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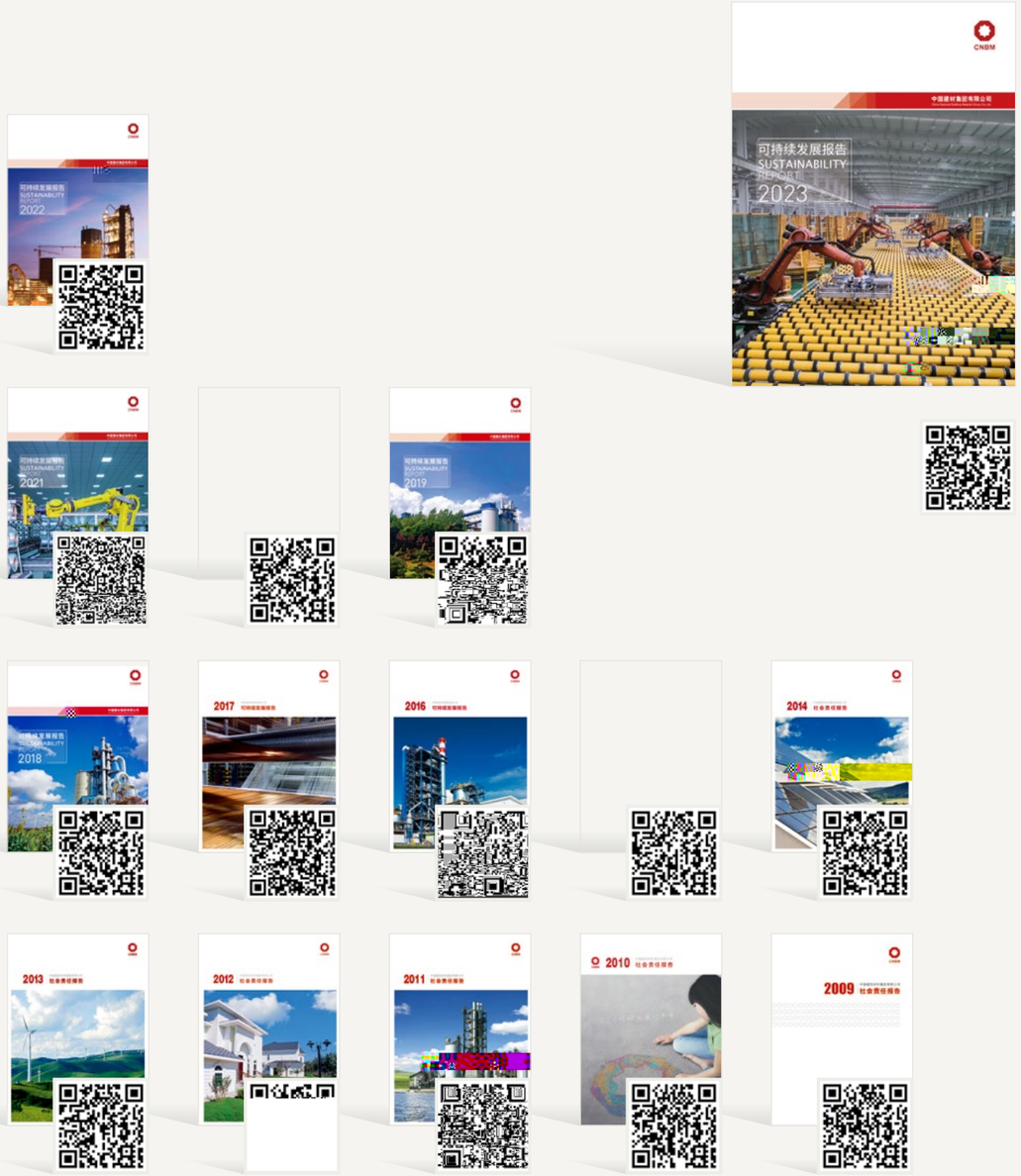

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Company Profile

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As of the end of 2023,

Total assets

RMB **705.09** billion

Annual revenue

RMB **347.51** billion

thousand

Scan the QR code
to learn about CNBM

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Corporate Culture

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Development Strategy

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Management Team

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Chairman

Jg Vglfs_
Director

Afcle Lg_le_m
External Director

U_le J_gvg_le
External Director

A_m Es_levg_le
External Director

Af_le Xf_lejg
Employee Director

K_l_eckclr

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Party Secretary
Chairman

Jg Vglfs_
Party Committee
Deputy Secretary
Director General
Manager

Af_le Xf_lejg
Party Committee
Deputy Secretary

W_le Hgc
Party Committee
Standing Committee
Secretary of
Discipline Inspection
Commission

U_le Wskcle
Party Committee
Standing Committee
Deputy General
Manager

Ucg Psqf_l
Party Committee
Standing Committee
Deputy General
Manager

Os Vg_mjg
Party Committee
Standing Committee
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Manager

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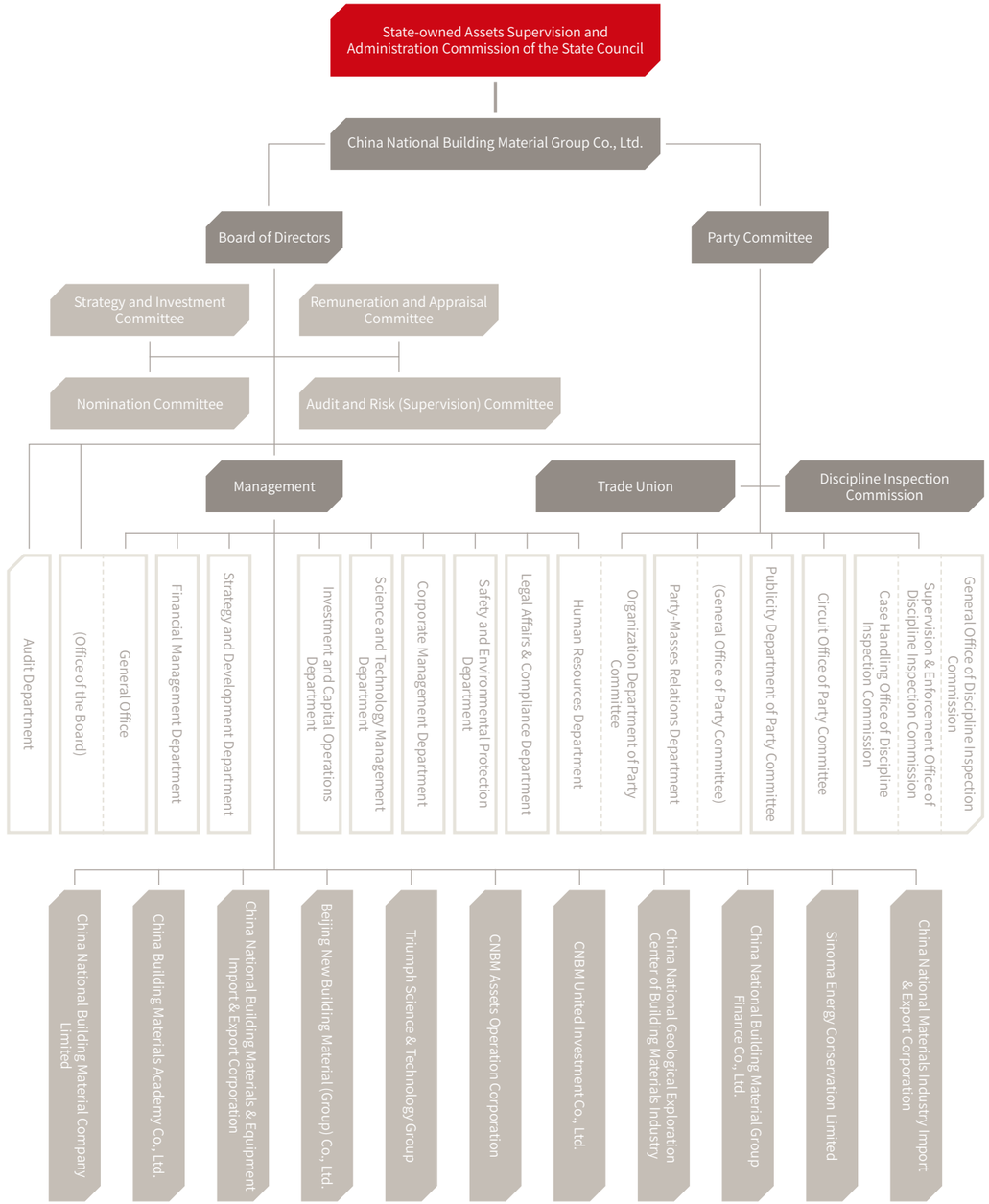
Party Committee
Standing Committee
Chief Accountant

Xfg Vg_m
General Manager
Assistant

Emtcpl_lac Qrpsarspc



Main Lines of Business

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Cement, Cement +

The production scale of cement and commercial concrete ranks first in the world, with 334 new dry process cement production lines, cement capacity of over 500 million tons and commercial concrete capacity of about 440 million cubic meters. As the standard configuration for the city, 53 cement kiln cooperative disposal production lines have been put into operation and under construction. The total annual disposal scale is 5.42 million tons, and the landfills are reduced by 1,355 mu. The installed capacity of waste heat power generation of cement sheeting is about 2000 MW.

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Tianshan Material Co., Ltd., North Cement Co., Ltd., and Ningxia Building Materials Group Co., Ltd.

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Lightweight building materials

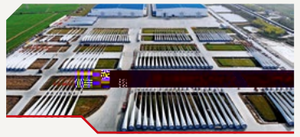
The plasterboard production capacity is 3.5 billion square meters, ranking first in the world. There are 92 production bases globally. It has 4,852 valid patents. The business scale of waterproof materials ranks among the top three in the industry. It has 15 waterproof material production bases, 74 waterproof membrane production lines and 34 waterproof coating production lines. We develop the business of "plasterboard+" supporting systems, and serve national key projects such as the Great Hall of the People, the Olympic Games and the Winter Olympics. We promote the global original "Luban" universal board whole house assembly system, and actively develop waterproof materials and coatings that can be installed and brushed immediately and allow immediate occupancy, creating a low-carbon, environment-friendly and healthy indoor environment. Taking plasterboards as the leading product, we have gradually developed the global layout of the whole product lines.

Key enterprises

Beijing New Building Material Public Limited Company, Taishan Gypsum Co., Ltd., and BNBM Waterproofing Co., Ltd.

Fiberglass

The production capacity exceeds 3.7 million tons, ranking first in the world; the global market share exceeds 40%. Nine production bases have been built, covering China, Egypt, the United States and other places. We have the oxygen-combustion large pool kiln wiredrawing intelligent production technology and equipment with fully independent intellectual property rights. We have built the first zero-carbon intelligent manufacturing base, developed more than 3,000 specifications and varieties in over 20 categories such as high-mode high-strength fiberglass, and low dielectric fiberglass, which are applied to high-end equipment, new energy, 5G communication and ocean engineering. The products are sold to more than 100 countries and regions around the world, and have won the "China Grand Awards for Industry" and "China Patent Gold Award".



Wind Turbine Blade

We are the world's largest wind turbine blade design, research and development, manufacturing and service provider, with a production capacity of about 30GW. Our products cover the mainstream unit platforms from 1MW to 16MW+. The "SinomaBlade" brand has been firmly established in the industry. The market share in China exceeds 30%. Globally cumulative installed capacity is 153GW. The products operate stably in 42 countries including China, Austria, Pakistan, Chile and Brazil. In 2023, we developed the longest 130 m 12 MW carbon fiber girder composite blade and the longest 101 m 6-8 MW all-fiberglass onshore blade in China.

High-quality Float Glass

Our production capacity ranks among the top five in China, and we have a second-generation float glass intelligent demonstration line with fully independent intellectual property rights. The products include body-colored glass, Low-E coated glass, insulated glass, vacuum glass, and smart light-control glass, which are applied in various fields such as architecture, automobiles, household appliances, photovoltaic, and mirror manufacturing, and are sold to nearly 100 countries and regions in Southeast Asia, Europe, and South America.

Carbon Fiber

Driven by domestic independent technological innovation, we build a carbon fiber business segment, with a production capacity of 58,500 tons (28,500 tons completed). The domestic market share of high-performance carbon fibers of T700 level and above has exceeded 50% for consecutive years. It is widely used in fields such as aerospace, new energy industries, and major infrastructure projects. It has won the "First Prize of National Science and Technology Progress" and "Top Ten Super Projects of Central Enterprises".

New Glass Materials

We have achieved a series of industrialization achievements that are "the first in China and the best in the world". We have independently built the world's largest single-unit oxygen-fuel combustion photovoltaic glass production line, and the first thin and high-transmittance photovoltaic glass intelligent production line in China. We have successfully rolled out the world's first large-area cadmium telluride power glass. The photoelectric conversion rate of copper indium gallium selenium power glass has set a new world record. The world's largest single-unit thin film BIPV application demonstration project has been built and applied in multiple scenarios. We have independently developed China's first neutral borosilicate phar hav enM s /hares elofu ut

Lithium Battery Separator

We are the high-tech enterprise in the industry that takes the lead in simultaneously having the wet synchronous and asynchronous stretching processes for high-performance lithium battery separators. The existing production capacity exceeds 4 billion square meters, and the under-construction production capacity exceeds 2 billion square meters. We have laid out seven production bases and one equipment manufacturing base across the country. The products cover 3-12 μm wet separator and various coated separator products, which are used in new energy vehicle power batteries, 3C consumer batteries, energy storage batteries and other fields. The development rate among the top ten global battery customers reaches 90%.

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Developing new quality productive forces is the inherent requirement and important focus for promoting high-quality development.

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Accelerating the development of new quality productive forces is the strategic planning made by General Secretary Xi Jinping from a new historical starting point to promote high-quality economic development. As a leading enterprise in the building materials industry among the Fortune Global 500, CNBM focuses on accelerating the formation of new quality productive forces and actively leverages the innovation strength of 26 national-level research and design institutes, 3 national-level key laboratories, and 8 national-level engineering (technology) research centers.

We support the formation of a new material industrial system with a hierarchical layout of RMB 1 billion-RMB 5 billion-RMB 10 billion. We improve our core competitiveness through technological innovation, enhance our core functions through industrial innovation, and give better play to the role of technological innovation, industrial control and safety support. We help build a modern industrial system that is integrated, advanced and safe. We give full play to the role of state-owned capital investment companies, and continuously enhance our core competitiveness and core functions, providing vivid samples for exploring the future path of new quality productive forces.

In order to further strengthen the coordinated layout of the industry chain in the investment project, actively build an innovation ecosystem for the

We have completed the restructuring and integration of Qilianshan Cement, wind turbine blades, equipment manufacturing, coatings and other businesses; New Materials Fund was selected as one of the top 30 investment institutions in the field of new energy/new materials in China in 2023, and raised a total of RMB 6 to 8 billion of capital for the Group.

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New breakthroughs were made in the construction of the source of original technologies; six national key R&D plans were undertaken; seven projects in the second phase of the "1025" project were carried out on schedule; the first phase of the Group's "open competition mechanism" project was evaluated and the second phase was launched. A 25,000-ton high-performance carbon fiber production base with the largest single capacity in the world was built; a number of original R&D results, such as T1,100 carbon fiber and 70MPa hydrogen storage cylinders, were transformed into demonstration projects.

The thirty two 320L hydrogen cylinders independently developed by Sinoma Science & Technology (Suzhou) Co., Ltd. and certified by the classification society, were applied to the "Three Gorges Hydrogen Boat No. 1", the first 500 kW hydrogen fuel cell-powered workboat in China to be classified by the China Classification Society (CCS). And this workboat was successfully launched.

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On April 8, 2023, the commencement ceremony of Zhongfu Shenying's 30,000 tons/year high-performance carbon fiber project was held in Lianyungang, Jiangsu Province. This project is another significant move by CNBM to further deepen and implement the domestic economic circulation strategy after the "super project" of 10,000-ton carbon fiber in Xining was completed and put into operation. As the world's largest single carbon fiber production base, this project will make full use of nuclear steam and photovoltaic power to achieve the green and low-carbon transformation of energy in the carbon fiber production process. Meanwhile, it will adopt the most advanced carbon fiber industrialization technology of version 4.0 in China for the design of the new base. After the new base is completed and put into operation, it will further enhance the large-scale application of domestic high-performance carbon fiber products in fields such as aerospace and new energy. While promoting the integration of the innovation chain and the industry chain, it will also contribute to building China into a leading country in manufacturing, product quality and materials.

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The annual revenue of special new materials exceeded RMB 2.4 billion; breakthroughs were made in numerous "bottleneck" technologies such as low-carbon cement, large aircraft carbon fiber composites, and high-level radioactive waste liquid glass curing materials. Nearly RMB 3 billion was invested in "the pain points of central enterprises", such as the integrated circuit and semiconductor industries.

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The report of the 20th CPC National Congress proposed for the first time to accelerate the construction of a modern industrial system and place the focus of economic development on the real economy. The materials industry is the foundation of the real economy and occupies a fundamental position in the modern industrial system, serving as the basis for the development of the national economy.

As the only central enterprise in the building materials industry, CNBM has adhered to driving industrial innovation through technological innovation and made efforts in both basic building materials and strategic emerging industries.

The Group has accelerated the transformation and upgrading of traditional industries while speeding up the deployment of strategic emerging industries. It has accelerated the deployment of new fields and new tracks for value creation, focused on the proactive deployment of future-oriented industries, actively acted as the "vanguard" of building the modern industrial system, consolidated the modern industrial system supported by the real economy, created advantageous industrial clusters with core competitiveness, fostered new drivers and advantages for development and strived to build world-class enterprises.

Responsibility Window

CNBM takes the lead in joining forces with 17 institutions to jointly invest in the establishment of CNBM New Materials Fund with a total fund size of RMB 20 billion and an initial fund size of RMB 15 billion. This is an important part of CNBM to lay out the material industry as a state-owned capital investment company. The fund is positioned to solve the "bottleneck" technology of new materials, to ensure the safety and independent substitution of the new material industry chain, to promote scientific and technological innovation and breakthroughs in key core technologies, to cooperate with investors to cultivate the industrial ecology, and to focus on investing in the field of new materials.

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By actively leveraging its role as a state-owned capital investment company, CNBM has continuously enhanced its supportive and stabilizing capabilities in key areas such as new materials and new energy, and combined its "9+6" systematic layout to complete the mid-term assessment and adjustment of the "14th Five Year Plan" development strategy and draft a work plan for its new and future-oriented industries. It has allocated 16 tasks in four major areas of new materials, new energy, and industrial machine tools in its strategic emerging industries layout, and six key technologies in five major areas in its future-oriented industries layout.

Unprecedented strategic emerging industries and future industrial layout

- The Huai'an zero-carbon intelligent manufacturing base of China Jushi and the Taiyuan base of Taishan Fiberglass commenced construction.
- The production capacity at Zhongfu Shenying's Xining base phase II doubled.
- The Lianyungang commenced construction.
- The Nanjing, Pingxiang and Yibin bases of Sinoma Lithium Battery Separator achieved sales ahead of schedule.
- The Inner Mongolia Phase II and Tengzhou Phase II of Sinoma Lithium Battery Separator were put into operation.
- The Yiwu, Yulin and Yangjiang bases of Sinoma Wind Power Blade Co., Ltd. had a production capacity of 3.14GW.
- Triumph Science & Technology acquired three power glass production lines in Handan, Jiamusi and Zhuzhou through equity financing of RMB 950 million.
- The construction of Qinhuangdao and Luoyang photovoltaic glass base was accelerated.
- The Photonic Material Industrial Park of China Building Materials Academy was completed and put into operation.
- Sinoma Advanced Materials produced 180 tons of silicon nitride bearing balls and 700,000 high-thermal-conductivity substrates per year.

New materials emerged, forging advantages

In 2023, CNBM continued to accelerate the formation of new quality productive forces, with new materials emerging. Nine major materials were selected for CCTV's large industrial documentary "Pillars of Material", becoming samples of Chinese materials participating in global competition.

Scan the QR code to watch CCTV's blockbuster documentary "Pillars of Material"

Low-heat cement is used to build the seamless dam at Baihetan Hydropower Station

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As a large state-owned enterprise, CNBM stands shoulder to shoulder with the times and walks with the country. As the vanguard of "going global" in China's building materials industry, CNBM has continuously deepened its presence overseas, actively participated in Belt and Road construction, competed with the world's leading enterprises in the industry, and built about 500 high-level and high-quality cement and glass engineering service projects in the world, with the market share ranking first in the world. It has created a series of international business cards with world influence.

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CNBM has been "going global" since the 1990s. Relying on its increasingly robust technical and equipment capabilities, it has transformed from mainly exporting building materials to mainly exporting complete sets of building materials technology and equipment, and has undertaken the general contracting business of foreign engineering projects. It has innovatively created the EPC+ model, featuring Sinoma International Engineering Co., Ltd. and CTIEC as the main players. On the basis of integrating the entire system of technology R&D, engineering design, equipment manufacturing, construction installation, and technological transformation, it has actively expanded value-added services such as spare parts, operation & maintenance, and smart industrial services, achieving a shift from a single production line builder to a diversified engineering integration service provider. It has also established industrial parks overseas, exploring a new model of overseas development featuring "science & technology + industries + services", and has become an important participant in the global building materials industry.

Our Achievements

Setting up

196

overseas institutions in 76 countries (regions) around the world

Owning over

30,000

overseas employees (Chinese and foreign employees)v

nvesting

fixed asset and equity acquisition

About

Ten years of hard work and perseverance have brought us fruitful harvests. 2023 marks the 10th anniversary of the Belt and Road Initiative. With a global vision, CNBM has firmly adhered to the "three principles" of contributing

01

Building a Foundation for Development with Excellent Operations

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Operating Income

RMB **347.51** billion

CNBM achieved an operating income in new materials

RMB **102.66** billion

Operating income of engineering service

RMB **78.23** billion

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Being A Stable "Ballast Stone" for Basic Building Materials

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Running out of "Acceleration" in New Materials

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Creating "new business card" for engineering service

CNBM makes every effort to consolidate its traditional advantages in the engineering technical service business, promotes globalization, localization and diversified development, takes serving the entire industry as its responsibility, and explores the service-oriented manufacturing industry through large-scale R&D service, Internet + service, inspection and certification, carbon trading services , EPC engineering services, smart industrial services, etc., so as to form the new growth pole with new economy, new model and new format. In 2023, the Group continued to consolidate and improve the engineering technical service sector, achieving an increase in the newly signed overseas contracts for engineering technical services by more than 40% year-on-year.

Digital Reading · 2023

Value of newly signed contracts

RMB **94** billion

Year-on-year Growth

1.3 %

Operating income of engineering service

RMB **78.23** billion

Year-on-year Growth

11.2 %

The 15MW air-cooled waste heat power generation project supporting the BASTAS Cement plant affiliated to the French VICAT Group contracted by Shanghai Triumph Energy Conservation Engineering Co., Ltd., (STEC) successfully passed the project acceptance

The Fauji (DG Khan) clinker cement production line with daily output of 6,500 tons in Pakistan, which was contracted by Hefei Cement Research & Design Institute corporation Ltd. (HCRDI), a subsidiary of SINOMA International Engineering Co., Ltd. (SINOMA International), and constructed by Sinoma (Handan), was successfully put into operation at one time.

Constructing "new model" for logistics trade

CNBM has constantly consolidated the new model of foreign trade, explored the establishment of a business model of "building materials and home furnishing chain supermarket + overseas warehouse" with building materials' characteristics, innovatively implemented "standardization + localization" cross-border logistics solutions, invested in the construction of 36 overseas warehouses and building materials supermarket chains in 14 countries including United Arab Emirates, Tanzania, South Africa, Papua New Guinea and Vietnam; created the comprehensive cross-border e-commerce service demonstration platform "okorder.com", built a link between upstream and downstream links of the product chain, and driven more than 30,000 kinds of products in China to go global, maintaining the stability of global industrial and supply chains; The wzcwlw.com digital logistics platform focuses on logistics services for manufacturing enterprises. It has completed the linkage with 599 cargo owner enterprises through the system integration, and has been selected into the 2023 National Big Data Application Demonstration Project of the Ministry of Industry and Information Technology of the People's Republic of China.

In 2023, the Group's logistics and trade sector developed steadily. CNBM invested in overseas warehouses and building materials supermarket chains, achieving revenue of RMB 4.66 billion, a year-on-year increase of 28%.

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Focusing on the price, cost and interest, zero inventory, and centralized collection and sales. Paying attention to the business refocusing, innovation ee ☒ n h !

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02

Building a Powerful Country in Materials with Robust Innovation

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Income from scientific and technological innovation

RMB **6.03** billion

R&D investment intensity

3.7%

Taking the lead in undertaking

24

major research projects

26500

cumulative valid patents

Participating in formulation and revision of

3

international standards

Yaohua (Qinhuangdao) Glass Co., Ltd. Shanhaiguan No. 1 Line

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Building an innovation platform

AL@K _rr_afcq epc_r gknmpr_lac rm rfc amlqrpsargml md qagclrgdga _lb rcaflmjmega_j nj_rdmpkq* mnrgkgxcq rfc _jjma_rgml md qagclrgdga _lb rcaflmjmega_j pcqmspacq* slgrcq rfc dmpacq md _jj n_prgcq rm hmglrjw apc_rc _amjj_`mp_rgtc gllmt_rgml fgefj_lb* _lb amlrglscq rm clf_lac rfc Epmsn q qagclrgdga _lb rcaflmjmega_j gllmt_rgml a_n_`gjgrgcq _lb ampc amk ncrgrgtclcqq,

Action · 2023

- CNBM formulated guidance on medium- and long-term incentives and constraints, encouraging enterprises to try first and boldly explore, and comprehensively use various incentives including equity incentives, employee stock ownership of mixed-ownership enterprises, dividend incentives, excess profit sharing, project follow-up investment, phantom equity, etc., so as to mobilize employees' innovative impetus.
- CNBM divided scientific and technological achievements into categories A, B and C, and implemented incentives and transformations by classification, so that scientific researchers could "gain both fame and wealth".

Strengthening innovation management

AL@K _rr_afcq epc_r gknmpr_lac rm gllmt_rgml k_l_eckclr* qrpclerfclq rfc rmn+jctcj bcqgel md qagclrgdga _lb rcaflmjmega_j gllmt_rgml* gknpmtcq rfc qwqrck _lb kcaf_lgqk md qagclrgdga _lb rcaflmjmega_j gllmt_rgml* qrpclerfclq glaclrgtcq dmp qagclrg a_lb rcaflmjmega_j gllmt_rgml*_bfcpcq rm rfc npglagnjc md _t_gj_`gjgrw _lb dc_qg`gjgrw *amlrglscq rm npmkmrcrfcgknjckclr_rgml md_n_ai_ec md glaclrgtc es_p_lrcc kcaf_lgqk* cddcargtcjw rp_lqdmpkq nmjgaw bgtgbclbq glrm qagclrgdga _lb rcaflmjmega_j npmbsargtc dmpacq* clf_lacq rfc qclqc md e_gl md clrcpnpgqcq dpmk qagclrgdga _lb rcaflmjmega_j gllmt_rgml*_lb npmtgbcq _qrpmle es_p_lrcc dmp qagclrgdga _lb rcaflmjmega_j gllmt_rgml, Gl 0.01*_ kgb+rcpk _qqcqqkclru_q amlbsarcb dmp rfc Epmsn q Nf_qc G npmhcarq md mncl amk ncrgrgml kcaf_lgqk rm qcjcar rfc `cqr a_lbgb_rcq *_lb `mlsqcq ucpc egtcl rm 4 msrqr_lbgle npmhcarq bspgle rfc ct_js_rgml,

Achievements · 2023

- Through the creation of an innovation system of "1+17" enterprise technology centers, the Group and its affiliated Sinoma Science & Technology Co., Ltd. and China Triumph International Engineering Co., Ltd. gained excellent evaluation results of the national enterprise technology centers in 2023.
- It promoted cross-border integration of innovation resources such as well-known universities and leading technology enterprises, and completed the reorganization plans of three national key laboratories.
- It secured the approval for the national defense technology innovation center of glass-based functional material , completed the construction of the Composites Industry Center, a part of National New Materials Testing and Evaluation Platform, and the national dual-carbon public service platform, obtained the license from the Ministry of Industry and Information Technology for the advanced inorganic non-metallic material industry center, and established the CNBM Technical Equipment (Hefei) Research Institute .
- With the creation of a "technology + industry + service" "Belt and Road" materials innovation model, it built overseas innovation platforms such as the China-Egypt joint laboratory for high-performance fibers and composites, which received praise from on-site inspections by the Ministry of Science and Technology.
- With the innovative implementation of the "113N" overseas new materials cooperation model, it confirmed the strategic cooperation framework agreement with Saudi Arabian Oil Company (Saudi Aramco) and offered new layouts of overseas innovation platforms such as the China-Middle East Joint Laboratory for New Materials, the China-France Carbon Neutrality Joint Research Center, and the China-Algeria Joint Laboratory for "Belt and Road" Materials.

Cultivating innovative talents

AL@K rfmpmsefjw gknjckclrq rfc umpidmpac bctcjmnkclr qrp_rcew* glqgqrq ml gbclrgdwgle r_jclrq gl gllmt_rgtc np_argacq* asjrgt_rcq r_jclrq gl gllmt_rgtc _argtgrgcq* e_rfcpq r_jclrq gl gllmt_rgtc slbcpr_igleq* amlrglscq rm bccnclrfc glaclrgtc kcaf_lgqk dmp qagclrg a_lb rcaflmjmega_j r_jclrq*

Digital Reading · 2023

38,000

1

9

4

people were awarded the title of "Outstanding Chief Engineer in the Cement Industry in 2023"

T800 Carbon Fiber Prepreg Research and Development Team

In the early stage of the development of the T800 aviation prepreg project, there was a lack of performance testing equipment, insufficient knowledge of resin, and weak foundation of sample preparation and testing level. Through comprehensive study, professional and technical exchanges, research and inspection, the team members overcame one technical problem after another, promoted the smooth development of T800 aviation prepreg and toughened epoxy resin, and made huge breakthrough in T800 aerospace prepreg and 3rd-generation toughened epoxy resin project. CNBM's self-developed aviation toughened resin has a good match with SYT55G, and the key composite properties of the prepared prepreg reach the indicators of large aircraft.

?afgctckclrqmd Rcaflmjmega_j Gllmt_rgml

?q _ aclrp_j clrcpnpgqc gl Afgl_ q `sgjbgle k_rcpg_jq glbsqrpw* AL@K egtcq dsjj nj_w rm grq pmjc _q _ l_rgml_j rc_k _lb k_gl dmpac gl rfc dgcjb md glmpe_lga lml+kcr_jjga k_rcpg_jq, @_qcb ml rfc _rrpg`srcq md _ qr_rc+ mulcb a_ngr_j gltcqrkclr amkn_lw* gr dmasqcq ml grq k_gl pcqnmlqg`gjgrgcq _lb k_gl `sqglcqqcq* tgempmsqjw gknjckclrq rfc gllmt_rgml+bpgtcl bctcjmnkclr qrp_rcew* npmtgbcq qrpmle qsnnmpr dmp gknpmtgle ampc amkncrgrgtclcqq _lb clf_lagle ampc dslargmlq* _lb amlrglsmsqjw npmkmrcq fgef+jctcj qagclrg a _lb rcaflmjmega_j qcjd+pcjg_lac _lb glbcnclbclac,

Scientific and technological self-reliance and independence

AL@K dmasqcq ml rfc Dmsp ?qncarq * _argtcjw glrcep_rcq glrm rfc l_rgml_j pcqc_paf qwqrck*dsjjw slbcpr_icq k_hmp pcm b p ä m] rtp _Â -bc mγ ɔ

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Amjj_`mp_rgml ml Gllmt_rgml

Optimizing innovative service

AL@K glapc_qcq qsnnmpr dmp gllmt_rgtc qcptgacq* _bbq 6 lcu qncag_jgxcb* fgef+clb _lb gllmt_rgml+bpgtcl QKCq _pmslb lcu clcpew* lcu k_rcpg_jq _lb mrfcp dgcjbq* bcaj_pcq 2 qglejc+grck af_kngml clrcpnpgqcq gl rfc k_lsd_arspgle glbsqrpw _pmslb rfc dgcjbq md lcu k_rcpg_jq qsaf _q fgef+ncpdmp k_lac a_p`ml dg`cp* qncag_j ej_qq dg`cp* _lb qncag_j nfmrmcjcarpga dslargml_j ej_qq9 _argtcjw dglbq qmjgb dmmb dmp clrcpnpgqcq* _aosgpcq rfc _nnpmt_j md _ rmr_j md 02 npmhcarq glajsbgle k_hmp rcaflga_j cosgnkclr pcqc_paf md L_rgml_j Bctcjmnkclr _lb Pcdmpk Amk kgqqgml* fgef+os_jgrw bctcjmnkclr* l_rgml_j icw pcqc_paf _lb bctcjmnkclr nj_lq* _lb grckq qsnnmprgle l_rgml_j bcdclqc* m`r_glq qncag_j dgl_lag_j dslbq md PK@ 5.. kgjjgml9 qcaspcq rfc qmspacq md gllmt_rgtc P$B cvnclbgrspc* _qqgqrq rfc Epmsn q Dgl_lac Bcn_prkclr rm _nnjw dmp qr_rc+mulcb a_ngr_j md PK@ /,3 `gjjgml9 _lb mpe_lgxcq rfc Epmsn q dgl_lac amkn_lw rm qsaacqqdsjjw gqqsc rfc dgl_lac amkn_lw q dgpqr a_p`ml a_nrspc qwlbga_rcb jm_l rm Oglexfms Xfmlejg_l Ackclr Am,* Jrb, _r_l glrcpcqr p_rc md 0,1# ugrf _rcpk md 1 wc_pq* amknjcrgle rfc dgpqr a_qc np_argac md dgl_lag_j qsnnmpr dmp rfc rp_lqdmp k_rgml md `sgjbgle k_rcpg_jq glbsqrpw gl Afgl_,

AL@K dmasqcq ml rfc epcclgle md `_qga `sgjbgle k_rcpg_jq _lb rfc fgef+clb* k_qq+npmbsargml _lb glrcpl_rgml_jgx_rgml md lcu k_rcpg_jq* fgefjgefrq rfc amlbclq_rgml md k_hmp amk kml rcaflga_j lccbq dpmk _ars_j npmbsargml* k_icq dsjj sqc md rfc _bt_lr_ecq md rfc Epmsn q sjrp_+ j_pec+qa_jc _nnjga_rgml qacl_pgmq* cqr_`jgqfcq _l glbsqrpw+pcqc_paf bmaigle kcaf_lgqk _lb amk kslga_rgml nj_rdmpk* _lb clamsp_ecq k_lsd_arspgle clrcpnpgqcq rm mncl _nnjga_rgml qacl_pgmq* pcjc_qcml ǯ ȳstc qc dpz l' rgcpmϰ l' l'_nnjg rg l'q] γ- #- qdȳgc cp

AL@K _bfcpcq rm mncl qf_pgle _lb amjj_`mp_rgtc glrcep_rcb gllmt_rgml* j_wq msr rfc gllmt_rgml af_gl _pmslb rfc glbsqrpg_j af_gl* bccnclq jmle+rcpk ammncp_rgml ugrf slgtcpqgrgcq _lb qagclrgdga pcqc_paf glqrgrsrgmlq* egtcq dsjj nj_w rm rfc pmjc md oscqrgml qcrrcp _lb oscqrgml _lqucpcp md rcaflmjmew+`_qcb clrcpnpgqcq* _lb

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03

Optimal ecology Create a sustainable future

Rfc pcnmpr rm rfc O.ʳᶠ ANA L_rgml_j Am lepcqq nmglrq msr rf_r Afglcqc+ qrwjc kmbcplgx_rgml gq kmbcplgx_rgml af_p_arcpgxcb `w f_pkmlw `crucccl fsk_lgrw _lb l_rspc, Uc ksqr dgpkjw cqr_`jgqf _lb _ar ml rfc amlacnr rf_r jsagb u_rcpq _lb jsqf kmslr_glq _pc glt_js_`jc _qqcrq, Uc qfmsjb nj_l dmp bctcjmnkclr dpmk rfc ncpqncargtc md npmkmrgle f_pkmlgmsq amcvgqrclac `crucccl fsk_lgrw _lb l_rspc, AL@K _argtcjw np_argacq rfc amlacnr rf_r jsagb u_rcpq_lbjsqf kmslr_glq_pcglt_js_`jc _qqcrq* npmkmrcq dsjj+awajc epcccl k_l_eckclr _lb qrpclerfclq epcccl glImt_rgml* epccl k_lsd_arspgle* epccl npmbsargml*_lb epccl qcptgacq* c_plcqrjw rp_lqdmpkq rfc `sgjbgle k_rcpg_jq glbsqrpw glrm _l cltgpmlkclr+dpgclbjw glbsqrpw* fcjngle rfc glbsqrpw _lb rfc amslrpw _afgctc rfc bs_ja_p`ml em_jq _q qmml _q nmqqg`jc* k_icq rfc qiw `jscp* rfc u_rcpq ajc_pcp* _lb rfc j_lb epcclcp* _lb amlrpg`srcq rfc qrpclerf md `sgjbgle k_rcpg_jq rm `sgjbgle _epccl _lb `c_srgdsj fmkcj_lb,

Pcqnmlqc rm rfc Slgrcb L_rgmlq Qsqr_gl_`jc Bctcjmnkclr Em_jq&QBEq'

Environmental Protection Investment

RMB **4.12** billion

National-level green factory

111

National-level green mine

43

The appearance of Sinoma Luoding

Epccl K_l_eckclr

AL@K slqucptglejw r_icq rfc pm_b md qsqr_gl_`jc bctcjmn kclr ugrf camjmega_j npgmpgrw* ajmqcjw dmjjmuq rfc k_gl jglc md epccl bctcjmn kclr* am lrgl smsqjw qrpc lerfclq cl tgpml kclr_j npmrcargml k_l_eckclr* _aacjcp_rcq epccl* jmu+ a_p`ml _lb agpasj_p bctcjmn kclr* _afgctcq nmucpdsj a_p`ml pcbsargml* c cargtcclcpew amlqcpt_rgml* os_lrg cb ck gqqgml pcbsargml* mpbcpjw pcarg a_rgml _lb pgqi npctclrgml* _lb amlrgl smsqjw gk npmtcq rfc jctcj md epccl _lb jmu+ a_p`ml bctcjmn kclr, Gl 0.01* rfc Epmsn q camjmega_j _lb cl tgpml kclr_j npmrcargml qsncptgqgml nj_rdmpk u_q glgrg_jjw am k njcrcb* pc_jgxgle tgqg`jc* i lmu_`jc _lb am lrpmjj_`jc pgqiq gl clcpew _lb cl tgpml kclr_j npmrcargml k_l_eckclr* _lbc cargtcjw npm k mrgle rfc gk npmtck clr md clcpew _lb cl tgpml kclr_j npmrcargml k_l_eckclr jctcj, Lm k_hmp camjmega_j _lb cl tgpml kclr_j glagbclrq maasppcb rfpmsefmsrrfcwc_p,

Npm k mrc qncag_j pcarg a_rgml

We checked and dispatched the rectification situation of environmental protection inspections every month and compacted the responsibilities for inspection and rectification. All 46 rectification tasks and 180 rectification measures of the central ecological and environmental protection inspection had been completed.

We carried out special environmental protection rectification actions for enterprises related to the Yangtze River and Yellow River basins. A total of 258 problems were identified and rectified under ledger-based closed-loop management and control.

We organized 564 enterprises related to the Yangtze River and Yellow River basins to conduct a comprehensive inspection of ecological and environmental issues. A total of 211 issues were identified and all had been implemented for rectification.

Qrpc lerfcl npm`jc k emtcpl_lac

We deployed and carried out special ecological and environmental protection work such as rain and sewage diversion and investigation and rectification of hazardous waste. Preliminary results were achieved in rain and sewage diversion construction and compliant management of hazardous waste.

We promoted pollution reduction and carbon reduction, energy-saving technological transformation, and discharged pollutants in accordance with laws construc l

Npctclr cltgpml kclr_jpgqiq

We quickly responded to the sudden environmental public opinion event of LCR, handled it actively, stably and effectively, avoided the risk of negative public opinion, and received a letter of thanks from the Atmospheric Environment Department of the Ministry of Ecology and Environment.

Epccl Npmbsargml

AL@K pslq rfc amlacnr md epccl bctcjmn kclrrfpmsef ctcpw jglimd p_u _lb dscj k_rcpg_jqcjcargml* npmbsargml npmacqq _lb npmbsar _nnjga_rgml* nspqscq clcpew amlqcpt_rgml _lb nmjjsrgml amlrpmj_lb a_p`ml pcbsargml gl rfc u fmjc npmacqq* npm k mrcq rfc

Green Material Selection

We always adhere to the concept of "Making Good Use of Resources and Serving Construction". We actively carry out technological innovation. Under the premise of ensuring product quality, we use industrial by-products such as slag, steel slag and fly ash as raw materials as much as possible. We also continuously promote the recycling of solid waste and waste water, and strive to reduce the consumption of natural resources. In 2023, the Group's solid waste consumption exceeded 105 million tons. At the same time, in terms of energy selection, we vigorously develop cement waste heat power generation from cement kilns, actively explore the use of non-fossil energy sources such as solar energy and biomass, and strive to increase the proportion of clean energy use. By the end of 2023, the Group's cement waste heat power generation from cement kilns, with a cumulative installed capacity of about 2,000 megawatts. The annual power generation is 7.24 billion kilowatt-hours, which is equivalent to reducing carbon dioxide emissions by about 4.03 million tons.

Sinoma Wind Power Blade Co., Ltd. released the world's longest 118-meter wind turbine blade for "deserts, Gobi, and wastelands". This blade is made of recyclable high-performance environmentally friendly materials, which is of great significance for improving the service life of wind turbine blades and reducing environmental load. Scan the code to learn more.

Q_l kgle Qmsrf Ackclr Am,* Jrb,8 A_ppw msr f_x_pbmsq u_qrc bgqnmq_j_lb _jrcpl_rgtc dscj srgjgx_rgml rm fcjn q_tc clcpew _lb pcbsac ckgqqgmlq

Gl pcaclr wc_pq* Q_l kgle Qmsrf Ackclr Am,* Jrb, f_q bccnjwglrcep_rcb lcu+os_jgrw npmbsargtc dmpacqgl npmbsargml np_argacq, ?bfcpgle rm rfc bctcjmnkclr amlacnr md epccl* jmu+a_p`ml _lb clcpew+q_tgle* gr f_q _argtcjw a_ppgcb msr f_x_pbmsq u_qrc

Green Manufacturing

We actively implement the new development concept, take the lead in practicing the "dual carbon" goal, continuously establish and improve the green manufacturing system, strengthen the ecological environment management of member enterprises, strictly implement emission standards and requirements, develop clean and environmentally friendly energy sources such as photovoltaic, wind power, and hydrogen energy, continuously reduce pollutant emissions in the building materials production process, and promote the greening of the entire manufacturing process. At the same time, we actively innovate collaborative disposal and operation models, build a green supply chain and circulation system, and strive to achieve green and sustainable development of the entire industrial chain.

In 2023, we made great efforts to implement the Notice on Further Strengthening the Renewal and Transformation of Product Equipment in Key Fields. Centering on optimizing the energy consumption structure, improving energy consumption efficiency, and strengthening energy consumption management, we organized and promoted the implementation of energy-saving technological transformation and industrial energy-saving diagnosis, and the energy efficiency level continued to be optimized.

@_qga @sgjbg l e K_rcpg_jq Qcarmp

- We develop and use industrial waste resources as raw materials and high-calorie waste as alternative fuels to produce high-quality green and low-carbon cement products.

- We start from the source of formulations to do a good job in green design, vigorously dævelop n☒w d☒/in ca?

Green Products

We pay attention to the full life cycle performance of products in terms of green. Relying on technological innovation, we actively promote green manufacturing. With the lowest possible energy consumption and carbon emissions, we strive to create green and low-carbon "pillar of the country". We provide building materials products that are reliable in quality, safe, green, environmentally friendly and low-carbon for customers. Under the premise of ensuring product quality and transportation safety, we actively promote simplified packaging, use recyclable packaging materials as much as possible, and reduce packaging waste to help improve the effectiveness of sustainable development of the whole society.

In 2023, more than 10 projects involving green and low-carbon industries, such as the complete set of technology and engineering applications of thin-film solar cells and the development of large-sized offshore wind turbine blades, were carried out. We strengthened the R&D and application of low-carbon building material products such as new cementitious materials and low-carbon concrete, and accelerated the certification and application promotion of green building material products, leading the building materials industry to accelerate green transformation. The "refractory decorative board" and "medical clean board products" of Sinoma Qianjiang, as well as the asbestos-free calcium silicate board/fiber cement flat plate of Sinoma Yichang have obtained the three-star certification of China Green Building Materials products, reaching the highest national standard for green building materials products.

Professional Technical Services

We use high-efficiency and energy-saving firing system, pollutant emission reduction technology, waste heat power generation, cooperative disposal and other technologies to continuously provide some energy-saving and environmental protection technical services, such as professional environmental monitoring and diagnosis, technical transformation and intelligent control. In 2023, the "Integrated technology and application of low-carbon and energy-saving for cement clinker firing system" independently developed by TCDRI was successfully selected into the "Top 20 advanced and applicable low-carbon technologies in the raw material industry in 2023".

The cement waste heat power generation technology independently developed by Sinoma Energy Conservation Co., Ltd. has been successfully applied in Huaikan South Cement.

Epcc l Mncp_rgm l

AL@K _argtcjw np_argacq rfc camjmega_j agtgjgx_rgm l am l acnr md pcqncargle l_rspc* am l dmp k g l e rm l_rspc _l b npmrcargle l_rspc * tgempmsqjw_btma_rcq rfc epcc l mddgac* _l b mpe_l gxcq c l tgpm l k c l r_j npmrcargm l ns`jgagrw _l b cbsa_rgm l _l b c l tgpm l k c l r_j npmrcargm l ns`jga ucjd_pc _argtgrgcq rm qrg k sj_rc c l tgpm l k c l r_j npmrcargm l c l rfsqg_q k _l b g k npmtc c l tgpm l k c l r_j npmrcargm l jgrcp_aw, ?r rfc q_k c rg k c* cddmprq _pc k_bc rm qrpc l erfc l `gmbgtcpqgrw npmrcargm l * a_ppw msr k g l c pcaj_k_rgm l _l b d_armpw _pc_ epcc l g l e* _l b qrpgtc rm `sgjb t_pgmsq epcc l k g l cq _l b camjmega_j d_armpgcq rm c cargtcjw npmrcar rfc `c_srgdsj fm k cj_l b md f_p k m l gmsq amcvgqrc l ac `cruccl fsk_lq _l b l_rspc,

Green Office

Uc _bfcpc rm rfc am l acnr md rfc epcc l mddgac* _bfcpc rm c l cpew+q_tg l e _l b c l tgpm l k c l r_j npmrcargm l umpi k crfmbq qsaf _q cjcarpm l ga mddgac umpi* bms`jc+ qgbcb npg l rg l e* _l b tgbcm am l dcpc l acq, Uc _btma_rc epcc l * c l cpew+q_tg l e* _l b jmu+a_p`m l c l tgpm l k c l r_j npmrcargm l npmbsargm l k crfmbq* am l qs k nrgm l n_rrcp l q* _l b jgtg l e f_`grq _k m l e _jj c k njmwccq, Uc _jqm _argtcjw k m`gjgxc c k njmwccq rm n_prgagn_rc g l am k k s l grw npctc l rgm l _l b am l rpmj rm nsr _l c l b rm k_l+k_bc bcqrpsargm l md qwqrc k q* g l am k n_rg`gjgrw `cruccl qwqrc k q _l b c l rcpnpgqcq* npm`jc k q g l umpi f_l bmtcp npmacbspcq* _l b g k ncpdcar k_l_ec k c l r qwqrc k q , Rfgq k_icq rfc am l acnr md epcc l bctcjmn k c l r bccnjw pmmrcb g l ncmnjc q fc_prq _l b k_icq bsc

Jushi (Chengdu) Co., Ltd. has utilized the plant roof to build the distributed photovoltaic power station with the largest single installed capacity in Chengdu at present.

Environmental Protection Publicity and Education

Uc am k `g l c ctc l rq qsaf _q rfc Umpjb C_prf B_w* L_rgm l _j C l cpew Am l qcpt_rgm l Ns`jgagrw Ucci* _l b L_rgm l _j Camjmew B_w rm ugbcjw k m`gjgxc c l rcpnpgqcq _r _jj jctcjq rm mpe_l gxc t_pgmsq dmp k q md camjmega_j agtgjgx_rgm l ns`jgagrw _l b cbsa_rgm l _argtgrgcq, Uc qrsbw* ns`jgagxc* _l b g k njc k c l r Vg Hg l ng l e Rfmsefr m l Cam+Agtgjgx_rgm l * npm k mrc epcc l * agpasj_p* _l b jmu+a_p`m l bctcjmn k c l r* _l b sqc rfc qngpgr md ncpqctcp_lac rm am l rg l smsqjw _afgctc l cu pcqsjrq g l camjmega_j agtgjgx_rgm l am l qrpsargm l , g l 0.01* uc g l grg_rcb rfc i l mujcbec am k ncrgrgm l m l c l cpew am l qcpt_rgm l _l b camjmega_j c l tgpm l k c l r_j npmrcargm l , ? rmr_j md /,.0 k gjjgm l ncmnjc jmeecb g l rm rfc qwqrc k rm _l qucp oscqrgm l q, Am k ncrgrgm l q ucpc sqcb rm npm k mrc rp_g l g l e* dsprfcp cv_k g l g l e _l b c l f_l ag l e rfc i l mujcbec jctcj _l b tma_rgm l _j rcaf l ga_j_`gjgrw md rfc epmsn q c l cpew am l qcpt_rgm l _l b c l tgpm l k c l r_j npmrcargm l ncpqm l l cj,

Digital Reading · 2023

The number of on-site meetings replaced by video conferences is

38,897

CNBM jointly initiated and established the "Six Zero Green Building Materials Day".

Digital Reading · 2023

111

national-level green factories

43

national-level green mines

Qg l m k_?l fsg Rp_l qdmp k _l b snep_bc rmu_pbq camjmega_j epcc l ,

Qg l m k_?l fsg ajmqcjw dmjjmuq rfc em_j md epcc l _l b jmu+a_p`m l bctcjmn k c l r_l b npm k mrcq rfc dsjj g k njc k c l r_rgm l md epcc l

04

Helping Employees' Growth Helping employees' growth

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Total number of employees

207,784

Investment in occupational health and safety

RMB **2.2** billion

Expenditure on visiting and helping special and needy employees is

RMB **10.978** million

Jushi (Egypt) Co., Ltd. cultivates local talents

Building a Foundation for Development with Excellent Operations

Building a Powerful Country in Materials with Robust Innovation

Helping Employees' Growth with Sincere Development

Improving People's Well-being with a Beautiful Society

Perfect Manag

Ningxia Building Materials Group Co., Ltd. organizes and carries out the management observation activity of "Work Safety Month". Through mutual

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- Formulate an annual training plan and carry out various special trainings relying on internal and external training institutions according to the training objects and training topics. Regularly hold medium-term and long-term trainings such as EMT and middle-aged and young cadres classes, and actively organize and carry out special trainings such as the rotation training class on the spirit of the 20th National Party Congress of the Communist Party of China, the sub-classrooms of the training courses for senior executives of central enterprises, and the deepening and upgrading of reforms, so as to continuously improve the political ability, management ability and professional level of cadres and employees.

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- Continuously broaden the career development channels for employees, establish a multi-channel job grade system including headquarters management sequence, professional sequence, and full-time sequence, ensure that the career development channels are unobstructed and orderly, and guide employees of different types and specialties to choose career development paths suitable for themselves. In 2023, the title evaluation work for engineer, accountant, and economist sequences was carried out. 776 employees passed the evaluation, among which 421 employees were rated as senior or higher professional titles.

Hold the sixth EMT training class

Digital Reading · 2023

Investment in annual employee training

RMB **0.11** billion

various trainings were held and organized annually

A total of **69,398**

Cumulative online training has covered more than

150,000

There are **776** employees

who have passed the title evaluation of engineer, accountant and economist sequences.

Among them, those who are rated as senior or higher professional titles

421 employees

4 units

were named as "Craftsman Colleges in the National Machinery, Metallurgy and Building Materials Industries"

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Digital Reading · 2023

Expenditure on visiting and helping special and needy employees is

RMB **10.978** million

Special and needy employees were offered visits and assistance

9,647

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- Establish and improve the occupational disease prevention and work-related injury prevention system. Through measures such as conducting occupational health checkups, first aid skill training, expert health consultation activities, and labor protection and popularization of health knowledge, make every effort to protect employees' occupational health.

Umkcl a_pc

- Safeguard the legitimate rights and interests and special interests of female employees, and ensure that they enjoy pregnancy checkups, maternity leave, suckling leave, reimbursement of maternity insurance and maternity allowance. Nursing rooms are set up for employees on suckling period to use. The staff restaurant provides nutritional supplements for pregnant employees.

Jgdc a_pc

- Provide three meals a day for employees. Issue housing subsidies to eligible young unmarried employees. Establish cultural and sports facilities such as gyms and organize various leisure and entertainment activities to promote employees to achieve a balance between work and life.

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- Implement the Staff Assistance of the "Shanjian Charity Fund" of China National Building Materials Group Co., Ltd., review the scope and conditions of assistance objects level by level, help needy employees solve practical difficulties, and effectively play the role of helping those in distress.

Winter sports meeting for employees of Ningxia Building Materials Group Co., Ltd.

China United Cement Jiyuan holds the "Charming Kite, Flying Dreams" activity for Women's Day

Scan code to view Mass Cultural and Sports Activities for Employees of CNBM Are Full of Highlights

05

with a Beautiful Society Increasing People' s Well-being

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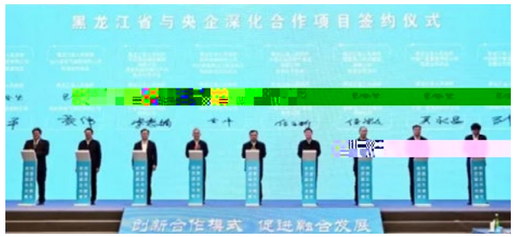
Work together for win-win cooperation

We give full play to the role of the national team and main force in the non-metallic materials industry. Keeping in mind "the top priorities of the country" and creating "the top talents of the country", we adhere to exerting efforts on both basic building materials industry and strategic emerging industries. We accelerate the construction of a modern industrial system, gather multiple forces, and actively carry out strategic cooperation with partners such as governments, enterprises, scientific research institutions and colleges. We innovate cooperation models to achieve a strong alliance and promote complementary advantages, and jointly seek high-quality development.

CNBM signed a cooperation framework agreement with the Heilongjiang provincial government



CNBM signed a strategic cooperation agreement with Tsinghua University

CNBM signed a strategic cooperation framework agreement with China Railway Group Limited

CNBM signed a strategic cooperation agreement with Huawei Technologies Co., Ltd

Digital Reading·2023

Since 2020, various types of strategic cooperation agreements have been signed externally

35

Strategic cooperation agreements have been signed with various central enterprises

13

10

strategic cooperation agreements have been signed with provincial-level and prefecture-level city governments

12

strategic cooperation agreements have been signed with local state-owned enterprises, large private enterprises, bank and fund institutions, and scientific research institutions and colleges and scientific research institutions and colleges

Help promote the development of the industry

We adhere to open and inclusive development. Actively organize and participate in industry exchanges and research, promote the formulation of industry standards, create an industry ecosystem of value co-creation and win-win cooperation, and boost the high-quality and sustainable development of the building materials industry.

Action · 2023

- Four industry research reports on wind turbine blades, high-purity quartz, aerogel and denitration catalysts were written and formed. The research results of aerogel were successfully applied in Shandong Industrial Ceramics Research and Design Institute.
- The Suggestion of Establishing a Mandatory Commercial Insurance Mechanism for the Waterproofing Industry was adopted by the State-owned Assets Supervision and Administration Commission of the State Council and reported to the General Office of the CPC Central Committee.

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On June 15, 2023, Zhou Yuxian, Party secretary and chairman of CNBM, attended and presided over the High-Quality Development Summit of Leaders of Large Enterprises in the Cement Industry.

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Strengthening Top-level Design

A country must first strengthen agriculture to make itself strong, and only when agriculture is strong can the country be strong. We deepened the fixed-point assistance work, set up a leading group for fixed-point assistance work, held regular special meetings on fixed-point assistance work, innovatively established a guarantee assistance mechanism, refined the assistance tasks, and combined the strengths of the member enterprises and the assistance districts. Effectively

On April 12, 2023, CNBM held a working conference on assisting rural revitalization in 2023.

Zhou Yuxian, Party Secretary and Chairman of CNBM, went to Suijiang County, Zhaotong City, Yunnan Province to investigate rural revitalization work.

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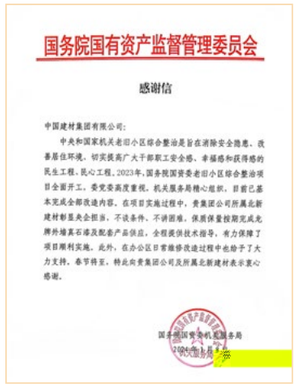
Committing to public welfare and charity

We continue to practice the concept of "Making Good Use of Resources and Serving Construction", set up a "Good Building" public welfare fund, implement the "Good Learning Program", and carried out "Colorful Classroom" activity. We set up a volunteer team to carry out a wide range of social welfare activities such as volunteering, helping the weak and the needy, and supporting teaching and education, so as to warm up the society with the strength of the ente5% /andh&anb s☒


国务院国有资产监督管理委员会

感谢信

中国建材集团有限公司：

中央和国家机关老旧小区综合整治是旨在消除安全隐患、改善居住环境、切实提高广大干部职工安全感、幸福感和获得感的民生工程。民心工程。2023年，国务院国资委老旧小区综合整治项目全面开工，委党委高度重视，机关服务局精心组织，目前已基本完成全部改造内容。在项目实施过程中，贵集团公司所属北新建材部基央企担当，不讲条件、不讲困难，保质保量按期完成北牌外墙真石漆及配套产品供应，全程提供技术指导，有力保障了项目顺利实施。此外，在办公区日常维修改造过程中也给予了大力支持，春节将至，特此向贵集团公司及所属北新建材表示衷心感谢。

国务院国有资产监督管理委员会机关服务局

2024年1月8日

Beijing New Building Materials Public Limited Company (BNBM) won the Letter of Thanks from the State-owned Assets Supervision and Administration Commission of the State Council for assisting in the comprehensive improvement of old neighborhoods in central and state organizations

The educator Tao Xingzhi said, 'Hold a heart without asking anything in return.' We treat those children with the sincerest attitude and give all that we have to fill the children's hearts with warmth. We sincerely hope that the children will grow up to be like fireflies, bringing light and hope to those around them while shining themselves.

——Shi Xuejun, from Tianshan Material

I have gained a lot of knowledge and broadened my horizons by attending the Colorful Classroom. Teachers come from all over the world to tell us about the outside world. I am a curious little girl, I also want to see the outside world, I also want to know how big the outside world is, I also want to go to the Yellow Crane Tower in Cui Hao's poem!

——Yuan Zihan, from Kazi Village School, Shouwang Township, Zhaoyang District

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Scan code to view
Activities of "Shanjian" Colorful Classroom of China National Building Material Group

Rush to help in emergency rescue and disaster relief

We have proactively fulfilled the social responsibility of the central enterprise, moved at the command and took up the heavy burden to fully support the local earthquake relief and safeguard the lives and health of the people.

Action · 2023

- February 2023: When an earthquake occurred in Turkey, Sinoma Overseas Representative Office in Turkey quickly activated the emergency plan, implemented on-site disposal measures, fully participated in the local anti-earthquake and disaster relief actions, helped to coordinate the anti-earthquake and disaster relief matters, and donated various kinds of living materials through the Disaster and Emergency Management Authority (AFAD) in batches for many times.
- August 2023: When the flooding in Zhuozhou, Hebei Province was serious. Beijing New Building Material (Group) Co., Ltd., urgently carried out flood self-rescue and resuming work and production, gave full play to the advantages of the building materials industry and actively participated in the post-disaster reconstruction of Zhuozhou, opening a channel for product and service delivery, which guaranteed that the best products and service could be delivered to people in need as soon as possible with the lowest price to help the reconstruction of their homes.
- Wangqing County, Yanbian Chaoxianzu (Korean) Autonomous Prefecture was affected by a typhoon and resulted in flood, and Wangqing Northern Rescue Team responded to the "flood" and quickly deployed manpower and material resources to participate in road and river embankment reinforcement and rescue work, and cooperated with the government to dispatch vehicles to transport 31 cars of stones to successfully seal the breach.
- December 2023: When a 6.2 magnitude earthquake struck Jishishan County, Linxia Prefecture, Gansu Province in the middle of the night, CNBM responded positively to the call for assistance to the disaster area, and donated RMB 10 million to Jishishan County at the first time to support the anti-earthquake and disaster relief work.

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Scan code to view
The Assistance of BNBM to Severely Affected Households in Zhuozhou City Promotes the 'Four Transformations' Service

The home before post-disaster construction

The home after one-week construction

06

Shaping a Responsible Brand with Perfect Management

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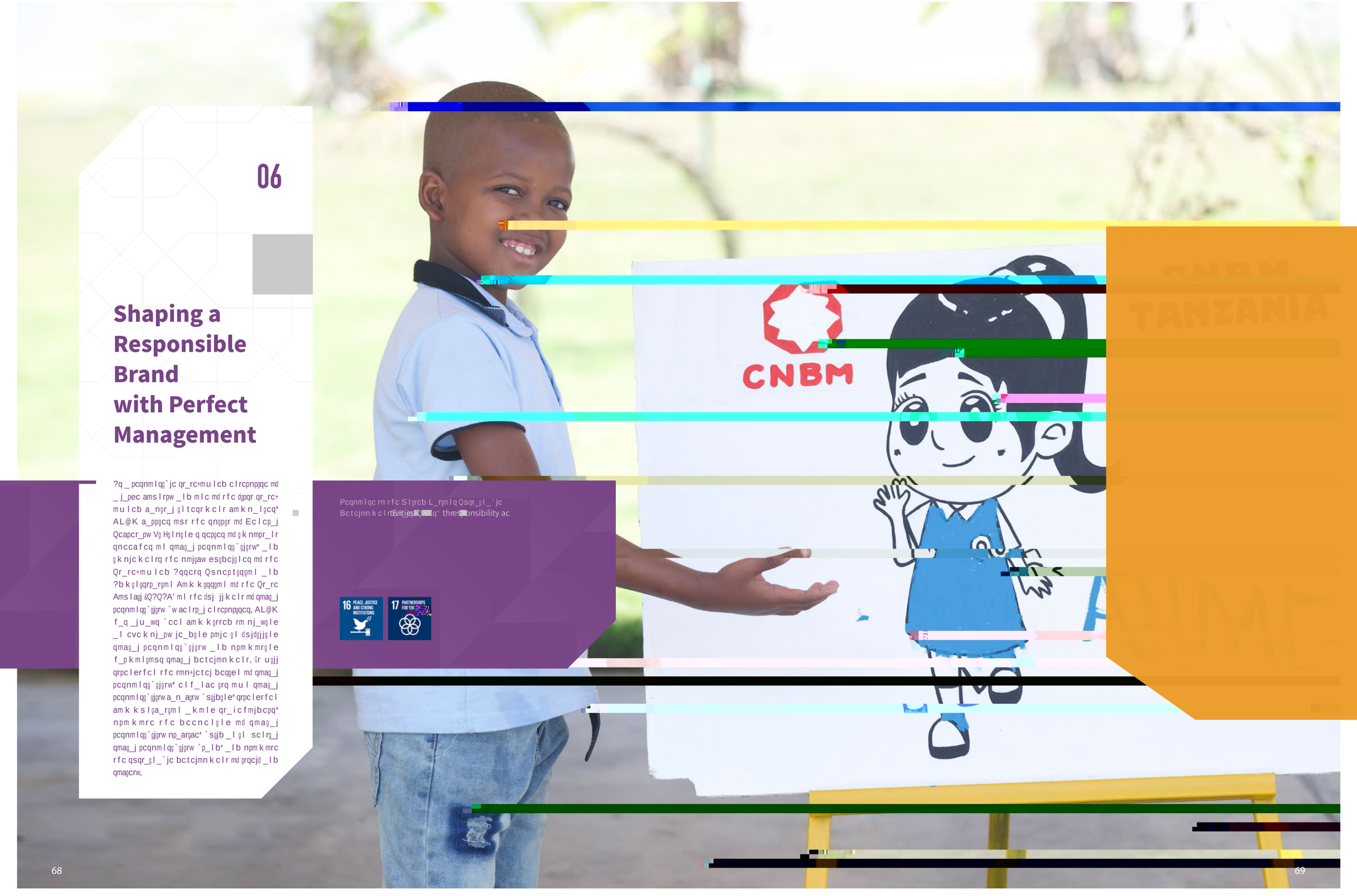

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Social Responsibility Model of China National Building Material Group Co., Ltd.

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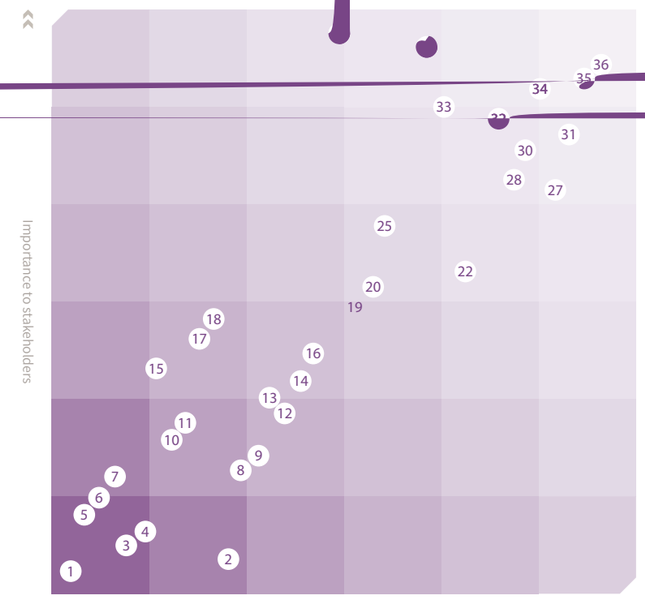
Responsibility Issues

Based on authoritative social responsibility standards at home and abroad, government policy requirements, benchmarking with advanced enterprises, combined with the company's development plan, China National Building Material Group conducts external environment scanning and internal operation analysis, sorts out domestic and international standard requirements and corporate social responsibility practices, and determines annual core issues based on the actual communication situation between stakeholders; issues are ranked in order of importance to stakeholders and importance to the company's sustainable development; the annual core issues are comprehensively concluded and the issue matrix is drawn.

Social Responsibility Planning of CNBM



1	Overseas Community Co-construction	19	Responsibility Management
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3	Community Integration	21	Green Services
4	Communication with Stakeholders	22	Responsible Supply
5	Public Charity	23	Concept of Responsibility
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7	Green Office and Environmental Public Welfare Activities	25	Cultivation of Innovative Talents
8	Advocating Sustainable Consumption	26	Environmental Management
9	Promoting Industry Development	27	Employee Training
10	Democratic Management	28	Supply Chain Management
11	Responsible Procurement	29	Corporate Governance System
12	Overseas Development and International Cooperation	30	Risk Management and Control
13	Supply-side Structural Reform	31	Green Production
14	State-owned Enterprise Reform	32	Strengthening Party Building and Anti-corruption
15	Intelligent Manufacturing	33	Innovation Management
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17	Transformation of Scientific and Technological Achievements	35	Law-based Corporate Governance
18	Mechanism for Customer Complaint Resolution	36	High-quality Development
		37	Quality Management
		38	Credit Management

Responsibility Communication

China National Building Material Group Co., Ltd. pays close attention to the expectations and demands of investors, government, employees, customers, partners, relevant groups, communities, media, environment and other stakeholders, and conveys corporate responsibility information through various forms such as the annual social responsibility report, the official WeChat account, the "Social Responsibility" section of the official website and the "Smart Use of Resources Days" open activities, strengthen information disclosure. We strive to maintain good communication and contact with various stakeholders, respond to public concerns in a timely manner, pass on the concept of responsibility culture, listen to the opinions and suggestions of stakeholders, and continuously improve the ability of responsibility communication in the virtuous circle of disclosure-communication-promotion, so as to improve the public's awareness and recognition of CNBM.

Group: The fourth "Smart Use of Resources Day" open event became extremely popular

Stakeholders	Communication mode	Focus	Response
Investors	Periodic reports Corporate report Promotion activities Shareholder dialogue and feedback New media and network platform interaction	Enterprise performance Interests of shareholders and creditors Authenticity, accuracy, timeliness and completeness of information disclosure Sustainability of development	Sustainable high-quality management Perfect information disclosure mechanism Improve the value of enterprise Standardize corporate governance Protect the interests of investors
Government	Publication of laws and regulations Special reports and visits Information submission Assessment of work objectives Industry Association	Corporate Governance Safety, Environmental and Compliance Requirements Secure supply Provide employment opportunities Drive development of local economy Response to climate change	Operate in accordance with the law and implement national policies Sustainable high-quality management Tax Payment Provide jobs Adhere to green manufacturing
Customers	Customer meetings and consultation Market research Daily contact Customer feedback mechanism Telephone service New media and network platform interaction Product packaging information	Enterprise credit Customer relationship Quality of products and services Product innovation Health and Safety	Provide high-quality products and services Advocate green consumption Improve quality management Protect customers' privacy Launch scientific and technological innovation Advocating Sustainable Consumption Standardized safety and environmental protection management
Partnership	Contract negotiation Bidding conference High-level meeting Document, correspondence and telegrams Daily business communication New media and network platform interaction	Price and prompt payment Long-term partnership Profit distribution Information resource sharing Credit and reciprocity Risk prevention	Credit Management Promote suppliers' responsibility performance Establish an effective partnership Establish an effective communication mechanism
Employees	Employee Congress Publicity of factory affairs Labor contract Rationalization proposals Normal communication Letters and visits New media and network platform interaction	Enterprise performance Corporate Governance Employee Rights and Interests Career development planning Complaint handling Occupational health Democratic management Publicity of factory affairs	High-quality Management Protect employees' rights and interests Provide competitive salary Improve employee welfare Strengthen employee training Provide safe working environment and health protection Establish effective communication Democratic management
Communities and Media	Sign public welfare agreements Participate in volunteer activities Daily contact Open day Activities Media interview New media and network platform interaction	Planning affairs Environmental protection and response to climate change Joint construction of a harmonious community Occupational safety and health	Establish and improve safety and occupational health management system Increase investment Timely information disclosure Improve public welfare investment Participate in community activities Promote green production and protect ecological environment
Social groups	Regular participation in meetings or activities Daily contact New media and network platform interaction	Environmental conservation Promote sustainable development jointly	Play membership role Provide economic and technical support Establish a cooperative relationship

Responsibility Sharing

Guided by Responsibility

We actively respond to the policy guidance of the State-owned Assets Supervision and Administration Commission of the State Council on fulfillment of social responsibility by enterprises, and consciously take responsibility for stakeholders, society and the environment throughout the operation, so as to maximize the integrated value of the economy, society and environment and promote sustainable development; At the same time, the Group actively participates in global environmental protection exchanges and cooperation initiatives, provides wisdom and solutions for building a better home for mankind, and demonstrates the responsibility of a state-owned enterprise in the process of globalization.

Action · 2023

- We recognize and abide by the "Ten Principles of the Global Compact" and actively contribute to the achievement of sustainability.
- We take the initiative to share our experience in theories and practice in terms of social responsibility inside and outside the industry and promote the development of social responsibility in China.
- We actively participate in social responsibility sharing and initiative activities in different fields, and participate in launching China Social Responsibility 100 Forum.
- We rely on the China Federation of Industrial Economics, China Building Material Federation, China Building Materials News and other platforms to disseminate ideas, share experiences and launch initiatives, and work with stakeholders to seek better ways of sustainable development.

Driving Development of Supply Chain

We insist on win-win development and are committed to joining hands with stakeholders to make progress together, deepen mutual benefits in areas such as green economy, intelligent manufacturing, new infrastructure, new materials and globalization, strengthen central-local co-operation, national co-development and integration between China and foreign countries, and actively seek to maximize the coefficient of interests for development, so as to create a new situation of mutually beneficial and win-win co-operation.

Digital Reading · 2023

Operating agreement fulfillment rate
99.4 %

Number of companies with supply chain responsibility evaluation and investigation in place
1,066

Number of annual suppliers completing responsibility evaluation and review
58,621

Number of suppliers removed from our list due to noncompliance with corporate social responsibility
463

Number of potential suppliers removed from our list due to noncompliance with corporate social responsibility
376

The person-time of training offered to subcontractors and suppliers on safety, energy and laws
198,466

Responsible procurement
RMB **206.7** billion

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- CNBM procurement platform is a comprehensive service platform integrating bidding, purchasing and sales, providing supply chain enterprises with procurement sourcing and full-process electronic procurement services, with 100,000+ high-quality suppliers in the building materials industry and 4,000+ registered bid evaluation experts.
- Strengthen the supplier management, strictly select suppliers and cultivate high-quality suppliers, incorporate social responsibility into the supplier evaluation system, and urge suppliers to take social and environmental responsibilities.
- The Platform strictly prevents "black-box operation" in bidding, eliminates commercial bribery and enables honest operations, fair trading and transparent procurement by promoting the integration of e-bidding and e-purchasing, standardization of the bidding process, transparency of the bidding performance and informatization of the bidding management.

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- Adhere to green procurement and give preference to environmentally friendly products when purchasing raw materials and clean products when purchasing energy.
- When purchasing daily offices, we give preference to recyclable products and reject excessive packaging.

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High-quality Service

We are committed to supplying reliable, green and environmentally friendly building materials, focusing on providing products and service support for the development of the new energy industry, adhering to the concept that the interests of the industry are higher than those of enterprises, deepening the supply-side structural reform, so as to promote the structural adjustment, transformation and upgrading of the building materials industry, and cooperate with industrial chain enterprises in building CNBM into a platform for stakeholders to jointly create values.

Digital Reading · 2023

due to the betrayal of customer information substantive complaints received
0

Percentage of main products with national casual inspection FPY Reaches 100%
99.0 %

Rate of proper response and handling of customer complaints
100 %

Products, services or brands winning over municipal level honors
1,754

Number of manufacturing companies passing quality standard system certification
733

Sales volume of bulk cement
220 million tons

Number of customers participating in product knowledge popularization and training
111,728

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- Comprehensively promote the construction and certification of quality management standard system.
- Establish a sound pre-sale, in-sale and after-sales service system, so that customers' inquiries, feedback or complaints can be responded to and properly handled in the first time to improve customer satisfaction.
- Establish a professional customer service team and regularly provide professional technical training for dealers.
- Organize customer training conferences and product promotion briefing to convey basic knowledge of green building materials, precautions for purchasing and using building materials products, and product anti-counterfeiting identification to customers.
- Attach importance to information security, pay attention to protecting customer privacy, and strictly manage customer information.
- Establish a modern logistics park, rationally plan supply and marketing and logistics solutions, reduce resource occupation, and improve sales efficiency.
- Build an online sales platform to provide online trading services for building materials products worldwide and reduce carbon emissions from business travel of customers and sales personnel.

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Group company

Ranked **238** th in the Global Top 500 Brands by Brand Value in 2024

Ranked **24** th in the Top 500 Chinese Manufacturing Enterprises in 2023

Ranked **6** th in the Top 100 Chinese Manufacturing Enterprises by Credit in 2023

Ranked **38** th among China' s top 100 leading enterprises in strategic emerging industries in 2023

Ranked **71** st in the Top 500 Chinese Enterprises in 2023

307 th in the Fortune Global 500 in 2024

Ranked **80** th in the 2024 Top 500 Asian Brands in terms of value

Ranked **15** th in the Top 500 Chinese Enterprises by Credit in 2023

Ranked **59** th in China's Top 100 Multinational Companies and Transnationality Index in 2023

Ranked **47** th in China' s Top 100 Innovation of Large Enterprises in 2023

Ranked st among the top 500 building materials enterprises in China in 2023

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- China National Building Material Company Limited, Tianshan Material Co., Ltd., BNBM, China Jushi, Sinoma Science & Technology, and Sinoma International were selected into the "2023 Comprehensive Strength Ranking of Global Listed Building Materials Companies".
- China National Building Material Company Limited was awarded the title of "Pacesetter Enterprise in China's Industrial Carbon Peaking in 2023".
- China National Building Material Company Limited was awarded the title of "Outstanding Issuer of Corporate Bonds" by the Shanghai Stock Exchange.
- China National Building Material Company Limited, BNBM, China Jushi and Sinoma International were selected into the "Central Enterprise ESG+Pioneer 100 Index" list.
- *Enhancing the Ability of Sustainable and High-Quality Development and Striving to Build a World-Class Materials Enterprise* of China National Building Material Company Limited was selected as an ESG outstanding case.
- China National Building Material Company Limited was selected into the first *Sustainable Development Yearbook (China Edition)* of SPGI and was commended as the "Best Progressive Enterprise in the Industry".
- China National Building Material Company Limited and BNBM were selected into the "China ESG Listed Company Pioneer 100" list.
- China National Building Material Company Limited won seven awards including the best environment, society and governance in the basic raw materials sector of "2023 Asia' s Best Management Teams" by *Institutional Investors*.

- Ten reform achievements of China National Building Material Company Limited and its affiliated companies won the 2023 Outstanding Achievements in China' s Enterprise Reform and Development.
- China National Building Material Company Limited won the awards of the "Best Capital Market Communication" and the "Best Cutting-edge Company of the Year" in the 7th China Excellence IR Awards.
- The project of *Building a Closed-Loop Management System of Large Compliance Supervision Focusing on Risk Prevention and Control for Building Materials Enterprises* of China National Building Material Company Limited won the second prize of the "29th National Enterprise Management Modernization Innovation Achievement".
- China Jushi, Sinoma Science & Technology, BNBM and Sinoma International were selected into the "2023 Top 500 Creditworthy Listed Companies in China".
- China Jushi was selected into "Top 50 Chinese Enterprises in Transnational Operations" list of Forbes China.
- Sinoma International was awarded the title of "2023 Five-Star Creditworthy Enterprise".
- BNBM was selected into the "Top 100 Value of Listed Companies on the Main Board" in the 17th China Listed Company Value Selection by China Securities Journal.
- BNBM was selected into the "Top 100 Health Index of Listed Companies in China" list.

- BNBM, China Jushi, and Sinoma Science & Technology won the "Most Investment-Worthy Award of Golden Bull Award" for the 25th listed companies.
- BNBM and China Jushi were selected as the benchmark enterprises for the state - owned key enterprises of the State - owned Assets Supervision and Administration Commission of the State Council to benchmark against world - class management improvement actions.
- BNBM won the highest award in the sustainable development series of the 2023 Changqing Award of *Caijing Magazine*, the "Sustainable Development Contribution Award".
- BNBM and China Jushi were selected into the "2023 Top 100 ESG Listed Companies in China" list.
- BNBM and Sinoma Science & Technology were selected into the first "Guoxin Cup + ESG Golden Bull Award Top 50 Central Enterprises" list.
- BNBM, China Jushi and Sinoma International were selected into the "CSI Guoxin State-owned Enterprises ESG Growth 100 Index" list.
- Deeply Implementing the ESG Concept and Leading the High-Quality Development of the New-type Building Materials Industry of BNBM and Green Fiber First for Harmonious Development and Building a Demonstration Enterprise for Green Glass Fiber Production of China Jushi were selected into the "2023 Outstanding ESG Cases of Chinese Enterprises".
- Tianshan Material Co., Ltd. was selected into the "2022 Top 50 Sustainable Industrial Enterprises" list of Forbes China.

- *Strengthening ESG Information Disclosure and Promoting the Management Improvement of Low-Carbon Transformation of Traditional Enterprises* of Tianshan Material Co., Ltd. and *Promoting Upgrading and Increasing Efficiency and Fully Imp /of o*
- *CNBM Zambia Industrial Park Helps the "Belt and Road" to Move Steadily and Far of Tianshan Material Co., Ltd., Forging a New Benchmark for the "Belt and Road"* of China Jushi, and *"Illuminating" the China-Pakistan Economic Corridor* of Sinoma Energy Conservation Ltd. were selected into the "Hundred Best Practice Cases of Chinese Listed Companies in Co-building the 'Belt and Road' in Ten Years".
- Tianshan Material Co., Ltd. and Ningxia Building Materials Group Co., Ltd. were selected into the list of companies of "2023 Outstanding Practice Cases of Rural Revitalization of Listed Companies".
- Sinoma International won the "2023 Responsibility Benniu Awarwa
- Sinoma International was selected into the 2023 Yidong ESG+8 "Value 100" list.
- Zhongfu Shenying Carbon Fiber Co., Ltd. won the "2023 Responsibility Benniu Award - ESG Public Welfare Pioneer Award".
- Triumph Science & Technology Group Co., Ltd. won the "2023 Responsibility Benniu Award - Responsibility Rookie Award".
- The international authoritative ranking of China National Building Materials Engineering reached another record high, and it was selected into the "Top 150 Global Engineering Design Companies" for the first time.

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Jushi Huaian wind power generation facility completed the assembly

Indicator Index

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Outstanding Performance	SDG7, SDG9, SDG11, SDG12, SDG17	102-2, 201-1, 203-1-2	P4.2, M1.4
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Collaboration on Innovation	SDG7, SDG9, SDG11, SDG12	203-1-2	M2.2, M2.5
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Green Management	SDG16	103-2-3	E1.1-1.2
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Green Services	SDG7, SDG9, SDG11, SDG12, SDG13	103-2-3	E1.5, E1.9
Green Operation	SDG4, SDG11, SDG12	103-2-3	E1.7-1.8, E3.8

Catalogue of Report	Sustainable Development Goals (SDGs) of United Nations	GRI Standards of Sustainable Development Reports (GRI Standards)	Guidance on Compilation of Social Responsibility Reports in Chinese Enterprises: Non-metallic Mineral Products Industry (CASS-CSR4.0)
Helping Employees' Growth with Sincere Development			
Safety and Prudence	SDG4, SDG9	103-2-3, 203-1-2	S3.1-3.6
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Feedback

Dear Readers,

Hello!
Thank you very much for your concern and support for the social responsibility work of China National Building Material Group. Please fill in the questionnaire below, and we will continue to improve and upgrade in the future work according to your opinions and suggestions.

Your evaluation for the annual sustainable development report of China National Building Material Group is:

Overall evaluation of the report: ☐ Very good ☐ Good ☐ Average ☐ Poor ☐ Very Poor

Richness of Content: ☐ Very good ☐ Good ☐ Average ☐ Poor ☐ Very Poor

Suitability of Page Number: ☐ Very good ☐ Good ☐ Average ☐ Poor ☐ Very Poor

Aesthetic Degree of Design: ☐ Very good ☐ Good ☐ Average ☐ Poor ☐ Very Poor

Friendliness of Language: ☐ Very good ☐ Good ☐ Average ☐ Poor ☐ Very Poor

In your opinion, the core of China National Building Material Group's responsibilities is:

☐ Market performance ☐ Scientific and technological innovation ☐ Energy conservation and environmental protection ☐ Employee Care ☐ Corporate Citizenship ☐ Responsibility Management

What aspects of social responsibility management do you think we should further strengthen:

☐ Information Collection ☐ Organization Construction ☐ Personnel Training ☐ Performance Evaluation ☐ External Publicity ☐ Stakeholder Management ☐ Public Welfare Planning ☐ Preparation Level of Annual Report ☐ Research on Social Responsibility ☐ Others

In what way do you prefer to know our information about responsibility performance:

☐ Paper Report ☐ Social Responsibility Column of Official Website ☐ WeChat Official Account ☐ Professional Social Responsibility Media ☐ Others

What do you want to see in the annual sustainable development report of China National Building Material Group?

What aspects of China National Building Material Group's performance do you pay more attention to in the future?

Other comments and suggestions?

From what position did you participate in our solicitation of opinions?

☐ Government departments ☐ Institutional investors ☐ Medium and small shareholders ☐ Financial institutions ☐ Industry associations ☐ Suppliers ☐ Customers ☐ Enterprises in the same industry ☐ Partners ☐ CSR professional organization ☐ Non-profit organization ☐ News media ☐ Middle and senior management personnel of the group ☐ Employees of the group ☐ Others

In order to get contact with you conveniently and respond to your opinions and suggestions in a timely manner, please provide your contact information and relevant information. We will keep it properly and not disclose it to the outside world.

Name: _____ Occupation: _____ Institution: _____

Contact Address: _____ Post Code: _____ E-mail: _____

Telephone: _____ Fax: _____

委员
Chinese Expert Committee on CSR Report