	Cumulative number of computer software copyrights	
Cumulative number of patents	Cumulative number of trademarks	Average training hours of employees	

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Limitations and approach used to mitigate limitations

The limitations and mitigation methods of CTI in the assurance process:

- CTI confirms solely through interviews and factual evidence verification that all sustainability performance indicators have clearly defined data sources;
- CTI cannot provide assurance opinions on viewpoints described in the Report, including opinions, beliefs, inferences, aspirations, expectations or future intentions;
- CTI will focus further on the improvement and advancement of the Reporting Organization's sustainability information disclosure and management practices in future assurance work, in alignment with the principle of continuous improvement.

Competence and independence of CTI

Founded in 2004, CTI is a professional certification body approved by the Certification and Accreditation Administration of China (CNCA) and accredited by the China National Accreditation Service for Conformity Assessment (CNAS), enjoying an independent third-party impartial status. We have extensive experience in conducting third-party audits for management system certifications in quality, environment, safety, occupational health, energy, as well as environmental information such as greenhouse gases.

Except for the assurance and verification of sustainability data and the Report, no member of the assurance team has any business relationship with CENTER International Group Co., Ltd., its directors, executives, or department managers. After the internal impartiality assessment conducted by CTI, we believe that there is no conflict of interest in this assurance engagement.

Signed by General Manager

AA1000 Licensed Report 000-669/V3-ICPA9

华测认证有限公司 CTI Certification Co., Ltd
Issued on: April 18, 2025
Place of issuance: Beijing

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Your Feedback

This report is the second sustainability and ESG report released by CENTER INT to the public since 2023. Thank you for reading this report. In order to provide you and other stakeholders with more professional and valuable corporate social responsibility information and continuously improve our ability and level of fulfilling responsibilities, please assist us in completing the relevant questions in the comment feedback form. We are very eager to listen to your opinions and suggestions, and please give us feedback as follows. We solemnly promise to keep your personal information strictly confidential.

Contact information:

Name: _____

Work Unit: _____

Position: _____

Tel: _____

Email: _____

Your feedback:

1. Which of the following stakeholders do you belong to?

○ Customers ○ Shareholders and investors ○ Employees ○ Suppliers and partners

○ Government and regulatory authorities ○ Community ○ Non-governmental organizations ○ Others

2. What is your overall evaluation of the Company's sustainability and ESG reports?

○ Very good ○ Good ○ Average ○ Poor ○ Very poor

3. What is your evaluation of the environmental responsibilities assumed by CENTER INT disclosed in this report?

○ Very good ○ Good ○ Average ○ Poor ○ Very poor

4. What is your evaluation of the social responsibilities assumed by CENTER INT disclosed in this report?

○ Very good ○ Good ○ Average ○ Poor ○ Very poor

5. What is your evaluation of the governance responsibilities assumed by CENTER INT disclosed in this report?

○ Very good ○ Good ○ Average ○ Poor ○ Very poor

6. What is your overall evaluation of the degree of information disclosed in this report?

○ Very good ○ Good ○ Average ○ Poor ○ Unknown

7. Did you get the information you wanted to know in this report?

○ Yes ○ No

8.Which topics in this report have attracted your most attention?

_____

9. 您 Do you have any other suggestions for us to publish reports in the future?

_____

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