



2023 河钢集团可持续发展报告

HBIS GROUP SUSTAINABILITY REPORT 2023

引领钢铁工业绿色低碳可持续发展
LEADING THE GREEN, LOW-CARBON AND SUSTAINABLE DEVELOPMENT OF THE STEEL INDUSTRY

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董事长致辞



2023年是全面贯彻落实党的二十大精神开局之年，是共建“一带一路”倡议提出十周年，也是河钢技术升级全面发力、转型发展实现突破的一年。面对应对气候变化、数字化技术快速发展、材料技术迭代加速带来的重大挑战，河钢以负责任企业的担当，向世界展示了中国钢铁工业致力于可持续发展的信心和决心，为推动世界钢铁工业的发展贡献了河钢力量，赢得了全球钢铁行业的广泛认同和高度赞誉，蝉联世界钢铁行业“可持续发展优胜者企业”称号。

聚焦钢铁主业，创造更高质量的未来。河钢面向市场和客户找准聚焦点和发力点，深耕周边市场、发力细分市场、挖掘个性化小众化市场和新产业新业态市场，以市场和客户需求为引领，加快“钢铁向材料、制造向服务”转变。稳步推进研发投入“三年上、五年强”专项行动，取得了一批先进科技成果，把丰富科技资源转化为产品竞争力，高端产品不断提质增效，河钢品牌影响力不断提升。

聚焦低碳转型，创造更可持续的未来。河钢以为人类文明制造绿色钢铁为愿景，持续推进低碳绿色发展行动计划，发布实施《低碳排放产品发展规划（2023—2026）》；河钢全球首例120万吨氢冶金示范工程实现稳定生产，引领钢铁行业迈入“以氢代煤”冶炼“绿钢”的时代；与宝马集团在国内首次开展绿色低碳钢铁供应链战略合作，与长城汽车共建第一家国产品牌汽车绿色供应链，与海尔集团携手共建全国首个绿色低碳家电家居用钢产业链，与海信集团协力推动绿色低碳新材料的技术创新和推广应用，共同打造供应链协同降碳新范式。

聚焦“一带一路”，创造更加开放的未来。河钢加快走出去步伐，始终坚持利益、用人、文化“三个本地化”原则，在高质量共建“一带一路”中做表率、当先锋，持续推动河钢塞钢、河钢南非矿业、河钢德高等境外企业创造经营发展新业绩，海外板块取得经济和社会效益双丰收。2023年，河钢塞钢的良好发展再次得到了习近平总书记肯定，赢得社会各界广泛赞誉。

奋斗铸就伟业，实干赢得未来。我们将坚持以习近平新时代中国特色社会主义思想为指导，在河北省委省政府的坚强领导下，奋力开创高质量发展新局面，为以中国式现代化全面推进强国建设、民族复兴伟业更好担当“河钢角色”、贡献“河钢力量”。

河钢集团有限公司董事长

Message from Chairman

The year 2023 is the first year to fully implement the guiding principles of the 20th National Congress of the Communist Party of China (CPC), and marks the 10th anniversary of the Belt and Road Initiative. It is also a year for HBIS to make comprehensive efforts to advance technological upgrading and achieve breakthroughs in transformational development. Facing the major challenges posed by climate change, rapid development of digital technology and accelerated iteration of materials technology, HBIS, an enterprise that lives up to its responsibilities, has demonstrated the confidence and determination of China's steel industry in its commitment to sustainable development, and made its due contributions to the development of world's steel industry. HBIS has won wide recognition and high praise from the global steel industry. It has been awarded the title of Sustainability Champion by the World Steel Association successively.

Focusing on the main business of steel to create a high-quality future. Keeping the market and the customer in mind, HBIS has identified the primary focuses and driving forces in a targeted manner. HBIS has been deeply rooted in peripheral markets, strived to develop segmented markets, and explored customized niche markets and markets relating to new industries and new forms of business. Guided by the market and customer demands, HBIS has accelerated the transformation “from steel to materials and from manufacturing to services.” HBIS has steadily increased investment in the special action of “Three Years to Achieve Improvement, Five Years to Become Stronger,” achieving a batch of sophisticated scientific and technological results and translating rich scientific and technological resources into product competitiveness. As high-end products continue to improve in both quality and quantity, the brand influence of HBIS has further enhanced.

Focusing on low-carbon transformation to create a more sustainable future. Committed to green steel production, HBIS has kept promoting the action plan for green and low-carbon development, and released and implemented the *Development Plan for Low-Carbon-Emitting Products (2023-2026)*. The world's first 1.2-million-ton hydrogen metallurgy demonstration project implemented by HBIS has realized stable production, ushering in the steel industry in the era of “using hydrogen instead of coal”

to produce “green steel.” HBIS has carried out the first strategic cooperation on green and low-carbon steel supply chain in China with BMW Group, established the first green supply chain for a domestic auto brand with Great Wall Motor, joined hands with Haier Group to build China's first green and low-carbon steel industry chain for household appliances and supplies, and worked with Hisense Group to promote the technological innovation and the popularization and application of green and low-carbon new materials, jointly creating a new paradigm of supply chain collaboration for carbon reduction.

Focusing on the Belt and Road Initiative to create a more open future. HBIS has accelerated the pace of “going global,” and always insisted on the “three-localization” principle of benefits, employment and culture. By leading by example, HBIS has taken the lead to promote high-quality development of Belt and Road cooperation, and kept promoting overseas enterprises such as HBIS Serbia, HBIS PMC and HBIS DITH to create new achievements in operation and development. The overseas business of HBIS has witnessed great results in creating both economic and social value. In 2023, the sound development of HBIS Serbia was once again commended by General Secretary Xi Jinping and won widespread acclaim from all sectors of society.

Great achievements can only come from hard work; a bright future can only be secured through solid efforts. We will, under the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era and the strong leadership of the CPC Hebei Provincial Committee and the People's Government of Hebei Province, strive to open up new prospects for high-quality development, giving full play to our role in and making our due contribution to advancing the noble cause of building a great country and national rejuvenation on all fronts through a Chinese path to modernization.

Yu Yong

Chairman of HBIS Group Co., Ltd.

走进河钢

About Us

河钢集团有限公司（简称“河钢”）坚持“高端化、智能化、绿色化”发展，纵向推进钢铁产业链条向高端制造延伸，横向推进同类业务结构性重组，加快实现“钢铁向材料、制造向服务”转型，致力于建设最具竞争力钢铁企业，成为具有世界品牌影响力，钢铁材料、新兴产业、海外事业与金融服务协同发展的跨国工业集团。截至2023年年底，河钢资产总额达5,456亿元，营业收入4,016亿元，在2023年世界500强排名第229位，并连续7年成为中国国际化程度最高的钢铁企业。

Insisting on high-end, intelligent and green development, HBIS Group Co., Ltd. (referred to as "HBIS") promotes the extension of the steel industry chain to high-end manufacturing vertically and advances the structural reorganization of similar businesses horizontally, accelerating the transformation from steel to materials and from manufacturing to services. HBIS is committed to building the most competitive steel enterprise and becoming a global industrial conglomerate with international brand influence and coordinated development of steel materials, emerging industries, overseas business and financial services. As of the end of 2023, the total assets and operating revenue of HBIS had reached RMB545.6 billion and RMB401.6 billion respectively. HBIS ranked 229th in the Fortune Global 500 list of 2023, and was recognized as the most internationalized steel enterprise in China for seven consecutive years.



资产总额
5,456 亿元
the total assets and operating revenue of HBIS had reached RMB545.6 billion



营业收入
4,016 亿元
RMB401.6 billion respectively



世界 500 强排名
第 **229** 位
HBIS ranked 229th in the Fortune Global 500 list of 2023

企业理念

Corporate Philosophy



共同愿景

建设最具竞争力钢铁企业 打造具有世界品牌影响力的跨国工业集团

Shared Vision

Being the Most Competitive Steel Enterprise and a Global Industrial Conglomerate with International Brand Influence



人本理念

员工是企业不可复制的竞争力

People Orientation

People Excellence



环保理念

为人类文明制造绿色钢铁

Environmental Protection

Green Steel Production



营销理念

一切为了满足客户的需求

People Orientation

Customer-Oriented



国际化理念

做世界的河钢

Globalization

Being the World's HBIS



企业荣誉

Awards & Honors

世界钢铁协会执行委员会成员单位、
中国钢铁工业协会轮值会长单位

Member of the Executive Committee of the World Steel Association and Rotating Chairman Unit of the China Iron and Steel Association

MPI 中国钢铁企业竞争力（暨发展质量）
排名中获“A+（极强）”最高评级

Won the “A+” Level Steel Enterprise for Extremely Strong Competitiveness, the highest rating of the MPI Comprehensive Competitiveness (Development Quality) of Chinese Steel Enterprises

连续 15 年位列世界企业 500 强，
2023 年居第 229 位

Ranked in the Fortune Global 500 list for 15 consecutive years, with a ranking of 229th in 2023

2023 年“亚洲品牌 500 强”第 138 位

Ranked 138th in the Asia's 500 Most Influential Brands of 2023 list

2023 年“中国企业 500 强”第 69 位

Ranked 69th in the Top 500 Chinese Enterprises for 2023

2023 年“中国制造业企业 500 强”第 22 位

Ranked 22nd in the Top 500 Chinese Manufacturing Enterprises for 2023

连续 7 年成为中国国际化程度最高的钢铁企业

Recognized as the most internationalized steel enterprise in China for seven consecutive years

2024 年以 1,785.29 亿元的品牌价值位列“中国 500 最具价值品牌”第 53 位，钢铁行业第二名

Ranked 53th in the China's 500 Most Valuable Brands of 2024 list with a brand value of RMB178.529 billion, and 2nd in the steel industry

蝉联世界钢铁行业
“可持续发展优胜者企业”称号

Awarded the title of Sustainability Champion by the World Steel Association

荣获世界钢铁协会低碳生产卓越成就奖

Winner of the “Excellence in low-carbon steel production” category of the World Steel Association

2023 年入选中国年度 ESG 卓越实践

Selected into China's Best ESG Practice Cases of 2023

领导团队

Leadership Team

于勇 Yu Yong

党委书记、董事长
Chairman, Secretary of the CPC Committee

王兰玉 Wang Lanyu

总经理、副董事长、党委副书记
President, Vice Chairman, Deputy Secretary of the CPC Committee

李炳军 Li Bingjun

党委副书记、董事
Deputy Secretary of the CPC Committee, Board Director

王耀彬 Wang Yaobin

副总经理
Vice President

胡志刚 Hu Zhigang

总会计师
Chief Financial Officer

李毅仁 Li Yiren

副总经理
Vice President

董士党 Dong Shidang

市委常委、纪委书记
Secretary of the Discipline Inspection Commission, Standing Committee Member of the CPC Committee

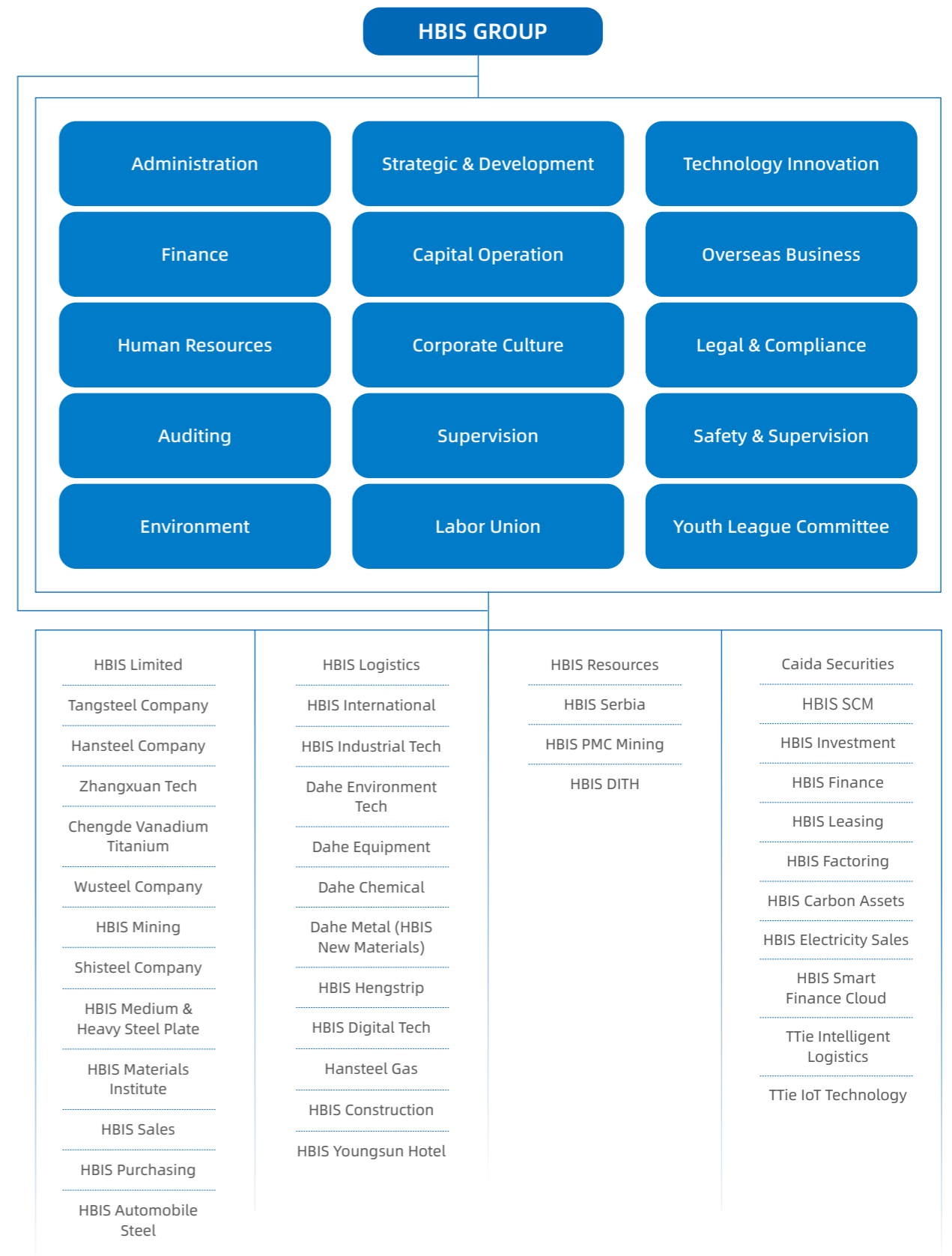
黄永建 Huang Yongjian

市委常委、副总经理
Vice President, Standing Committee Member of the CPC Committee

组织架构



Organization Structure



01 责任专题 Feature Story I

党建引领，厚植红色护航根基

Using Party Building Initiatives to Lay a Solid Foundation for Corporate Development

河钢集团党委坚持以习近平新时代中国特色社会主义思想为指导，认真落实河北省委、省纪委监委关于全面从严治党决策部署和省国资委党委工作要求，以扎实开展学习贯彻习近平新时代中国特色社会主义思想主题教育为契机，持续加强党的领导和党的建设，为集团提供崭新动能和强劲活力。

Under the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, the Party Committee of HBIS has earnestly implemented the decisions and plans made by the CPC Hebei Provincial Committee and the Discipline Inspection Commission of the CPC Hebei Provincial Committee on full and strict governance over the Party, as well as the work requirements of the Party Committee of the State-owned Assets Supervision and Administration Commission of the People's Government of Hebei Province. Taking the launch of initiatives to gain a good understanding of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era and acted on it as an opportunity, the Party Committee of HBIS has continued to strengthen Party leadership and Party building, providing the Group with new momentum and strong vitality.

高扬主题教育“主旋律”

Carrying Forward the Underlying Values of Education Campaign

河钢集团党委把深入开展学习贯彻习近平新时代中国特色社会主义思想主题教育作为集团最大的政治任务 and 推动高质量发展的重大契机、强大动力，高标准推动主题教育走深走实，实现高质量发展“六个新突破”。2023年，河钢集团举办专题学习研讨143次，组织2,900余名党员干部参加读书班学习，组织1,695名党组织书记讲专题党课。

Taking thoroughly carrying out the initiative to study and implement Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era as the Group's top political task and a major opportunity and powerful driving force to boost high-quality development, the Party Committee of HBIS has effectively promoted and deepened the initiative with high standards, achieving "six breakthroughs" in high-quality development. In 2023, the Group convened a total of 143 special study sessions, and organized more than 2,900 Party members to participate in theoretical study programs, as well as 1,695 secretaries of Party organizations to give special Party lectures.



河钢集团召开主题教育动员部署会议
A mobilization and deployment meeting for the education campaign held by HBIS

汇聚基层党建“好声音”

Building Strong Primary-Level Party Organizations

河钢集团党委深耕基层党建“责任田”，争创“星级支部”，筑牢战斗堡垒，不断强化“抓基层打基础”的意识和责任，以刚性制度确保基层党建责任落实工作落地，以对标机制持续织密建强基层组织体系，以竞赛平台发挥基层党组织战斗堡垒作用和党员先锋模范作用。

HBIS has intensified its efforts to enhance primary-level Party building, strived to build "starred Party branches," given full play to the key role of primary-level Party organizations in the basic units of social organization, and constantly strengthened the consciousness and responsibility of primary-level Party organizations. HBIS has guaranteed the effective implementation of responsibilities for the building of primary-level Party organizations through rigid systems, continuously improved and refined the primary-level organizational systems through benchmarking mechanisms, and given full play to the key role of primary-level Party organizations in the basic units of social organization and the exemplary and vanguard role of Party members through competition platforms.

2023年，河钢集团将1,500余个党支部细分为9种类型；部署开展党支部评星定级、晋档升级活动，累计评定“四星”级及以上党支部1,156个。

In 2023, HBIS had classified its more than 1,500 Party branches into nine categories; organized and carried out the star rating and grading campaign for its Party branches, and a total of 1,156 Party branches had been rated "four-star" or above.



河钢集团召开庆“七一”暨“两优一先”表彰座谈会
HBIS holds a commendation symposium to celebrate the founding anniversary of the CPC and to honor outstanding Party members, exemplary Party workers, and advanced primary-level Party organizations



张宣科技党委举办庆七一“共建杯”党建知识竞赛
The Party Committee of Zhangxuan Tech organizes the "Joint Building Cup" Party building knowledge contest to celebrate the founding anniversary of the CPC



河钢供应链党委研究基层党支部党建品牌创建实施方案
The Party Committee of HBIS SCM conducts research on the implementation plan for the creation of the Party building brand for primary-level Party branches



唐钢公司党委开展“名师大讲堂”活动
The Party Committee of Tangsteel Company carries out "Distinguished Lecture Series" activity

奏响从严治党“最强音”

Exercising Full and Strict Governance Over the Party

河钢集团压紧压实各级纪委监委监督责任, 开设“清廉河钢”专栏, 深入开展党性党风党纪教育, 严明政治纪律和政治规矩, 坚持一体推进不敢腐、不能腐、不想腐, 营造风清气正的政治生态。2023 年, 集团受理信访举报 235 件, 党纪政务处分 52 人次。

HBIS has further strengthened the responsibilities of discipline inspection commissions at various levels, set up the “Integrity HBIS” column, worked in concert to enhance Party consciousness, improve Party conduct, and tighten Party discipline, enforced strict political discipline and rules, and continued to take simultaneous, coordinated, and comprehensive steps to ensure that officials do not have the audacity, opportunity, or desire to become corrupt, striving to foster political integrity and create a clean political environment. In 2023, the Group handled a total of 235 pieces of tip-offs and complaint letters, and a total of 52 person-times of people received Party and government disciplinary punishment.

坚持责任导向, 严格落实全面从严治党主体责任清单

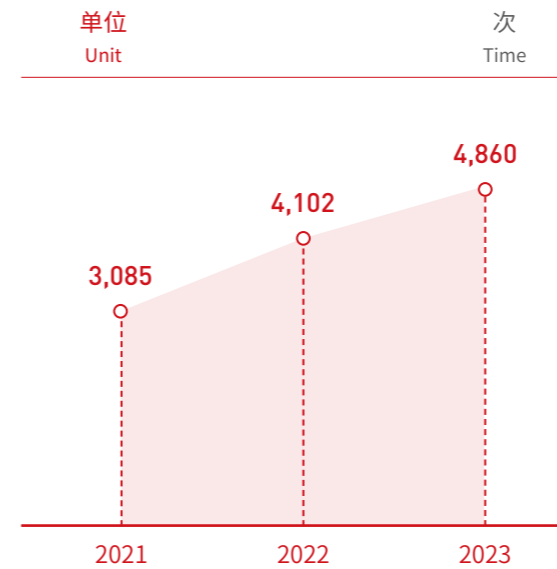
Insisting on being held accountable for misdeeds, HBIS has worked to ensure that leadership and oversight responsibilities for strict self-governance are properly assumed at all levels of the Party

坚持风腐同查, 持续加固中央八项规定精神堤坝

Insisting on improving Party conduct and combating corruption, HBIS has continuously strengthened the implementation of the central Party leadership’s eight-point decision on improving conduct

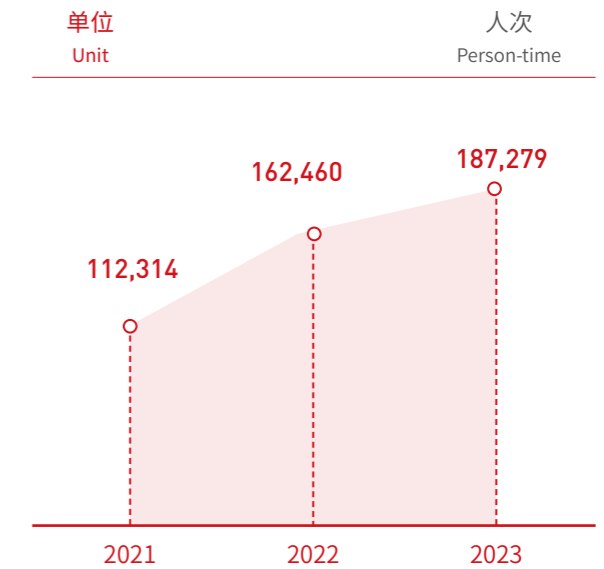
坚持系统施治, 一体推进“三不腐”, 保持反腐高压态势

Insisting on systemic approach to addressing both the symptoms and root causes of corruption, HBIS has taken coordinated steps to see that officials do not have the audacity, opportunity, or desire to become corrupt, and maintained tough stance on corruption



反腐倡廉纪法警示教育及廉洁文化活动次数

Number of activities organized with themes of anti-corruption and integrity upholding, disciplinary warning education, and integrity culture



反腐倡廉纪法警示教育及廉洁文化活动参与人次

Number of participants of the activities organized with themes of anti-corruption and integrity upholding, disciplinary warning education, and integrity culture



廉洁文化示范园地
Integrity Culture Demonstration Area



02 责任
专题
Feature Story I

以氢赋能，绿色发展动力增强

Empowering Green Development with Hydrogen

氢能被视为 21 世纪最具发展潜力的清洁能源。作为钢铁行业绿色转型的先行者，河钢集团深耕氢能与钢铁的融合创新、协同发展，深入开展技术研究和高端产品研发，持续发力氢能交通，打造氢能产业集群，着力建设钢铁工业绿色转型示范区，为我国钢铁行业实现由“碳冶金”向“氢冶金”的颠覆性变革贡献力量。

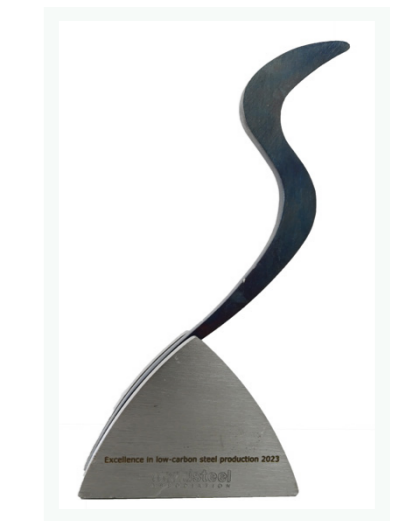
Hydrogen is regarded as the most promising clean energy source of the 21st century. As a pioneer of green transformation in the steel industry, HBIS has been deeply engaged in integrated innovation and coordinated development of hydrogen and steel, conducted technical research and R&D of high-end products in a deep-going way, vigorously promoted hydrogen in transportation, developed industrial clusters of hydrogen, and made special efforts to build green transformation demonstration zones for the steel industry, contributing to the disruptive change of China's steel industry from "carbon metallurgy" to "hydrogen metallurgy."

创新引领，实现关键技术新突破

Achieving New Breakthroughs in Key Technologies with Innovation

河钢集团以氢冶金示范工程为支撑，与国内外知名科研院所深度合作，加快技术的消化吸收和原始创新力度，多项技术取得突破，氢基竖炉、气体压缩机、二氧化碳脱除系统等关键装备实现国产化替代。截至目前，集团形成“氢冶金直接还原关键技术与示范”等 6 项科技成果，成功入选《国际氢能领先技术成果册》，启动编制国家及行业标准 11 项，申请氢冶金相关专利 54 项，牵头制定 5 个降碳产品方法学，持续领跑绿色低碳发展新赛道。

Underpinned by the hydrogen metallurgy demonstration project as the support, HBIS has conducted in-depth cooperation with well-known research institutes both at home and abroad to accelerate the digestion and absorption of technology and original innovation efforts. A number of technological breakthroughs have been made. Key equipment such as hydrogen-based shaft furnaces, gas compressors and carbon dioxide removal systems have achieved localized production. As of present, HBIS had developed 6 scientific and technological results including "Key Technologies and Demonstration of DRI with Hydrogen Metallurgy," and all of those achievements had been successfully included in the *Handbook of International Leading Hydrogen Technological Achievements*; and had initiated the formulation of 11 national and industry standards, applied for 54 patents relating to hydrogen metallurgy, and taken the lead in developing 5 product methodologies for carbon reduction, continuing to secure the leading position in the field of green and low-carbon development.



10月16日，河钢集团“首例基于焦炉煤气零重整工艺的直接还原铁—电弧炉流程”荣获世界钢铁协会低碳生产卓越成就奖

"Unique coke oven gas zero-reforming DRI process combined with EAF" wins the award of the "Excellence in low-carbon steel production" of the World Steel Association on October 16



建设钢铁工业绿色转型示范区

HBIS builds green transformation demonstration zone for steel industry

河钢集团全球首例120万吨焦炉煤气零重整“氢冶金示范工程”（HyMEX™）是氢冶金核心技术创新的重大突破，是中国钢铁史乃至世界钢铁史上由传统“碳冶金”向新型“氢冶金”转变的重要里程碑。2023年11月，河钢集团正式出台实施《河钢集团张宣科技建设钢铁工业绿色转型示范区规划纲要》，提出重点打造氢冶金等五大产业园区，将张宣科技建设成为钢铁工业绿色转型示范区，努力打造绿色样板、创新标杆、高质量发展典范。

The world's first 1.2-million-ton hydrogen metallurgy demonstration project (HyMEX™) adopting the unique coke oven gas zero-reforming direct reduced iron (DRI) process combined with electric arc furnace (EAF) of HBIS is a major breakthrough of the innovation in core and key technology of hydrogen metallurgy, as well as an important milestone in the transformation from traditional "carbon metallurgy" to new "hydrogen metallurgy" in China's steel history and even in the world's steel history. On November 2023, HBIS officially issued and implemented the *Outline of the Plan for Building a Demonstration Zone for Green Transformation of the Steel Industry by HBIS Group Zhangxuan Tech*, proposing to focus on building five major industrial parks including hydrogen metallurgy, to build Zhangxuan Tech into a demonstration zone for green transformation of the steel industry, and to strive to create a green paradigm, an innovation benchmark, and a model for high-quality development.



扫码走进河钢全球首例 120 万吨氢冶金示范工程

Scan the QR code to learn about the world's first 1.2-million-ton hydrogen metallurgy demonstration project of HBIS



绿色转型示范区

A demonstration zone for green transformation

高端产品，增强低碳品牌竞争力

Enhancing Competitiveness of Low-Carbon Brands with High-End Products

河钢集团积极推进应用DRI产品生产各类高端产品，拓展绿色低碳钢铁材料产品矩阵，持续提升绿色低碳品牌竞争优势。2023年5月，河钢集团全球首例120万吨氢冶金示范工程实现绿色DRI产品顺利连续生产，产品金属化率达到94%。2023年9月正式实施《河钢集团低碳排放产品发展规划（2023—2026）》，致力构建形成“6+6+5”的低碳排放钢、绿钢、近零碳排放产品矩阵，打造河钢HINEX Steel®低碳排放产品品牌。

HBIS has actively promoted the application of DRI products to make various high-end products, expanded the matrix of green and low-carbon steel materials/products, and continued to enhance the competitive advantages of the green and low-carbon brands. In May 2023, the world's first 1.2-million-ton hydrogen metallurgy demonstration project launched by HBIS realized smooth and continuous production of green DRI products, with a product metallization ratio reaching 94 percent. On September 2023, HBIS officially implemented the *Development Plan of HBIS for Low-Carbon-Emitting Products (2023—2026)*, striving to build a "6+6+5" product matrix of low-carbon-emitting steel, green steel, and near-zero-carbon-emitting steel and to create the low-carbon-emitting product brand of HINEX Steel®.



氢冶金绿色 DRI 产品
Green DRI product of hydrogen metallurgy



河钢正式启用低碳排放产品品牌标识 HINEX Steel®
HBIS officially launches the brand logo of HINEX Steel® for low-carbon-emitting products

“氢”装领跑，探索绿色物流新路径

Exploring New Paths to Green Logistics with Hydrogen

河钢集团积极打造京津冀氢能运输网络，当前在运营 49 吨氢能重卡 275 辆，总行驶里程超过了 430 万 km，5 座加氢站已投入运营。

HBIS has taken the initiative to develop the hydrogen-powered logistics network in Beijing-Tianjin-Hebei region. At present, the Group operates 275 units of 49-ton hydrogen-powered heavy-duty trucks, with a total mileage exceeding 4.3 million kilometers, and 5 hydrogen refueling stations have been put into operation.



钢铁行业首个固定式加氢示范站
First fixed hydrogen refueling demonstration station in China's steel industry



我国首条市场化运营的氢能重卡运输线
China's first hydrogen-powered heavy truck transportation line operated on a marketized basis

链接资源，构建氢能产业生态圈

Developing an Ecosystem of Hydrogen Industry with Hydrogen Resources

河钢集团积极把握新机遇，链接“氢”资源，打造氢冶金原创技术策源地及氢能应用示范基地，构建氢能产业生态圈，聚焦聚力打造“深度融合，绿色发展”的产业链协同典范。

HBIS has taken the initiative to seize new opportunities, and strived to create a cradle for original technologies and a hydrogen application demonstration base with the focus on hydrogen resources. Efforts have been intensified to develop an ecosystem of hydrogen industry and to build a first-rate coordinated hydrogen industry chain featuring "deep integration and green development."

与中国金属学会共同主办 2023 年氢冶金国际研讨会，彰显氢冶金技术“领跑者”国际影响力

HBIS has co-organized the 2023 International Symposium on Hydrogen Metallurgy with the Chinese Society for Metals, highlighting the Group's global inference as a leader of hydrogen metallurgy technologies

发挥氢冶金标准联合工作组组长单位作用，全面启动氢冶金安全规程和标准化评审标准编制工作

As the head unit of the Joint Working Group on Hydrogen Metallurgy Standards, HBIS has comprehensively launched the preparation of hydrogen metallurgy safety protocols and standardized review criteria

与东北大学合作共建河北省氢冶金低碳技术重点实验室，打造氢冶金原创技术策源地及氢能应用示范基地

HBIS has cooperated with Northeastern University to build the key laboratory of low-carbon technologies for hydrogen metallurgy in Hebei Province, and strived to create a cradle for original technologies and a hydrogen application demonstration base



2023 年氢冶金国际研讨会
2023 International Symposium on Hydrogen Metallurgy

03 责任专题 Feature Story III

管理变革，价值创造不断深入

Boosting Value Creation with Management Reform

河钢集团抢抓新一轮国企改革深化提升行动新机遇，积极应对钢铁行业由增量发展向存量优化的新转变，大力推进同类业务归集和结构性重组，加快培育新兴产业，形成创效链和价值链，打造河钢高质量发展新亮点。

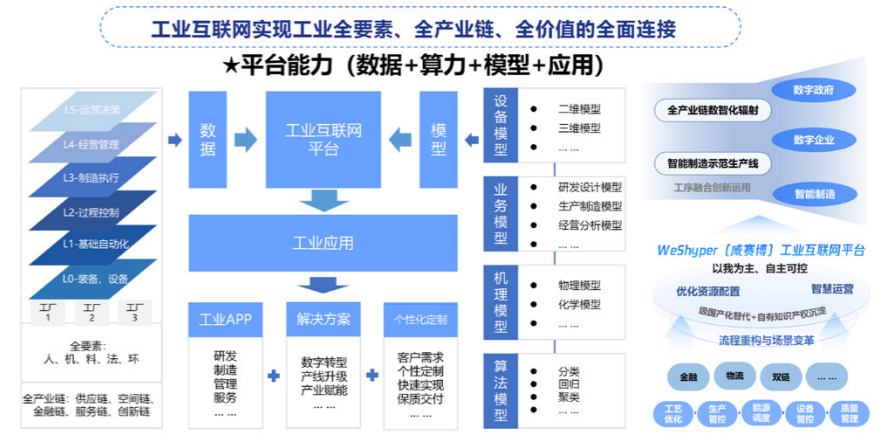
Seizing the opportunity of the new round initiatives to deepen and upgrade SOE reform, HBIS has taken the initiative to respond to the new change of the steel industry from incremental development to optimization of existing capacity, vigorously promoted the aggregation and structural reorganization of similar businesses, and accelerated the cultivation of emerging industries. Efforts have been made to create efficiency chain and value chain, as well as new highlights of high-quality development of HBIS.

国企改革持续深化

Continuously Deepening SOE Reform

国企改革深化提升行动全面开展。形成集团国企改革深化提升行动方案和任务清单，协同推进功能使命类、体制机制类改革任务，企业核心竞争力和核心功能不断增强；制定集团对标一流企业价值创造行动工作方案，确定“11N46”行动思路，加快形成河钢价值创造体系。河钢价值创造工作方案获省国资委 A 级评价，三家改革专项试点单位获得优秀评价，转型升级和高质量发展不断取得新进展。

The initiatives for deepening and upgrading the reform of SOEs have been carried out in an all-around way, and the Group's action plan and task list for deepening and upgrading the reform of SOEs have been initially formed, HBIS has coordinated its efforts to advance the reform and tasks relating to corporate functions and missions, as well as systems and mechanisms, continuously enhancing the core competitiveness and core functions of the Group. HBIS has formulated the action plan for value creation benchmarking the first-class enterprises and determined the "11N46" action idea accelerating the establishment of the Group's value creation system. The Group's value creation work plan received an A-level evaluation from the State-owned Assets Supervision and Administration Commission of the People's Government of Hebei Province, and 3 pilot units for special reform received excellent evaluation. New progress has been made in transformation, upgrading and high-quality development.



2023 年，河钢数字成功入选创建世界一流专业领军示范企业，自主开发的 WeShyper（威赛博）工业互联网平台跻身“国家队”，成功入选工信部新增跨行业跨领域工业互联网平台。

In 2023, HBIS Digital Tech was successfully selected as a demonstration unit for creating world's leading enterprises in specialized fields. The WeShyper Industrial Internet Platform independently developed by HBIS Digital Tech joined the "National Team" and was successfully selected as a new cross-industry and cross-field industrial Internet platform of 2023 by the Ministry of Industry and Information Technology.

钢铁

勇攀高质量发展高峰

Steel | Pursuing High-Quality Development

高质量发展是当前我国经济社会发展的主题，是中国式现代化的本质要求。河钢集团致力于建设最具竞争力的钢铁企业，让科技创新从“关键变量”转化为高质量发展“最大增量”；以匠心打造高端品质，用卓越的产品和服务做强做优河钢品牌；与伙伴同心同力，形成共促高质量发展的强大合力。

High-quality development is a theme of China's social and economic development. It is also one of the intrinsic requirements of Chinese modernization. HBIS has been committed to building the most competitive steel enterprise, and worked to turn innovation in science and technology into a powerful engine for high-quality development, rather than an area of uncertainty. Insisting on the craftsmanship spirit, HBIS has been dedicated to developing high-quality products and promoted its brands in becoming stronger, and doing better with outstanding products and services. HBIS has worked together with partners to form a strong synergy to promote high-quality development.

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Innovation in Science and Technology

28 | 高端品质
High-End Quality

31 | 智能制造
Intelligent Manufacturing

36 | 携手伙伴
Cooperation with Partners



可持续发展目标

9 产业、创新和基础设施	12 负责任消费和生产	17 促进目标实现的伙伴关系
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	17 PARTNERSHIPS FOR THE GOALS

科技创新 Innovation in Science and Technology

河钢集团深入实施创新驱动发展战略，扎实推进“三年上、五年强”专项行动，取得一批先进的科技成果。2023年，集团研发投入101.55亿元。

HBIS has implemented the innovation-driven development strategy in deep-going way, solidly promoted the special action of “Three Years to Achieve Improvement, Five Years to Become Stronger,” and achieved a batch of advanced scientific and technological results. In 2023, HBIS invested RMB10.155 billion in R&D.



完善体制机制 Improving Systems and Mechanisms

积极构建集团“3+1”大研发体系，组建河钢研发中心，建立集团级研发平台、子公司技术中心、厂部研发单元三位一体、协作联动的创新体系；全面实施科研课题“项目制”和“揭榜挂帅”机制，切实打造原创技术策源地和应用技术创新高地。

HBIS has actively constructed the “3+1” R&D system of the Group, and established the HBIS R&D Center and a collaborative three-in-one innovation system consisting of R&D platform at Group level, technology centers of subsidiaries, and factory-level R&D units. The Group has also fully implemented the “project responsibility system” for scientific research tasks and the “open competition mechanism to select the best candidates,” effectively creating a cradle for original technologies and a hub for independent innovation.

建设研发平台 Building R&D Platforms

河钢集团重视协同创新智力资源，累计与国内外著名高校、科研院所和一流企业联合共建了39个全球技术研发平台，全面激发全球研发创新平台协同创新活力。

HBIS attaches great importance to collaborating and innovating new intellectual resources. The Group has jointly established a total of 39 global technological R&D platforms with well-known universities, research institutes, and first-class enterprises both at home and abroad, comprehensively stimulating the collaborative innovation vitality of global R&D innovation platforms.

与塞尔维亚贝尔格莱德大学共建
“钢铁绿色制造联合实验室”
“Joint Laboratory for Green Steel Manufacturing” jointly established with University of Belgrade in Serbia

与复旦大学共建“智慧钢铁技术校企联合研究中心”
“Joint School Enterprise Research Center for Smart Steel Technology” jointly established with Fudan University

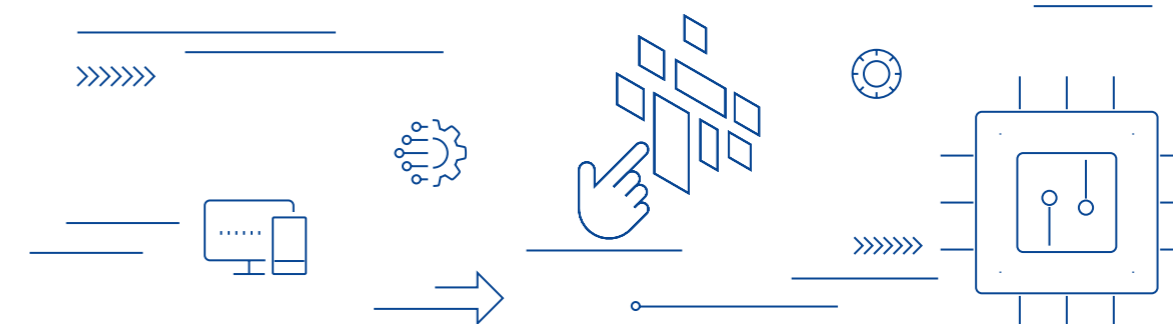
与西安交通大学成立“河钢集团—西安交大研究院”
“HBIS-XJTU Research Institute” established with Xi’an Jiaotong University



与有研稀土签署有研稀土—河钢集团合作框架协议
Grirem-HBIS Cooperation Framework Agreement signed with Grirem

与雄安新区管委会、北科大共建“雄安未来材料产业创新研究院”
“Xiongan Future Materials Industry Innovation Research Institute” jointly established with Administrative Committee of Xiongan New Area and University of Science and Technology

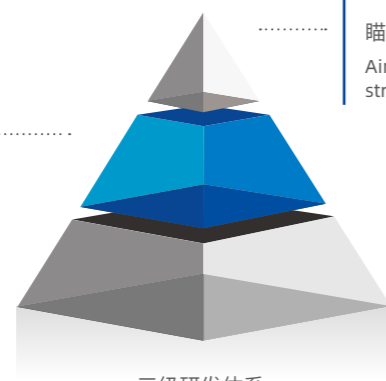
与中科院共建“绿色低碳转型联合实验室”“战略金属资源绿色循环利用国家工程研究中心—河钢联合研究中心”
“Joint Laboratory for Green and Low-Carbon Transition” “National Engineering Research Center for Green Recycling of Strategic Metal Resources-HBIS Joint Research Center” jointly established with Chinese Academy of Sciences



3 集团三级研发力量，承担自主创新任务。

The three-level R&D force of the Group undertakes independent innovation tasks.

子公司技术中心
Technology centers of subsidiaries
专注技术迭代升级、效能发挥和保障能力建设
Focus on technology iterative upgrade, efficacy exploitation and support capacity building



集团级研发平台
Group-level R&D platform
瞄准世界前沿、国家战略和重点领域市场需求
Aim at the world's cutting-edge, national strategies and market needs in key areas

厂部研发单元
Factory-level R&D unit
解决产线降本增效、质量管控、模型化标准化
Achieve maximum production line cost efficiency, effective quality control and modeling standardization

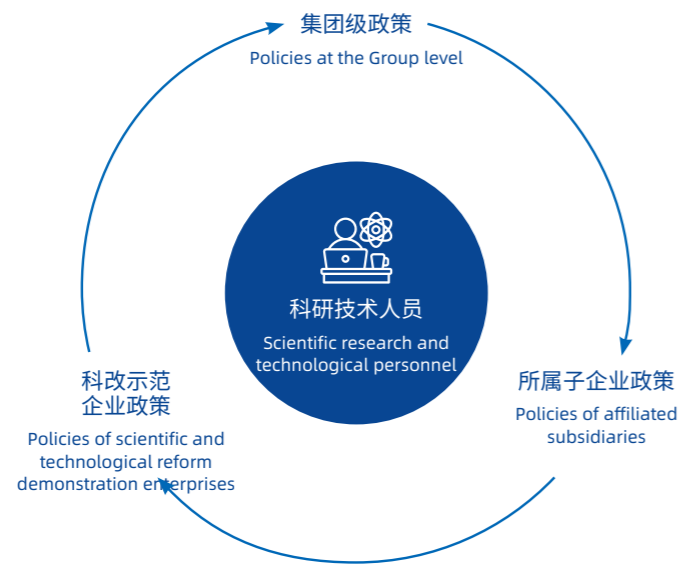
1 集团全球研发创新平台，承担协同创新任务。

The Group's global R&D and innovation platform undertakes collaborative innovation tasks.

● 科技人才培养 Cultivating Sci-Tech Personnel

河钢集团持续开展创新人才引进，全面建设科技领军人才队伍，为科技创新提供人才保障；按照正向激励的原则形成科技人员“三位一体”薪酬激励体系，进一步激发创新创造活力。

HBIS continues to introduce and cultivate innovative personnel, and comprehensively builds a leading scientific and technological talent team, providing talent guarantee for scientific and technological innovation. In accordance with the positive incentive principle, HBIS has established a unified incentive pay mechanism for scientific and technological personnel to further stimulate the vitality of innovation and creativity.



“三位一体”薪酬激励体系模型
“Three-in-one” salary incentive system model



● 创新成果显著 Achieving Remarkable Innovation Results

2023年，河钢集团获得省部级科技奖励22项；受理专利1,039件，其中发明专利555件，国际专利1件；主持、参与制定国家标准2项、团体标准5项；唐钢公司、邯钢公司、河钢新材、河钢数字等子公司被评为国家知识产权优势企业。

In 2023, HBIS won 22 science and technology awards at provincial/ministerial level. Among the patent applications, 1,039 patents were accepted, including 555 patents for invention and one international patent. The Group took the lead in formulating or participated in the formulation of two national standards and five group standards; Tangsteel Company, Hansteel Company, HBIS New Materials, HBIS Digital Tech and other subsidiaries were recognized as “National Intellectual Property Rights Advantageous Enterprise.”

创新成果展示 Innovation Achievements

- 实施了双竖井废钢预热型电弧炉低成本冶炼、电炉长寿炉龄、板坯中包塞棒快换等8项前沿引领技术，进一步增强集团技术引领实力；

HBIS implemented eight cutting-edge leading technologies, including low-cost smelting of twin-shaft scrap steel preheating electric arc furnace, electric furnace with long furnace life, and quick replacement of stopper rods in slabs, etc., further strengthening the Group's leading role in technologies;

- 在唐钢公司实施国内首个基于界面技术理论的全流程智能化提升项目，多项指标取得突破性提升；

HBIS implemented China's first full-process intelligent improvement project based on interface technology theory in Tangsteel Company, achieving ground-breaking improvement in many indicators;

- 自主研发的转炉自动出钢技术，实现了从全自动吹炼到全自动出钢的贯通，自动出钢比例达到96.3%，控制功能与精度达到世界领先水平；

The independently-developed converter automatic tapping technology realized the transition from fully-automatic blowing to fully-automatic tapping. The automatic tapping ratio reached 96.3 percent while the control function and the precision have reached the world's leading level;

- 国内首次研发的转炉底吹氧底喷粉炼钢成套工艺，转炉吹炼碳氧积达到0.0013，单套炉底寿命超1,500炉，达到世界领先水平。

HBIS completed the packaged technology of converter bottom oxygen blowing and bottom powder spraying for steelmaking developed for the first time in China. The converter blowing carbon-oxygen product has reached 0.0013 while the life of a single set of converter bottom can exceed 1,500 furnaces, reaching the world's leading level.



高端品质 High-End Quality

● 打造卓越品牌 Pursuing Brand Excellence

河钢集团始终坚持以客户为中心，聚焦“四个更加关注”，持续推进“两个结构”优化，打造大量“国内首发”“替代进口”产品，以“第一”和“唯一”标记产品新高度，不断填补行业空白、国内空白，持续提升品牌影响力。

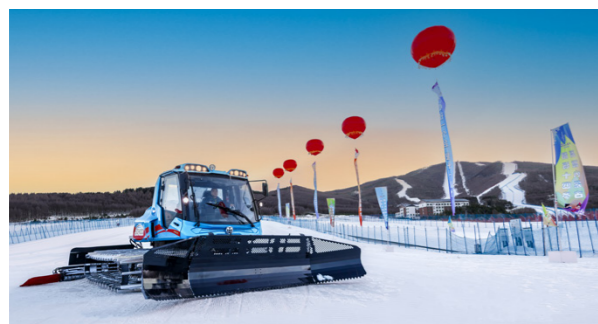
HBIS has always insisted on customer-centric principle, focused on the "Four Enhanced Concerns," continued to promote the optimization of "Two Structures," created a large number of products "firstly launched in China" or "substitutable for imported ones," and marked the products to new heights by "the first" and "the only" features, continuing to fill in the industry gaps and domestic gaps and enhance brand influence.

● 服务国家战略

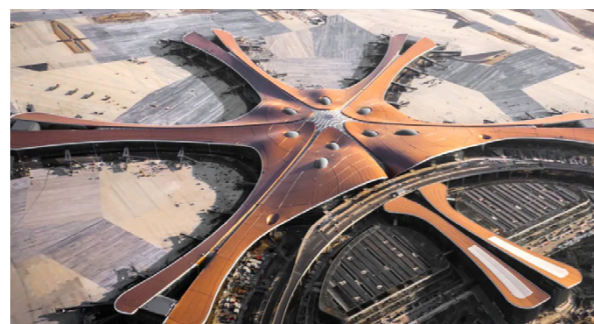
Serving National Strategies

河钢集团深度融入区域协调发展战略，在服务京津冀协同发展、雄安新区建设等重大国家战略中发挥作用，在雄安新区等重大国家战略中扛起责任使命。2023年，河钢集团一大批高端特色产品应用于杭州亚运会、“一带一路”共建、国家光伏项目、京雄高铁等重大项目建设。

HBIS has deeply integrated itself into the coordinated regional development strategy, and played a role in serving major national strategies, including the coordinated development of Beijing-Tianjin-Hebei region, and the construction of Xiongan New Area. The Group has resolutely shouldered the responsibilities and missions in implementing the national strategy of Xiongan New Area and others. In 2023, a large number of high-end featured products created by HBIS were used in the construction of major projects, including the 19th Asian Games Hangzhou, joint development of the Belt and Road, national photovoltaic (PV) projects, and the Beijing-Xiongan-Shangqiu high-speed railway.



大河装备 SG400 压雪机成功入选成为国家“十四冬”备战装备
SG400 snow caterpillar from Dahe Equipment selected as the preparation equipment for the 14th National Winter Games



河钢集团彩涂板应用于大兴机场
Color-coated sheets from HBIS used in Beijing Daxing International Airport



邯钢公司百米高速重轨助建国家高速铁路网
100m high-speed heavy rails from Hansteel Company facilitates the construction of national high-speed railway network

● 推出优质产品

Launching High-Quality Products

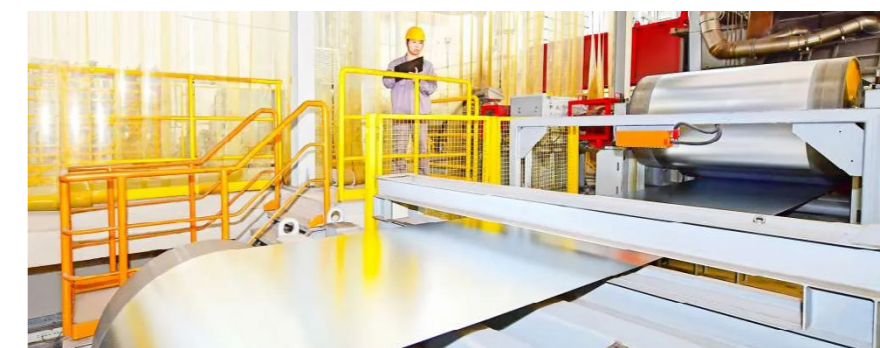


河钢集团致力于为各行各业提供最佳材料解决方案，瞄准下游用钢行业高端需求，加快核心技术突破，新产品研发成效显著，高端产品竞争力进一步提升，实现与高端客户的无缝衔接。

HBIS is committed to providing the best material solutions for various industries. The Group aims at the high-end needs from the downstream steel industry, and has accelerated the breakthroughs of core technologies and achieved remarkable results in R&D of new products, further improving high-end product competitiveness and realizing seamless connection with high-end customers.

2023年，河钢集团根据市场和客户需求研发新产品186个，其中，镀锌热成型钢、热成型车轮钢HF1500HS、带钢清洁度检测系统等18个产品填补国内空白，高温气冷堆用超大厚度20MnNiMo、电机壳用铝锌镁、热水循环泵等21个产品替代进口。

HBIS developed 186 new products according to market demands and customer needs in 2023, among which 18 products such as galvanized thermal-forming steel, HF1500HS thermal-forming wheel steel and strip steel cleanliness detection system have filled in domestic gaps while 21 products such as ultra-thick 20MnNiMo for high temperature gas cooled reactor, aluminum-zinc-magnesium alloy coating for motor casing, and hot water recirculating pump have replaced imported goods.



唐钢 1200MPa 镀锌双相钢助力汽车更轻更安全
1200 MPa galvanized dual-phase steel from Tangsteel provides lighter weight and higher safety for automobile



河钢集团自主设计创意的高颜值彩板引领家电外观潮流
Creative and good-looking color-coated sheets from HBIS leads the appearance trend of home appliances

● 提供优质服务 Providing High-Quality Services

河钢集团聚焦客户需求，主动在客户服务提升上下功夫，不断完善和提高售前、售中、售后全流程客户服务内容及质量，积极应对客户投诉，致力为客户提供最优质的产品和服务，提升客户服务体验，保障客户信息安全，不断增加客户“粘性”。2023年，河钢集团客户满意度为95.00%，投诉及时办结率为100%。

HBIS focuses on customer demands, actively works on customer service improvement, continuously improves contents and quality of customer service throughout the pre-sales, sales and after-sales processes, takes the initiative to respond to customer complaints, and is dedicated to providing products and services of the highest quality for customers, in order to improve customer service experience, guarantee customer information safety, and continuously increase customer "viscosity." In 2023, the customer satisfaction rate of the Group reached 95 percent and the timely settlement rate of complaints reached 100 percent.



专心致“质”，当好质量守护者

Dedicated to maintaining "high quality," being a quality protector

智能制造 Intelligent Manufacturing

● 建设智慧企业 Building Intelligent Enterprises

河钢集团着力推动智慧企业建设，不断夯实数字化平台建设基石，推动业务流程再造，建立贯通生产、管理、服务、供应链等企业生产管理各层级的数据链路，全面激活数据要素潜能，为集团业务战略提供良好支撑，驱动业务持续创新，促进集团高质量发展。

HBIS has strived to promote the construction of intelligent enterprises, continuously consolidated the cornerstone of digital platform construction, and promoted business process reengineering. HBIS has established data links that span production, management, service, supply chain and other levels of enterprise production and management, and fully activated the potential of data elements, so as to well support the Group's business strategy, to drive continuous business innovation, and to boost high-quality development.



智慧营销管控系统
Intelligent Marketing
Control System

完善一、二级销售业务系统，全面覆盖内外贸销售业务，统一管理营销决策、资源投放、产线优化、价格政策、市场开发，实现营销数据可监管、可追溯。

Improve the primary and secondary sales business systems, fully cover domestic and foreign trade sales business, and implement unified management of marketing decisions, resource allocation, production line optimization, pricing policies and market development to make marketing data monitorable and traceable.



设备全生命周期
管理系统
Full Life Cycle
Management System
for Equipment

以统一 BOM 规则为基础，全面打造设备运、检、维一体化信息管控体系，实现设备管理与采购管理、财务管理等多系统贯通与高效协作，对产线设备精准管控。

Comprehensively build an integrated information management and control system of equipment operation, troubleshooting and maintenance based on the unified BOM rules to realize integration and efficient collaboration of multiple systems such as equipment management, procurement management, and financial management, conducting precise management and control of production line equipment.





新一代设备全生命周期管理系统投入使用
The new generation of full life cycle management system for equipment comes into service

● 打造智能工厂 Building Intelligent Factories

示范工厂建设

Building Demonstration Factories

河钢集团持续深入开展智能制造示范建设，推进智能装备、机器视觉、人工智能等新兴技术在制造流程典型场景融合应用，构建了一批具有泛在感知、敏捷响应、智能决策等核心能力的全流程智能化工厂。截至2023年，河钢集团共有5个智能工厂、6个优秀场景入选国家智能制造示范工厂与示范场景，石钢公司成功入选工信部首批“数字领航企业”名单，持续保持行业领先。

HBIS has continued to thoroughly carry out the demonstration construction of intelligent manufacturing, promoted the integration and application of intelligent equipment, machine vision, artificial intelligence and other emerging technologies in typical scenarios of the manufacturing process, and constructed a batch of full-process intelligent factories with extensive perception, agile response, intelligent decision-making and other core capabilities. As of 2023, HBIS had five intelligent factories and six outstanding scenarios selected as national intelligent manufacturing demonstration factories and demonstration scenarios, and Shisteel Company was successfully selected into the first batch of "Digital Champion Enterprises" list by the Ministry of Industry and Information Technology, continuing to keep the leading role in the industry.



有 **5** 个智能工厂、**6** 个优秀场景入选国家智能制造示范工厂与示范场景

had five intelligent factories and six outstanding scenarios selected as national intelligent manufacturing demonstration factories and demonstration scenarios



全球首个全流程数字化无人料场
The world's first full-process digital unmanned material yard



智能制造示范工厂——唐钢公司
Tangsteel Company, an intelligent manufacturing demonstration factory



智能制造示范工厂——邯钢新区

Intelligent Manufacturing Demonstration Factory - Hansteel New Plant

邯钢新区深入推进以5G为代表的新一代信息技术与钢铁产业深度“融合”，依托互联网+、云计算、大数据智能化等先进技术，建设了“铁前智慧中心”和“数字指挥中心”，建设数字化智能产线，打造智能制造钢厂，不断推动高端产品提档升级。2023年，邯钢新区入选国家工信部智能制造示范工厂。

Hansteel New Plant has deeply promoted the in-depth “integration” of the new-generation IT represented by 5G and the steel industry. Relying on the “Internet Plus,” cloud computing, big data intelligence and other advanced technologies, it has built “Pre-Iron Intelligence Center” and “Digital Command Center,” constructed digitized intelligent production lines, and established intelligent manufacturing steel factories to continuously promote the upgrading of high-end products. Hansteel New Plant was selected as demonstration factory of intelligent manufacturing by the Ministry of Industry and Information Technology in 2023.



邯钢新区建立智能中心

Intelligence Center built by Hansteel New Plant

关键技术研发

Advancing R&D of Key Technologies

河钢集团积极联合、用好集团内外科研技术力量，以国家专项课题实施引领钢铁行业智能制造领域关键技术研发，并在制造流程各个典型场景得到应用与推广，为冶金行业智能制造提供全流程、全业务、全场景的解决方案。

HBIS has actively cooperated with and made good use of scientific research strength inside and outside the Group, led the research and development of key technologies for the intelligent manufacturing of the steel industry through the implementation of national special projects, and applied and promoted the technologies in each typical scenario of the manufacturing process, providing full-process, full-service and full-scenario solution for the intelligent manufacturing of the metallurgical industry.

基于机器视觉镀锌线锌锅智能捞渣机器人系统
Intelligent slag-removing robot system for galvanized wire zinc pot based on machine vision

入选2023年钢铁行业智能制造解决方案推荐目录
Selected into the 2023 Intelligent Manufacturing Solutions of the Steel Industry



邯钢新区场景图

Scene graph of Hansteel New Plant

携手伙伴 Cooperation with Partners

● 广结战略伙伴 Establishing Strategic Partnership

河钢集团坚持与强者为伍，不断深化战略交流，广泛开展产学研合作，深度融入国内国际双循环，持续创造更多共赢发展机遇，携手行业伙伴共同迈向“高端化、智能化、绿色化”。

HBIS insists on partnering with the powerful, continuously deepens strategic exchanges and communication, extensively carries out industry-university-research cooperation, deeply integrates itself into the new development paradigm with domestic circulation as the mainstay and domestic and international circulations reinforcing each other, and continues to create more win-win opportunities, joining hands with industry partners to achieve high-end, intelligent and green development.

● 助力世界钢铁

Facilitating
Development of World
Steel Industry

河钢集团作为国际产能合作的先锋力量，以实际行动在世界钢铁行业平台上发光，为实现世界钢铁行业可持续发展贡献河钢力量。

As a pioneer in international industrial-capacity cooperation, HBIS takes practical actions to devote its contributions on the global steel industry platform, contributing HBIS strength to the sustainable development of the world's steel industry.



河钢集团蝉联世界钢铁行业“可持续发展优胜者企业”称号
HBIS is awarded the title of Sustainability Champion by the World Steel Association for consecutive years

● 加强战略合作

Strengthening Strategic
Cooperation

河钢集团深度推动与合作伙伴之间的互利共赢，与美的、海尔、西门子、必和必拓等行业领军企业签署战略合作协议，搭建高质量共享合作平台，实现资源优化配置，开拓共赢新局面。

HBIS promotes mutual benefit and win-win results with partners in a deep-going way, and has signed strategic cooperation agreements with Midea, Haier, Siemens, BHP and other industry-leading enterprises to establish high-quality shared cooperation platform to realize optimized resource allocation and open up a new win-win situation.



河钢浦项汽车板合资项目顺利竣工
Successful completion of the construction of HBIS-POSCO auto sheet joint venture project



西安交通大学“攀登计划”研学实践走进河钢
A "Pandeng Program" team of Xi'an Jiaotong University conducts a research and investigation tour to HBIS



河钢集团荣获海尔“战略合作伙伴奖”
HBIS wins the Strategic Partner Award of Haier

● 绿色供应链 Green Supply Chain

河钢集团坚持公平交易、诚信经营，以“建设最具价值、最有竞争力的采购供应链”为目标，全面落实“阳光采购、精益采购、联动采购、绿色采购”理念，制定并严格落实《供应商管理办法》《供应商准入标准》等管理办法，对供应商进行全生命周期管理，并积极组织供应商社会责任培训，切实提升供应链管理水平。2023年，河钢集团累计开展供应商社会责任培训13次。

HBIS insists on fair trade and conduct business in good faith. Taking the "Building the most valuable and competitive procurement supply chain" as its goal, HBIS has fully implemented the concept of "transparent procurement, lean procurement, linked procurement, and green procurement," formulated and strictly carried out the Measures for the Management of Suppliers, Supplier Access Standards and other rules and regulations to conduct full life cycle management on suppliers and actively organize social responsibility training programs for suppliers, effectively enhancing the supply chain management. In 2023, HBIS accumulatively conducted social responsibility training programs for suppliers for 13 times.



供应商准入标准

Access standards for suppliers

优先选择通过 ISO 14001 环境管理体系认证的企业准入，对企业性质、规模、设备等十余项内容进行评分，确定供应商准入与否；对主要物料供应商生产设备提出明确要求，被列入工信部《部分工业行业淘汰落后生产工艺装备和产品指导目录》的生产工艺和设备排除于标准之外。

Give priority to enterprises that have passed the ISO 14001 environmental management system certification, and score more than ten items, such as the nature of the enterprise, scale, and equipment, to determine the qualification of the supplier access; put forward clear requirements for the production equipment of the main material suppliers, and the production processes and equipment included in the "Guidance Catalog for Eliminating Outdated Production Processes, Equipment and Products in Selected Industrial Industries" of the Ministry of Industry and Information Technology are excluded from the standards.



供应商能力认证

Capability certification for suppliers

严格供应商准入认证，成立集中采购和分散采购供应商认证评价小组，对新增供应商企业文化、资源保障、质量保证等方面进行现场认证，确定供应商准入与否。

Strictly certify supplier access and set up a centralized and decentralized procurement supplier certification and evaluation team to conduct on-site certification for new suppliers from the aspects of, among others, corporate culture, resource guarantee and quality assurance to determine the qualifications of suppliers.



供应商日常评价

Daily appraisal for suppliers

通过供应商日常行为评价，对供应商进行分类管理，并结合 A 类供应商、B 类供应商业务倾斜，D 类供应商淘汰和再准入限制及二方审核机制，促进供应商工艺、产品、管理全面提升。

Carry out classified management of suppliers according to the appraisal on their daily conduct, have business skewed towards Category A and Category B suppliers, eliminate Category D suppliers and carry out re-access restriction with second-party review mechanism to comprehensively improve suppliers' technologies, products, and management.

各类产品采购平台

Platforms of Product Procurement

钢铁工业品超市 Tie Tie Mall	集采购交易、在线结算、金融增值服务为一体，专注于钢铁行业工业品采购的综合性服务平台 A comprehensive service platform integrating procurement trade, online settlement and value-added financial services, focusing on the procurement of industrial products in the steel industry
现货交易平台 Spot trading platform	面向整个钢铁产业链，提供在线交易、在线物流、在线金融、数据信息等服务的大宗商品电子商务平台 A bulk commodity e-commerce platform for the entire steel industry chain, providing online trading, online logistics, online finance, data and information, and other services
废钢交易综合平台 Integrated scrap steel trade platform	集废钢交易、现金牌价、物流、智能质检等功能于一体的综合服务平台 A comprehensive service platform integrating scrap steel trade, cash quotation, logistics, intelligent quality testing, etc.
河钢售电平台 HBIS electricity sales platform	平台掌握优质的电力资源，其所属公司河钢售电，具备在京、津、冀、豫等省市开展电力交易的资质 The platform has high-quality electricity resources, and is subordinated to HBIS Electricity Sales which is qualified to carry out electricity transactions in Beijing, Tianjin, Hebei, Henan, and so on

实现废钢采购全流程线上统一管理

Unified online management of full-process scrap steel procurement realized

河钢集团运用大数据手段，自主打造集废钢交易、现金牌价、物流、智能质检等功能于一体的废钢交易综合服务平台，依托“基地+平台+金融”的模式整合废钢交易各参与方，实现废钢定级标准化、交易可视化、结算自动化。

HBIS has taken big data as the means to independently develop a comprehensive scrap steel transaction service platform integrating scrap steel transaction, cash quotation, logistics, intelligent quality inspection and other functions, and has realized grading standardization, transaction visualization, and settlement automation of scrap steel through integrating various parties involved in scrap steel trading by relying on the model of "base + platform + finance."



废钢交易综合服务平台
Integrated scrap steel trade platform

环境

强化绿色发展优势

Environment | Building on Strength of Green Development

良好的生态环境是最普惠的民生福祉，习近平总书记在党的二十大报告中明确指出，必须牢固树立和践行绿水青山就是金山银山的理念，站在人与自然和谐共生的高度谋划发展。河钢集团将“人、钢铁、环境和谐共生”融入核心价值理念，以“为人类文明制造绿色钢铁”为己任，以践行“双碳”战略为引领，为钢铁行业加快实现“双碳”目标贡献更多更好的“河钢方案”；将节能、减排、降碳贯穿生产各个环节，培育壮大厚植低碳、厚植未来的核心竞争力；全面实践绿色运营，以实际行动创造更可持续发展的美好未来。

A sound eco-environment benefits all. General Secretary Xi Jinping pointed out in the report to the 20th CPC National Congress that we must uphold and act on the principle that lucid waters and lush mountains are invaluable assets, and we must remember to maintain harmony between humanity and nature when planning our development. HBIS has integrated the "harmonious coexistence of people, steel, and the environment" into the core values. Committed to green steel production, HBIS has taken the implementation of the strategy of carbon peaking and carbon neutrality as the guidance, contributing more and better "HBIS approaches" for the steel industry to accelerate the realization of the goals of carbon peaking and carbon neutrality. Through integrating energy conservation, emission cut and carbon reduction into various links of production, HBIS has intensified its efforts to enhance the low-carbon, future-oriented core competitiveness. HBIS has comprehensively implemented green operations, striving to create a better and more sustainable future with practical actions.

42 | 践行低碳
Adopting Low-Carbon Practices

46 | 绿色生产
Conducting Green Production

50 | 绿色运营
Implementing Green Operation



可持续发展目标

6 清洁饮水和卫生设施	7 经济适用的清洁能源	12 负责任消费和生产	13 气候行动	15 陆地生物
6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	15 LIFE ON LAND

践行低碳 Adopting Low-Carbon Practices

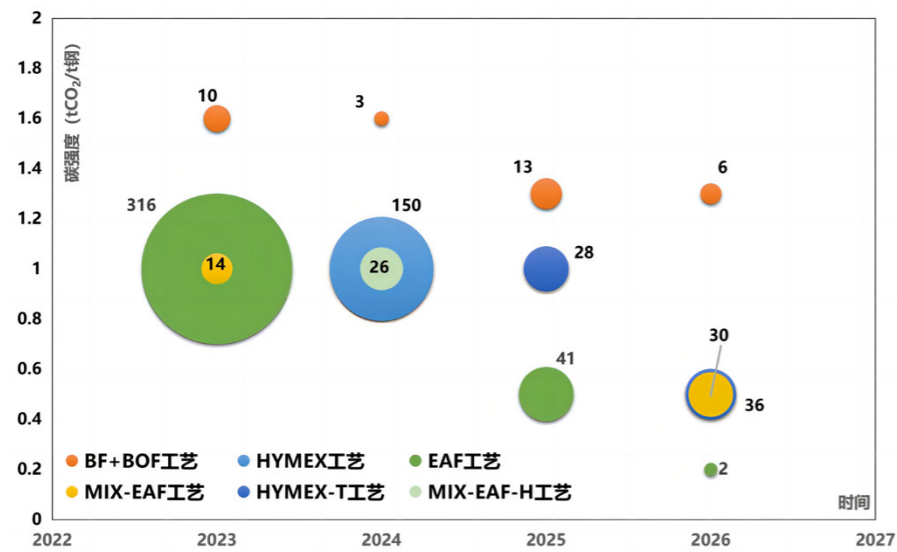
● 强化顶层设计 Strengthening Top-Down Design

河钢集团持续践行“双碳”目标，积极响应欧盟碳边境调节机制（CBAM），应对气候变化，率先探索钢铁企业绿色转型顶层设计，发布《低碳排放产品发展规划（2023—2026）》，构建形成“6+6+5”的低碳排放钢、绿钢、近零碳排放产品矩阵。按照“一企一策”原则，制定14家子公司层级的低碳发展实施方案，推进“6+2”低碳技术路线图逐步实施。2023年，集团累计推动7家单位获评中钢协“双碳最佳实践能效标杆示范厂培育企业”；承德钒钛、石钢公司、唐钢新区、邯钢邯宝4家单位入选河北省生态环境厅发布碳管理体系建设试点示范单位（第一批）企业名单。

HBIS has continuously facilitated the realization of the goals of carbon peaking and carbon neutrality, actively responded to the EU Carbon Border Adjustment Mechanism (CBAM), tackled climate change, and taken the lead in exploring the top-down design for the green transformation of steel enterprises. The Group has issued the *Development Plan for Low-Carbon-Emitting Products (2023-2026)* to build a “6+6+5” product matrix of low-carbon-emitting steel, green steel, and near-zero-carbon-emitting steel. According to the principle of “One Enterprise, One Policy,” HBIS has formulated low-carbon development implementation plans for 14 subsidiaries and promoted the gradual implementation of the “6+2” low-carbon technology roadmap. In 2023, the Group supported a total of seven units to be awarded with “Cultivation Enterprises of Energy Efficiency Benchmark Demonstration Plants for the Best Practice of Carbon Peaking and Carbon Neutrality” by China Iron and Steel Association. The four units, Chengde Vanadium Titanium, Shisteel Company, Hansteel New Plant, and Hansteel Hanbao Company, were selected into the (first batch) enterprise list as pilot demonstration units for the construction of carbon management system announced by the Department of Ecology and Environment of Hebei Province.

《低碳排放产品发展规划（2023—2026）》：从2023到2026年，集团将分别具备425万吨、550万吨、610万吨、741万吨低碳排放产品生产能力，与2021年同口径相比，2026年平均碳排放强度可降低52%，有力支撑河钢整体碳减排目标的实现。

Development Plan for Low-Carbon-Emitting Products (2023-2026): From 2023 to 2026, the Group will respectively have the production capacity of 4.25 million tons, 5.5 million tons, 6.1 million tons and 7.41 million tons of low-carbon-emitting products. Compared with the same caliber in 2021, the average carbon emission intensity in 2026 can be reduced by 52 percent, thus providing strong support for the realization of the Group’s overall carbon emission reduction goal.



河钢低碳排放产品年度推进实施路线图
Annual implementation roadmap for low-carbon-emitting products of HBIS

● 数字赋能降碳 Reducing Carbon Emissions with Digital Empowerment

河钢集团在集团层面建立了统一的碳排放管理体系及数字化平台，推动碳排放管理体系从钢铁子公司延伸至独立焦化企业，实现了集团创A企业全覆盖。2023年6月，该平台获得南德集团的符合性认证，成为国内钢铁行业首家获得国际权威认证的平台。2024年4月，集团发布WisCarbon碳中和数字化平台2.0版本，并强力推出10款新产品，构建“5+8+4”碳中和数字化系统解决方案。

HBIS has established a unified carbon emission management system with a digitized platform at the Group level to promote the extension of carbon emission management system from steel subsidiaries to independent coke making enterprises, achieving full coverage of the Group’s A-level enterprises. The platform received the conformity certification from TÜV SÜD in June 2023, becoming the first platform in domestic steel industry to obtain international authoritative certification. In April 2024, HBIS released the WisCarbon Digital Platform for Carbon Neutrality (Version 2.0), and grandly launched ten new products, committing to developing the “5+8+4” digital system solution for carbon neutrality.



最新发布 WisCarbon 碳中和数字化平台 2.0 版本
Newly released WisCarbon Digital Platform for Carbon Neutrality (Version 2.0)



WisCarbon 碳中和数字化平台获得 TÜV 南德颁发的温室气体管理软件产品符合性认证
WisCarbon Digital Platform for Carbon Neutrality obtains the conformity certification of TÜV SÜD for greenhouse gas management software product

● 布局低碳产业链 Developing Low-Carbon Industry Chain

河钢集团建立了“上游低碳原料-中游低碳工艺产品-下游低碳应用”低碳产业链的系统布局。上游推动与BHP低碳原料使用、中石化绿色氢能产业链的战略合作，促进源头减碳；中游携手浦项控股推动河钢浦项汽车板合资项目竣工投产，打造“高端化、智能化、绿色化”世界级汽车板高地；下游推动与宝马、长城共建绿色低碳钢铁材料供应链，开启了与宝马、奔驰、奇瑞、沃尔沃等汽车行业联动减碳跨领域合作示范。2023年，集团累计完成10款典型产品碳足迹认证。

HBIS has established a systematic layout of the low-carbon industry chain of “low-carbon raw materials in the upstream industry chain, low-carbon process products in the midstream industry chain, and low-carbon applications in the downstream industry chain.” The upstream has promoted the strategic cooperation with BHP in low-carbon crude fuel use and with Sinopec in green hydrogen energy industry chain to support carbon reduction from the source. The midstream has cooperated with POSCO Holdings to promote the completion and commissioning of HBIS-POSCO auto sheet joint venture project, creating a “high-end, intelligent, and green” world-class highland for automobile sheets. The downstream has promoted the joint construction of a green and low-carbon steel material supply chain with BMW and Great Wall Motor, and has demonstrated the cross-field cooperation in carbon reduction with BMW, Mercedes-Benz, Chery Automobile, Volvo and other automobile enterprises. In 2023, the Group completed the carbon footprint certification of ten typical products.



河钢（塞尔维亚）全球绿色智能供应链合作大会召开

HBIS (Serbia) Global Cooperation Conference on Green and Intelligent Supply Chain held

2024年4月，河钢集团与西门子联合举办河钢（塞尔维亚）全球绿色智能供应链合作大会，与全球合作伙伴共同探讨钢铁未来发展之路，为推动全球产业更加绿色、更加低碳、更加智能贡献智慧和力量。

In April 2024, HBIS and Siemens jointly held the HBIS (Serbia) Global Cooperation Conference on Green and Intelligent Supply Chain to discuss the future development path of the steel industry with global partners, contributing wisdom and strength to a greener and more intelligent global industry with less carbon emissions.



河钢集团党委书记、董事长于勇在大会上致辞

Yu Yong, Party Secretary and Chairman of HBIS addresses the conference

● 打造绿色产品 Developing Green Products

河钢集团倡导并推进绿色包装，以低碳足迹打造高端材料；完善低碳钢铁产品认证体系，促进钢铁产业链延伸与协同降碳。2023年，张宣科技产品再次荣获“冶金绿色产品认证”；唐钢公司完成两种绿色产品认证，均获得现场四星评价。

HBIS advocates and promotes green packaging, creating high-end materials with low-carbon footprint. The Group improves the low-carbon steel product certification system to promote the extension and collaborative carbon reduction of the steel industry chain. In 2023, the products from Zhangxuan Tech once again obtained the Metallurgical Green Product Certification, and Tangsteel Company completed certification of two green products which both received four-star evaluation on the site.



河钢集团三类产品通过 TÜV 南德 CBAM 符合性评估，成为行业内首家获得欧盟碳边境调节机制（CBAM）符合性评估报告的钢铁企业

Three types of products of HBIS are certified by TÜV SÜD CBAM conformity evaluation, becoming the first steel enterprise in the industry to obtain the EU CBAM conformity evaluation report



我国首卷大转炉高比例 DRI 超低排放汽车用钢在河钢下线

China's first roll of large converter steel with high-proportion DRI ultra-emission used for automobile is produced at HBIS

绿色生产 Conducting Green Production

● 夯实环境管理 Enhancing Environmental Management

河钢集团不断完善环境管理制度建设，推动应急管理落到实处，最大限度降低突发环境事件对环境造成的影响。2023年，集团突发环境事件和重大环境违法事件为“零”，环保行政处罚为“零”。

HBIS has continuously improved the development of environmental management system, promoted the implementation of emergency management, and minimized the impact of environmental emergencies on the environment. In 2023, the Group had “zero” environmental emergency or major environmental violation, and received “zero” administrative penalty caused by breach of environmental protection.

● 环境管理体系

Environmental Management System

河钢集团着力构建集团环保管理合规义务数据库，识别出环境类法律法规及其他要求共计979项；依据国家法律法规及相关要求，各子公司在建设项目中严格执行环境影响评价制度。2023年，河钢集团所属子公司均通过环境管理体系认证，环境管理水平持续提升。

HBIS has worked hard to build a database of the Group’s compliance obligations on environmental management by which a total of 979 environmental laws, regulations and other requirements have been identified. In accordance with national laws, regulations and relevant requirements, each subsidiary strictly implements the environmental impact assessment system in construction projects. All the subsidiaries of HBIS passed environmental management system certification in 2023, continuously improving the environmental management level.



邯钢新区智慧环保平台
Intelligent environmental protection platform of Hansteel New Plant

● 制定应急预案

Developing Emergency Plans

河钢集团各子公司严格按照要求编制应急预案并在地方政府部门备案，确保及时、科学、有效应对突发环境事件；严格落实重污染天气应急管控措施，A级企业积极配合地方政府开展自主减排，尚未获得A级环保绩效的企业严格执行“一厂一策”应急管控减排措施，为改善区域空气质量作出积极贡献。

All the subsidiaries of HBIS have made emergency plans and filed them in local authorities strictly according to the requirements, in order to guarantee timely, scientific and effective response to environmental emergencies. The subsidiaries strictly implement emergency control measures to cope with heavy pollution weather among which A-level enterprises actively cooperate with local governments to independently carry out emission reduction while those having not reached A-level environmental protection performance strictly implement the “One Factory, One Policy” emergency control and emission reduction measures, making positive contributions for the improvement of regional air quality.

● 助力节能减排 Facilitating Energy-Saving and Emission Reduction

河钢集团坚持走绿色低碳发展道路，全年环保投资30亿元，提升环保绩效和环境综合治理水平，助力企业低碳转型发展；有效降低三废排放，全力改善大气环境质量。截至2023年，河钢集团已有5家子公司全面创A、6家地方绩效引领性企业、2家地方环保绩效A级企业、4家国家级“绿色工厂”、7家中国钢协“双碳最佳实践能效标杆示范厂”培育企业。

Insisting on green and low-carbon development path, HBIS has invested RMB3 billion in environmental protection throughout the year to improve environmental protection performance and comprehensive environmental management level, and facilitate low-carbon transformation and development. The Group has effectively reduced wastewater, waste gases and solid waste, making every effort to improve the ambient air quality. As of 2023, HBIS had a total of 5 subsidiaries and branches with comprehensive A-level environmental performance, 6 local leading enterprises and 2 local A-level enterprises in terms of environmental performance, 4 national-level “green factories,” and 7 “Cultivation Enterprises of Energy Efficiency Benchmark Demonstration Plants for the Best Practice of Carbon Peaking and Carbon Neutrality” recognized by China Iron and Steel Association.



节约能源资源

Saving Energy and Resources

河钢集团从使用清洁能源、节约水资源、提高能源使用效率等方面入手，持续加大低碳绿色技术研发与应用，积极布局新能源建设项目，进一步降低能源消耗，减少污染物排放和温室气体排放。2023年，河钢集团开展水资源高效循环利用研究，初步建立了集团水资源配置综合评价体系。

Starting from using clean energy, saving water resources and improving energy use efficiency, HBIS continues to enhance the research, development and application of low-carbon and green technologies, and actively deploys new energy construction projects to further reduce energy consumption and emission of pollutants and greenhouse gases. In 2023, HBIS conducted research on the efficient recycling of water resources and initially established a comprehensive evaluation system for the Group's water resources allocation.



河钢集团设立河钢售电并实施绿电交易

HBIS Electricity established to conduct green power transactions

河钢售电注册的河钢供应链铁碳电平台，具备在京、津、冀、鲁等多省区开展电力交易的资质。2023年绿电交易 5.67 亿度，当年占比 13.5% 左右，年度绿电交易量创新高，绿电交易规模位居全国钢铁企业前列。

The HBIS SCM Ttie Carbon Electricity Platform registered by HBIS Electricity is qualified to carry out power transactions in several provinces, municipalities, and autonomous regions, including Beijing, Tianjin, Hebei, and Shandong. In 2023, the trading volume of green power amounted to 567 million kWh, accounting for 13.5 percent of the total purchased power of the year. The annual trading volume of green power has hit a new high and the green power transaction scale has ranked among the top steel enterprises nationwide.



风力发电与光伏发电
Wind power generation and PV power generation



减少三废排放

Reducing Wastewater, Waste Gases and Solid Waste

河钢集团按照新出台的创A标准要求，实施超低排放改造和环境治理提升，有效减少废气、废水、固体废弃物排放，推进大气污染物排放绩效优化。2023年，河钢集团共有2家河北省“无废企业（工厂）”；吨钢二氧化硫排放量、吨钢氮氧化物排放量、吨钢烟粉尘排放量分别较去年同期优化10.5%、19%、13.6%；固体废弃物利用率达100%。

In accordance with the newly-released A-level standards, HBIS has implemented ultra-low emission transformation and environmental governance improvement to effectively reduce wastewater, waste gases and solid waste, and promote the optimization of air pollutant emission performance. In 2023, HBIS had two "Waste-Free Enterprises (Factories)" in Hebei Province with sulfur dioxide emissions per ton of steel, nitrogen oxide emissions per ton of steel, and flue gas and dust emissions per ton of steel optimized by 10.5 percent, 19 percent and 13.6 percent respectively from a year earlier; and the utilization rate of solid waste reached 100 percent.

“三废”排放绩效
Management Performance of
Wastewater Discharge, Waste Gas
Emissions and Solid Waste Discharge



废气污染物排放量
Amount of waste discharge

16,387.17 吨
16,387.17 tons

废水排放量
Discharge of wastewater

8,142,117 吨
8,142,117 tons

废弃物排放量
Discharge of solid waste

12,015,190 吨
12,015,190 tons

绿色运营 Implementing Green Operation

● 践行绿色办公 Promoting Green Office Practices

河钢集团大力倡导无纸化办公，通过“河钢在线”一体化办公平台实现文件传递、在线签署等功能；推行线上会议，减少差旅次数，间接降低碳排放。

HBIS vigorously advocates paperless office, and has realized document delivery and online signing through the “HBIS Online” integrated office platform. The Group promotes online meetings and reduces business travel frequency to indirectly cut carbon emissions.

碳普惠体系 Carbon inclusive system

河钢集团遵循“场景识别—行为量化—行为激励”的总体思路，基于WisCarbon碳中和数字化平台，开发碳普惠（CGsp）子平台，建设惠及员工的企业碳普惠体系。该体系围绕员工在企业中的衣、食、住、行等点滴日常，重点识别衣物捐赠、无纸化办公、光盘行动、低碳出行等碳普惠场景，通过平台收集低碳行为数据，依托相应的方法学量化碳减排量，对低碳行为进行激励，实现“生态有价”，营造绿色办公、低碳生活新风尚。

Following the general guidelines of “scenario recognition, behavior quantification, behavior motivation,” HBIS has developed a sub-platform of Carbon Generalized System of Preferences (CGsp) based on the WisCarbon Digital Platform for Carbon Neutrality, as well as a carbon inclusive system benefiting all employees. The system centers on employees’ daily life necessities in the enterprise such as clothing, food, housing and transportation with emphasis on identifying carbon inclusive scenarios such as clothing donation, paperless office, “clear your plate” campaign, and low-carbon travel. The Group collects environmental protection behavior data through the platform, quantifies carbon emission reduction by corresponding methodology, and motivates low-carbon behaviors to realize “ecological value” and create a new trend of green office and low-carbon lifestyle.



河钢集团碳普惠 APP
Carbon Inclusion App of HBIS



● 营造绿色氛围 Creating a Green Atmosphere

河钢集团积极组织低碳知识培训宣贯等活动，培养员工低碳意识；组织开展植树造林等环保公益活动，在全集团营造低碳生活新风尚。2023年，河钢集团环保培训投入55.58万元，组织开展环保培训585次。

HBIS actively organizes activities around training, publicity and implementation of low-carbon knowledge to cultivate employees’ low-carbon awareness. The Group also organizes tree planting and other public welfare activities for environmental protection to create a new trend of low-carbon lifestyle company-wide. In 2023, HBIS invested RMB55,800 in environmental protection training programs, and organized 585 environmental protection training sessions.



员工参与环境日主题签名活动
Employees participate in the signing activity on the World Environment Day



员工参与植树绿化公益活动
Employees participate in public welfare activity of tree planting



员工正在张贴“世界环境日”宣传图
Employees put advertising posters for the World Environment Day



员工学习环保知识
Employees study environmental protection knowledge



● 生态环境保护 Protecting Eco-Environment

河钢集团深入推进生态文明建设和绿色低碳发展，持续推进生态恢复治理，改善生态环境质量；在生物多样性保护上主动作为，实现与环境融合、与生物共荣。

HBIS promotes the construction of ecological civilization and green and low-carbon development in a deep-going way, continues to promote ecological restoration and governance, and improves the quality of ecological environment. The Group takes the initiative to protect biodiversity, achieving integration with the environment and common prosperity with the nature.

生态恢复治理

Ecological Restoration and Management

河钢集团持续推动开展厂区、矿区生态恢复与治理，让“烟尘地”变成“美家园”。2023年，河钢矿业投入矿山生态修复（绿化）费用近4,000万元，完成生态修复面积121.9万平方米，矿山地质环境与地貌景观得到有效治理。

HBIS continues to promote the ecological restoration and governance of factories and mining areas, turning “smoky sites” into “beautiful homes.” In 2023, HBIS Mining invested nearly RMB40 million in the ecological restoration (greening) of the mines, and completed ecological restoration area of 1.219 million square meters. Both the geological environment and the landscape of the mines have been effectively governed.



河钢矿业柏泉铁矿全景
Full view of Baiquan Iron Mine of HBIS Mining



承德钒钛厂区环境
Factory area of Chengde Vanadium Titanium

生物多样性保护

Biodiversity Protection



优美矿山环境引来白鹭、赤麻鸭等国家二级保护动物“打卡”
Beautiful mine environment attracts national secondary protected animals such as egrets and red shelducks to “tick off”

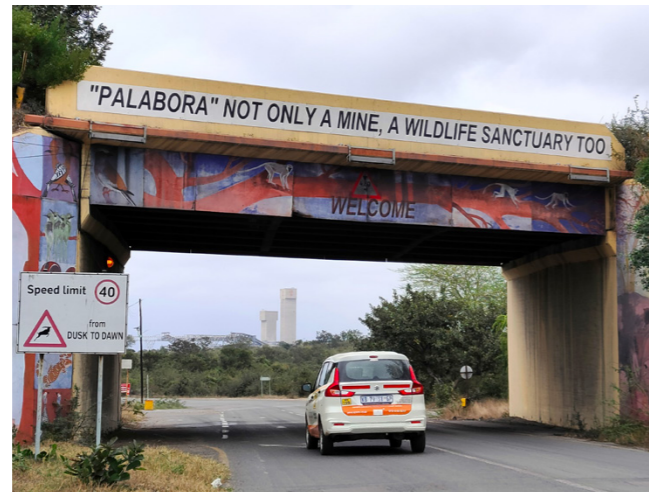


矿区内出现的野生大象
Wild elephants in the Mine Premise

河钢南非矿业开展生物多样性管理计划 (BAP) HBIS PMC Mining conducts biodiversity action plan (BAP)

河钢南非矿业开展了生物多样性管理计划 (BAP)，密切关注所处地区的自然环境和生物保护情况。2023 年，河钢南非矿业实施反偷猎计划，在全矿区范围内安装影像收集系统，偷猎事件显著减少，被诱捕的动物数量减少 91%。

Palabora Mining Company (Pty) Ltd. (PMC), a subsidiary of HBIS Resources in South Africa, has carried out Biodiversity Action Plan (BAP) and paid close attention to local natural environment protection and biological conservation. In 2023, PMC implemented an anti-poaching plan and installed an image pick-up system covering the whole mining area, resulting in significantly reduced poaching incidents and a 91 percent reduction in the number of trapped animals.



帕拉博拉矿区边界标识语：帕拉博拉不仅是个矿山，也是野生动物的庇护所
Slogan at the border of Palabora mining area: Palabora Not Only A Mine, A Wildlife Sanctuary Too



矿区出现的斑马
A zebra in the Mine Premise

人

探寻和谐发展新路

People | Exploring New Path to Harmonious Development

坚实的民生保障，是幸福生活的“底气”。党的二十大报告指出，必须坚持在发展中保障和改善民生，鼓励共同奋斗创造美好生活，不断实现人民对美好生活的向往。河钢集团加强员工权益保障，尊重和肯定员工价值，着力构建和谐劳动关系；走好海外履责之路，深耕境外企业发展，推动共建“一带一路”高质量发展；因地制宜擘画乡村振兴图景，凝聚公益正能量，助力开创人类美好未来。

A safety net for public wellbeing is the solid foundation for people enjoying a happy life. General Secretary Xi Jinping pointed out in the report to the 20th CPC National Congress that we must ensure and improve the people's wellbeing in the course of pursuing development and encourage everyone to work hard together to meet the people's aspirations for a better life. HBIS strengthens the protection of the rights and interests of employees, respects and values employees, and strives to build harmonious labor relations. HBIS has intensified its efforts to fulfill responsibilities in overseas market, boost development of overseas affiliated enterprises, and advance high-quality joint development of the Belt and Road. HBIS promotes rural revitalization in accordance with local conditions, and has launched initiatives for public welfare undertakings, contributing to a better future for mankind.

58 | 成就员工
Facilitating Employee Growth

68 | 海外履责
Overseas Responsibility Performance

73 | 民生向暖
Improving People's Wellbeing



可持续发展目标

1 无贫穷 NO POVERTY	2 零饥饿 ZERO HUNGER	3 良好健康与福祉 GOOD HEALTH AND WELL-BEING	4 优质教育 QUALITY EDUCATION	5 性别平等 GENDER EQUALITY	8 体面工作和经济增长 DECENT WORK AND ECONOMIC GROWTH	10 减少不平等 REDUCED INEQUALITIES	11 可持续城市和社区 SUSTAINABLE CITIES AND COMMUNITIES
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成就员工 Facilitating Employee Growth

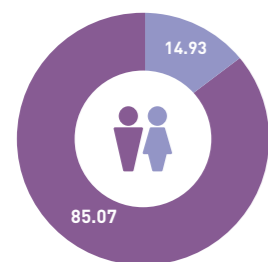
保障员工权益 Guaranteeing Rights and Interests of Employees

河钢集团秉承“员工是企业不可复制的竞争力”人本理念，严格按照《中华人民共和国劳动法》《中华人民共和国劳动合同法》《中华人民共和国妇女权益保障法》等法律法规，依法与员工签订、履行、解除劳动合同，依照公平诚信原则，禁止一切歧视与强迫劳动，反对雇用童工，反对职场骚扰，反对职场霸凌，重视员工个人隐私，充分保障员工权益。2023年，员工总数为97,802人。

Adhering to the employee-oriented idea of "People Excellence," HBIS strictly abides by the *Labor Law of the People's Republic of China*, *Employment Contract Law of the People's Republic of China*, and *Law on the Protection of Rights and Interests of Women of the People's Republic of China*, and other relevant laws and regulations. The Group signs, fulfills, and terminates labor contracts with employees in accordance with the laws and regulations. Based on the principle of impartiality and integrity, HBIS prohibits all kinds of discrimination and forced labor, opposes the employment of child labor, objects to workplace harassment and workplace bullying, attaches great importance to personal privacy, and fully protects the rights and interests of employees. In 2023, the Group had a total of 97,802 employees.

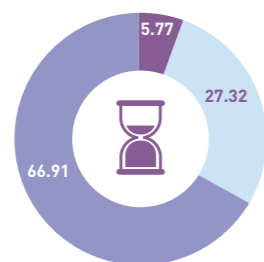
员工构成占比 (单位: %)
Employee Composition Ratio (Unit: %)

性别 By gender



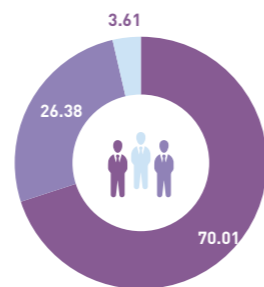
■ 男性 Male
■ 女性 Female

年龄 By age



■ 30岁及以下 Employees aged 30 and below
■ 30岁-50岁 Employees aged 31-50
■ 50岁以上 Employees aged 51 and above

学历类型 By educational background



■ 大专及以下 Employees with a junior college diploma and below
■ 本科 Employees with a bachelor's degree
■ 研究生及以上 Employees with a master's degree and above



平等雇用 Equal Employment

Equal Employment

河钢集团积极带动就业市场，注重机会均等多元化，招录、提拔、评选等全环节都坚持性别、民族、信仰、年龄无差别的雇用原则，打造公平、公正、公开的雇用环境。2023年，集团共吸纳就业人数485人。

HBIS attaches great importance to equal and diversified opportunities, adheres to the principle of employment without discrimination on the basis of gender, ethnicity, faith and age in all aspects of recruitment, promotion and selection, aiming to create a fair, impartial and open employment environment; positively creates employment opportunities, conducts talent demand analysis, and formulates graduate recruitment plan in a scientific manner. In 2023, the Group recruited a total of 485 employees.

吸纳就业人数

485 人

recruited a total of 485 employees

员工社会保险覆盖率为

100 %

the employee social insurance coverage rate of the Group reached 100 percent

薪酬福利 Remuneration and Benefits

Remuneration and Benefits

河钢集团严格执行《中华人民共和国劳动法》和工资支付政策规定，按时足额为员工支付薪酬，持续深化以价值贡献为导向的薪酬分配制度改革；按照国家社会保障法律法规有关规定，按时足额为员工缴纳五险一金；在部分子公司建立企业年金制度；员工享有国家法律法规和集团制度规定的各类假期，加班和假期工资待遇按照国家政策规定和集团制度执行。2023年，集团员工社会保险覆盖率为100%。

HBIS strictly implements the *Labor Law of the People's Republic of China* and relevant policies on disbursement of payrolls, and pays the employees in full and on time; focuses on technological upgrading strategies and continues to deepen the reform of salary distribution system oriented by value contribution. In terms of benefits, HBIS pays five social insurances (medical, pension, unemployment, work-related injury, and maternity) and housing provident fund for employees in full and on time in accordance with relevant provisions of the national social security laws and regulations; has established an enterprise annuity system in some subsidiaries to further improve the social security level for the employees; employees are entitled to paid vacations stipulated by national laws and regulations, as well as the policies of the Group, and overtime and vacation pay and relevant benefits are implemented in accordance with national laws and regulations, as well as the policies of the Group. In 2023, the employee social insurance coverage rate of the Group reached 100 percent.



民主管理

Democratic
Management

河钢集团严格遵守《河钢集团民主管理实施办法》，多次举办职工代表大会、民主生活会、先进模范代表座谈会等形式的民主会议，切实发挥工会组织的重要作用，确保员工的意见落到实处，保障员工知情权、参与权。2023年，河钢集团工会在岗正式员工入会率100%。

HBIS strictly abides by the *Implementation Measures of HBIS for Democratic Management*, and has held a number of democratic meetings by forms of employees' congress, meeting of democratic life, and seminars with model employee representatives to ensure the employees' opinions and suggestions on rectification can be truly implemented. The Group gives full play to the important role of the trade union in uniting and serving employees, protecting employees' rights and interests, and guaranteeing employees' rights to know and to participate. In 2023, the trade union membership rate of regular employees on duty reached 100 percent.



河钢集团召开先进模范代表座谈会

HBIS holds a meeting with model employee representatives

搭建成长平台 Building Career Development Platform

河钢集团积极打造与企业战略发展相适应的“有理想守信念、懂技术会创新、敢担当讲奉献”的员工队伍，完善人才培养体系，努力为员工创造“创新有舞台，成才有支撑，奋斗有回报”的成长环境，充分释放企业发展活力。

HBIS has actively built an employee team “having lofty ideals, keeping faith, understanding technology, capable of innovation, daring to take responsibilities and willing to contribute” in line with the Group's strategic development, improved the talent training and cultivation system, and strived to create a growth environment for employees to “innovate with appropriate stage, cultivate with appropriate support, and work hard with appropriate return,” fully releasing the vitality of corporate development.



员工培训

Training Programs for
Employees

河钢集团实施多类别、精准化、定制化的人才培训项目，打造“产学研用”一体化的培训体系；组织新入职员工培训和素质拓展活动，并为新入职员工制定“一对一”轮岗培养见习计划；深入推进“劳动竞赛、技能竞赛、群众性员工创新”三大体系建设，悉心培育各级各类人才。2023年，共投入3,683.59万元进行员工培训，共计332,739人次参与培训。

HBIS has implemented targeted and customized talent training programs of various categories, and created an integrated “industry-university-research-application” training system; organized training and quality developing activities for new recruited employees, and developed a “one-to-one” cultivation and internship program with job rotation for them; deepened the development of the three major systems of “labor competition, skills competition, and employee innovation;” and carefully cultivated talented personnel of all types at various levels. In 2023, a total of RMB36.8359 million was invested in employee training programs, and a total of 332,739 trainees participated in the training sessions.



河钢集团员工荣获第18届模拟炼钢挑战赛世界总决赛冠军

Employee from HBIS wins champion at the 18th Steelchallenge

2024年4月，世界钢铁协会在伦敦公布第18届模拟炼钢挑战赛世界总决赛比赛结果，河钢员工部伟利荣获职业组世界冠军，这是2017年以来河钢荣获的第六个职业组世界冠军，再次在世界钢铁舞台上展现河钢力量。

In April 2024, the World Steel Association announced the new world champions of the 18th Steelchallenge in London. Bu Weili, an employee from HBIS, won the world champion in the industry category for 2024. This is the sixth world championship that HBIS has won in the industry category since 2017, once again showing the strength of HBIS on global steel stage.



河钢员工部伟利荣获第18届模拟炼钢挑战赛世界总决赛冠军

Bu Weili, an employee from HBIS, wins the 18th steelChallenge World Championship

河钢集团加强人才培育 HBIS Strengthens Talent Cultivation

管理业务人才
Management and business talents

与清华大学、浙江大学、复旦大学、上海交通大学、厦门大学等国内名校合作，以突破固有思维为核心，实施定制化人才培养项目

Cooperate with well-known domestic universities such as Tsinghua University, Zhejiang University, Fudan University, Shanghai Jiao Tong University and Xiamen University to implement customized talent training programs with the core of breaking through inherent thinking

专业技术人才
Specialized technical talents

构建“全球系统创新平台”，以项目合作为载体，以实战为检测标准，高效培养专业技术人才

Construct a “global system innovation platform,” and take project cooperation as the carrier and actual practice as the testing standard to efficiently cultivate specialized technical talents

基层技能人才
Primary-level skilled talents

搭建技能人才培养平台，每年举办“河钢杯”职业技能大赛，选拔各工种拔尖技能人才、成立大师工作室等基层技能人才培养单元，提升基层人才创新能力

Construct a platform for skilled talent cultivation, hold “HBIS Cup” vocational skills competition on an annual basis, select top-notch skilled talents in various types of work, establish master studios and other units for cultivation of primary-level skilled talents, and enhance the innovation capabilities of primary-level talents

基层党务人才
Primary-level Party workers talents

高质量开展基层党建专题培训，实施党组织书记示范培训项目、组织员工培训班等，培养了一批讲政治、顾大局，理论素养高、实践能力强的基层党务人才

Carry out high-quality special training programs on primary-level Party building, implement demonstration training programs for Party organizations secretaries, and organize employee training programs, having cultivated a batch of primary-level Party workers with clear political stance, larger picture in mind, high theoretical literacy, and good practice ability



2023 河钢集团赴外学习锻炼人员英语强化培训班结业留念
Personnel studying and receiving practical training abroad of HBIS in 2023 pose for a group photo to mark the completion of the Intensive English Program

发展通道

Development Channels

河钢集团健全培养选拔优秀年轻干部常态化工作机制，进一步加强干部选任监督工作，全面推进人才和干部队伍建设，努力实现专业人才市场化、干部队伍年轻化，给员工提供充分发展和实现价值的舞台。

HBIS has improved the regular working mechanism for cultivating and selecting outstanding young leading personnel, further strengthened the supervision of leading personnel selection and appointment, comprehensively promoted the building of talent and leading personnel teams, and strived to marketize specialized talented personnel and rejuvenate leading personnel teams, providing a stage for the employees to fully develop and realize their value.

以年轻干部“四个一批”培养计划为抓手，形成干部选拔、培育、管理、使用环环相扣又统筹推进的全链条机制

Take the training plan of “Four in a Batch” for young cadres as the starting point to establish a full-chain mechanism of cadre selection, cultivation, management and employment all linked with one another and planned as a whole for further promotion

实施四个层次人才工程和技能登高工程，系统加强专业技术人才队伍和技能人才队伍建设，畅通技术人员成长通道

Implement the four-level talent project and skill improvement project to systematically strengthen the construction of professional technical talent teams and skilled talent teams, unblocking the development channel for technical personnel



河钢集团学习浦江经验提高群众工作能力专题培训班
HBIS holds a special training session for learning the “Pujiang experience” and improving the ability to carry out work among the people

● 关爱员工生活 Caring for Employees' Life

河钢集团坚持发展为了员工、发展依靠员工、发展成果由员工共享，扎实开展“我为群众办实事”实践活动，开展“金秋助学”活动，帮扶员工子女；举办心理健康、健康管理等讲座，保障员工身心健康；开展员工喜闻乐见的文体活动，活跃员工业余文化生活，成就幸福“河钢人”。2023年，河钢集团员工体检及健康档案覆盖率为100%，各级工会投入2,000余万元关心关爱员工。

HBIS insists on developing for employees, relying on employees for development, and sharing development results with employees. The Group has effectively carried out practical activity of "Bringing Tangible Benefits to the People" and held "Educational Assistance in Golden Autumn" activity to assist children of employees in difficulty. It has organized seminars on mental health and health management to protect the physical and mental health of employees. It has also organized recreational and sports activities that are popular among employees, in order to enrich employees' spare-time cultural life and create happy "HBIS People." In 2023, the employee physical examination and health record coverage of the Group reached 100 percent, and the trade unions at all levels invested more than RMB20 million to enhance employee care.



打造“职工之家”
"Home of Staff" built by HBIS



举办联谊活动
Fellowship activity held by HBIS



举办篮球邀请赛
Basketball invitation tournament held



举办马拉松比赛
Marathon race held by HBIS



举办员工跳绳比赛
Held rope skipping match for employees

● 确保安全生产 Ensuring Work Safety

河钢集团严格执行各项安全法律法规，落实全员安全生产责任制，建立健全工会劳动保护管理组织，积极开展安全宣传培训工作，同时加大隐患排查治理力度，切实提高和规范员工的安全生产素质，增强安全意识。2023年，集团安全生产投入达62,851.03万元，发生员工工伤事故次数1次，全年未发生员工因工死亡事件。

HBIS has implemented the work safety responsibility system, established and improved trade union organizations for labor protection management, actively carried out safety publicity and training programs, and intensified the investigation and management of hidden dangers at the same time to effectively improve and normalize employees' quality and safety awareness for work safety. In 2023, the Group's investment in work safety reached RMB628.5103 million; there was one work-related accident, and no work-related deaths of employees throughout the year.

● 安全管理 Safety Management

河钢集团组织同各子分公司签订2023年度安全生产目标责任书，压实安全生产责任；将安全一级标准化创建的理念和行动落实到岗位；优化安全管理信息化平台建设，推进安全管理现代化。

HBIS has organized all subsidiaries and branches to sign the 2023 Written Pledges for Work Safety to enhance safety management; implemented the concept and actions of first-level safety standardization into specific job positions; optimized the construction of safety management information platform, and promoted the modernization of safety management.

● 风险预警 Risk Early-Warning

河钢集团依托自身技术力量，自主研发生产监测预警系统，对关键参数和监测数据进行实时动态监控，确保异常状况早发现、早处置，有效加强事故预防和应急处置能力。

Relying on its own technical strength, HBIS has independently developed a production monitoring and early-warning system to conduct real-time dynamic monitoring of the key parameters and monitoring data, ensuring early detection and early handling of abnormal conditions and effectively strengthening the capabilities of accident prevention and emergency disposal.



指挥中心应用风险监测预警系统
Risk monitoring and early-warning system applied in the command center

● 隐患排查 Hidden Danger Inspection

河钢集团聚焦熔融金属、矿山、危化等重点领域，开展岁末年初整治、钢结构筒形仓专项整治、重大事故隐患专项排查整治等，确保重点环节管理到位、重大风险管控到位、各类隐患治理到位。

HBIS focuses on the governance of key areas such as molten metal, mines and hazardous chemicals, and carries out rectification at the end of and at the beginning of the year, implements special rectification of steel structure silos, and conducts special investigation and rectification of major accident hazards, to ensure the key links are managed in place, the major risks are controlled in place, and all types of hidden dangers are governed in place.

● 安全文化 Safety Culture

河钢集团开展“安全生产月”“全国消防宣传月”等活动，积极宣贯“人人讲安全，个个会应急”理念，组织开展多层次应急演练，有力保证集团安全生产形势总体稳定。2023年，安全生产培训覆盖率100%，开展公司级应急演练93次。

HBIS has carried out activities such as “Safety Production Month” and “National Publicity Month of Fire Control”, actively publicized and implemented the concept of “Everyone should pay attention to safety, and all should know how to meet emergencies”, organized and carried out emergency drills at multiple levels to effectively ensure the overall stability of the Group's safe production. In 2023, the coverage rate of safety production training reached 100%, and 93 emergency drills were carried out.



2023 年度应急演练
An emergency drill in 2023



“消防月”安全隐患排查整治行动
Inspection and rectification action for safety hazards during the “National Firefighting Publicity Month”



海外履责 Overseas Responsibility Performance

● 深耕海外业务 Developing Overseas Business

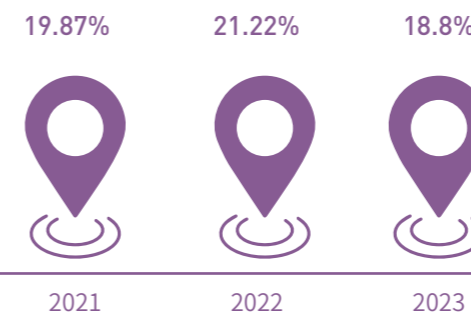
2023年是共建“一带一路”倡议提出十周年，河钢集团按照“全球拥有资源、全球拥有市场、全球拥有客户”的战略定位，努力落实海外事业“1234”布局，推动河钢南非矿业、河钢塞钢、河钢德高等重点实施项目持续创出经营发展新业绩，形成资源、制造、贸易三大核心业务板块，构建了全产业链、全球化布局的海外事业发展格局。

The year 2023 marked the 10th anniversary of the Belt and Road Initiative. In accordance with the strategic corporate positioning of “having resources, markets, and customers globally,” HBIS has strived to implement the “1234” layout of overseas businesses and promoted the key projects initiative such as HBIS PMC Mining, HBIS Serbia and HBIS DITH to continuously create new achievements in operation and development, having formed three core business segments of resources, manufacturing and trade, and established an overseas business development pattern of whole industry chain and global layout.

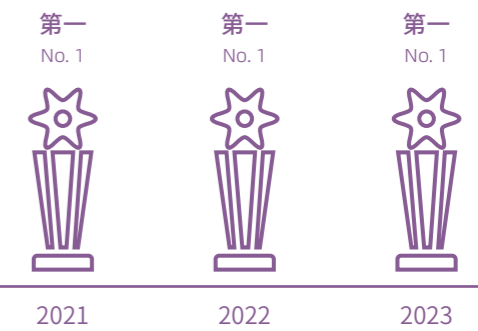
截至2023年年底，河钢集团拥有境外参、控股企业70余家，控制运营海外资产超100亿美元，海外员工1.3万人，商业网络遍及全球120多个国家和地区，本地化雇用比例99.8%，连续7年成为中国国际化程度最高的钢铁企业。

As of the end of 2023, HBIS had more than 70 overseas joint stock companies and holding companies with 13,000 overseas employees, controlling and operating overseas assets of more than USD10 billion. The Group's business network has covered more than 120 countries and regions worldwide with localized employment ratio of 99.8 percent. It has become China's most internationalized steel enterprise for seven consecutive years.

国际化指数
Internationalization Index



钢铁行业排名
Ranking in the steel industry



河钢南非矿业 HBIS PMC Mining



通过“采矿业女性”制度，帮助女性解决在采矿工作中面临的问题，公司女性员工达到25%以上；

By implementing “Women in Mining” system, HBIS PMC has helped the women solve the problems they face at work. Female employees of the company have reached over 25 percent;



举办马拉松、足球赛、SHEQ春季徒步等运动赛事，鼓励员工健康生活；

By organizing marathons, football games, SHEQ spring hiking and other sports events, HBIS PMC encourages the employees to live a healthy life;



为贫困家庭捐赠物资，协助当地设立学校，提升当地居民的生活水平和教育水平。

HBIS PMC has donated goods and materials to families in poverty and assisted in setting up local schools to improve the living standards and education level of local residents.



“零伤害”足球杯

“Zero Harm” football match



河钢南非矿业获得“南非最佳雇主”认证

Palabora Mining Company (Pty) Ltd. (HBIS Group - PMC) is recognized as the Top Employer in South Africa 2023

河钢德高 HBIS DITH



德高中东公司出资支持阿拉伯联合酋长国非营利性海洋保护组织，开展珊瑚礁再生活动，为保护海洋做贡献；

HBIS DITH has provided financial support for the non-profit marine protection organization in the United Arab Emirates and carried out coral reef regeneration activities, contributing to marine conservation and protection.



成立Duferco SA慈善委员会，负责捐款给当地慈善组织，重点关注集团业务范围内的发展中国家的儿童教育、健康需求。

HBIS DITH has established Duferco SA Charity Committee to be in charge of the donation to local charity organizations, paying close attention to the children education and health requirements of the developing countries within the Group's business scope.



民生向暖 Improving People's Wellbeing

● 助力乡村振兴 Facilitating Rural Revitalization

河钢集团深入学习贯彻习近平总书记关于“三农”工作和乡村振兴的重要论述精神，充分发挥集团资源、技术优势，通过完善帮扶机制，实施产业帮扶、消费帮扶，助力灾后重建，建设和美乡村，推动巩固防返贫与乡村振兴有效衔接。2023年，投入灾后重建、乡村振兴帮扶资金达3,652万元。

HBIS has thoroughly studied and implemented the spirit of General Secretary Xi Jinping's important discourses on agriculture, rural areas and farmers, and rural revitalization, and has given full play to the Group's resources and technological advantages. By improving the assistance mechanism, the Group has implemented industry-based and consumption-based assistance, supported post-disaster reconstruction, helped build beautiful countryside, promoted and consolidated the effective connection between poverty prevention and rural revitalization. In 2023, HBIS invested RMB36.52 million as the assistance funds for rural revitalization.

投入灾后重建、
乡村振兴帮扶资金达

3,652 万元

invested RMB36.52 million as
the assistance funds for rural
revitalization

乡村振兴重点成效

Key Achievements of Rural Revitalization



选派**45**名高素质党员干部组成**15**支驻村工作队，对口帮扶石家庄、保定、张家口、承德**4**个市**11**个县、区**15**个帮扶村；

HBIS has assigned 45 outstanding Party members and leading officials to form 15 village-based work teams providing targeted assistance for 15 villages in 11 counties and districts of four cities: Shijiazhuang, Baoding, Zhangjiakou, and Chengde;



2021年—2023年，河钢集团共计捐赠帮扶资金**4,179**万元，其中，捐赠涞源县**3,354**万元（灾后重建**3,160**万元）；

From 2021 to 2023, HBIS donated a total of RMB41.79 million as assistance funds, of which RMB33.54 million was donated to Laiyuan County (RMB31.6 million was used for post-disaster reconstruction);



通过举办职业技能培训班和就业输出，安排引导**15**个帮扶村就业、外出务工**1,241**人，就业人口年均收入2万元以上，15个帮扶村脱贫人口年人均收入同比增长**8%**以上。

By organizing vocational skills training programs and creating job opportunities, HBIS has arranged and guided 1,241 people of the 15 assisted villages to go out to work. The average annual income of the employed people has reached over RMB20,000, and the annual per capita income of the population lifted out of poverty in the 15 assisted villages has achieved a year-on-year growth of over eight percent.

加强组织保障

Enhancing Organizational Support

河钢集团制定《河钢集团2023年“五包一”包联帮扶涞源县工作计划》《河钢集团驻黑山村、北铺村、留家庄村“三包一”驻村帮扶工作计划》，加强组织领导；配合涞源县制定下发《涞源县防止返贫动态监测和帮扶工作实施方案》等系列文件，强化高效对接机制，明确灾后重建和乡村振兴指导思想、工作重点。

HBIS has formulated "Five-for-One" Assistance Work Plan of HBIS for Laiyuan County in 2023 and "Three-for-One" Village Assistance Work Plan of HBIS for Heishan Village, Beipu Village, and Liujiashuang Village, and strengthened organizational leadership. The Group has cooperated with Laiyuan County to formulate and issue a series of documents including Implementation Plan for Dynamic Monitoring and Assistance to Prevent People from Returning to Poverty in Laiyuan County, strengthened the efficient connection mechanism, and clarified the guiding thought and work priorities for post-disaster reconstruction and rural revitalization.

协助灾后重建

Conducting Post-Disaster Reconstruction

河钢集团制定《河钢集团帮扶涞源县灾后重建实施方案》，助力涞源县灾后重建。集团先后捐赠现金2,900万元和价值100万元机械设备用于涞源县灾后重建；捐赠130万元用于集团帮扶涞源县3个定点村因灾受损恢复重建；捐赠价值30万元棉衣，保证集团帮扶的3个定点村632名60岁以上村民温暖过冬。

HBIS has formulated Implementation Plan of HBIS for Assisting Laiyuan County in Post-Disaster Reconstruction to facilitate the post-disaster reconstruction for Laiyuan County. The Group has successively donated RMB29 million in cash and mechanical equipment worth RMB1 million for the post-disaster reconstruction of the Laiyuan County. RMB1.3 million was used to assist in the post-disaster restoration and reconstruction of the three assisted villages in Laiyuan County, and cotton-padded clothes worth RMB300,000 were donated to ensure the 632 villagers over 60 years old in the three villages assisted by the Group could have a warm winter.

巩固产业帮扶

Consolidating Industry-Based Assistance

2023年，河钢集团巩固利用捐赠帮扶资金已建成的涞源县种植养殖等产业项目，因地制宜，创建新的效益增长点，新建蒲公英种植、杂粮加工等8个惠民产业，有效增加村集体收入、村民增收。

In 2023, HBIS consolidated the use of donated assistance funds for the established planting, breeding and other industrial projects in Laiyuan County. The Group has adjusted measures to local conditions and created new growth points. Eight new industries which can benefit the people, including dandelion planting and grain processing, have been newly established, able to effectively increase the collective income of villages and the personal income of villagers.

河钢集团以产业带动就业，扎实推进安排就业、引导就业和培训助力就业的工作，2023年，集团举办各种职业技能培训班40期，已安排、引导1,241人就业。

HBIS uses industry to drive employment and solidly promotes the work of employment arrangement, employment guidance, and related training to support local employment. The Group held 40 vocational skill training sessions of various types in 2023, helping 1,241 people find jobs.

开展消费帮扶

Conducting Consumption-Based Assistance

河钢集团坚持“党支部+合作社+脱贫户+消费扶贫”和“龙头企业+扶贫车间+脱贫户+消费扶贫”的河钢特色消费帮扶模式，通过消费帮扶，采购帮销帮扶县、帮扶村农副产品，促进村民增收。2023年，河钢集团及相关子公司直接采购脱贫地区农副产品255万元，帮销1,514万元。

Adhering to the featured consumption-based assistance patterns of "Party branch + cooperative + household lifted out of poverty + consumption-based poverty alleviation" and "leading enterprise + poverty alleviation workshop + household lifted out of poverty + consumption-based poverty alleviation," HBIS has promoted the villagers' income increase by offering consumption-based assistance and providing procurement assistance and sales assistance for the assisted villages and their agricultural and sideline products. In 2023, HBIS and its relevant subsidiaries directly purchased RMB2.55 million of agricultural and sideline products from the poverty-stricken areas and helped sell the products worth RMB15.14 million.



“铁亿”平台农产品专区
Special page of agricultural products on "Tie Tie Mall" platform

建设和美乡村

Building a Harmonious and Beautiful Countryside

河钢集团从环境治理入手，打造绿色生态宜居和美乡村，帮助15个定点帮扶村完成房屋修缮397间、文化广场6,220平米，村卫生室改建130平米、村民活动室1,160平米；加强精神文明建设，提升文化振兴水平，开展“五美”评选活动，驻留家庄村工作队成功举办涞源县首届“河钢杯”乡村振兴篮球赛和留家庄第四届文化节。

Starting from environmental governance, HBIS has strived to create green, ecological, livable and beautiful countryside. The Group has helped 15 villages for paired assistance repair 397 houses, construct cultural squares of 6,220 square meters, rebuild village clinics of 130 square meters and reconstruct activity rooms of 1,160 square meters for villagers. The Group has also strengthened the construction of spiritual civilization, advanced cultural revitalization, and carried out the beautiful homeland activity. The working team stationed in Liujiazhuang Village successfully held the 1st "HBIS Cup" Village BA Basketball Tournament of Laiyuan County and the 4th Rural Revitalization Cultural Festival of Liujiazhuang Village.



涞源县首届村 BA 篮球赛
The 1st Village BA Basketball Tournament of Laiyuan County



留家庄村第四届乡村振兴文化节
The 4th Rural Revitalization Cultural Festival of Liujiazhuang Village

热心公益事业 Participating in Public Welfare Undertakings

河钢集团热心公益事业，坚持企业和社区共同发展，充分发挥自身资源优势，深入社区开展“金秋助学”“无偿献血”“爱老敬老”等一系列公益活动，用实际行动回馈社会关切，努力与社会建立公开、真诚、和谐的关系。2023年，河钢集团注册志愿者9,510人，共13,076人次参与志愿活动，时长达29,928小时。

Adhering to joint development of the enterprise and the community, HBIS has given full play to its resource advantages to carry out a series of public welfare activities in the community such as "Educational Assistance in Golden Autumn," "Voluntary Blood Donation," and "Loving and Respecting the Elderly," giving back to the society with practical actions and striving to establish an open, sincere and harmonious relationship with the community. In 2023, HBIS had 9,510 registered volunteers and 13,076 participants in volunteer activities, with a total service time of 29,928 hours.



志愿者活动
Volunteer service activity



河钢集团为少保中心献爱心
HBIS donated materials to Shijiazhuang Child and Adolescent Protection Center



铁亿平台开展“‘亿’起献爱心”助学公益活动
The Iron Billion platform conducts educational assistance activity



河钢矿业走进幼儿园传递雷锋精神
HBIS Mining carries out the activity of "Learning from Lei Feng" in a nearby kindergarten



承德钒钛员工积极无偿献血
Employees from Chengde Vanadium Titanium conducts voluntary blood donation activity



公司治理 Corporate Governance

河钢集团把党的领导融入公司治理各环节，不断加强董事会建设，助力构建现代化、国际化、市场化的公司治理体系；始终秉承诚信合规经营理念，构建以“流程+清单”为驱动的法律合规大风控管理模式，推动合规管理各项工作再上新台阶，实现组织更加健全、制度更加完善，运行机制更加顺畅、风险防控工作更加有效，切实为集团高质量发展提供了有效的合规支撑。

HBIS has integrated the Party's leadership into various links of corporate governance, and constantly strengthened the establishment of the boards of directors, facilitating the development of a modern, internationalized and market-oriented corporate governance system. Insisting on the concept of integrity and compliance management, HBIS has built a legal compliance risk control and management model driven by "process + checklist," promoting compliance management to a new level. The organizational structure has been further refined, the systems have been further improved, the operating mechanisms have been further optimized, and the risk prevention and control has been further enhanced. Those efforts have provided effective compliance support for the Group's high-quality development.

● 完善公司治理 Improving Corporate Governance

河钢集团坚持加强党的领导和完善公司治理相统一，不断健全中国特色现代国有企业制度，加强董事会建设运行全过程管理，强化风险管控和机制体制建设，持续提升治理效能。

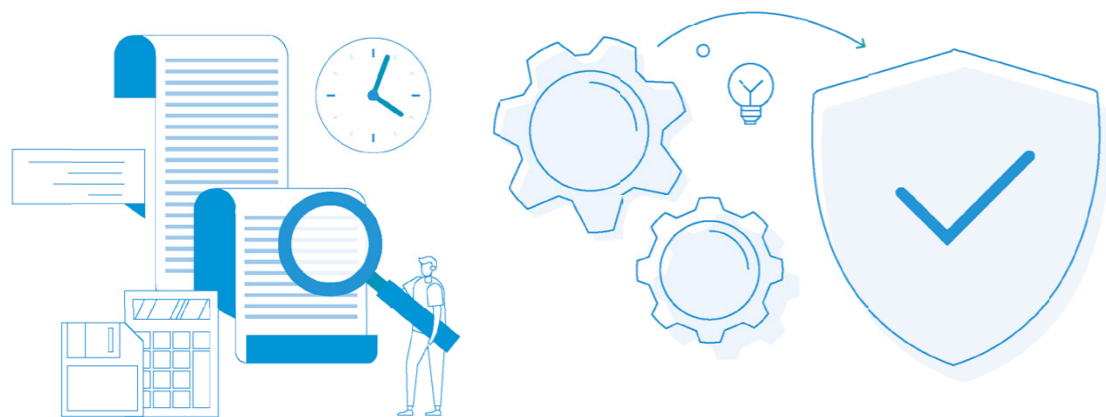
Insisting on balancing the endeavor to strengthen the Party's leadership and that to improve corporate governance, HBIS has continued to improve the modern SOE system with Chinese characteristics, enhanced the whole-process management of the establishment and operation of the board of directors, strengthened risk management and control, promoted the development of systems and mechanisms, and constantly improved governance efficiency.

● 完善治理机制

Refining Governance
Mechanism

河钢集团严格贯彻落实“两个一以贯之”要求，进一步厘清党组织、董事会、经理层的权责关系，持续完善“三重一大”决策体系和分类授权、差异施策及风险防范机制，健全完善“权责法定、权责透明、协调运转、有效制衡”的公司治理机制，筑牢科学决策根基。

HBIS has strictly implemented the requirements of the "two policies of consistency" to further clarify the boundaries of rights and responsibilities of Party organizations, boards of directors, and the management, and constantly improved the decision-making system on major issues, important appointments and removals, major projects and the use of large amounts of money, as well as the mechanisms for classified authorization, for differential policy-making, and for risk prevention and control. HBIS has further refined the corporate governance mechanism featuring statutorily-defined and transparent rights and responsibilities, coordinated operations, and effective checks and balances, laying a solid foundation for scientific decision-making.



● 董事会建设

Establishing Board of
Directors

河钢集团董事会由9名董事组成，其中外部董事5名，董事会成员专业结构合理多元，具备财务金融、风险管控、科研技术等领域的丰富经验和专业知识，具备较强的战略研究和经营决策能力；集团董事会下设战略与投资委员会、薪酬与考核委员会、审计与风险委员会三个专门委员会，为董事会运行、决策提供咨询意见和建议；集团各级子企业董事会根据经营发展情况合理确定董事会规模，实现董事会应建尽建。2023年，董事会召开12次会议。

The board of directors of HBIS consists of nine directors, including five outside directors. The board members have reasonable and diversified professional backgrounds, with rich experience and specialized knowledge in the fields of finance, risk management and control, scientific research, and technology, as well as strong strategic research and operational decision-making capabilities. The board has three special committees, that is, Strategy and Investment Committee, Remuneration and Appraisal Committee, Audit and Risk Committee, which provide advice and suggestions for the operation and decision-making of the board. The boards of directors of the Group's subsidiaries at all levels reasonably determine the size of the boards in accordance with the business development situation. All of its subsidiaries have established their own board of directors, as needed. In 2023, the Group's board of directors held 12 meetings in total.

● 强化合规管理 Strengthening Compliance Management

河钢集团始终秉承诚信合规经营理念，坚持以“七个关键、七个到位”为抓手，推动合规管理各项工作再上新台阶，构建以“流程+清单”为驱动的法律合规大风控管理模式，实现组织更加健全、制度更加完善，运行机制更加顺畅、风险防控工作更加有效，员工合规和风险意识更加牢固，切实为集团高质量发展提供了有效的合规支撑。

Insisting on the integrity and compliance management philosophy, HBIS has always taken the "seven key points and seven effective implementations" as the leverage to promote compliance management to a new level. HBIS has built a legal compliance risk control and management model driven by "process + checklist" to further refine organizational structure, improve systems, optimize operating mechanisms, enhance risk prevention and control, and raise compliance and risk consciousness among employees. Those efforts have provided effective compliance support for the Group's high-quality development.

● 优化体制机制

Optimizing Systems and
Mechanisms

河钢集团制定《2023年合规管理重点工作安排》，着力做好合规组织、合规审查、“三张”清单等七项重点工作；修订《河钢集团合规管理办法》，不断完善制度建设；印发《所属子企业合规管理评审实施细则》，促进合规评审长效开展；建立重大项目合规审查台账，并定期对审查情况开展后评估，形成闭环管理，实现动态化跟踪审查项目。2023年，集团实现规章制度、经济合同、重要决策法律审核率100%。

HBIS has formulated the *Key Work Arrangements for Compliance Management in 2023*, focusing on seven key tasks including compliance organization, compliance review, and "three" lists; revised the *Measures for Compliance Management of HBIS* to step up institution building; printed and issued the *Implementation Rules for Compliance Management Review of Affiliated Subsidiaries* to facilitate long-term compliance review; and, worked toward the establishment of a detailed record for compliance review of major projects, and regularly conducted post-assessment of the compliance review, forming a closed-loop management and realizing dynamic tracking of the projects under compliance review. In 2023, the legal review rate of the Group's rules and regulations, economic contracts, and major decisions reached 100 percent.



牢固合规意识

Enhancing Compliance
Consciousness

河钢集团组织开展内控理念与实践、销售业务专项合规等专项培训。2023年，组织守法合规培训271次，覆盖培训人员6.46万人次；组织部分省属国有企业和集团主要子公司就合规管理工作进行交流研讨，确保合规宣传贯彻到位。

HBIS has organized special training programs on, among others, internal control concepts and practices, and specialized compliance for sales. In 2023, the Group organized 271 training sessions on legal compliance, and the number of participants reached 64,600 person-times. It also organized some state-owned enterprises in Hebei Province and major subsidiaries of the Group to conduct exchanges and discussions on compliance management to ensure that compliance publicity is fully implemented.



组织守法合规培训

271 次

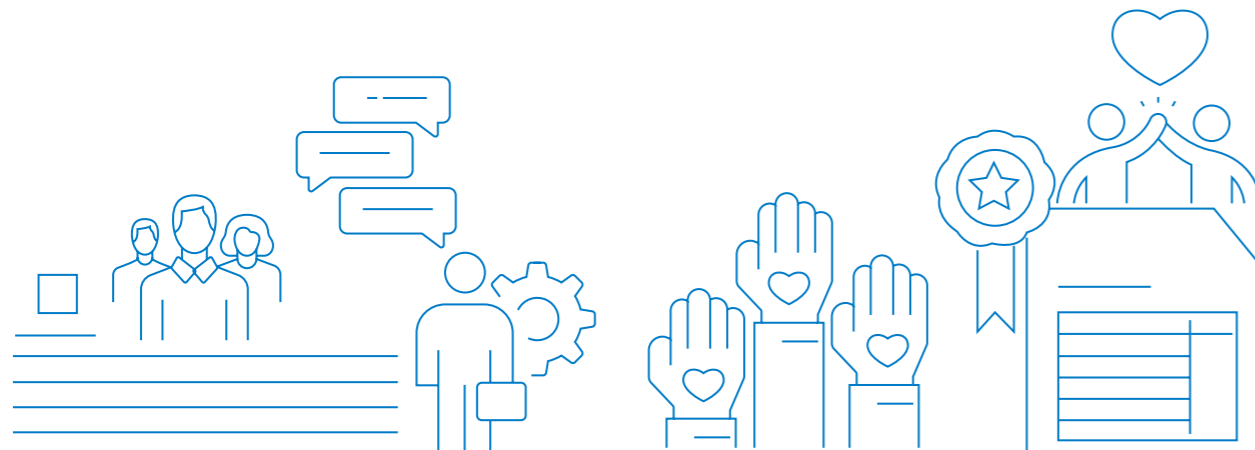
organized 271 training sessions
on legal compliance



覆盖培训人员

6.46 万人次

the number of participants
reached 64,600 person-times



建设法治队伍

Building Legal Team

河钢集团印发《关于印发进一步深化法治河钢建设实施方案（2023—2025）的通知》《关于加强法治人才队伍建设的实施意见》等系列文件，着力打造总法律顾问领军的多层级、专业型、复合型法治人才梯队，加强公司律师人才申报和培养。2023年，集团法治合规大风控专兼职人员近千人。

HBIS has printed and issued a series of documents including the *Notice on the Issuance of the Implementation Plan for Further Deepening Law-Based Corporate Governance in HBIS (2023-2025)* and the *Implementation Opinions on Strengthening the Building of Legal Talent Team*. Special efforts have been made to build a multi-level, professional and cross-disciplinary legal talent echelon led by the general counsel, to strengthen the cultivation of legal talent team, and to support high-caliber personnel to apply appropriate talent programs. In 2023, the Group had nearly 1,000 full-time and part-time personnel for legal compliance and total risk control.

强化风险防控

Strengthening Risk Control

河钢集团制定《2023年常态化风险隐患排查化解工作方案》《重大经营风险事件报告工作规则》《重大决策社会稳定风险评估工作总体方案》《2023年风险管理考核细则》等制度，落实考核责任，切实增强决策科学性；细化流程中的关键管控节点等，形成《风险清单》《关键流程管控清单》；开展境外企业管理评审，梳理集团境外企业合规风险清单；充分利用风险信息管理系统，组织各子分公司开展风险隐患排查，有效防范化解集团重大风险。

HBIS has formulated several rules and regulations including the *Work Plan for Preventing and Resolving Hidden Risks on a Regular Basis in 2023*, *Working Rules for Reporting Major Business Risk Events*, *Overall Plan for Social Stability Risk Assessment of Major Decisions*, and *Assessment Rules for Risk Management in 2023* to implement the assessment responsibilities and effectively enhance scientific decision-making; conducted management review of the overseas affiliated enterprises of the Group and sorted out the compliance risk list of those enterprises; and, made full use of the risk information management system, and organized subsidiaries and branches to carry out hidden risk investigation, effectively preventing and resolving the Group's major risks.



责任管理 Responsibility Management

河钢集团牢记“国之大者”，通过绿色钢铁创造更可持续的美好未来的责任理念引领，健全社会责任组织架构，将可持续发展贯穿到河钢企业发展战略与日常经营活动中，以责任融合推动负责任运营，以责任沟通拓宽交流渠道。河钢集团连续发布责任报告，充分回应利益相关方诉求，积极推动全产业链ESG生态圈建设，与伙伴同行共进，与时代同频共振。

Bearing in mind the country's most fundamental interests, HBIS, under the guidance of its responsibility concept of green steel creates a more sustainable and better future, has refined the organizational structure for social responsibility, and integrated the idea of sustainable development into corporate development strategies and day-to-day business activities, thus promoting responsible operations through responsible integration, and broadening communication channels through responsible communication. HBIS has released the social responsibility report successively, fully responded to the demands of stakeholders, and actively promoted the construction of ESG ecosystem for the whole industry chain. In cooperation with partners, HBIS has made great progress in the new era.

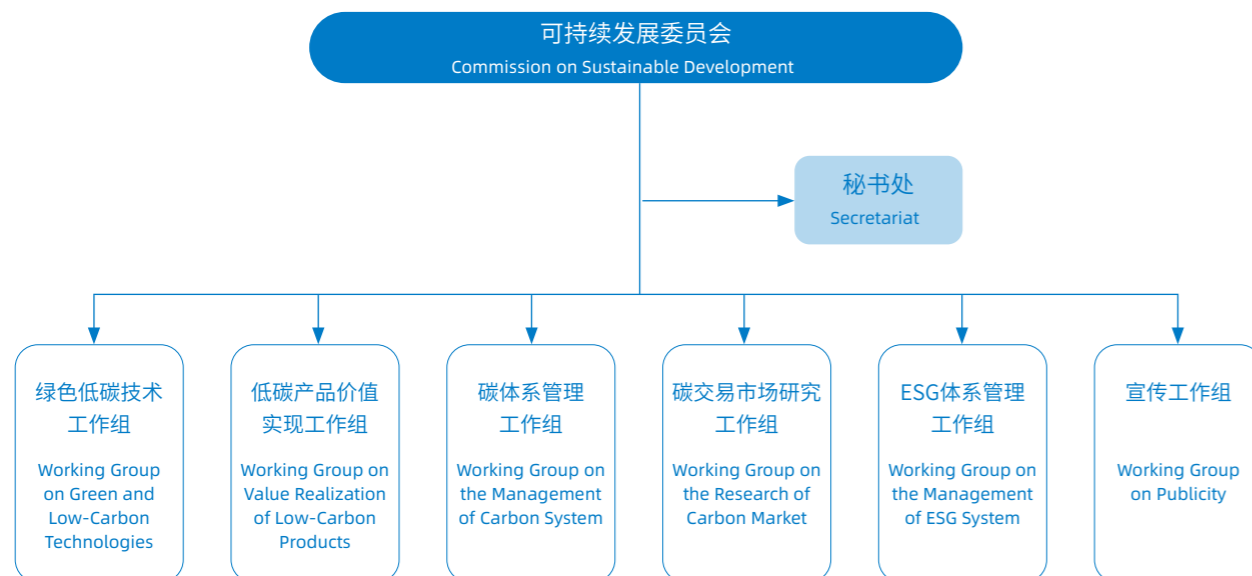
责任组织 Responsibility Organization

责任治理

Responsibility Governance

河钢集团通过制定并下发社会责任、ESG管理制度，持续优化责任组织体系，建立ESG指标体系，明确社会责任工作方向，推进各项社会责任工作有序、高效开展。2023年，河钢集团成立可持续发展委员会，负责集团可持续发展战略的决策支持、决策执行和日常事务管理，统筹管理集团绿色低碳、社会责任、ESG体系建设等相关工作，确保各项工作有效落实。

Through formulating and issuing management rules and regulations on CRS and ESG, HBIS has constantly optimized the organizational system on social responsibility, developed an ESG indicator system, clarified the working efforts for social responsibility performance, and promoted the orderly and efficient implementation of all social responsibility work. In 2023, HBIS established a commission on sustainable development, which is responsible for the decision-making support, implementation of decisions and day-to-day management of the Group's sustainable development strategy, as well as the overall management of the Group's work relating to green and low carbon initiatives, social responsibility, and development of ESG system, to ensure the effective implementation of various work.



责任理念

Responsibility Concept

生态优先，绿色发展
Prioritizing Eco-Environmental Conservation and Pursuing Green Development

构建六位一体的绿色发展总体布局，始终成为中国钢铁工业绿色低碳发展的引领者。

Constructing a six-in-one overall layout of green development and always being the leader in green and low-carbon development of China's steel industry.



关爱员工
Enhancing Employee Care

员工是企业不可复制的竞争力，让员工成为“本地区最受尊敬的企业员工”。

Employees are an unrepeatable competitiveness of an enterprise, so it is a must to make employees "the most respected employees in the region."



回馈社会
Contributing to the Society

作为企业公民，积极回馈社会，热心公益事业。

Taking the initiative to contribute to the society and public welfare undertakings as a corporate citizen.

责任制度

Responsibility Systems

制度分类 Category	主要制度名称 Major Rules and Regulations
 环境 Environmental	<ul style="list-style-type: none"> 《河钢集团环境保护管理办法》《环境保护责任制》《环保专项考核办法》《环保问责管理办法》 <i>Administrative Measures of HBIS for Environmental Protection, Accountability System for Environmental Protection, Special Measures for the Assessment of Environmental Protection, and Administrative Measures for Environmental Protection Accountability</i>
 社会 Social	<ul style="list-style-type: none"> 《劳动用工合规管理指南》 <i>Guide to the Management of Labor Relations and Employment Compliance</i> 《供应商管理办法》《供应商行为准则》 <i>Measures for the Management of Suppliers and Code of Conduct for Suppliers</i> 《捐赠管理办法》 <i>Administrative Measures for Donations</i> 《安全生产责任制度》《职业健康管理制度》《安全生产教育培训管理制度》《安全生产考核办法》 <i>Work Safety Accountability System, Occupational Health Management System, Work Safety Education and Training Management System, and Measures for the Assessment of Work Safety</i>
 治理 Governance	<ul style="list-style-type: none"> 《合规管理办法》《合规管理指南》《诚信合规手册》 <i>Measures for Compliance Management, Guide to the Management of Compliance, and Integrity and Compliance Manual</i> 《社会责任管理办法》 <i>Measures for the Management of Corporate Social Responsibility</i>

责任沟通 Responsibility Communication

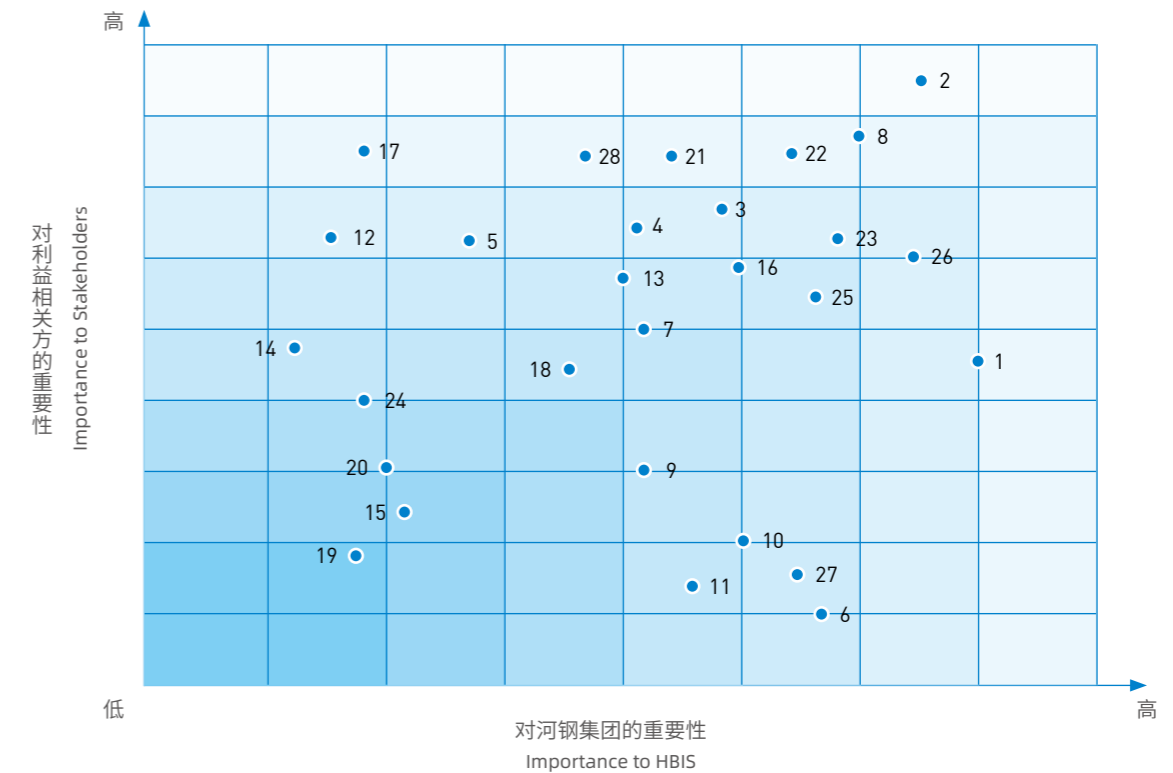
实质性议题识别

Identification of Material Issues

河钢集团科学高效开展可持续发展议题识别和评估流程，首先基于国家宏观政策导向、国内外社会责任标准、战略规划、国内外能源行业与钢铁行业社会责任议题关注点、社会舆论关注焦点等多种渠道，识别对公司具有重大意义的关键性议题以及钢铁行业关注的重点议题，并通过利益相关方问卷调研、议题分析及审阅，梳理出28项可持续发展关键议题，最终形成议题重要性矩阵，以回应利益相关方诉求。

HBIS carries out the identification and assessment process of sustainable development issues in a scientific and efficient manner. Based on multiple channels such as national macro-policy orientation, domestic and international social responsibility standards, strategic planning, social responsibility issues concerned by domestic and international energy industry and steel industry, and concerns of public opinion, HBIS has identified key issues of great significance to the Group and material issues of concern to the steel industry. And then, through stakeholder questionnaire survey, and issue analysis and review, HBIS has sorted out 28 key sustainable development issues and finally formed an issue matrix according to their importance to respond to the demands of stakeholders.

河钢集团 2023 年可持续发展报告实质性议题分析
Analysis of Substantive Issues of HBIS Group Sustainability Report 2023



- | | | | |
|--|--|---|---|
| 1. 安全生产
1. Work safety | 8. 推出高端产品
8. Launching high-quality products | 15. 可持续发展管理
15. Sustainable development management | 22. 提升服务水平
22. Improving service level |
| 2. 保证产品质量
2. Ensuring product quality | 9. 推动行业发展
9. Promoting industry development | 16. 职业健康
16. Occupational health | 23. 优化公司治理
23. Optimizing corporate governance |
| 3. 减少“三废”排放
3. Reducing wastewater, waste gases and solid waste | 10. 员工权益保护
10. Protecting rights and interests of employees | 17. 助力乡村振兴
17. Facilitating rural revitalization | 24. 共建“一带一路”
24. Joint Development of the Belt and Road |
| 4. 节约能源资源
4. Saving energy and resources | 11. 员工职业发展
11. Fostering career development of employee's | 18. 战略共享机制和平台
18. Strategic sharing mechanism and platform | 25. 生物多样性保护
25. Biodiversity protection |
| 5. 坚持创新驱动
5. Insisting on innovation-driven development | 12. 开展公益服务
12. Conducting public welfare programs | 19. 供应链责任
19. Supply chain responsibilities | 26. 数字化转型
26. Digital transformation |
| 6. 坚持党建引领
6. Adhering to the guidance of Party building | 13. 合规运营
13. Enhancing compliance management | 20. 知识产权管理
20. IPRs management | 27. 员工关怀
27. Employee care |
| 7. 反腐败
7. Anti-corruption | 14. 助力社区发展
14. Facilitating community development | 21. 风险管理
21. Risk management | 28. 响应“双碳”目标
28. Responding to the goals of carbon peaking and carbon neutrality |

利益相关方沟通

Communication with Stakeholders

河钢集团坚持与利益相关方进行真诚互动与友好交流，不断创新沟通机制、丰富沟通形式，用心倾听社会各界声音，确保准确识别、全面了解、精准回应利益相关方不断更新的诉求，以责任沟通传播责任理念、塑造责任形象。

HBIS insists on conducting sincere interaction and friendly exchanges with stakeholders, and constantly innovates the communication mechanism, enriches the forms of communication. The Group listens to the voices of all walks of life to ensure that it accurately identifies, comprehensively understands, and accurately responds to the updated demands of stakeholders. Through responsible exchanges and communication, the Group disseminates the responsibility concept and shapes a responsible corporate image.

社会责任沟通 Social responsibility communication	“1+2+3” 报告体系 “1+2+3” reporting system	<ul style="list-style-type: none"> 《河钢集团 2023 可持续发展报告》 HBIS Group Sustainability Report 2023 《河钢集团 2023 绿色低碳发展报告》 HBIS Group Low-Carbon Development Report 2023 《河钢集团 “一带一路” 海外履责报告》 HBIS Group Belt and Road Social Responsibility Report 《河钢股份 2023 环境、社会及公司治理报告》 HBIS Limited ESG Report 2023 《河钢资源 2023 环境、社会及管治 (ESG) 报告》 HBIS Resources ESG Report 2023 《财达证券 2023 社会责任暨 ESG 报告》 Caida Securities CSR & ESG Report 2023  <p>河钢集团 1+N+M 报告发布矩阵 “1+N+M” report release matrix of HBIS</p>
	海外报告 Overseas reports	<ul style="list-style-type: none"> 《HBIS SERBIA CSR Report》 HBIS Serbia CSR Report 《DITH SUSTAINABILITY Report》 DITH Sustainability Report
	互联网平台 Internet platforms	<ul style="list-style-type: none"> 河钢集团官方微博“河钢集团官微” Official Weibo account of HBIS 河钢集团官方微信 Official WeChat account of HBIS 青春河钢官方微信 Official WeChat account of the CYLC of HBIS 河钢集团官方网站: https://www.hbisco.com/ Official website of HBIS: https://www.hbisco.com/

责任实践 Responsibility Practices

2023年，河钢集团积极践行可持续发展承诺，通过编制并发布中英双语可持续发展报告、举办可持续发展报告编制启动会、开展并参与社会责任培训、参与社会责任领域相关研究等举措，将社会责任理念融入管理全过程，助力河钢集团绿色低碳转型，彰显国企担当。

In 2023, HBIS actively fulfilled its commitments to sustainable development, and integrated the concept of social responsibility into the whole process of corporate management by, among others, preparing and releasing a bilingual sustainability report in Chinese and English, holding a kick-off meeting for the preparation of the sustainability report, conducting and participating in social responsibility trainings, and taking part in relevant research in the field of social responsibility. Those efforts facilitated the green and low-carbon transformation of the Group and demonstrated its sense of duty as a responsible SOE.

- 自2008年编制发布第一份社会责任报告，已连续十六年编制发布责任报告，且2022年可持续发展报告首次获得专家委员会五星级评价。
HBIS has prepared and released social responsibility reports for 16 consecutive years since the first of its kind prepared and released in 2008. For the first time, the *HBIS Group Sustainability Report 2022* was recognized as a five-star report by the Chinese Expert Committee on CSR Report Rating.
- 鼓励河钢股份、河钢资源、财达证券三家上市公司编制并发布ESG报告，上市公司报告发布实现全覆盖。
HBIS has encouraged the three listed companies of HBIS Limited, HBIS Resources and Caida Securities to prepare and release the ESG report, realizing that all of its listed companies have prepared and released the ESG report.
- 召开2023年度可持续发展报告编制项目启动培训会，邀请社会责任领域专家对社会责任及ESG方面进行细致讲解；参加河北省国资委举办的社会责任/ESG工作培训。
HBIS held a training session to kick off the project of preparing the Sustainability Report 2023, and invited experts in the field of social responsibility to give a detailed interpretation on CSR and ESG. It also participated in the training program on CSR/ESG work organized by the State-owned Assets Supervision and Administration Commission of the People's Government of Hebei Province.



河钢塞钢入选《“一带一路” ESG 行动报告》典型案例

A case of HBIS Serbia is selected into the *Belt and Road ESG Action Report* as a typical case

河钢集团社会责任优秀案例

Excellent Cases of Social Responsibility of HBIS



河钢集团入选“国有企业社会责任·先锋100指数(2023)”榜单第三位
HBIS ranks No. 3 in the CSR Pioneer 100 Index of State-owned Enterprises



河钢集团入选中国年度 ESG 卓越实践
HBIS is selected into China's Best ESG Practice Cases of 2023



河钢集团入选《国资国企社会责任蓝皮书(2023)》“绿色低碳篇”优秀案例

A case of HBIS is selected into the Research Report on Corporate Social Responsibility of Local SASAC and Local State-owned Enterprises (2023) as an excellent case in the Green and Low-Carbon Category

单位 Unit	案例类别 Case category	案例名称 Title of case
集团资产财务部 Assets and Finance Department of HBIS	绿色低碳 Green and low-carbon practice	创新实践绿色金融，擘画银企高质量合作新篇章 Writing a new chapter of high-quality cooperation between the bank and the enterprise with innovative green finance
河钢数字 HBIS Digital Tech	绿色低碳 Green and low-carbon practice	WisCarbon 碳中和数字化平台助力“双碳”目标实现 WisCarbon digital platform for carbon neutrality facilitates the realization of "carbon peaking and carbon neutrality" goals
河钢采购 HBIS Purchasing	绿色低碳 Green and low-carbon practice	持续推进绿色可持续采购供应链建设 Continue to promote the development of a green and sustainable supply chain for procurement
唐钢公司 Tangsteel Company	科技创新 S&T innovation	打造钢铁企业数字化转型标杆 Create a benchmark for the digital transformation of steel enterprises
唐钢公司 Tangsteel Company	科技创新 S&T innovation	始终坚持自主科技创新推动企业高质量发展 Always adhere to independent S&T innovation and promote high-quality development of the enterprise
邯钢公司 Hansteel Company	科技创新 S&T innovation	研发费用归集核算体系的构建与实践 Construction and practice of R&D expense pooling and accounting system
河钢材料院 HBIS Materials Institute	科技创新 S&T innovation	科技创新填补高钢级 SEW 套管国内空白 S&T innovation fills the domestic gap of high-grade SEW casing steel
集团人力资源部 Human Resources Department of HBIS	公司治理 Corporate Governance	推动机制变革激发科技创新元素活力 Promote institutional changes and energize the elements of S&T innovation
财达证券 Caida Securities	公司治理 Corporate Governance	健全责任管理体系，推动企业可持续高质量发展 Improve responsibility management system and promote sustainable and high-quality development of the enterprise
邯钢公司 Hansteel Company	乡村振兴 Rural revitalization	创新“五抓一创”机制 巩固脱贫攻坚成果 Consolidate the achievements of poverty eradication with effective systems and mechanism

未来展望

Future Prospect

2024年是实现“十四五”规划目标任务至关重要的一年，也是河钢集团区位调整全面收官、以决战决胜姿态加快转型升级和高质量发展的攻坚之年。

我们将坚持以习近平新时代中国特色社会主义思想为指导，深刻领会习近平总书记关于推动高质量发展的重要论述和中央经济工作会议精神，深入贯彻河北省钢铁企业高质量发展座谈会精神，认真落实各项战略部署，坚持以经济效益为中心，强化科技创新驱动，加强全面预算管理，加快释放区位调整的潜能和优势，深度对接市场和客户，深化同类业务归集和结构性重组，加强资源再配置、再协同，充分释放存量资产效能，全面提升核心竞争力，不断开创集团经营改革发展的新局面。

砥砺前行新征程，笃行不怠向未来。河钢集团高质量发展的战略更加清晰、目标更加高远、责任更加重大，我们将统一思想、坚定信心、开拓进取，在奋力谱写中国式现代化建设河北篇章中担当河钢角色、作出河钢新的更大贡献。

The year 2024 is critical for achieving the objectives and tasks laid down in the 14th Five-Year Plan. It is also a decisive year for HBIS to comprehensive complete location adjustment, to accelerate transformation and upgrading, and to achieve high-quality development.

Guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, we will study and achieve a deep understanding of the spirit of General Secretary Xi Jinping's important discourses on promoting high-quality development and the spirit of the Central Economic Work Conference, implemented the spirit of the Symposium on High-Quality Development of Steel Enterprises in Hebei Province in a deep-going way, and earnestly carried out various strategic plans. Insisting on pursuing economic efficiency as our central task, we will give full play to the role of innovation in science and technology in driving development, enhance total budget management, and accelerate the release of the potential and advantages of location adjustment. Focusing on market and customers, we will deepen the aggregation and structural reorganization of similar businesses, promote re-allocation of resources and re-collaboration of businesses, fully unleash the efficiency of existing assets, and comprehensively improve core competitiveness, striving to open up new prospects for the Group's operation, reform and development.

We will forge ahead on a new journey and work tirelessly to create a better future. Bearing in mind the clear strategies, the ambitious objectives, and the great weight of responsibilities for high-quality development in mind, we will unite in thought, be confident, and work with a pioneering and dauntless spirit to make even greater contributions to Chinese modernization and to write a brilliant chapter for Hebei Province on this new journey.

附录 Appendix

报告说明

About the Report

本报告是河钢集团有限公司（简称“河钢集团”“河钢”“集团”“我们”）发布的第16份社会责任报告，披露了河钢集团及所属单位在可持续发展方面的履责绩效。

The Report is the 16th social responsibility report released by HBIS Group Co., Ltd. (referred to as “HBIS Group” “HBIS” “the Group” and “We”), which discloses the performance of HBIS Group and its subsidiaries in sustainability.

报告主体

Reporting Entity

河钢集团有限公司及其所属单位
HBIS Group Co. Ltd. and its subsidiaries.

时间范围

Reporting Period

2023年1月1日—2023年12月31日。考虑到披露信息的连续性或可比性，部分信息内容在披露时间上向前或向后适当延伸。

From January 1, 2023 to December 31, 2023. Considering the continuity and comparability of the disclosed information, some contents disclosed in the Report occurred before or after the time range.

信息来源

Information Sources

本报告所使用的信息及数据均来自集团的正式文件和统计报告。报告的财务数据以人民币为单位，特别说明除外。

The information and data used in the Report come from the official documents and statistical reports of the Group. Unless otherwise specified, all the financial data herein is stated in RMB.

编写标准

Reference Standards

本报告参照国际标准化组织《ISO26000：社会责任指南（2010）》、联合国可持续发展目标SDGs、中国社会科学院《中国企业社会责任报告指南（CASS-CSR 4.0）》、全球报告倡议组织（GRI）可持续发展报告标准、《中国工业企业及工业协会社会责任指南》（GSRI-CHINA 2.0）及《实施手册》编写。

The Report is prepared with reference to the various guidelines and standards, including *ISO26000: Guidance on Social Responsibility (2010)* issued by the International Organization for Standardization, the Sustainable Development Goals (SDGs) set by the United Nations, the *Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR 4.0)* issued by the Chinese Academy of Social Sciences, the *Sustainability Reporting Standards* of the Global Reporting Initiative (GRI), the *Guide on Social Responsibility for Chinese Industrial Enterprises and Industry Associations (GSRI-CHINA 2.0)* and the *Implementation Manual*.

编制流程

Preparation Process

实施报告全生命周期管理，从河钢集团及所属单位在可持续发展方面的履责绩效分析、报告框架构建、素材收集、报告编制、报告设计、意见征求、报告修订、领导审定等步骤，确保报告信息客观、规范、诚信、透明。

We have implemented the full life cycle management of the Report and ensured that information in the Report is objective, standardized, honest and transparent from such steps as performance analysis of HBIS Group and its subsidiaries in terms of sustainability, construction of reporting framework, material collection, preparation, design, solicitation of opinions, revision and approval by corporate leaders.

联系方式

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质量保证

Quality Assurance

本报告发布前所有数据和内容已通过集团管理层审核，并承诺本报告内容不存在任何虚假记载、误导性陈述和重大遗漏，对本报告中相关数据的客观性和真实性负责。

Before the release of the Report, all data and contents have been reviewed by the management of the Group. And we promise that there are no false records, misleading statements, or major omissions in the contents of the Report. We take responsibility for the objectivity and authenticity of the relevant data in the Report.

报告获取

Report Access

您可以通过以下方式获取河钢集团有限公司更多社会责任资讯，或下载本报告电子文本。河钢集团官网：www.hbisco.com

For more information about the social responsibility performance of HBIS Group Co., Ltd. or to download the electronic version of the Report, please log on to the official website of HBIS Group at www.hbisco.com.



关键绩效

Key Performance Indicators

指标名称 Indicator	单位 Unit	2021	2022	2023
粗钢产量 Crude steel output	万吨 10,000 tons	4,164	4,100	4,134
生铁产量 Output of pig iron	万吨 10,000 tons	3,340	3,480	3,567
产值 Output value	万元 RMB10,000	36,315,220	31,966,513	30,947,764
总资产 Total assets	亿元 RMB100 million	5,086	5,396	5,456
营业收入 Operating revenue	亿元 RMB100 million	4,267	4,007	4,016
利税 Profits and taxes	亿元 RMB100 million	243	176	149
社会贡献总额 Total amount of social contribution	亿元 RMB100 million	549.32	505.27	455.75
社会贡献率 Social contribution rate	%	11.05	9.64	8.40
所有者权益 Owner's equity	万元 RMB10,000	13,235,423	13,721,699	13,677,014
国有资产保值增值率 Ratio of maintenance and appreciation of state-owned assets	%	102.48	100.46	100.02
产品出厂合格率 Product ex-factory pass rate	%	100	100	100
研究开发人员总数 Total number of scientific and technical personnel	人 Person	15,363	15,550	15,967
技术开发费用支出 Expenditure on technology development	万元 RMB10,000	637,522.27	789,530.03	1,015,495.63
研发投入占主营业务的比重 Proportion of R&D investment in main business	%	3.26	3.88	3.94
新增专利申请 New patent applications	件 Nos.	1,282	1,113	1,039
客户满意度 Customer satisfaction	%	95.10	94.50	95.00
客户投诉解决率 Customer complaint resolution rate	%	100	100	100
产品止损事件发生次数 Number of occurrences of product stop-loss events	次 Time	0	0	0

指标名称 Indicator	单位 Unit	2021	2022	2023
产品止损赔付总额 Total compensation for product stop-loss	万元 RMB10,000	0	0	0
供应商通过质量、环境和职业健康安全管理体系认证的比率 Rate of suppliers passing the certification of quality, environment and occupational health and safety management system	%	10	11	15
报告期内审查的供应商个数 Number of suppliers reviewed during the reporting period	个 Nos.	118	121	1,670
因为不合规被否决的潜在供应商数量 Number of potential suppliers rejected for non-compliance	个 Nos.	7	10	42
因为不合规被中止合作的供应商数量 Number of suppliers suspended for non-compliance	个 Nos.	31	12	36
供应商培训投入 Supplier training investment	万元 RMB 10,000	21	23	79
供应商培训人次 Number of suppliers receiving training	人次 Person-time	85	90	2,057
供应商培训时长 Supplier training hours	小时 Hour	38	40	3,322
纳税总额 Total tax payment	亿元 RMB100 million	166.03	142.95	124.74
报告期内吸纳就业人数 Number of people employed during the reporting period	人 Person	384	422	485
员工总数 Total number of employees	人 Person	103,637	99,807	97,802
女性员工数 Number of female employees	人 Person	15,683	14,411	14,604
劳动合同签订率 Signing rate of labor contracts	%	100	100	100
社会保险覆盖率 Social insurance coverage rate	%	100	100	100
本地化雇用比例 Local employment rate	%	99.81	99.80	99.80
员工培训投入 Investment in employee training	万元 RMB10,000	4,378.00	3,137.55	3,683.59
员工培训人次 Number of employees receiving training	人次 Person-time	286,661	253,390	332,739

指标名称 Indicator	单位 Unit	2021	2022	2023
守法合规培训人次 Number of people receiving legal compliance training	人次 Person-time	130,000	63,838	64,578
守法合规培训次数 Number of legal compliance training	次 Time	328	235	271
职业安全健康培训投入 Investment in occupational safety and health training	万元 RMB10,000	83.81	247.65	304.83
员工体检及健康档案覆盖率 Coverage of employee physical examination and health record	%	100	100	100
特种作业人员持证上岗率 Rate of special operations personnel with certificate for work	%	100	100	100
新员工三级安全教育率 Three-level safety education rate for new employees	%	100	100	100
百万工时伤害率 Injury rate per million man-hours	%	0.03	0.01	0.005
参加工会的员工比例 Proportion of employees participating in the trade union	%	100	100	100
应急演练次数 Number of emergency drills	次 Time	70	55	93
安全生产投入 Investment in work safety	万元 RMB10,000	52,180.90	54,490.85	62,851.03
安全生产培训覆盖率 Coverage rate of work safety training	%	100	100	100
员工工伤事故次数 Number of employee work-related accidents	次 Time	6	2	1
员工工伤事故伤害人数 Number of employees injured by work-related accidents	人 Person	6	2	1
员工死亡人数 Number of employee fatalities	人 Person	0	0	0
乡村振兴投入总额 Total investment in rural revitalization	万元 RMB10,000	270	257	3,652
环保总投资 Total investment in environmental protection	万元 RMB10,000	548,253	310,017	300,000
环保培训投入 Investment in environmental protection training	万元 RMB10,000	34.61	28.00	55.58

社会
指标Social
indicators

指标名称 Name of indicator	单位 Unit	2021	2022	2023
环保培训人次 Number of people receiving training on environmental protection	人次 Person-time	11,566	9,373	14,842
环保培训时长 Environmental protection training hours	小时 Hour	1,044	687	1,340.11
环保培训次数 Number of environmental protection training	次 Time	169	203	585
新建项目环评通过率 EIA pass rate for new projects	%	100	100	100
全年能源消耗总量 Total annual energy consumption	万吨标煤 10,000 tons of standard coal equivalent	1,976	1,908	2,029
万元产值综合能耗 Comprehensive energy consumption per RMB10,000 of output value	吨标煤 Ton of standard coal equivalent	0.92	0.54	0.66
万元增加值能耗 Energy consumption per RMB10,000 value added	吨标煤 Ton of standard coal equivalent	7.59	4.14	4.64
年度新鲜水用水量 Annual freshwater withdrawals	万吨 10,000 tons	8,930	8,740	8,581
单位工业增加值新鲜水耗 Freshwater consumption per unit industrial added value	万吨 10,000 tons	0.0034	0.0019	0.0020
废气污染物排放量 Waste discharge	吨 Ton	—	17,690.37	16,387.17
废水排放量 Wastewater discharge	吨 Ton	7,777,561	8,731,405	8,142,117
中水使用量 Reclaimed water consumption	万吨 10,000 tons	148,658	145,136	146,354
非化石能源量 Non-fossil energy consumption	万吨标煤 10,000 tons of standard coal equivalent	0.29	0.30	0.30
非化石能源比重 Proportion of non-fossil energy	%	0.01	0.02	0.01

环境
指标Environmental
indicators

注：2023 年度数据因统计口径发生变化而与往年数据差异明显。

Note: The data of 2023 is significantly different from previous years due to changes in statistical scope.

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评级报告

《河钢集团 2023 可持续发展报告》评级报告

受河钢集团委托，“中国企业社会责任报告评级专家委员会”抽选专家组成评级小组，对《河钢集团 2023 可持续发展报告》（以下简称《报告》）进行评级。

一、评级依据

中国社会科学院《中国企业社会责任报告指南（CASS-CSR 4.0）》暨“中国企业社会责任报告评级专家委员会”《中国企业社会责任报告评级标准（2020）》。

二、评级过程

1. 评级小组审核确认《报告》编写组提交的《企业社会责任报告过程性评估资料确认书》及相关证明材料；
2. 评级小组对《报告》编写过程及内容进行评价，拟定评级报告；
3. 评级专家委员会副主席、评级小组组长、评级小组专家共同签署评级报告。

三、评级结论

过程性 (★★★★★)

集团成立可持续发展委员会，负责集团可持续发展战略的决策支持、决策执行和日常事务管理，各关键部门工作联系人共同组成报告编制组，负责提供基础材料并审核相关内容，由集团管理层负责报告最终审定；将报告定位为提高可持续发展管理水平、合规信息披露、强化利益相关方沟通的重要工具，功能价值定位明确；计划以电子版、印刷品等形式呈现报告，过程性表现卓越。

实质性 (★★★★★)

《报告》系统披露了贯彻宏观政策、产品质量管理、产品创新、责任采购、职业健康管理、安全生产、环保技术和设备的研发与应用、发展循环经济等行业关键性议题，叙述详细充分，具有卓越的实质性表现。

完整性 (★★★★★)

《报告》主体内容从“钢铁 | 勇攀高质量发展高峰”“环境 | 强化绿色发展优势”“人 | 探寻和谐发展新路”等角度系统披露了所在行业核心指标的 90.20%，具有卓越的完整性表现。

平衡性 (★★★★★)

《报告》披露了“产品止损事件发生次数”“员工工伤事故伤害人数”“客户投诉解决率”等负面数据信息，并详细阐述党风廉政建设中信访举报和党纪政务处分情况，平衡性表现卓越。

可比性 (★★★★★)

《报告》披露了“生铁产量”“总资产”“纳税总额”“环保总投资”“安全生产培训覆盖率”等 69 个指标连续 3 年的对比数据，并通过“连续 15 年位列世界企业 500 强，2023 年居第 229 位”“2023 年‘亚洲品牌 500 强’第 138 位”等进行横向比较，可比性表现卓越。

可读性 (★★★★★)

《报告》延续“引领钢铁工业绿色低碳可持续发展”的主题，将集团“人、钢铁、环境和谐共生”的绿色发展理念融入章节标题，增强报告辨识度；章节页选用跨页履责实景图，凸显行业特色，并设置专业词汇解释和二维码延伸阅读，利于读者更加深入了解报告内容，可读性表现卓越。

创新性 (★★★★★)

《报告》开篇设置“党建引领，厚植红色护航根基”“以氢赋能，绿色发展动力增强”“管理变革，价值创造不断深入”三大责任专题，展现了集团在党建引领、绿色转型、国企改革方面的实践成效；开篇设置响应 SDGs 板块，详细回应利益相关方的期望与诉求；推动 ESG 指标体系建立，促进社会责任管理融合发展，打造责任品牌；构建了“1+N+M”报告发布矩阵，计划召开报告发布会，与下属上市公司河钢股份、河钢资源、财达证券共同发布社会责任/ESG 报告及专项报告，具有卓越的创新性表现。

综合评级 (★★★★★+)

经评级小组评价，《河钢集团 2023 可持续发展报告》的过程性、实质性、完整性、平衡性、可比性、可读性及创新性均达到五星级，综合为“五星佳”级，是企业社会责任报告中的典范。



中国企业社会责任报告
评级专家委员会
Chinese Expert Committee on CSR Report Rating

河钢集团可持续发展报告连续一年获得五星级、首次获得五星佳级评价

四、改进建议

增加行业核心指标的披露，提升报告的完整性。

黄群慧

评级专家委员会副主席

钟宏武 魏香丽

评级小组组长 评级小组专家



出具时间：2024 年 6 月 18 日

扫码查看企业评级档案

Rating Report

Rating Report of the HBIS Group Sustainability Report 2023

Upon the request of HBIS Group, the Chinese Expert Committee on CSR Report Rating invited experts to form a rating panel to rate the *HBIS Group Sustainability Report 2023* (hereinafter referred to as “the Report”).

I. Rating Criteria

The *Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR 4.0)* by the Chinese Academy of Social Sciences, and the *Rating Standards for ESG Reporting of Chinese Enterprises (2020)* by the Chinese Expert Committee on CSR Report Rating.

II. Rating Process

1. The rating panel reviews and confirms the *Confirmation Letter of Materials for Assessment of CSR Reporting Process* and associated materials submitted by the preparation team of the Report;
2. The rating panel conducts rating on the preparation process and the contents disclosed by the Report, drafting rating report.
3. The vice chairman of Chinese Expert Committee on CSR Report Rating, the leader of the rating panel, and the expert of the rating panel jointly review and sign the rating report.

III. Rating Results

Process (★★★★★)

The Group has established a sustainable development committee, which is responsible for decision support, decision implementation and daily affairs management of its sustainability strategy. The contacts for work of each key department have jointly formed the report preparation team, which is responsible for providing the basic materials and reviewing the relevant contents. The management of the Group is responsible for the final review and approval of the report. Positioned as an important tool for improving sustainability management, compliance information disclosure, and strengthening stakeholder communication, the Report features clear positioning of functional value and is planned to be presented electronically and in print, as well as other versions, achieving an outstanding performance in the aspect of process.

Materiality (★★★★★)

The Report systematically discloses key industry issues such as implementation of macro policies, product quality management, product innovation, responsible procurement, occupational health management, work safety, R&D and application of environmental protection technologies and equipment, and development of circular economy. The contents are adequate and detailed, achieving an outstanding performance in the aspect of materiality.

Completeness (★★★★★)

The main contents of the Report systematically disclose 90.20 percent of core indicators relating to the industry from “Steel | Pursuing High-Quality Development,” “Environment | Building on Strength of Green Development,” and “People | Exploring New Path to Harmonious Development,” achieving an outstanding performance in the aspect of completeness.

Balance (★★★★★)

The Report discloses the negative data including “number of occurrences of product stop-loss events,” “number of employees injured by work-related accidents,” and “customer complaint resolution rate,” as well as the information relating to tip-offs and complaint letters, and people received Party and government disciplinary punishment in detail, achieving an outstanding performance in the aspect of balance.

Comparability (★★★★★)

The Report discloses 69 key indicators including “output of pig iron,” “total assets,” “total tax payment,” “Total investment in environmental protection,” and “coverage rate of work safety training” for three years in a row; and, conducted horizontal comparison such as “ranked in the Fortune Global 500 list for 15 consecutive years, with a ranking of 229th in 2023,” and “ranked 138th in the Asia’s 500 Most Influential Brands of 2023 list,” achieving an outstanding performance in the aspect of comparability.

Readability (★★★★★)

The Report continues to uphold the theme of “Leading the steel industry in green, low carbon and sustainable development,” and integrates the green development philosophy of “Harmonious coexistence of people, steel, and the environment” into the titles of each chapter, enhancing the recognition of the Report. The chapter pages use real-life spread images relating to social responsibility performance to highlight the characteristics of the industry, and set up a column of term explanations and QR codes for extended reading, which are conducive to readers’ more in-depth understanding of the contents, achieving an outstanding performance in the aspect of readability.

Innovation (★★★★★)

The Report is opened with the three major feature stories of “Using Party Building Initiatives to Lay a Solid Foundation for Corporate Development,” “Boosting Value Creation with Management Reform,” demonstrating the practices and achievements of the Group in the aspects of Party building guidance, green transformation and SOE reform. Each chapter opens with a section on responding to the SDGs, detailing the expectations and demands of stakeholders. The Group has promoted the establishment of ESG indicator system, advanced the integrated development of social responsibility management, and built responsible brands. The Group has also developed the “1+N+M” report release matrix and is planned to hold a conference to release CSR/ESG reports and special reports together with its listed companies including HBIS Limited, HBIS Resources, and Caida Securities, achieving an outstanding performance in the aspect of innovation.

Overall Rating (★★★★★+)

According to the evaluation of the rating panel, the *HBIS Group Sustainability Report 2023* achieves a “Five-Star” rating in all of the seven aspects, that is, process, materiality, completeness, balance, comparability, readability, and innovation. With a “Five-Star Plus” rating, the Report is recognized as a model corporate social responsibility report.



中国企业社会责任报告
评级专家委员会
Chinese Expert Committee on CSR Report Rating

The *HBIS Group Sustainability Report 2023* is recognized as a “Five-Star” report and wins the “Five-Star Plus” rating for the first time

IV: Improvement Suggestions

The disclosure of core indicators relating to the industry shall be enhanced to improve the completeness of the Report.

黄群慧

Huang Qunhui,
Vice Chairman of the Chinese Expert
Committee on CSR Report Rating

钟宏武

Zhong Hongwu,
Leader of the Rating
Panel

魏香丽

Wei Xiuli,
Expert of the
Rating Panel



Date of Issuance: June 18, 2024

Scan the QR code to learn more
about the corporate rating
report

意见反馈

Feedback

尊敬的读者：

Dear readers,

您好！

Greeting!

非常感谢您阅读本报告，本报告是河钢集团有限公司发布的第 16 份社会责任报告。为不断改进报告编制工作，提高履行社会责任的能力和水平，我们真诚希望您能够对报告进行客观评价，提出宝贵意见和建议。

Thank you very much for reading the Report, which is the 16th social responsibility report released by HBIS Group Co., Ltd. We sincerely hope that you could make an objective evaluation of the Report and put forward valuable comments and suggestions in order to continuously improve the preparation of the Report and enhance the ability and level of sustainability management.

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1、您对河钢集团有限公司 2023 年可持续发展报告的总体评价是：

很好 较好 一般 较差 很差

1. What is your overall assessment of the HBIS Group Sustainability Report 2023?

Very good Good Fair Poor Very poor

2. 您认为本报告是否能反映河钢集团有限公司对经济、社会和环境的重大影响：

能 一般 不了解

2. Do you think the Report can reflect the significant influence of HBIS Group on the economy, society and environment:

Yes Fair Not sure

3. 您认为本报告所披露信息、数据、指标的清晰、准确、完整度如何：

很高 较高 一般 较低 很低

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

Very high High Fair Low Very low

4. 您对河钢集团有限公司可持续发展工作有何建议？

4. What are your suggestions on the sustainability work of HBIS Group?

河钢集团有限公司 HBIS GROUP

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Paper: Environmentally friendly paper is used for printing the Report

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