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中国铁建 2020 年社会责任报告

CHINA RAILWAY CONSTRUCTION CORPORATION LIMITED SOCIAL RESPONSIBILITY REPORT 2020



中国铁建股份有限公司

China Railway Construction Corporation Limited
地址：中国·北京复兴路40号
邮编：100855
电话：86-10-51888114
传真：86-10-68217382
网址：www.crcc.cn
电子信箱：webmaster@crcc.cn

Address: No.40 Fuxing Road, Beijing, China
Post code: 100855
Tel : 86-10-51888114
Fax: 86-10-68217382
Website: www.crcc.cn
Email: webmaster@crcc.cn

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2020

中国铁建社会责任报告

CHINA RAILWAY CONSTRUCTION CORPORATION LIMITED
SOCIAL RESPONSIBILITY REPORT

报告说明 About the Report

报告组织范围

中国铁建股份有限公司及下属机构。

报告时间范围

本报告为公司第13份社会责任报告, 报告时间范围为2020年1月1日至12月31日, 部分内容及数据超出上述范围。

报告发布周期

年度报告。

报告参考标准

本报告依据国务院国资委《关于中央企业履行社会责任的指导意见》、上海证券交易所《公司履行社会责任的报告》编制指引, 参照全球报告倡议组织(GRI)《可持续发展报告编写指南(G4)》、国际标准化组织《ISO26000: 社会责任指南(2010)》、香港联交所《环境、社会及管治报告指引》、中国社会科学院《中国企业社会责任报告指南(CASS-CSR4.0)》编制。

报告说明

本报告披露的财务数据如与年度报告有出入, 以年度报告为准, 其他数据来自公司内部统计。本报告中所涉及货币金额以人民币作为计量币种, 特别说明的除外。在报告中, 为了便于表述和阅读, 中国铁建股份有限公司还以“中国铁建”“公司”“我们”等表示。

报告发布形式

本报告以印刷版和电子版两种形式发布, 以网络发布的电子版为主。欲获取报告电子版, 请登陆中国铁建网站: www.crcc.cn。

报告反馈联络方式

名称: 中国铁建股份有限公司
地址: 北京市海淀区复兴路40号
邮政编码: 100855

Reporting Scope

China Railway Construction Corporation Limited and all its Subsidiaries.

Reporting Period

The report is the 13th Corporate Social Responsibility Report issued by China Railway Construction Corporation Limited throughout the period from January 1, 2020 to December 31, 2020, and this report includes additional content and information that pre-dates the stated reporting period.

Release Cycle

Annual report.

Reference Standard

This report is formulated in accordance with the Guiding Opinions on Fulfilling Social Responsibilities of Central State-owned Enterprises issued by the State-owned Assets Supervision and Administration Commission (SASAC) of the State Council, the Guidelines for the Preparation of Corporate Social Responsibility Report issued by the Shanghai Stock Exchange, the G4 Sustainability Reporting Guidelines issued by the Global Reporting Initiative (GRI), the ISO 26000:2010 - Guidance on Social Responsibility issued by the International Organization for Standardization (ISO), the Environmental, Social and Governance Reporting Guide issued by the Stock Exchange of Hong Kong Limited, and the Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR 4.0) issued by the Chinese Academy of Social Sciences (CASS).

Report Description

In case of any discrepancy between the financial data disclosed in this report and the Company's annual report, the latter shall prevail. Other data are based on the Company's internal statistics. In this report, all currency amounts are in RMB unless otherwise specified. For the convenience of expression and reading, China Railway Construction Corporation Limited is also abbreviated for "CRCC", the "Company," "We," and so on.

Release Form

This report is issued in both printed and electronic versions, the latter being the dominant form and available on the website. To obtain the electronic version of this report, please visit CRCC website: www.crcc.cn.

Contact us

Name: China Railway Construction Corporation Limited
Address: No. 40, Fuxing Road, Haidian District, Beijing, China
Postal Code: 100855

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The Board of Directors and all the directors of China Railway Construction Corporation Limited (CRCC) guarantee that the contents of the report carry no false recordings, misleading statements or major omissions, and assume individual and joint liability for the authenticity, accuracy and integrity of the contents.

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董事长致辞



2020年，面对世所罕见的疫情冲击，面对前所未有的复杂局面，中国铁建坚持“稳中求进”的工作总基调，逆势而上，攻坚克难，一手抓疫情防控，一手抓生产经营，实现了安全持续平稳较快的发展。

——披荆斩棘，共克时艰，在抗疫大考中交出了合格答卷。面对肆虐全球的新冠肺炎疫情，中国铁建坚决贯彻党中央、国务院决策部署，“两手都要硬，两战都要赢”，发挥基建力量，铸就铁建担当，义无反顾投身到抗击疫情的钢铁洪流之中。我们春节期间坚守岗位，驰援湖北抗疫主战场，保障战疫物资运输畅通；我们有序组织复工复产，确保国家重点工程建设，投身海外彰显大国担当；我们坚持目标不动摇、指标不改变、工作不松懈，主要经济指标再创历史新高，压舱石和稳定器作用突显。

——砥砺前行，磅礴不息，推动企业迈上高质量发展道路。回首“十三五”，公司综合实力持续增强、规模效益总体翻番，公司治理持续优化、发展质量大幅提升，创优出新不断突破、改革创新成效显著，海外拓展持续发力、产业板块固本扩能，推动公司实现了跨越式发展。产业拓展、基础管理达到了一个新高度，经营体量、生产规模、质量效益再造了一个新铁建，成功实现了由铁路独大向五大支柱市场均衡开拓、新兴市场多元迸发的转型，实现了由承包商、建造商向投资商、运营商、服务商、制造商、集成商的升级。

——笃行致远，惟实励新，为改善社会民生贡献铁建力量。我们亲历和见证了人类历史上规模最大、力度最强、惠及人口最多的脱贫攻坚战，十余年来先后投

入资金2.38亿元、选派挂职扶贫干部64人、帮扶16个省市区和24座城市12.6万人，谱写了一个个鲜活生动的扶贫故事。我们积极担当政治责任，响应国家号召，结合建筑企业行业特点，在促进雄安新区建设、粤港澳大湾区建设、长江三角洲区域一体化发展等重大国家战略中主动作为。我们坚持合作共赢发展理念，积极践行“一带一路”倡议和“海外优先”战略，深耕属地市场，融入当地社区，保护生态环境，投身公益事业，共创共享可持续发展的未来。

——征途漫漫，唯有奋斗，以优异成绩迎接建党100周年。2021年，新冠肺炎疫情仍在全球蔓延，国际国内不稳定不确定因素仍然较多，公司发展面临着压力和挑战。公司将聚焦发展，千方百计稳增长；激发活力，多措并举抓改革；提质增效，全力以赴精管理；增强动能，锻长补短谋创新；规范运作，严防死守控风险，凝心聚力、乘势而上，确保“十四五”高质量发展开好局起好步，推动企业因强而优、由优至大，加快建设具有全球竞争力的世界一流企业。

站在“两个一百年”的历史交汇点，中国铁建将继续往开来、砥砺前行，奋力开启中国铁建高质量发展新征程，以优异的成绩回馈社会、回报股东、造福员工，谱写新时代改革发展的新篇章！

董事长 汪建平

CHAIRMAN'S MESSAGE

Facing the unusual COVID-19 pandemic and an unprecedentedly complex situation in 2020, CRCC adhered to the general principle of “seeking progress while keeping performance stable”, resisting the downward pressure and tackling difficulties. Laying equal emphasis on the prevention and control of COVID-19 and business production and operation, CRCC has realized a safe, sustained, stable and rapid development.

— Overcoming all the difficulties in time of adversity, CRCC delivered satisfactory work in the fight against COVID-19. As COVID-19 was raging across the world, the Company implemented the decisions and arrangements of the CPC Central Committee and the State Council with determination to “being tough and winning the battles of fighting against the pandemic and pushing forward economic and social development”. Giving full play to our strength in infrastructure building and shouldering our due responsibilities, we threw ourselves into the fight against the virus. We held fast to our jobs during the Spring Festival, rushed to assist the frontline of Hubei Province in COVID-19 prevention and control, and ensured the unimpeded transportation of needed materials. We organized the resumption of work and production in an orderly manner to ensure the construction progress of national key projects, and was committed to overseas business, demonstrating China’s responsibility as a major country. With determined goals, unchanged indicators and unrelenting work, our major performance indicators hit a record high, We played an increasingly important role as a cornerstone and stabilizer.

— Forging ahead unremittingly, we pursued high-quality development. Looking back the “13th Five-Year Plan” period the company has made significant progress in promoting its overall strength, doubling scale, greatly improved corporate governance, development quality, innovation, fruitful reforms, great momentum in overseas expansion, and consolidating foundation and expanding capacity, leading to the leapfrog development of the Company. Industrial expansion and fundamental management reached a new level, with the scale of operation, production, and quality doubling. The Company was successful in the transformation from sole focus on railway business to the balanced development in five pillar markets and the diversified development in the emerging markets, upgrading from a contractor and builder to an investor, operator, service provider, manufacturer, and integrator.

— Striving for the long-term development and seeking innovation while being down-to-earth, we have contributed to the well-being of the society and people. As a participator, we witnessed the largest and strongest poverty alleviation undertaking in human history that benefited the greatest number of people. Over the past ten years, we invested RMB 238 million, sent 64 employees to work at the poverty alleviation

frontline, and helped 126,000 people in 24 cities of 16 provinces, autonomous regions and municipalities. There were so many touching stories in our fight against poverty. Actively shouldering political responsibilities and responding to the call of the nation, we played our due role in implementing major national strategies such as the construction of the Xiong’an New Area, Guangdong-Hong Kong-Macao Greater Bay Area, and the regional integrated development of the Yangtze River Delta, leveraging the characteristics of the construction industry. Adhering to the idea of win-win cooperation, we have actively implemented the Belt and Road Initiative and the Overseas Priority strategy. We are committed to deepen the local market, integrate into the local community, conserve the ecological environment, and engage in public good in an effort to build a shared and sustainable future.

— With long road ahead, we will work hard to celebrate the 100th anniversary of the founding of the CPC with outstanding achievements. In 2021, as the coronavirus continues to spread around the world, instability and uncertainty are mounting on the international and domestic landscape, the Company is faced with pressure and challenges in its development. We will focus on development and do everything possible to stabilize growth; unleash vitality and take multiple measures to push forward reforms; improve quality and efficiency by going all out to enhance management; gain momentum by leaning from each other and innovation; standardize operations to prevent and control risks. We will make concerted efforts to make sure that we get off to a good start in the “14th Five-Year Plan” period when seeking high-quality development, building the Company into a bigger and stronger one and accelerating the development of the Company into a world-class one with global competitiveness.

Standing at the historical intersection of the two centenary goals, CRCC will continue to forge ahead and strive to embark on the new journey of high-quality development. We will give back to the society and our shareholders and benefit our employees with our outstanding achievements, writing a new chapter in the reform and development of the new era!

Wang Jianping
Chairman of the Board

总裁致辞



2020年，是新中国历史上极不平凡的一年，也是中国铁建历史上极不平凡的一年。一年来，我们坚持以守正行稳健发展之道、以创新铸品质发展之魂、以提质蓄持续发展之力、以奉献创共赢发展之路，主要指标逆势增长、再创历史新高，各项工作取得新成效，全年新签合同额、营业收入、利润总额分别为25542.9亿元、9103.2亿元、314.9亿元，分别同比增长27.3%、9.6%、12.4%。中国铁建连续15年入选《财富》“世界500强企业”，2020年排名第54位，名列“中国企业500强”第14位，位居“全球250家最大承包商”第3位。

一年来，我们全力投身抗疫斗争，向抗疫一线捐款捐物7700多万元，派出援鄂专家医疗队，全力参与火神山、雷神山医院建设，建成武汉62%的方舱医院、90%的救治床位；我们迅速构建疫情防控体系，全力保障职工生命安全，系统上下、境内境外未发生聚集性疫情，在中华民族用众志成城、坚韧不拔书写的抗疫史诗中贡献了铁建力量。

一年来，我们遵循“真心扶贫、精准扶贫、共赢扶贫、创新扶贫、干净扶贫”理念，助力帮扶地区全部实现脱贫摘帽。全年投入帮扶资金8303万元，物资折款219.6万元，1人荣获“全国脱贫攻坚先进个人”荣誉称号。

一年来，我们坚持以建设精品工程为目标，严抓质量管理，筑牢安全防线，打造了京雄高铁、玉磨铁路、拉伊铁路、贝贾亚高速公路等一大批优质精品工程，全年获鲁班奖6项、国家优质工程奖50项。

一年来，我们坚持以创新驱动发展，积极组织关键核心技术攻关，主导发布国际标准4项，通过国家科技进步二等奖评审6项；摘得“ENR全球最佳工程奖”桂冠；获土木工程詹天佑奖11项；新增专利

5099件，创历年之最。

一年来，我们深入贯彻落实绿色发展理念，开展绿色施工，实施绿色运营，优化节能减排，不断推动资源节约型和环境友好型企业建设，公司环保总投入15.3亿元，万元营收综合能耗同比下降3.2%。

一年来，我们大力实施“海外优先”战略，积极参与“一带一路”建设，经营范围遍及全球134个国家。我们坚持扎根属地、融入属地、服务属地，优先聘用当地员工，大力推进属地化采购，积极参与所在国防疫，主动投身当地公益事业，树立了负责任的企业形象。

一年来，我们坚持把员工对美好生活的向往作为奋斗目标，改善职工生产生活条件，推动民生福祉建设取得新成效。全年新招聘高校毕业生15806人，培训员工106万人次；筹集送温暖资金8545万元，慰问困难职工家庭9443户，慰问劳模先进、生产一线员工、农民工95730人。我们积极参与重大灾害应急救援，彰显了关键时刻“信得过、靠得住、拉得上、打得赢”的铁军本色，赢得了社会各界高度赞誉。

2021年是建党100周年，是第二个百年目标新征程的开启之年，是“十四五”规划开局之年。中国铁建将立足新发展阶段、贯彻新发展理念、融入新发展格局，坚持稳中求进工作总基调，以推动高质量发展为主题，以改革创新为根本动力，坚持实事求是、守正创新、行稳致远工作方针，凝心聚力、乘势而上，确保“十四五”高质量发展首战必胜，以优异的发展成绩庆祝建党100周年！

总裁

PRESIDENT'S MESSAGE

2020 was an extraordinary year in the history of the PRC and of CRCC. Over the past year, we maintained steady and sustained high-quality development in the spirit of win-win cooperation by adhering to the principles of integrity, innovation, quality improvement, and commitment. Our main performance indicators grew against the backdrop of downward pressure, reaching a record high. We have made progress on many fronts. The new orders revenue, and total profit of 2020 reached RMB 2,554.29 billion, RMB 910.32 billion and RMB 31.49 billion respectively, with a year-on-year growth of 27.3%, 9.6%, and 12.4% respectively. The Company has been listed in the Fortune Global 500 for 15 consecutive years, ranking 54th in 2020. CRCC was also ranked 14th among the “Top 500 Chinese Companies” and 3rd among the ENR “Top 250 Global Contractors” In 2020.

Devoted ourselves to the fight against COVID-19 in the past year, we donated more than RMB 77 million to the frontline, sent medical teams to assist Hubei Province, threw ourselves into the construction of Huoshenshan Hospital and Leishenshan Hospital, and built 62% of the FangCang hospitals and 90% of the new hospital beds in Wuhan. We quickly established an epidemic prevention and control system to ensure the health and safety of our employees. There have been no clusters of COVID-19 infection in the entire company home and abroad. We have contributed to the national epic fight against COVID-19 with unity and perseverance.

Over the past year, following the idea of “sincere, targeted, innovative and corrupt-free poverty alleviation in a win-win manner”, we helped lift the assisted areas out of poverty. We invested RMB 83.03 million as assistance funds and donated supplies equivalent to RMB 2.196 million in 2020. One of our employees was awarded the honorary title of “National Role Model in Poverty Alleviation”.

Over the past year, adhering to the goal of delivering high-quality projects, ensuring quality management and safety, we built a large number of excellent projects, such as the Beijing-Xiong'an High-speed Railway, Yuxi-Mohan Railway, the Nigeria Lagos-Ibadan Railway, and the Algeria Bejaia Expressway. We won 6 “Luban Prizes” and 50 “National Quality Project Awards”.

Over the past year, we made sustained efforts to seek innovation-driven development by actively organizing research into key technologies. We led the publication of 4 international standards, passed the evaluation of 6 second-prize National Award for Scientific and Technological Progress, won the “ENR Global Best Projects”, obtained the Tien-yow Jeme Civil Engineering Prize, and won 5,099 new patents (which set a new record).

Over the past year, we implemented in earnest the idea of green development, conducted green construction

and green operations, enhanced energy conservation and emission reduction, and continuously promoted the development of a resource-saving and environmentally-friendly company. The Company's total investment in environmental protection reached RMB 1.53 billion, with the comprehensive energy consumption per RMB 10,000 of operating revenues dropping by 3.2% year-on-year.

Over the past year, we vigorously implemented the “Overseas priority” strategy and actively participated in the construction related to the Belt and Road Initiative, reaching our business presence to 134 countries worldwide. Integrating into and serving local communities, we gave priority to hiring local employees, promoted localized procurement, actively participated in the COVID-19 prevention and control of host countries, and contributed to local public good, establishing ourselves as a responsible company.

Over the past year, aiming to satisfying our employees' longing for a better life, we improved the working and living conditions and made progress in the improvement of their well-being. We hired 15,806 college graduates and trained 1.06 million employees; raised RMB 85.45 million to those in need, helped 9,443 families of employees in difficulty, and assisted 95,730 role model employees, front-line workers, and migrant workers. We actively participated in the emergency rescue following major disasters, demonstrating our image as a “trustworthy, reliable, competent, and successful” company at critical moments, which was recognized by people from all walks of life.

2021 marks the 100th anniversary of the founding of the CPC, the first year of the second centenary goal, and the first year of the “14th Five-Year Plan” period. CRCC will base on this new stage of development, fully apply the new development philosophy, and integrate into the new development pattern. We will adhere to the general principle of seeking progress while keeping performance stable, center on high-quality development, and push forward development driven by reform and innovation in a down-to-earth manner while bearing in mind the long-term picture with integrity. We will make concerted efforts and gather momentum to make sure we deliver impressive performance at the beginning of the “14th Five-Year Plan” period with high-quality development to celebrate the 100th anniversary of the founding of the CPC!

Zhuang Shangbiao
The President

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公司概况

COMPANY PROFILE

ABOUT US

中国铁建股份有限公司由中国铁道建筑总公司（改制更名为中国铁道建筑集团有限公司）独家发起设立，于2007年11月5日在北京成立，为国资委管理的特大型建筑企业。2008年3月10日和3月13日，公司人民币内资股（A股）和境外上市外资股（H股）分别在上海证券交易所和香港联交所上市。

CRCC is solely initiated by China Railway Construction Corporation (which was restructured into China Railway Construction Co., Ltd.) Established on November 5, 2007 in Beijing, CRCC is a mega size construction corporation under the administration of the State-owned Assets Supervision and Administration Commission of the State Council. On March 10 and March 13, 2008, the Company's domestic shares (A shares) and overseas listed foreign capital shares (H shares) were listed on the Shanghai Stock Exchange and the Hong Kong Stock Exchange, respectively.

公司业务涵盖工程承包、勘察设计咨询、工业制造、房地产开发、物资物流、投资、金融及其他新兴产业，具有科研、规划、勘察、设计、施工、监理、运营、维护和投融资完整的行业产业链，具备了为业主提供一站式综合服务的能力。在高原铁路、高速铁路、高速公路、桥梁、隧道和城市轨道交通工程设计及建设领域确立了行业领导地位。

The company's business covers project contracting, survey design consultation, industrial manufacturing, real estate development, material and logistics, investment, finance and other emerging industries. It has a complete industrial chain of scientific research, planning, survey, design, construction, supervision, operation, maintenance, investment and financing, and has the capability to provide one-stop comprehensive services for its clients. It has established a leading position in project engineering design and construction in the fields of plateau railways, high-speed railways, expressways, bridges, tunnels and urban rail transit.

公司是中国乃至全球最具实力、最具规模的特大型综合建设集团之一，经营范围遍及包括台湾在内的全国32个省、自治区、直辖市和香港、澳门特别行政区，以及世界134个国家。

CRCC is one of the most powerful and mega comprehensive construction groups both in China and the world, with business presence in 32 provinces(including Taiwan), autonomous regions, municipalities, and the Hong Kong and Macao special administrative regions, as well as 134 countries around the world.

企业理念

CORPORATE PHILOSOPHY

企业价值观

Corporate Values

诚信创新永恒 精品人品同在

Sincerity and Innovation for Ever,
Quality and Character at Once



管理方针

Management Guidelines

以人为本 诚信守法
和谐自然 建造精品

People Orientation,
Honesty and Law-abiding,
Harmony and Nature,
Competitive Product Manufacturing



企业精神

Corporate Spirit

不畏艰险 勇攀高峰
领先行业 创誉中外

Fearless of Danger,
Bold in Scaling Heights,
Leading the Industry,
Generating Prestige Home
and Abroad



总体发展战略

Overall Development Strategy

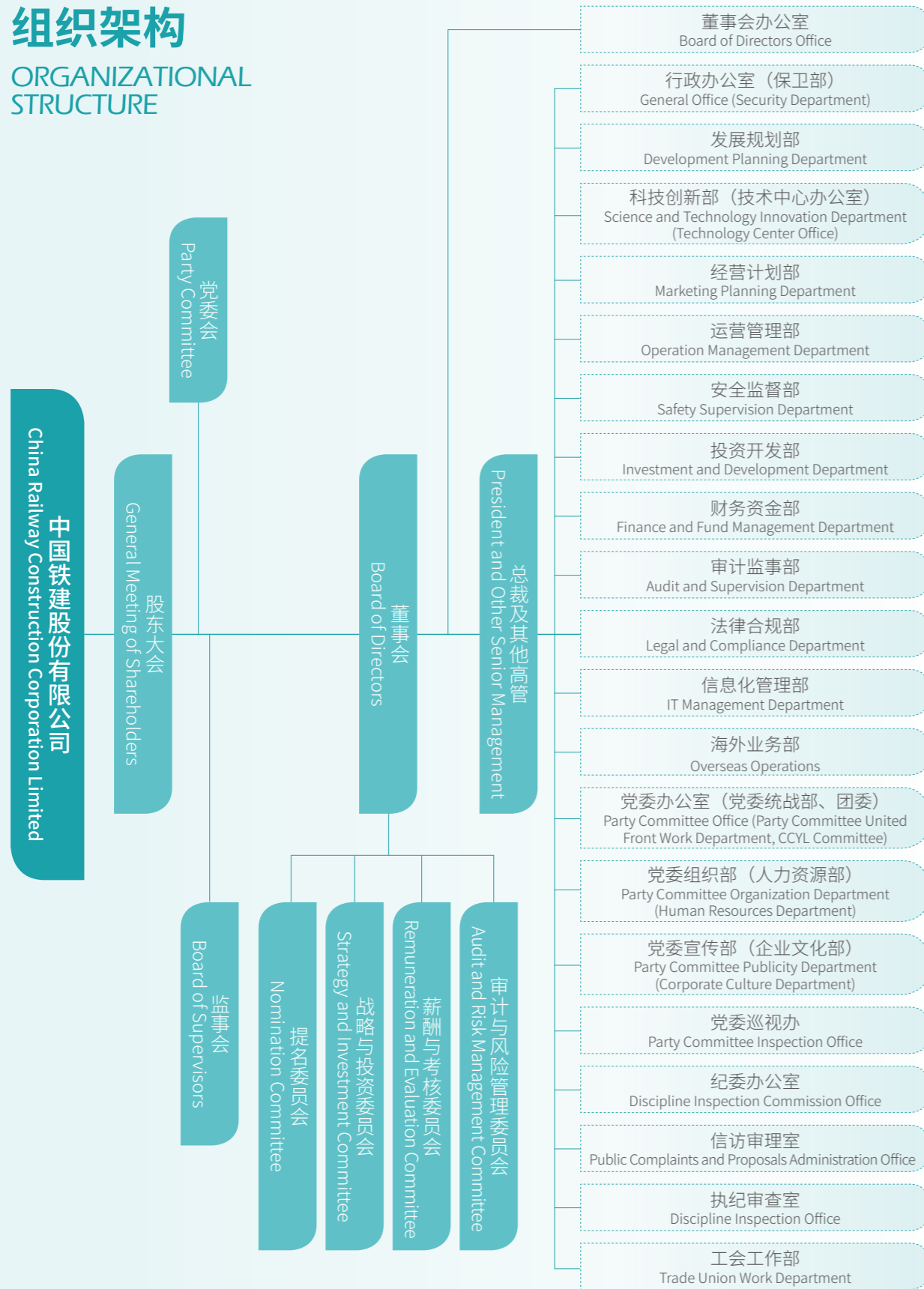
建筑为本、相关多元、协同一体、转型升级，发展成为技术创新国际领先、竞争能力国际领先、经济实力国际领先，最具价值创造力的综合建筑产业集团。

Construction Orientation, Diversified Development, Integrated Operation, Transformation and Upgrading, Striving to be an Integrated Construction Group with World-class Technological Innovative Strength, Competitiveness, Economic Strength, and Value Creativity.



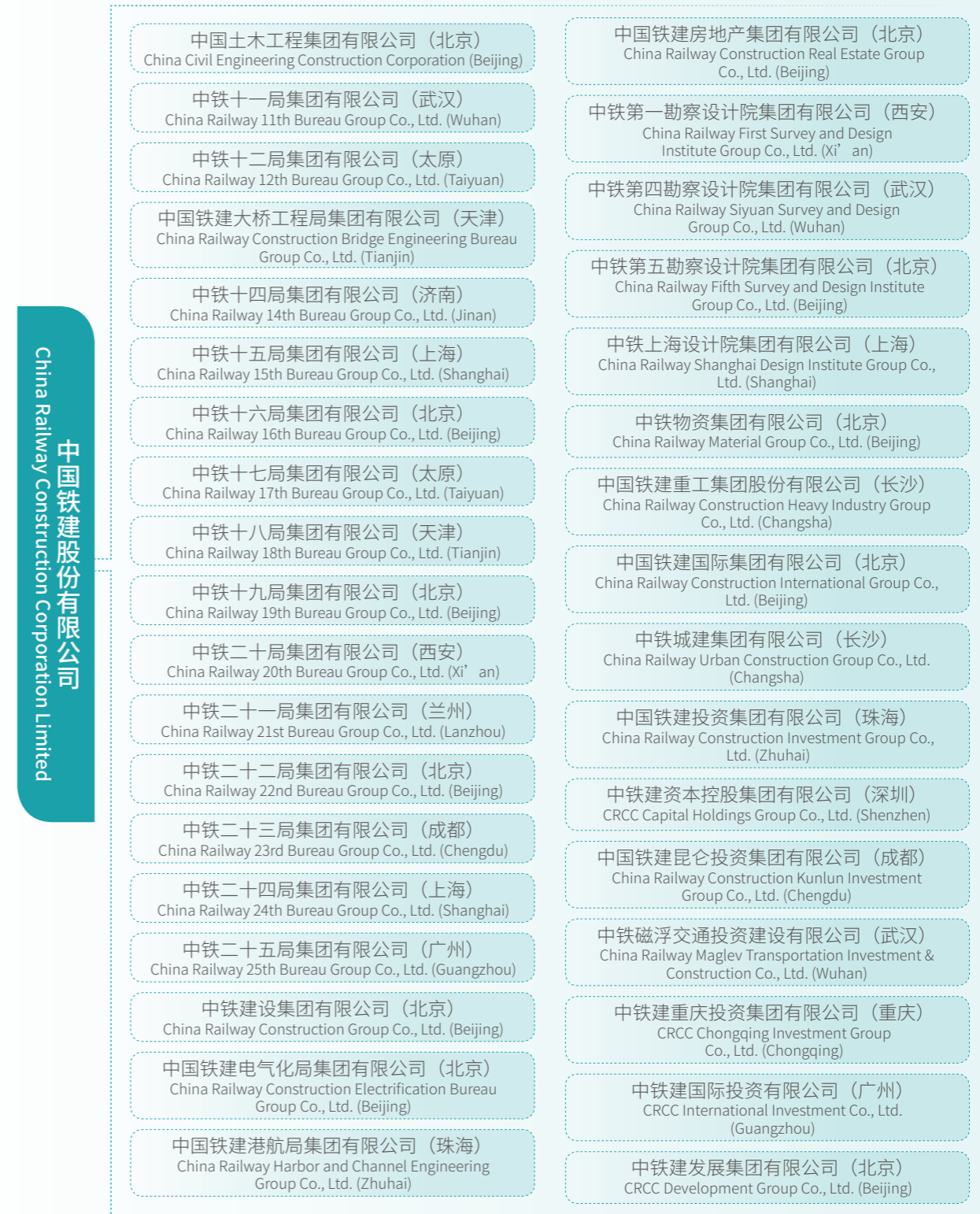
组织架构

ORGANIZATIONAL STRUCTURE



主要子公司

MAJOR SUBSIDIARIES



社会评价

HONORS AND AWARDS



《财富》“世界 500 强” 排名，列第 54 位
No.54 among Fortune Global 500



在第二届新财富最佳上市公司评选中，荣获“新财富最佳上市公司”奖
“New Fortune Best Listed Company Award” in the 2nd New Fortune Best Listed Company Selection



“中国企业 500 强” 排名，列第 14 位
No.14 among China's Top 500 Enterprises



在第三届新财富最佳 IR 港股公司评选中，荣获“新财富最佳 IR 港股公司”奖
“New Fortune Best IR Hong Kong Stock Company Award” in the 3rd New Fortune Best IR Hong Kong Listed Company Selection



《工程新闻纪录 (ENR) 》“全球 250 家最大承包商” 排名，列第 3 位
No.3 among ENR's Top 250 Global Contractors



在第十一届中国上市公司投资者关系天马奖评选中，荣获“最佳董事会奖”“最佳投资者关系奖”
“Best Board of Directors Award” and “Best Investor Relations Award” in the 11th China Listed Company Investor Relations Selection



在第二十届中国上市公司百强高峰论坛上，荣获“中国百强企业奖”“中国百强高成长企业奖”“中国百强二十年特别贡献企业奖”
“Top 100 Chinese Enterprises Award”, “Top 100 Chinese High-growth Enterprises Award” and “Top 100 Chinese Enterprises with Special Contribution in 20 Years” at the 20th China Top 100 Listed Companies Summit Forum



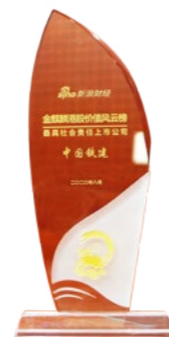
在第十四届中国上市公司价值评选中，荣获“中国上市公司社会责任奖”
“Social Responsibility Award of China's Listed Companies” in the 14th China Listed Company Value Selection



在第十届中国证券金紫荆奖评选中，荣获“最佳上市公司”奖
“The Best Listed Company Award” in the China Securities Golden Bauhinia Award



在新浪财经金麒麟港股价值风云榜评选中，荣获“最具社会责任上市公司”奖
“The Most Socially Responsible Listed Company Award” in Sina Finance Golden Unicorn Hong Kong Stock Value List



在第八届港股 100 强评选中，荣获“综合实力 100 强”“营业额 10 强”
“Top 100 - Comprehensive Strength in Top 100 Hong Kong Listed Companies” and “Top 10-Turnover in Top 100 Hong Kong Listed Companies” in the 8th Top 100 Hong Kong Listed Companies Selection



面对严峻的新冠肺炎疫情，中国铁建坚决贯彻党中央、国务院决策部署，扛起央企责任，发挥顶梁柱作用。

In the face of the severe COVID-19 epidemic, CRCC has resolutely implemented the decisions and arrangements of the CPC Central Committee and the State Council, shouldered the responsibility of central SOEs, played a leading role.

责任聚焦

Social Responsibility
Focus

20 聚焦一 携手战“疫”，筑就铁建担当
Focus 1: Join Hands to Fight against Covid-19 and
Shoulder the Responsibility of CRCC

28 聚焦二 倾力战“贫”，熔铸铁建精神
Focus 2: Strive to Fight "Poverty", and
Build up CRCC Spirit

32 聚焦三 从“新”出发，书写铁建辉煌
Focus 3: Guided by Innovation, and Embrace
a New Era of CRCC

Focus 1:
聚焦一

携手战“疫”，筑就铁建担当

Join Hands to Fight against Covid-19 and Shoulder the Responsibility of CRCC

“做好疫情防控工作，直接关系到人民生命安全和身体健康，直接关系到经济社会大局稳定，也事关我国对外开放。我们要按照坚定信心、同舟共济、科学防治、精准施策的要求，切实做好工作，同时间赛跑、与病魔较量，坚决遏制疫情蔓延势头，坚决打赢疫情防控阻击战。”

——中共中央总书记、国家主席、中央军委主席 习近平

“The prevention and control of the epidemic has a direct impact on the safety and health of the people, on overall economic and social stability, and on China’s opening up. In line with the requirements of strengthening confidence, pulling together in times of difficulty, scientific prevention and control, and taking precise measures. We need to do a good job in our work, race against time, fight against the disease, and resolutely curb the spread of the epidemic and win the fight against it.”

—— Xi Jinping, General Secretary of the CPC Central Committee, President of the People’s Republic of China and Chairman of the Central Military Commission

2020

全国抗击新冠肺炎疫情先进个人



1人

One employee won the title of National Advanced Individual in Combating COVID-19

面对严峻的新冠肺炎疫情，中国铁建坚决贯彻党中央、国务院决策部署，扛起央企责任，发挥顶梁柱作用，组织铁建突击队、铁建志愿服务队、铁建医疗队积极投身抗疫一线，紧急建设公共应急项目；迅速构建疫情防控体系，有序组织复产复工，全力保障海内外员工生命安全，为打赢疫情防控阻击战贡献铁建力量。1人获得“全国抗击新冠肺炎疫情先进个人”荣誉称号。

In the face of the severe COVID-19 epidemic, CRCC has resolutely implemented the decisions and arrangements of the CPC Central Committee and the State Council, shouldered the responsibility of the central enterprise, played a leading role, organized the commandos, volunteer service teams and medical teams of CRCC to actively participate in the front line of fighting against the epidemic and construct emergency public projects. CRCC has quickly put in place a pandemic prevention and control system, resumed production and work in an orderly manner, and made every effort to ensure the safety of employees at home and abroad, so as to contribute to winning the fight against the epidemic. One employee was awarded the honorary title of “National Advanced Individual in Combating COVID-19”.

勇当先锋，发挥基建力量

Be a Pioneer and Contribute to the Infrastructure Construction against the COVID-19

2020

抗疫捐款捐物
7700多万元
Make an over RMB 77 million worth of donation in the battle against the epidemic



抗疫医务人员
3000多名
Over 3,000 medical workers engaged in the battle against the epidemic



中国铁建向抗疫一线捐款捐物折合人民币 7700 多万元。为确保国家重点工程建设，保障战疫物资运输畅通，数万名员工春节期间坚守岗位不息工，3000 多名医务人员奋战在抗疫第一线，用实际行动书写对人民的无疆大爱。

CRCC has donated money and goods equivalent to more than RMB 77 million to the front line of anti-epidemic. In order to ensure the construction of national key projects and the smooth transportation of anti-epidemic materials, tens of thousands of CRCC employees stuck to their posts during the Spring Festival, and more than 3000 medical personnel worked on the front line of anti-epidemic, dedicating their great love for the people with their practical actions.

驰援战疫基建

Rush to aid the infrastructure of anti-epidemic

发挥基建优势，组织 1.3 万多人次参与武汉火神山医院、雷神山医院、方舱医院及其他各地防疫医院建设，承担了武汉 62% 方舱医院、90% 床位的建设任务。

CRCC has given full play to the advantages of infrastructure, organized more than 13,000 people to participate in the construction of Wuhan Huoshenshan Hospital, Leishenshan Hospital, shelter hospital and other hospitals for epidemic prevention, and undertaken the construction task of 62% shelter hospital and 90% hospital beds in Wuhan.



员工请愿支援武汉

Our employees petitioned to support Wuhan fighting the pandemic



方舱医院——所属 4 家单位先后组织 30 多批员工，参与武汉国际会展中心、武汉客厅、湖北省党委新校区、塔子湖体育中心、长江新城、首义广场、黄鹤、长征、蔡甸健康谷等 10 家方舱医院建设，其中独立完成 3 家、牵头完成 1 家、参建 6 家，共计完成约 11872 张床位的配套建设工作。

Shelter hospital: Four subsidiaries of CRCC have successively organized more than 30 batches of employees to participate in the construction of 10 shelter hospitals, including Wuhan International Convention and Exhibition Center, China Culture Expo Center, New Campus of the Party School of Hubei Provincial Committee, Tazihu Sports Center, Yangtze River New Town, Shouyi Square, Yellow Crane, Long March and Caidian Health Valley, among which, CRCC has independently completed 3, led to complete 1, participated to complete in 6, with a total of 11,872 beds.



● 抢建武汉客厅“方舱医院”
Rushing to build "mobile cabin hospitals" in Wuhan



火神山医院——1月30日凌晨1点，连夜调配近百名专业电焊工、钢结构工驰援火神山医院，经过两天一夜的连续奋战，完成 ICU 病房施工任务。2月2日晚 22 点，紧急援助水电安装任务，为仅用 10 天建成火神山医院做出了贡献。

Huoshenshan Hospital: At 1:00 a.m. on January 30, 2020, nearly 100 professional welders and steel structural workers were deployed at Huoshenshan Hospital. After two days and one night of hard work, the ICU ward construction was completed. At 22:00 p.m. on February 2, 2020, CRCC provided emergency assistance for the installation of water and electricity, which made a great contribution to the completion of construction of Huoshenshan Hospital in only 10 days.



● 驰援武汉火神山医院
Rushing to aid Wuhan Huoshenshan Hospital



“小汤山”医院——2月5日，仅用 48 小时完成天津版“小汤山”医院——海滨人民医院的改造施工任务。2月17日，援建的西安版“小汤山”医院——西安市公共卫生中心（应急院区）正式交接。

Xiaotangshan Hospital: On February 5, CRCC only took 48 hours to complete the reconstruction task of Haibin People's Hospital, the Tianjin version of "Xiaotangshan" Hospital. On February 17, Xi'an version of "Xiaotangshan" Hospital - Xi'an Public Health Center (emergency hospital area), was officially handed over.

坚守运输一线

Stick to the front line of transportation

新冠肺炎疫情暴发后，公司运营管理的 12 条高速公路 3500 余名员工坚守一线，配合疫情防控交通管治，开通运输防疫物资及人员绿色通道 108 条，累计减免车辆通行费超过 5.85 亿元。春节期间，2300 多名员工坚守铁路运输一线保证电煤供应，累计完成车辆技检任务 132372 辆，周转电煤 2085.97 万吨公里。

After the outbreak of the COVID-19, more than 3,500 employees of the 12 expressways operated by the company stuck to the front line, cooperated with the traffic management measures for epidemic prevention and control, opened 108 green channels for the transportation of epidemic prevention supplies and personnel, and reduced or exempted vehicle tolls totaling more than RMB 585 million. During the Spring Festival of 2020, more than 2,300 employees worked on railway transportation front lines to ensure the supply of thermal coal. A total of 132,372 vehicles were inspected and 20,859,700 ton-kilometers of thermal coal were turned over.

2020	
累计减免车辆通行费超过 5.85 亿元	The reduced or exempted vehicle tolls totaled more than RMB 585 million
累计完成车辆技检任务 132372 辆	A total of 132,372 vehicles were inspected
周转电煤 2085.97 万吨公里	20,859,700 ton-kilometers of thermal coal were turned over

坚定信心，全面复工复产

Strengthen confidence and fully resume work and production

中国铁建坚决落实习近平总书记重要讲话精神，第一时间向所属单位发出复工动员令，各单位迅速行动积极复工复产；全年召开 10 余次统筹疫情防控和复工复产会议，保证防疫生产两不误，努力实现全年目标任务。

CRCC has firmly implemented the spirit of General Secretary Xi Jinping's important speech, issued a mobilization order to its subsidiaries in a timely manner, and received quick response of them to resumption of work and production. More than 10 meetings on epidemic prevention and control and resumption of work and production were held throughout the year to ensure that there was no delay in both work of epidemic prevention and production, and strive to achieve the annual target and task.

加强联防联控

Strengthen joint prevention and control

牢固树立“生命重于泰山，疫情就是命令，防控就是责任”的理念，迅速成立主管领导为组长的疫情防控领导小组，印发《关于加强党的领导、为打赢疫情防控阻击战提供坚强政治保证的通知》，各单位迅速响应，建立工作机制，制定疫情防控工作方案，形成全覆盖疫情防控网络。

CRCC has firmly adhered to the concept of “life is more important than Mount Tai, epidemic situation is order, prevention and control is responsibility”, quickly established a leading group for epidemic prevention and control headed by the leader in charge, and issued the Notice on Strengthening the Party’s Leadership and Providing Strong Political Guarantee for Winning the Battle of Epidemic Prevention and Control. All its subsidiaries responded quickly, established working mechanisms, formulated work plans for epidemic prevention and control, and formed a full-coverage epidemic prevention and control network.



跟踪报告——密切跟踪员工行程和身体状况，逐级落实 24 小时值班、日报告、零报告制度，员工所在地摸排全覆盖。

Tracking and report: CRCC has closely tracked the employee’s travel and physical condition, implemented 24-hour duty, daily report and zero report system level by level, and put all employees at various locations under the full coverage of tracking and reporting.



物资保障——组织人员并安排专项资金采购体温检测仪、消毒液、口罩等防疫物资，最大限度保障员工安全。

Supply guarantee: CRCC has organized personnel and arranged special funds to purchase epidemic prevention supplies such as temperature detector, disinfectant, mask, etc., to ensure the safety of employees to the maximum extent.



知识普及——通过公司网站、钉钉、微信等平台，及时发布疫情防护知识，引导员工做好个人防护。

Knowledge popularization: CRCC has timely released epidemic prevention knowledge through the company’s website, DingTalk, WeChat and other platforms, and instructed employees to take care of their personal protection.



生活关怀——高度关注特殊时期员工的心理健康状况，加强员工心理疏导；了解返岗复工人员生活、隔离情况，及时协调解决员工的急事难事。

Life care: CRCC has paid great attention to the mental health of employees in the special period, intensified psychological counseling of employees, understood the life and quarantine situations of the employees returning to work, and coordinated and solved the urgent problems of employees in timely manner.



民工输送——采取“一站式”“点对点”包车等措施，精准护送农民工返岗复工。

Migrant workers transportation: CRCC has taken measures such as “one-stop” and “point-to-point” chartered bus to accurately escort migrant workers back to work.

携手共渡难关

Hand in hand to overcome difficulties

携手各利益相关方共渡难关，为国家经济社会平稳运行贡献力量。

CRCC has joined hands with all stakeholders to overcome the difficulties, and contributed to the smooth operation of the national economy and society.



加强金融供给——推出 50 亿元“战疫贷”（防疫复产专项贷款）产品，用于客户推进卫生防疫工程建设、保障卫生防疫物资采购及运输、协助受疫情影响遭遇困难企业复工复产，并为特殊地区、特殊用途的金融需求开辟绿色通道。

Strengthen financial supply: CRCC has launched RMB 5 billion of “anti-epidemic loan” (special loan for epidemic prevention and resumption of production) for clients to promote the construction of health and epidemic prevention projects, guarantee the procurement and transportation of health and epidemic prevention supplies, assist enterprises temporarily affected by the epidemic to resume work and production, and opened up green channels for financial needs in special areas and for special purposes.



减轻商户压力——全国多地商业项目全力扶持商户经营，为 1244 家商户、近 160 万平方米物业减免租金和物业费 2125 万元。

Relieve the pressure on merchants: CRCC’s commercial projects in many localities across the country give full support for business operations, and reduced or exempted rent and property fees of RMB 21.25 million for 1,244 merchants covering nearly 1.6 million square meters of properties.

投身海外，彰显大国担当

Committed to Overseas Fight against COVID-19,
Demonstrate the Responsibility of a Major Country

2020

境外国家和地区
员工开办防疫课



30 多个国家

CRCC provided online epidemic prevention courses to the employees in more than 30 countries and regions

新冠肺炎疫情在世界多地蔓延，中国铁建践行“人类命运共同体”理念，第一时间捐款捐物，积极向当地居民进行疫情防控宣传；通过全球连线，为境外 30 多个国家和地区的员工作防疫课；配合当地政府，投身到防疫隔离医院的建设中。

When the COVID-19 was spreading all over the world, CRCC earnestly implemented the concept of "A community with a shared future for mankind", donated money and goods immediately, and actively carried out epidemic prevention and control publicity to local residents; through the internet, CRCC provided online epidemic prevention courses for employees in more than 30 countries and regions overseas; in addition, CRCC cooperated with the local government and devoted themselves to the construction of the quarantine hospital for epidemic prevention.

援助尼日利亚

Assistance to Nigeria

4月8日，组建防疫工作组赴尼日利亚，为 1600 名中方员工和 12000 名当地员工提供防疫指导；5月12日，仅用两周时间昼夜抢建的尼日利亚最大“方舱医院”——今日剧院医院正式移交；8月31日，建成中央企业在海外的首个功能完备的员工健康中心。

On April 8, an epidemic prevention team was set up and dispatched to Nigeria to provide epidemic prevention guidance to 1,600 Chinese employees and 12,000 local employees; on May 12, Today Theatre Hospital, the largest "shelter hospital" in Nigeria, was officially handed over after only two weeks of construction around the clock; on August 31, the first fully-functional employee health center of a central enterprise overseas was completed.



中国铁建防疫工作组飞抵尼日利亚
CRCC Epidemic Prevention Team arrived in Nigeria

“包括中国土木尼日利亚公司在内的多家公司参与建设（今日剧院方舱医院），感谢作出贡献的每个人和每个公司。”

——尼日利亚国务卿 穆斯塔法

"Many companies, including China Civil Engineering Construction Corporation Nigeria Company, participated in the construction (shelter hospital of Today Theatre Hospital). Thanks to everyone and every company for their contributions"

——Mustafa, Secretary of State of Nigeria

援助特立尼达和多巴哥

Assistance to Trinidad and Tobago

应特立尼达和多巴哥阿利玛医院项目业主特多城市发展公司主席诺埃尔·加西亚请求，投入 150 余人，加班上万工时，仅用 7 天时间完成特多版“火神山”医院——阿利玛医院的援建任务，并对当地 300 余名医务人员进行医疗设备操作培训。

At the request of Noel Garcia, the Owner of the Trinidad and Tobago Alima Hospital Project, and Chairman of Trinidad and Tobago Urban Development Corporation, CRCC invested more than 150 people and worked tens of thousands of overtime hours to complete the Trinidad and Tobago version of "Huoshenshan Hospital" -- Alima Hospital in only 7 days, and trained more than 300 local medical personnel on medical equipment operation.



援建特多阿利玛医院
Aiding the construction of Trinidad and Tobago Alima Hospital

“阿利玛医院为特多人民提供了最高级别的防护！”

——特立尼达和多巴哥总理 基思·罗利

"Alima Hospital provides the highest level of protection for the people of Trinidad and Tobago!"

——Keith Rowley, Prime Minister of Trinidad and Tobago

Focus 2:
聚焦二

倾力战“贫”，熔铸铁建精神

Strive to Fight "Poverty", and Build up CRCC Spirit

“党的十八大以来，党中央把脱贫攻坚摆到更加突出的位置，打响脱贫攻坚战，全党全国上下同心、顽强奋战，取得了重大进展。困扰中华民族几千年的绝对贫困问题即将历史性地得到解决，这将为全球减贫事业作出重大贡献。”

——中共中央总书记、国家主席、中央军委主席 习近平

“Since the 18th National Congress of the CPC, the CPC Central Committee has put poverty alleviation to a more prominent position and called on to fight the tough battle against poverty. The whole Party and the whole country have worked tenaciously with one mind and made significant progress. The absolute poverty problem that has plagued the Chinese nation for thousands of years will soon be solved historically, which will make a significant contribution to the global cause of poverty reduction.”

——Xi Jinping, General Secretary of the CPC Central Committee, President of the People's Republic of China and Chairman of the Central Military Commission

2020年是决胜全面建成小康社会、决战脱贫攻坚收官之年。中国铁建认真贯彻落实习近平总书记关于“精准扶贫、精准脱贫”的重要指示精神，遵循“真心扶贫、精准扶贫、共赢扶贫、创新扶贫、干净扶贫”的工作方针，自2002年以来，先后投入资金2.38亿元、向央企扶贫基金注资5.79亿元、选派64名优秀干部到帮扶地区挂职，号召所属单位和员工投入扶贫工作，共参与全国16个省市区和24座城市的脱贫攻坚战，直接帮扶12.6万人，帮扶地区全部脱贫摘帽。连续多次获得各省市自治区“脱贫攻坚先进单位”“脱贫攻坚先进帮扶单位”“慈善公益活动先进单位”等荣誉称号。2020年，公司坚持“四个不摘”，认真谋划后续、接续帮扶工作，进一步加大扶贫投入，引进扶贫企业，培育创业致富带头人和专业技能人才。同时，有效衔接乡村振兴战略，着力探索稳定脱贫长效机制。1人获得“全国脱贫攻坚先进个人”荣誉称号。

2020 was the year of decisive victory of building a moderately prosperous society in an all-round way and fighting against poverty. CRCC has conscientiously implemented the important directive spirit of General Secretary Xi Jinping on “targeted poverty alleviation”, and followed the “sincere, targeted, win-win oriented, innovative, and clean poverty alleviation” policy. Since 2002, it has invested RMB 238 million, injected RMB 579 million into the Central SOEs Industrial Investment Fund for Poor Area, and selected 64 outstanding cadres to serve in the areas to help. CRCC has called on its subsidiaries and employees to engage in poverty alleviation work, and participated in the poverty alleviation battle in 16 provinces, autonomous

向央企扶贫基金会注资
5.79 亿元
Injected RMB 579 million into
Central SOEs Industrial
Investment Fund for Poor Area

直接帮扶
12.6 万人
Offered direct assistances to
126,000 people



regions and municipalities and 24 cities across the country, directly benefited 126,000 people, and all the areas supported by CRCC have been lifted out of poverty. CRCC has been awarded the honorary titles of “Advanced Unit for Poverty Alleviation”, “Advanced Supporting Unit for Poverty Alleviation” and “Advanced Unit for Charity and Public Welfare Activities” in various provinces and autonomous regions for several times. Adhering to “four not taking off”, the Company has planned for follow-up and continuous assistance, further increased poverty alleviation investment, introduced poverty alleviation enterprises, and cultivated entrepreneurs and professional talents in 2020. At the same time, CRCC has been effectively linked up the strategy of rural revitalization and strove to explore a long-term mechanism for stable poverty alleviation. One employee was honored the title of “National Advanced Individual in Poverty Alleviation”.

2020. 我们的行动

Actions in 2020

派出定点扶贫干部

42 名

Dispatched 42 designated cadres for poverty alleviation

投入帮扶资金

8303 万元

Input RMB 83.03 million as poverty alleviation fund

物资折款

219.6 万元

A total of RMB 2.196 million worth of goods

实施帮扶项目

49 个

Implemented 49 poverty alleviation projects

帮助建档立卡贫困人口脱贫数

1049 人

Helped a total of 1,049 registered poor people out of poverty

完善扶贫管理

Improve the Management for Poverty-alleviation Work

夯基础——建立并完善援疆援藏及扶贫开发工作领导小组统筹决策、扶贫办衔接运行、相关部门支持配合、挂职干部承担任务的“统一管理、分级负责”的工作机制。

Consolidate the foundation: CRCC has established and improved the working mechanism of “unified management and hierarchical responsibility” for the Leading Group for Aiding Xinjiang and Tibet and Poverty Alleviation and Development, the joint operation of the Poverty Alleviation Office, the support and cooperation of relevant departments, and the assumption of tasks by the temporary cadres.

抓落实——坚持每年召开专题会议部署脱贫攻坚任务，主要领导每年至少一次深入对口扶贫地区调研，帮助解决具体问题，促进定点扶贫工作上下联抓、前后联动、落地生根。

Pay much attention to implementation: CRCC has insisted on holding specific meetings every year to deploy the task of poverty alleviation. The main leaders conduct at least one in-depth investigation on poverty alleviation areas every year to help solve specific problems and promote the targeted poverty alleviation work to be coordinated and implemented.

派人才——选派优秀干部到帮扶地区挂职，坚持严格管理与正向激励，强化考核结果运用，完善挂职长效帮扶机制，保证扶贫干部队伍的基本稳定与工作连续性。

Dispatch talents: CRCC has selected outstanding cadres to take temporary posts in the assisted areas, adhered to strict management and positive incentives, strengthened the application of assessment results, improved the long-term supporting mechanism for the temporary posts, and ensured the basic stability and continuity of work of the poverty alleviation cadres.

保廉洁——从严执纪，强化督查，全面查摆扶贫领域腐败与作风问题，确保扶贫项目和扶贫资金在阳光下运行。

Guarantee clean poverty alleviation: CRCC has strictly enforced discipline, strengthened supervision, and comprehensively investigated corruption and work style problems in the field of poverty alleviation, so as to ensure that poverty alleviation projects and funds were run in the sunshine.

创新扶贫实践

Innovate Poverty Alleviation Practice

基建扶贫——公司充分发挥建筑企业专长，开展空心村治理、易地搬迁及道路交通、广场绿化、饮水排水等基础设施建设，加快贫困地区现代化进程。2020年，公司帮助陕西省陇县北关村设计关山牧场旅游轨道交通勘察方案；助力山东省梁山县琉璃井村新农村建设，修建村内道路及扶贫车间；帮助湖南省麻阳县岩落寨村完善公共服务设施，进一步维修改造村民文化广场。

Poverty alleviation through infrastructure construction: The Company has given full play to the expertise of a construction enterprise, carried out the hollow village (rural villages left behind by rural migrant) governance, relocation, road and traffic, square greening, drinking water and drainage and other infrastructure construction, and sped up the modernization of poor areas. In 2020, the Company helped Beiguan Village, Longxian County, Shaanxi Province to design the Guanshan ranch tourism rail transit survey plan; assisted the construction of new rural areas in Liulijing Village, Liangshan County, Shandong Province, and built roads and poverty alleviation workshops in the village; helped Yanluozhai Village, Mayang County, Hunan Province improve public service facilities, and further repaired and renovated villagers' cultural square.

2020

招录国资委和中央企业
定点扶贫县各类人员

33562人

The Company recruited 33,562 employees from the designated poor counties assisted by the SASAC and central SOEs

就业扶贫——公司作为全球最大工程总承包商之一，充分发挥产业链长、用工量大的优势，优先招用、尽量多用贫困地区劳务人员，组织开展劳动技能培训，提高贫困人口转移就业专业化程度。2020年，公司招录国资委和中央企业定点扶贫县各类人员 33562 人，其中“三区三州”深度贫困地区人员 16946 人。

Poverty alleviation through job creation: As one of the largest general contractors in the world, CRCC has given full play to the advantages of long industrial chain and labor demand, took the first in recruiting labor workers from poor areas, organized and carried out labor skills training to improve the professional level of the poor people. In 2020, the Company recruited 33,562 people from poverty alleviation counties designated by the State-owned Assets Supervision and Administration Commission and central SOEs, including 16,946 people from poverty-stricken areas in “three areas and three prefectures”.

产业扶贫——公司结合贫困地区资源，深挖地区优势，打造特色项目，凝聚全系统合力集中采购贫困地区产品，支持定点扶贫区县的企业发展，帮扶贫困地区村集体企业、农业合作社、养殖合作社等做大做强，拉动当地百姓就业和收

2020

产业扶贫项目

42个

Engaged in 42 projects for poverty alleviation



直接投入帮扶资金

1225.2万元

Directly input RMB 12.252 million for poverty alleviation



消费扶贫间接投入

4993.4万元

Indirectly input RMB 49.934 million as expending fund for poverty alleviation

入增长。2020年，公司在青海省甘德县实施饲料厂牦牛全日量标准化养殖补饲试验示范项目；在河北省张家口市尚义县、万全区分别实施兔肉循环项目、安全帽厂项目；在山西省汾西县勍香村打造 950 亩芦笋产业链。全年共开展各类产业扶贫项目 42 个，直接投入帮扶资金 1225.2 万元，消费扶贫间接投入 4993.4 万元，帮助销售各类产品 892.3 万元。

Poverty alleviation through industry development: In light of the resources of poor areas, the Company has exploited regional advantages, developed distinctive projects, call all out efforts across the Company to purchase products from poverty-stricken areas, supported the development of enterprises in designated poverty-stricken areas and counties, helped the village's collective enterprises, agricultural cooperatives and breeding cooperation agencies in poverty-stricken areas to become bigger and stronger, so as to increase employment and incomes of local people. In 2020, the Company implemented the full day standardized breeding supplement experiment demonstration project for yak in Gande County, Qinghai Province; the rabbit meat recycling project and safety helmet factory project were implemented in Shangyi County and Wanquan District of Zhangjiakou City, Hebei Province; in the Qingxiang Village, Fenxi County, Shanxi Province, 950 Mu asparagus industrial chain were developed. In 2020, 42 poverty alleviation projects of various industries were carried out, with direct investment of RMB 12.252 million, indirect investment of RMB 49.934 million and sales of RMB 8.923 million of products.

医疗扶贫——公司坚持把贫困地区人民生命安全和卫生健康放在首位，积极推进医疗帮扶，修建医疗设施、购置医疗设备、开展义诊活动，使贫困人口小病不出村、大病有人管。2020年，公司在河北省尚义县实施县医院 120 调度指挥中心建设与基层医疗机构建设项目；在青海省甘德县、河北省万全区、四川省甘洛县实施“同舟共济”救急难工程，持续开展大病患者救助活动。

Poverty alleviation through health care: The Company has insisted on putting people's life safety and health in poverty-stricken areas in the first place, actively promoted medical assistance, built medical facilities, purchased medical equipment and conducted voluntary medical treatment activities, so that the people don't have to leave the village for the medical treatment for indisposition, and are taken care of if they have serious illnesses. In 2020, the Company carried out the construction of 120 Dispatching Command Center and grassroots medical institution construction project in Shangyi County, Hebei Province; the Company carried out the emergency rescue project of “pulling together in the same boat” in Gande County, Qinghai Province, Wanquan District, Hebei Province and Ganluo County, Sichuan Province, and continued to provide assistance to patients with serious diseases.

教育扶贫——公司重视贫困人口的智力帮扶，投入大量资金在贫困地区兴建、修葺学校，设立图书室、电脑室，捐赠桌椅，结对资助贫困学生；开展校企共建，培养技术人才。2020年，公司在河北省万全区援建“铁建阳光”幼儿园，开展关爱少年儿童主题活动；在广东省阳山县杜步镇大路村开设“爱心网吧”；在湖南省麻阳县玳瑁坡村小学进行教室及食堂升级改造。

Poverty alleviation through education: The Company has attached importance to the intellectual assistance to the poor people, invested a large amount of funds to build and repair schools in poor areas, set up libraries and computer rooms, donated desks and chairs, assisted poor students by pairing, and carried out school-enterprise cooperation to train technical personnel. In 2020, the Company has assisted the construction of “CRCC Sunshine” Kindergarten in Wanquan District of Hebei Province, carried out the theme activities of caring for children, opened “Love Internet Cafe” in Dalu Village, Dubu Town, Yangshan County, Guangdong Province, and upgraded and reconstructed classroom and canteen in the primary school of Daimaopo Village, Mayang County, Hunan Province.

Focus 3:
聚焦三

从“新”出发，书写铁建辉煌

Guided by Innovation, and Embrace a New Era of CRCC

“我国自主创新成功的一个范例就是高铁，从无到有，从引进、消化、吸收再创新到自主创新，现在已经领跑世界。要总结经验，继续努力，争取在‘十四五’期间有更大发展。”

——中共中央总书记、国家主席、中央军委主席 习近平

“The high-speed rail is a successful demonstration of China’s independent innovation. China’s high-speed rail has undergone a process from introduction, digestion, absorption and re-innovation to independent innovation, and is now a world leader in high-speed rail technology. We should summarize experience and continue to strive for greater development in the 14th Five-Year Plan period from 2021 to 2025.”

——Xi Jinping, General Secretary of the CPC Central Committee, President of the People’s Republic of China and Chairman of the Central Military Commission

2020年5月30日，伴随最后一根长13.5米、重10.8吨的钢结构杆件在37米高空完成合龙，京哈高铁京沈段北京朝阳站主体结构顺利封顶，为京哈高铁如期开通奠定了良好基础。

On May 30, 2020, with the closure of the last 13.5-meter-long and 10.8-ton-weight steel structural bar at an altitude of 37 meters, the main structure of Beijing Chaoyang Station of Beijing-Shenyang section of Beijing-Harbin High-speed Railway was successfully topped off, paving the way for the scheduled opening of Beijing-Harbin high-speed railway.

北京朝阳站是习近平总书记宣示“中国特色社会主义进入新时代”后，首都北京展现在世人面前的一座全新的高铁站房。该站房是我国“十三五”规划的重要基础设施，是国家“八纵八横”高速铁路网规划的重要组成部分，是新时代智能交通的标杆性项目，也是中国铁建进入“新基建”领域的有益探索。

Beijing Chaoyang Station is a new high-speed railway station in the capital Beijing after General Secretary Xi Jinping declared that “Socialism with Chinese characteristics has entered a new era”. The station is an important infrastructure of the 13th Five-Year Plan in China, an important part of the national “eight vertical and eight horizontal” high-speed railway network planning, a benchmark project of intelligent transportation in the new era, and a beneficial exploration for CRCC to enter the field of “new infrastructure”.

在京哈高铁京沈段19座站房中，北京朝阳站不仅是面积最大的车站，也是国内首个运用综合智慧管控系统的高铁站房。面对艰巨的工程，中国铁建建设者们牢记“创建精品工程、智能客站”的初心，勇担“交通强国，铁路先行”的使命，传承并发扬铁道兵精神，以“星火速度”确保主体结构顺利封顶。建设者们在设计和实践中植入智能、高效、绿色、精益理念，利用互联网、大数据、物联网、云平台等信息化技术，提升站房施工建设、运营管理等方面的数字化、智能化水平，形成一套集成物联监测和智慧化管理的项目远程“智能管理方案”，助力北京朝阳站打造新时代精品智能客站示范工程。

Among the 19 stations in Beijing-Shenyang section of Beijing-Harbin High-speed Railway, Chaoyang Station is not only the largest station in area, but also the first high-speed rail station in China that uses a comprehensive intelligent management and control system. Faced with the arduous projects, the builders of CRCC kept in mind the original intention of “Creating Excellent Projects and Intelligent Passenger Stations”, undertook the mission of “Taking Railway Construction as the Forerunner of Building National Strength in Transportation”, inherited and carried forward the spirit of railway soldiers, and ensured the smooth topped-off of main structure with “spark speed”. The builders incorporated the concept of intelligence, efficiency, green and lean in design and practice, and used the information technology such as Internet, big data, Internet of things and cloud platform to improve the digital and intelligent level in construction and operation management of station, form a set of remote “intelligent management scheme” of the project integrating IOT monitoring and intelligent management, and help Beijing Chaoyang Station to become a demonstration project of high-quality intelligent passenger station in the new era.



北京朝阳站
Chaoyang Railway Station in Beijing



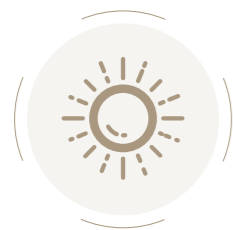
创造新突破

Achieve New Breakthroughs



最“有面儿”——站房建筑面积 18.3 万平方米，站台面积 4.35 万平方米，雨棚面积 6.22 万平方米，设计总规模为 7 台 15 线，最高聚集人数 5000 人，是京哈高铁京沈段面积最大的客站。

The most decent: The station building covers a construction area of 183,000 square meters, the platform area of 43,500 square meters, canopy area of 62,200 square meters, the total design scale is 7 platforms and 15 lines, with a maximum gathering population of 5000 people. It is the largest passenger station in Beijing-Shenyang section of Beijing-Harbin High-speed Railway.



最“舒适”——站房主立面玻璃幕墙如折叠屏风，高 6 米、重 750 公斤，创下国内站房单片玻璃高度之最、重量之最。486 块玻璃幕墙共同组成 254 米长的玻璃长卷，视野通透，采光良好，让候车旅客倍感舒适自然。

The most comfortable: The station building's main facade glass curtain wall takes the shape of a folding screen, with a height of 6 meters and a weight of 750 kg, hitting the records in domestic railway station construction. The curtain wall is composed of 486 pieces of glass, together forming a 254-meter-long glass scroll, with transparent vision and good lighting, making passengers feel more comfortable and at ease.



最“便捷”——站房雨棚建筑覆盖面积约 6.2 万平方米，同时也是全国首例、在面积最大的钢筋混凝土结构雨棚上盖停车场，从停车场到站内，200 米距离步行仅需 3 分钟，实现站内“零换乘”。

The most convenient: The canopy of the station building covers an area of about 62,000 square meters, and it is also the first case in China to build a parking lot on the largest reinforced concrete structure canopy. It takes only 3 minutes to walk from the parking lot to the station, so as to realize the “zero transfer” in the station.



最“聪明”——自主研发“156 智慧建造信息管理系统”，拥有“智能进度、智能劳务、智能物料、智能场区、智能监控、智能调度”六大智能场景，进行空间数据和时间维度信息的多方位一体化整合，让工程建造中的人、机器、资源、环境实时连通，实现现场进度、安全、质量、资源和环境等数据共享。

The most smart: CRCC independently developed “156 Intelligent Construction Information Management System”, which has six intelligent scenarios of “intelligent progress, intelligent labor, intelligent materials, intelligent depot area, intelligent monitoring and intelligent scheduling”. It integrates spatial data and time dimension information in multiple directions, so as to make people, machines, resources and environment to be connected in real time during construction, and realize the sharing of on-site progress, safety, quality, resources, and environment data.



最“优质”——钢结构每条焊缝旁都有一个签名，犹如焊缝的“出生证明”，现场类似签名多达 12000 个，在超声波自检和第三方检测中，焊缝一次探伤合格率达 99% 以上。

The best quality: Each weld of steel structure of the station has a signature, just like the “birth certificate” of the weld. There are 12,000 similar signatures on the site. In the ultrasonic self-inspection and the third party inspection, the qualified rate of the first inspection of the weld flaw reaches more than 99%.



最“环保”——综合智慧管控系统通过采集、分析车站水、电、冷、热、气等能耗情况，及时发现跑冒滴漏现象；通过数据深度挖掘技术，为车站节能管理提供强有力数据支撑。还能自动优化设置用能设备参数，最大限度节约能耗。

The most environmentally friendly: The comprehensive intelligent control system can detect the leaking phenomenon in time by collecting and analyzing the energy consumption of water, electricity, cold air, hot air and gas in the station, and provide strong data support for the energy conservation management of the station through the deep data mining technology. It can also automatically optimize the setting of energy consumption equipment parameters, and maximize energy consumption.

克服新困难

Overcome New Difficulties



“安装”之难——钢结构屋盖桁架面积 4.2 万平方米，由多达 1.5 万根杆件焊接组成，安装难度不亚于在 10 层楼高的地方进行外科手术。

The difficulty of installation: The steel roof truss covers an area of 42,000 square meters, which is composed of 15,000 welded rods, and the installation difficulty is no less than that of a surgical operation at the height of a 10-story building.



“高升”之难——为将面积 4.5 万平方米、重达 6300 吨的钢结构屋盖桁架精确提升到离地 37 米的高空，在“156 智慧建造管理平台”上进行多次“仿真模拟”，高效规避施工风险。

The difficulty of lifting: In order to accurately lift the steel structure roof truss with an area of 45,000 square meters and a weight of 6,300 tons to a height of 37 meters from the ground, multiple “simulation” were carried out on the “156 Intelligent Construction Information Management System” to efficiently avoid construction risks.



“管理”之难——总工期共 24 个月，施工作业区域内存在铁路营业线施工内容，后期钢结构、二次结构、机电安装、装饰装修等工序同时立体交叉作业，现场作业人员多达 2000 余人，极易存在管理盲区。“156 智慧建造管理平台”在对现场重大危险源、安全隐患、大型机械设备进行实时监测等方面发挥重要作用，有效避免安全事故发生。

The difficulty of management: the total construction period was 24 months. There was railway line construction content in the construction area. The later steel structure, secondary structure, mechanical and electrical installation, decoration and other processes were simultaneously cross-operated. There were more than 2,000 on-site operators, so it was easy to have management blind spots. The “156 Intelligent Construction Information Management System” played an important role in real-time monitoring of major hazards, hidden dangers, and large-scale machinery and equipment on site, effectively avoiding safety accidents.



中国铁建不断优化公司治理，加强合规运营，推进廉政建设，维护投资者权益，努力创造价值回报，践行企业高质量发展。

CRCC continued to optimize corporate governance, strengthen compliance operation, promote clean government construction, and protect investors' rights and interests, and strive to create value returns and implements high-quality development of enterprises.

凝心·以守正行稳健发展之道

Unite the People and Keep the Path of Steady Development

38 完善公司治理
Optimize Corporate Governance

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Create Value Return

完善公司治理

OPTIMIZE CORPORATE GOVERNANCE

公司不断完善法人治理结构，坚持依法治企、诚信经营，夯实合规管理体系，提升审计监督质量，优化风险内控机制，为企业稳健发展保驾护航。

CRCC continued to improve corporate governance structure, adhere to the rule of law, operate with integrity, strengthen the compliance management system, optimize the quality of audit and supervision, and enhance the internal risk control mechanism, so as to ensure the steady development of the Company.

优化治理架构

Optimize Governance Structure

公司根据《中华人民共和国公司法》《中华人民共和国证券法》《上市公司治理准则》等法律法规及现代企业治理要求，不断完善由股东大会、董事会、监事会、经理层构成的治理架构，确保分工明确、职责清晰、有效制衡、协调运转。董事会下设提名委员会、战略与投资委员会、薪酬与考核委员会、审计与风险管理委员会，协助董事会进行重大决策，提高科学决策和防范风险能力。2020年，公司召开股东大会4次，对22项议案进行审议并形成决议；召开董事会21次，对112项议案进行审议并形成决议；召开董事会各专门委员会28次，对96项议题进行审议并形成专项意见。

CRCC continued to improve the governance structure composed of the General Meeting of Shareholders, Board of Directors, Board of Supervisors and management in accordance with the Company Law of the People's Republic of China, Securities Law of the People's Republic of China, Code of Corporate Governance for Listed Companies and other laws and regulations, as well as the requirements of modern corporate governance, so as to ensure clear division of work, clear responsibilities, effective balance and coordinated operation. The Board of Directors includes Nomination Committee, Strategy and Investment Committee, Remuneration and Assessment committee, Audit and Risk Management Committee to assist it to make major decisions and improve the ability of scientific decision-making and risk prevention. In 2020, the Company has held 4 General Meetings of Shareholders, deliberating and forming resolution on 22 proposals; 21 Meetings of Board of Directors, deliberating and forming resolution on 112 proposals; and held 28 Special Meeting of Board of Directors, deliberating and forming specific opinions on 96 issues.

2020

召开股东大会 **4**次

召开董事会 **21**次

召开董事会各专门委员会 **28**次

Held **4** general meetings of shareholders

Held **21** meetings of the Board of Directors

Held **28** special meetings of the Board of Directors

深化合规运营

Deepen Compliance Operation

公司严守法律底线，建立了横向到边、纵向到底的合规管理体系，不断规范企业行为，整改缺陷不足，促进企业治理提质增效。

CRCC continued to strictly abide by laws and regulations, established a horizontal-to-side and vertical-to-bottom compliance management system, constantly standardized the enterprise behavior, rectified the defects and promoted the improvement of quality and efficiency of enterprise governance.

坚持依法治企

Adhere to the rule of law

公司不断提升“法治铁建”建设水平，各单位建立合规委员会、首席合规官、合规办公室、专兼职合规官等合规管理组织架构；实行“1+9”合规管理制度，形成合规管理会议机制和季报、年报、咨询举报等报告机制；按照“自评为主、下管一级”的原则，开展合规风险评估；积极组织合规专题培训，并通过宣传宪法、学习民法典、知识竞赛等活动培育合规文化，增强全员合规意识；持续强化案件管理，着力开展案件“压存控增、提质增效”专项行动。

CRCC continued to improve the compliance of “rule-under-law CRCC”, established compliance management organization structure such as Compliance Committee, Chief Compliance Officer, Compliance Office, full-time and part-time compliance officer, implemented the “1+9” compliance management system, formed the compliance management conference mechanism, quarterly report, annual report, consultation report and other reporting mechanisms; CRCC has carried out the compliance risk assessment according to the principle of “self-assessment as the main task and the subordinate assessment as the second”, actively organized the specific training on compliance, cultivated the compliance culture through publicity of the Constitution, study of the Civil Code and knowledge contest, so as to raise the awareness of compliance of all staff; it has continuously strengthened the case management, and carried out special actions of “reducing the number of remaining cases and controlling the increase of cases, improving quality and creating efficiency”.



凝心·以守正行稳健发展之道
Unite the People and Keep the Path of Steady Development

2020

共完成审计项目

3236 项

A total of 3,236 audit projects were completed



提出意见和建议

14391 条

14,391 pieces of opinions and suggestions were put forward



强化审计监督

Strengthen audit and supervision

公司坚持“业审结合、审审结合、审改结合、审技结合”基本指引，加快推进总审计师制度，已设立总审计师 67 位；积极完善“规定+办法+审计指南”制度体系，加快审计信息化建设；深入开展审计专项调查，创新审计结果运用，建立完善整改追责台账。2020 年，共完成审计项目 3236 项，提交审计报告 3288 份，提出意见和建议 14391 条，被采纳 13675 条，采纳率达 95%；新建制度 241 项，修订制度 373 项；连续 18 年获得“全国内部审计先进集体”荣誉称号。

CRCC continued to adhere to the basic guidelines of “combination of business and audit, combination of audit and audit, combination of audit and reform, and combination of audit and technology”, sped up the promotion of the chief auditor system, and had 67 chief auditors; CRCC has actively improved the system of “regulations + methods + audit guidelines” and sped up the construction of audit informatization; carried out in-depth special audit investigation, innovated the application of audit results, and established and improved the rectification accountability account. In 2020, a total of 3,236 audit projects were completed, 3,288 audit reports were submitted, 14,391 opinions and suggestions were put forward, and 13,675 were adopted, with an adoption rate of 95%; 241 new rules were established and 373 rules were revised; CRCC has been awarded the honorary title of “National Advanced Collective of Internal Audit” for 18 consecutive years.

风险内控管理

Risk internal control management

公司以“强内控、防风险、促合规”为管控目标，通过制度修订、流程梳理、预警体系建立等举措，全面优化风险内控管理；重点监测海外风险、安全风险、金融风险、投资风险、法律风险、合规风险、舆情风险等企业重大风险，并积极采取措施强化企业防范化解重大风险全过程管控；将风险内控管理嵌入业务流程，组织内部控制评价考核，大力推动内控缺陷整改；促进风险内控宣贯工作常态化，增强员工风险防控意识，切实提升内控体系有效性。

CRCC has taken “strengthening internal control, preventing risk and promoting compliance” as the risk control objective, and comprehensively optimized risk internal control management through rules revision, process restructuring, early warning system establishment and other measures; CRCC has focused on monitoring overseas risks, security risks, financial risks, investment risks, legal risks, compliance risks, public opinion risks and other major risks of the Company, and actively taken measures to strengthen the whole process management and control of enterprises to prevent and resolve major risks; embedded risk internal control management into business process, organized internal control evaluation and assessment, and vigorously promoted the rectification of internal control defects; promoted the normalization of risk internal control publicity and implementation, enhanced the employees’ awareness of risk prevention and control, and effectively improved the effectiveness of internal control system.

推进廉政建设

Promote Clean Government Construction

公司深入贯彻落实中央八项规定精神，以永远在路上的执着，持续加强党风廉政建设和反腐败工作，强化政治监督，压实管党治党政治责任，构建“不敢腐、不能腐、不想腐”的体制机制；开展“知敬畏守底线、严监管强执行”反腐倡廉宣传教育月活动；抓好巡视整改，扎实做好“后半篇文章”；严肃执纪问责，加大典型案件通报曝光力度，推动全面从严治党向纵深发展，营造风清气正的良好政治生态。2020 年，公司在全系统范围内召开警示教育大会 2 次，对所属单位开展财务资金管理专项巡视，覆盖率 100%。

CRCC has thoroughly implemented the spirit of the eight-point regulations of the Central Committee, continued to improve the Party conduct, clean government and anti-corruption work, strengthened political supervision, strengthened the Party’s political responsibility for governing its own affairs, and constructed the system and mechanism of “dare not, cannot and do not want to be corrupt” with persistent efforts on the road forever; carried out the anti-corruption publicity and education month activity of “knowing, awe, keeping the bottom line, strict supervision and strong implementation”; CRCC has paid attention to inspection and rectification, especially the implementation of the rectification; CRCC has strictly enforced discipline and accountability, increased the exposure of typical cases, promoted the development of strict party governance in an all-round way, and created a good political environment with clean and upright atmosphere. In 2020, CRCC has held two warning education conferences across the Company and carried out special inspection on financial fund management of affiliated units, with a coverage rate of 100%.

案例 | Case

开展纪检人员专业培训

Carry out specialized training for discipline inspection personnel

为规范和加强纪委信访、案管及审理工作，提高监督执纪问责水平，中国铁建纪委举办了信访、案管、审理人员培训班，培训内容涵盖信访举报及问题线索处置、纪律审查及案件审理、讲解《纪检监察机关处理检举控告工作规则》、案件管理系统应用、研讨审理工作办法等监督执纪全流程。通过培训增强了纪检人员把握运用党内法规及政策水平，提升了纪检人员综合素质和尽责履职能力，有效发挥监督保障执行、促进完善发展作用。

In order to standardize and strengthen the work of complaint reporting, case management and handling of the Commission for Discipline Inspection, and raise the level of accountability for supervision and discipline enforcement, the Commission for Discipline Inspection of CRCC has carried out specialized training courses for staff working for the complaint reporting, case management and handling. The training contents covered the whole process of supervision and enforcement, including complaint reporting and problem clue handling, disciplinary review and case handling, explanation of the



信访案管审理人员培训班

A seminar for petition case acceptors

Working Rules for Handling Complaints by Discipline Inspection and Supervision Organs, application of case management system, and application of case management system, and the discussion and review of the work methods. Through the training, the discipline inspection personnel have been enhanced to grasp and apply the Party’s regulations and policies, improved their comprehensive quality and ability to fulfill their duties, and effectively play their role in supervising and guaranteeing the implementation and promotion of the improvement and development of the Party.

创造价值回报

CREATE VALUE RETURN

公司坚持打造“品质铁建”中心工作，以提高发展质量和效益为中心，抢抓国家加大“新基建”和传统基础设施建设力度的机遇，推进改革创新，加快转型升级，强化管理提升，全年目标顺利完成，主要经济指标逆势增长。

CRCC adhered to the central work of “High-Quality CRCC”, focused on improving the quality and efficiency of development, seized the opportunity of strengthening the construction of “new infrastructure” and traditional infrastructure, promoted reform and innovation, sped up transformation and upgrading, and strengthened management improvement. The Company has achieved the annual goal successfully, and the key economic indicators have bucked the trend.

提升经济绩效

Improve Economic Performance

2020年，公司新签合同额 25542.887 亿元，同比增长 27.28%；完成营业收入 9103.248 亿元，同比增长 9.62%；实现净利润 257.087 亿元，同比增长 13.64%；资产总额 12427.928 亿元，同比增长 14.94%。

In 2020, the newly signed contract amount of the Company was RMB 2554.2887 billion, with a year-on-year growth of 27.28%; The operating revenue reached RMB 910.3248 billion, up 9.62% year on year; The net profit was RMB 25.7087 billion, a year-on-year increase of 13.64%; The total assets reached RMB 1242.7928 billion, up 14.94% year on year.



合规披露信息

Compliance Disclosure Information

公司严格按照上市地上市规则的要求，真实、准确、完整、及时、公平地向股东及中小投资者披露信息，不断增强披露内容的针对性和有效性，提高信息透明度。2020年，公司在上海证券交易所、香港联交所共披露各类中英文文件 429 份，使中小投资者能够及时了解公司的最新动态和生产经营情况。

The Company has strictly followed the requirements of the listing rules of the place of listing, disclosed information to shareholders and small and medium investors in a true, accurate, complete, timely and fair manner, continuously enhanced the pertinence and effectiveness of the disclosure content, and improved information transparency. In 2020, the Company has disclosed a total of 429 documents in both Chinese and English on the Shanghai Stock Exchange and the Hong Kong Stock Exchange, enabling small and medium investors to keep abreast of the latest news and production and operation situations.

注重沟通交流

Pay Attention to Communication

公司高度重视与投资者的交流，通过业绩说明会、投资者关系热线电话、专用邮箱、“上证 e 互动”平台、反向路演等方式，及时回复投资者提出的问题，建立与中小投资者的良性互动关系。2020年，公司共安排投资者和分析师见面会及电话会 38 场，接待来访 567 人次；参加投资者和分析师会议 31 次，接待投资者 64 场 515 人次；召开业绩发布会 4 次，接待机构投资者 409 人次；组织路演 2 次，安排会议 33 场，接待投资者 153 人次。

The Company has attached great importance to the communication with investors, and responded to the questions raised by investors in timely manner through the performance presentation meetings, investor relations hotline, special email, “Shanghai Stock Exchange E-interaction” platform, reverse roadshow and other ways, etc., so as to establish a sound interactive relationship with small and medium investors. In 2020, the Company arranged a total of 38 meetings and telephone conferences for investors and analysts, and received 567 person-times visits; the Company arranged to attended the investor and analyst meetings for 31 sessions, received 64 visits from investors with a total of 515 people; the Company hold four performance press conferences and received 409 person-times investors; the Company organized 2 roadshows, arranged 33 meetings and received 153 person-times investors.



凝心·以守正行稳健发展之道
Steady Development



中国铁建以建设精品工程为目标，实施创新驱动发展，严抓质量管理工作，筑牢安全生产防线，为客户提供优质满意的产品与服务。

CRCC aims to build high-quality projects, implement innovation-driven development, strictly control quality management, build a safe production line, and provide customers with high-quality and satisfactory products and services.

筑梦·以创新铸品质发展之魂

Build a Dream for the Innovation-driven
High Quality Development

46 建设精品工程
Deliver High-quality Projects

56 严抓安全生产
Make Strict Efforts to Ensure
Work Safety

51 加强科技创新
Strengthen Scientific and Technological
Innovation

建设精品工程

DELIVER HIGH-QUALITY PROJECTS

公司紧紧围绕打造“品质铁建”中心工作，大力推进“1234+”项目管理思路，以在建项目为抓手，以高质量、高水平建设精品工程为目标，打造了京雄高铁、玉磨铁路、成绵苍巴高速公路、广州轨道交通 18 号线和 22 号线、天津地铁 6 号线、尼日利亚拉伊铁路、阿尔及利亚贝贾亚高速公路等一大批优质精品工程。

Focusing on the central work of building “High-quality CRCC”, the Company has vigorously promoted the “1234+” project management idea, taken the projects under construction as the starting point, and taken high-quality and high-level construction projects as the goal. It has built Beijing-Xiong'an High-speed Railway, Yuxi-Mohan Railway, Chengdu-Mianyang-Cangba Expressway, Guangzhou Rail Transit Line 18 and Line 22, Tianjin Metro Line 6, Nigeria Lagos-Ibadan railway, Algeria Bejaya Expressway and a large number of high-quality projects.

公司全年完成隧道 1173 折合公里、桥梁 1360 折合公里、正线铺轨 2756 公里、站线铺轨 516 公里、通信线路 6524 条公里、供电线路 5689 公里、公路 3029 公里、轻轨地铁 461 公里、房屋竣工面积 1946 万平方米、土石方 154776 万立方米。

Throughout the year, CRCC has completed 1173 kilometers of tunnels, 1360 kilometers of bridges, 2756 kilometers of main track laying, 516 kilometers of station track laying, 6524 kilometers of communication lines, 5689 kilometers of power supply lines, 3029 kilometers of highways, 461 kilometers of light rail and subways, 19.46 million square meters of houses and 1547.76 million cubic meters of earthwork.

2020	
全年完成隧道 1173 折合公里	CRCC completed 1,173 kilometers of tunnel mileage in the year
房屋竣工面积 1946 万平方米	An as-built area of 19.46 million square meters of houses were finished
土石方 154776 万立方米	We finished 1,547.76 million cubic meters of earthwork

完善质量管理

Improve Quality Management

公司持续完善质量管理体系建设，逐步推行以质量总监为核心的工程项目质量监督体系；扎实做好质量管理小组质量攻关活动和工程创优工作，提升工程质量水平；举办“全国质量月”活动、质量管理干部培训班，组织参加全国企业员工全面质量管理知识竞赛，培育全员质量意识；针对性开展隧道衬砌质量全面提升专项行动，建立铁路工程红线管理常态化工作机制。2020 年，公司所建工程一次交验合格率达 100%，荣获中国建设工程鲁班奖 6 项，国家优质工程金奖 6 项，国家优质工程奖 44 项。

CRCC has continued to improve the construction of quality management system, gradually implemented the project quality supervision system with the quality director as the core, strengthened efforts in the quality management team's quality research activities and creation of the best projects to improve the project quality level; CRCC has carried out “National Quality Month” activity, conducted quality management cadre training class, organized and participated in the national enterprise employee comprehensive quality management knowledge contest, cultivated the quality consciousness of all employees; carried out the special action of comprehensively improving the quality of tunnel lining, and established the normalized working mechanism of red line management of railway engineering. In 2020, the one-time acceptance rate of the Company's projects reached 100%, and was honored 6 Luban Awards of China Construction Engineering, 6 Gold Awards of National Quality Engineering and 44 National Quality Engineering Awards.

单位 Unit	2020 年度中国建设工程鲁班奖获奖工程 Winning Project of 2020 China Construction Engineering Luban Award	2020 年度中国建设工程鲁班奖获奖单位 Winners of 2020 China Construction Engineering Luban Award
1	南宁市轨道交通 3 号线一期工程 (科园大道~平乐大道) Nanning Rail Transit Line 3 Phase I Project (Keyuan Avenue to Pingle Avenue)	中国铁路股份有限公司 China Railway Construction Corporation Limited
		中铁十八局集团有限公司 China Railway 18th Bureau Group Co., Ltd.
		中铁二十五局集团有限公司 China Railway 25th Bureau Group Co., Ltd.
		中铁十一局集团有限公司 China Railway 11th Bureau Group Co., Ltd.
		中铁十二局集团有限公司 China Railway 12th Bureau Group Co., Ltd.
		中铁十六局集团有限公司 China Railway 16th Bureau Group Co., Ltd.
		中铁十九局集团有限公司 China Railway 19th Bureau Group Co., Ltd.
		中铁二十局集团有限公司 China Railway 20th Bureau Group Co., Ltd.
		中国铁路电气化局集团有限公司 China Railway Construction Electrification Bureau Group Co., Ltd.
		中国铁路大桥工程局集团有限公司 China Railway Construction Bridge Engineering Bureau Group Co., Ltd.
2	武汉市轨道交通 8 号线一期工程 Wuhan Rail Transit Line 8 Phase I Project	中铁十四局集团有限公司 China Railway 14th Bureau Group Co., Ltd.
		中铁十四局集团大盾构工程有限公司 China Railway 14th Bureau Group Shield Engineering Co., Ltd
		中铁十一局集团电务工程有限公司 China Railway 11th Bureau Group Electrical Engineering Co., Ltd
		中铁十二局集团电气化工程有限公司 China Railway 12th Bureau Group Electrification Engineering Co., Ltd
3	长影海南生态文化产业园中国区 Changying Hainan Ecological and Cultural Industrial Park China Area	中铁建设集团有限公司 China Railway Construction Group Co., Ltd.
		中铁建设集团南方工程有限公司 China Railway Construction Group Southern Engineering Co., Ltd
		中铁建设集团设备安装有限公司 China Railway Construction Group Equipment Installation Co., Ltd
4	新建吉安西站站房及相关工程 New Ji'an West Station and related projects	北京中铁装饰工程有限公司 Beijing China Railway Decoration Engineering Co., Ltd
		中铁建设集团有限公司 China Railway Construction Group Co., Ltd.
5	北京新机场南航基地项目 China Southern Airlines Base Project of Beijing Daxing Airport	北京中铁装饰工程有限公司 Beijing China Railway Decoration Engineering Co., Ltd
		中铁建设集团有限公司 China Railway Construction Group Co., Ltd.
		中铁建设集团北京工程有限公司 China Railway Construction Group Beijing Engineering Co., Ltd
6	广西大学君武文化艺术教育中心项目 Junwu Culture and Art Education Center of Guangxi University	中铁建设集团设备安装有限公司 China Railway Construction Group Equipment Installation Co., Ltd
		中铁建设集团有限公司 China Railway Construction Group Co., Ltd.
		中铁建设集团南方工程有限公司 China Railway Construction Group Southern Engineering Co., Ltd
		中铁建设集团设备安装有限公司 China Railway Construction Group Equipment Installation Co., Ltd

筑梦·以创新铸品质发展之魂
Build a Dream for the Innovation-driven High Quality Development

案例 | Case

首个“园林建筑工程”鲁班奖

The first Luban Award of "Landscape Architecture Engineering"

中铁建设集团有限公司承建的长影海南生态文化产业园中国区是拥有五大主题分区的大型电影主题游乐园、海南旅游新地标，既是海南省文化旅游产业一号工程，也是生态修复工程的代表项目。施工中，项目部始终坚持高标准、严要求，将创优目标贯彻到工程策划的各个细部及施工生产的各个环节。工程建设结合了国家“一带一路”倡议，各个区域景观设计风格迥异，建筑群体通过现实与幻想的结合，以现代手法演绎出历史印记，精湛的 TCP 水泥直塑等新工艺重现了千百年前旧日情景。该工程成为中国铁建首个以“园林建筑工程”类别荣获“鲁班奖”的项目。

The Changying Hainan Ecological and Cultural Industrial Park China Area is contracted by China Railway Construction Group Co., Ltd. It is a large-scale movie theme amusement park with five theme zones, and the new tourism landmark in Hainan. It is not only the No.1 Project of Hainan cultural and tourism industry, but also the representative project of ecological restoration project. During the construction, the project department has been always adhering to high standards and strict requirements, and implementing the goal of creating excellence in every detail of project planning and every link of construction and production. The engineering construction combined with the "Belt and Road" initiative, and the landscape design styles of different regions were different. Through the combination of reality and fantasy, the building complex used modern techniques to interpret the historical imprints, and the exquisite TCP cement direct molding and other new techniques reproduced the old scene hundreds of years ago. This project has become the first project of CRCC to win the "Luban Award" in the category of "Landscape Architecture Project".



长影海南生态文化产业园

Hainan Ecological and Cultural Industrial Park of Changchun Film Studio Group

案例 | Case

高科技精品工程——中国“天眼”

High-tech quality project - FAST

被誉为中国“天眼”的500米口径球面射电望远镜（FAST），是我国具有自主知识产权、世界最大单口径、最灵敏的射电望远镜，也是国家科教领导小组审议确定的九大科技基础设施之一。作为FAST项目建设中的一支重要力量，中铁十一局集团第二工程有限公司先后参与了项目的进场道路、台址开挖、引水隧洞、科研综合楼等土建工程。面对地质结构复杂、技术难度高、工期紧张、安全风险大等情况，该公司积极开展科技攻关，优化施工方案，克服了危岩分部范围广、高边坡开挖和支护危险、排水隧道复杂等困难，安全顺利地完成了工程建设任务，建成了一系列与FAST高科技含量相匹配的精品工程。该项目主体工程荣膺“国家优质工程金奖”。

The 500-meter aperture spherical radio telescope (FAST), known as China's "Eye of Heaven", is the largest single aperture and most sensitive radio telescope in the world with independent intellectual property rights of China. It is also one of the nine major scientific and technological infrastructures approved by the National Leading Group of Science and Education. As an important force in the construction of FAST project, the 2nd Engineering Co., Ltd. of China Railway 11th Bureau Group has successively participated in the civil works of access road, platform site excavation, diversion tunnel, scientific research complex building, etc. In the face of complex geological structure, high technical difficulty, tight construction schedule and high safety risk, the Company actively carried out scientific and technological research, optimized the construction scheme, overcame the difficulties of wide range of dangerous rock sections, high slope excavation and support risks, and complex drainage tunnel, completed the project construction task safely and smoothly, and built a series of high-quality projects that match the high-tech content of FAST. The main part of the project won the "National Quality Project Gold Award".



500米口径球面射电望远镜（FAST）项目主体工程

Main project of Five-hundred-meter Aperture Spherical Telescope (FAST)

提供优质服务

Provide quality services

公司秉承“以客户为中心”的服务理念，坚定履行对客户的每一份承诺，切实保障客户权益。建立全方位服务体系，创新客户服务模式，开展客户关系管理，畅通客户反馈渠道，为客户提供安全、可靠、优质、高效的服务，持续提升客户满意度。

CRCC has adhered to the “customer-centered” service concept, firmly fulfilled every commitment to customers, and effectively protected the rights and interests of customers. The Company has established a comprehensive service system, innovated customer service mode, carried out customer relationship management, made customer feedback channel smooth, provided customers with safe, reliable, high-quality and efficient service, and continuously improved customer satisfaction.

案例 | Case

打通服务“最后一公里”
Open up the service of “last mile”

中铁建设集团北京中铁建工物资有限公司历时四年打造的智能物流服务平台于2020年投入使用，该平台与第三方交管平台互通连接，实现车辆与司机信息的精准实时审核，不仅保障了货物安全，还能够实时查看运输订单状态，最大程度地满足客户需求。该公司以优质服务撬动优质客户市场，先后为北京大兴国际机场、北京朝阳站、雄安容东片区安置房、天津国家会展中心等数十个京津冀地区重点工程供应钢材，累计供货量超100万吨。12月，该公司凭借“100%保证质量”和“100%保证服务”，获评“2020年度全国供应链服务商60强”。

The intelligent logistics service platform built by China Railway Construction Group Beijing China Railway Construction Materials Co., Ltd. for four years was launched in 2020. The platform is interconnected with the third-party traffic management platform to realize accurate and real-time audit of vehicle and driver information. It not only ensures the safety of goods, but also can view the status of transportation orders in real time to meet the needs of customers to the greatest extent.

The Company has made access to the high-quality customer market with high-quality service, and successively supplied steel for dozens of key projects in Beijing, Tianjin and Hebei region, such as Beijing Daxing International Airport, Beijing Chaoyang Station, resettlement housing in Rongdong area of Xiong'an, Tianjin National Convention and Exhibition Center, with a total supply of over 1 million tons. In December, with “100% Quality Guarantee” and “100% Service Guarantee”, the Company was awarded “Top 60 National Supply Chain Service Providers in 2020”.



向雄安市民服务中心如期供应钢材
Supplying steel to Xiong'an Citizen Service Center as scheduled

加强科技创新

STRENGTHEN SCIENTIFIC AND TECHNOLOGICAL INNOVATION

公司坚持以创新驱动发展，大力实施“科技兴企、科技强企”战略，加强科技创新及管理体系建设，培育科技人才，强力推动科技成果转化，技术创新能力显著提高。

CRCC has adhered to innovation-driven development, vigorously implemented the strategy of “Invigorating and Strengthening Enterprises with Science and Technology”, reinforced the construction of sci-tech innovation and management system, cultivated sci-tech talents, promoted the transformation of scientific and technological achievements, and significantly improved the technological innovation capacity.

2020. 我们的荣誉

In 2020, CRCC was awarded:



获省部级科学技术奖 **107** 项

107 Provincial and Ministerial-level Science and Technology Awards



获省部级勘察设计咨询奖 **176** 项

176 Provincial and Ministerial-level Survey and Design Consulting Awards



获中国土木工程詹天佑奖 **11** 项

11 Tien-yow Jeme Civil Engineering Prize



获中国建设工程 BIM 大赛一类成果 **3** 项

3 First-class Results of China Construction Engineering BIM Competition



获《工程新闻纪录 (ENR)》全球最佳工程奖 **1** 项

1 “Engineering News Record (ENR)” Global Best Engineering Award

筑梦·以创新铸品质发展之魂
Build a Dream for the Innovation-driven High Quality Development

案例 | Case

crcc荣膺中国土木工程詹天佑奖
Be Awarded Tien-yow Jeme Civil Engineering Prize

中铁十八局集团有限公司承建的云桂铁路南盘江特大桥，位于云南省红河州弥勒市与文山州丘北县交界处，大桥全长852.43米，主桥单跨416米，桥面凌空高出江面270米，是世界上客货共用高速铁路最大跨度的上承式钢筋混凝土劲性骨架拱桥，施工难度位居世界同类桥梁前列，被列为我国铁路桥梁重点科研攻关项目。历时6年先后攻克了大体积混凝土裂缝综合预控、劲性骨架厂内与工地相结合的加工制作、锚碇系统及一次调锁等世界级技术难题，取得了41项科研成果，填补了多项国内外空白，获得中国土木工程詹天佑奖。

The Nanpan River Bridge of Yunnan-Guangxi Railway, contracted by China Railway 18th Bureau Group Co., Ltd. is located at the junction of Maitreya City in Honghe Prefecture and Qiubei County in Wenshan Prefecture, Yunnan Province. The total length of the bridge is 852.43 meters, the single span of the main bridge is 416 meters, and the deck is 270 meters above the river. It is an upper bearing reinforced concrete rigid frame arch bridge with the largest span for high-speed railway



云桂铁路南盘江特大桥
Nanpanjiang Super Major Bridge on Yunnan-Guangxi Railway

between passengers and cargo in the world, and its construction difficulty ranks among the top of similar bridges in the world and is listed as a key research project of railway bridges in China. It took six years to overcome the world-class technical problems such as the comprehensive pre-control of large-volume concrete cracks, the processing and manufacturing of the rigid framework in the factory and the construction site, the anchorage system and the primary lock adjustment. It has achieved 41 research achievements, filled a number of gaps at home and abroad, and won the China Civil Engineering Tien-yow Jeme Award.

2020

公司科技投入达
186.060 亿元
We have invested RMB **18.606** billion in science and technology

现拥有
国家级创新平台
23 家
At present we own **23** national innovation platforms

享受国务院
特殊津贴专家
264 人
Our **264** experts enjoy the special allowance of the State Council

scientific and technological innovation. CRCC has officially established the Expert Committee. The construction of the first batch of engineering laboratories (R & D Centers) has entered the acceptance stage, laying a solid foundation for building an innovation-driven engine. The Company has attached great importance to the construction of scientific and technological talent team, adhered to the key and difficult projects as the basis, improved technical and scientific research ability, and cultivated a number of high-level scientific and technological innovation teams and talents to effectively play the role of a new force and provide intellectual support for the Company's innovation and development.

2020年，公司科技投入达186.060亿元，现拥有国家级创新平台23家，博士后科研工作站14家，中国工程院院士1人，国家勘察设计大师11人，“百千万人才工程”国家级人选12人，“万人计划”中青年科技创新领军人才1人，“万人计划”青年拔尖人才1人，享受国务院特殊津贴专家264人。

In 2020, CRCC has invested RMB 18.606 billion in science and technology. By far, it has 23 national innovation platforms, 14 postdoctoral research workstations, 1 academician of Chinese Academy of Engineering, 11 national survey and design masters, 12 national candidates for the "Millions of Talents Project", 1 young and middle-aged scientific and technological innovation leader in the "Ten Thousand Talents Plan" and 1 young top-notch talent in the "Ten Thousand Talents Plan", 264 experts enjoy the special allowance of the State Council.

案例 | Case

首家创新工作室联盟成立
The first innovation studio alliance was established

为实现工作室创新攻关能力更强、服务范围更

大、成果转化更快、对员工引领带动作用更好、服务企业高质量发展更实等目标，中国铁建整合全系统人才、专业、技术、产业链四大资源，着力推进首批由21家二级单位参与、70个劳模和工匠人才创新工作室为成员的中国铁建劳模和工匠人才创新工作室联盟，打造员工创新创造平台3.0版本。首批创新工作室联盟分设大盾构、城市轨道交通、TBM、材料试验、电气化、BIM等6个专业类别。2020年12月，首家创新工作室联盟——“中国铁建材料试验创新工作室联盟”揭牌成立。

In order to achieve the goals of stronger innovation ability, wider service scope, faster achievement transformation, better leading and driving role for employees, and more practical service for high-quality development of enterprises, CRCC has integrated the four resources of talents, expertise, technology, and industrial chain across the Company, and made efforts to promote the construction of the first batch of CRCC labor model and craftsman talent innovation studio alliances. These alliances are composed of 21 secondary units and 70 model workers and craftsman talent innovation studios to build employee innovation platform Version 3.0. The first batch of innovative studio alliances consists of six professional categories, including large shield, urban rail transit, TBM, material testing, electrification, BIM, etc. In December 2020, the first innovation studio alliance - "CRCC Materials Testing Innovation Studio Alliance" was inaugurated.

夯实创新机制

Enhance Innovation Mechanism

公司持续深化科技创新管理体制机制，建立以企业为主体、市场为导向、五级平台为依托的科技创新基本架构，形成科技创新领导决策体系和“1+N”制度体系。正式成立中国铁建专家委员会，首批工程实验室（研发中心）筹建工作进入验收准备阶段，为打造创新驱动引擎夯实基础。公司高度重视科技人才队伍建设，坚持以重难点项目为依托，提高技术研究和科研能力，培育出一批高层次科技创新团队和创新人才，有效发挥生力军作用，为公司创新发展提供智力支撑。

CRCC has continued to deepen the management system and mechanism of scientific and technological innovation, established the basic framework of scientific and technological innovation with the Company as the main body, the market as the guidance and the five-level platform as the basis, and formed the leading decision-making system and "1+N" system of

推动成果转化

Promote the Transformation of Achievements

2020

新增授权专利

5099件

New 5,099 patents were authorized



累计拥有有效专利

19072件

So far we have owned a total of 19,072 valid patents

公司全力加强科技创新，组织关键核心技术攻关，解决技术难题，高度重视知识产权保护，持续推进科研成果转化运用，积极承担和参与国家重大科技项目，并着手技术标准编制工作。2020年，公司新增授权专利5099件，创历年之最，其中涉外专利13件、发明专利481件，累计拥有有效专利19072件，联合主导发布国际标准4项，主持和参与国家标准5项、行业标准15项、地方标准28项，获省部级工法267项，持续推进“城市地下大空间开发利用”国家级系列课题研究。

CRCC has made every effort to strengthen scientific and technological innovation, organized key core technology research, solved technical problems, attached great importance to intellectual property protection, continuously promoted the transformation and application of scientific research achievements, actively undertaken and participated in national major scientific and technological projects, and started the preparation of technical standards. In 2020, the Company was granted 5,099 new authorized patents, hitting the record of the Company's history. Among them, there were 13 foreign-related patents and 481 invention patents, with a total of 19,072 valid patents. The Company has jointly led the release of 4 international standards, presided over and participated in 5 national standards, 15 industrial standards, 28 local standards, and 267 provincial and ministerial-level construction methods, and continued to promote a series of national research projects on "Development and Utilization of Urban Underground Large Space".

2020. 我们的成就

Our Achievements



——首批国家专利运营试点企业；

The first batch of national patent operation pilot enterprises;



——建筑类中央企业中，首家国家知识产权示范企业；

The first national intellectual property demonstration enterprise among construction Central SOEs;



——国家知识产权局专利审查员实践基地；

Practice base for patent examiners of State Intellectual Property Office;



——中国专利保护协会会长单位；

President unit of China Patent Protection Association;



——中国知识产权发展联盟理事单位。

Council member of China Intellectual Property Development Alliance.

案例 | Case

知识产权保护工作迈上新台阶
Intellectual property protection reached a new level

2020年，中铁第一勘察设计院集团有限公司累计获得授权专利1036件，其中发明专利168件、实用新型专利850件、外观设计专利18件，超额完成“十三五”科技发展规划目标，知识产权保护工作迈上了新的台阶。该公司长期以来积极承担重大科技课题、开展勘察设计基础技术研究，取得了一批原创性科技成果，形成一大批科研支撑力强、产业化前景好的专利组合，巩固了核心技术的引领地位，对抢占知识产权保护高地起到了积极作用。

In 2020, China Railway First Survey and Design Institute Group Co., Ltd. was granted a total of 1,036 authorized patents, including 168 invention patents, 850 utility model patents and 18 appearance design patents, exceeding the goal of the 13th

Five-Year Plan for scientific and technological development, and the intellectual property protection work has reached a new level. For a long time, the Company has actively undertaken major scientific and technological projects, carried out basic technology research of survey and design, achieved a number of original scientific and technological achievements, formed a large number of patent portfolio with strong scientific research support and good industrialization prospect, consolidated the leading position of core technology, and played a positive role in seizing the highland of intellectual property protection.



● 专利证书

Patent certificate

严抓安全生产

MAKE STRICT EFFORTS TO ENSURE WORK SAFETY

公司始终坚持“生命至上、安全第一”的发展理念，切实提高安全生产政治站位，开展安全生产专项整治三年行动，提升安全生产管理水平，深化隐患排查治理机制，加强员工安全教育培训。2020年，公司未发生重特大安全事故。

CRCC has always adhered to the development concept of “life foremost, safety first”, effectively improved the political position of safety production, carried out three-year campaign of special rectification of safety production, improved the level of safety production management, deepened the hidden danger troubleshooting and governance mechanism, and strengthened the safety education and training of employees. In 2020, the company had no major safety accidents.

健全安全管理

Improve Safety Management

公司持续加强安全生产管理，健全责任体系，完善考核问责机制，按照“党政同责、一岗双责、齐抓共管、失职追责”的要求，层层压实岗位责任；坚持以技术和生产方式创新确保安全，通过强化安全信息化建设、推广机械化减人、推行工厂化生产、提升专业化施工能力等措施守住安全底线；加强一线安全生产管理，提升事故应急处置能力，强化违规整治及正向激励。2020年，公司安全生产投入143.567亿元。

CRCC has continued to strengthen the safety production management, improved the responsibility system, improved the assessment and accountability mechanism, and consolidated the post responsibility level by level in accordance with the requirements of “Party and government have same responsibility, one position with two responsibilities, joint management and accountability for dereliction of duty”; CRCC has adhered to the innovation of technology and production mode to ensure safety, and kept the bottom line of safety by strengthening the construction of safety informatization, promoting mechanization to reduce personnel, promoting factory production, and improving professional construction capacity; CRCC has strengthened the front-line safety production management, improved the ability of emergency response, strengthened regulation of violations and positive incentives. In 2020, the Company has invested RMB 14.3567 billion in safety production.

2020

公司安全生产投入

143.567 亿元

The Company has invested RMB **14.3567** billion in work safety

案例 | Case

筑牢安全生产根基

Build a solid foundation for work safety

中铁二十二局集团有限公司按公司要求独立设置安全监督部门，并为所属工程公司配备专职安全总监，进入领导班子序列，不断完善各级安全监督管理制度建设；积极构建“风险管控”和“隐患排查”安全管理双控体系，大力推广“智管云”信息系统，对高风险工程进行实时视频监控；以文化引领为导向，构建特色安全理念体系；通过精神与物质的双重激励，调动全员安全生产积极性；选树标杆，促进各项目对标先进、查找漏洞、提高管理水平。

China Railway 22nd Bureau Group Co., Ltd. set up safety supervision department independently according to the requirements of CRCC, appointed full-time safety directors(who belong to the leading team) for its affiliated engineering companies, and constantly improved the construction of safety supervision and management system at all levels; it actively built “risk control” and “hidden danger troubleshooting” safety management dual-control system, vigorously promoted the “intelligent management cloud” information system, and carried out real-time video monitoring for



◆ 智管云监控系统

Intelligent management cloud monitoring system

high-risk projects. Guided by culture, the Company has built a safety concept system with distinctive features. Through the double incentive of spirit and material, the Company has mobilized the enthusiasm of all its employees in safety production. Through selecting and setting benchmark, the Company promoted the advancement of the benchmarking of various projects with the advanced project, found loopholes and improved the management level.

排查安全隐患

Troubleshoot Hidden Danger

公司持续深化安全风险管理与隐患排查治理，扎实开展安全生产集中整治，聚焦安全生产重点，加强安全值守和巡查监控，强化安全排查的超前意识、主动意识、责任意识，落实安全防范措施和应急准备，坚决消除各类安全事故隐患，有效遏制安全事故的发生。

CRCC has continued to deepen the safety risk management and hidden danger troubleshooting and governance, took solid steps to centralize safety production, focused on the key points of safety production, strengthened the safety on duty and patrol monitoring, strengthened the advanced consciousness, initiative consciousness and responsibility consciousness of hidden danger investigation, implemented the safety prevention measures and emergency preparation, and resolutely eliminated all kinds of safety accident and hidden danger, effectively curbed the occurrence of safety accidents.

案例 | Case

确保隐患排查整改“全闭环”
Ensure the “full closed-loop” of hidden danger troubleshooting and rectification

中铁二十五局集团有限公司把消除事故隐患作为预防事故的有效手段，加强源头和过程管控，形成集团、工程公司两级检查通报制度；对重大安全隐患，明确整改责任人、时间、措施和验证人；利用物联网、BIM、“5G+安全管理”等先进技术手段，建设或升级改造隐患排查治理信息化系统，并在重庆地铁9号线等重点项目推行应用，对高风险工程、重大风险源、危险作业、进场机械设备等进行有效管控，大大提升安全管理实效；将安全智慧管理系统与安全管理岗位责任清单制度相结合，使安全管理形成完整的闭环整改链条。

China Railway 25th Bureau Group Co., Ltd. has taken the elimination of hidden danger as an effective means to prevent accidents, strengthened the source and process control, and formed a two-level inspection and notification system of the group and the engineering company; for major hidden danger, the company has clarified the person responsible for rectification, and the time, measures and verifiers; it has used the Internet of Things, BIM, “5G + Safety Management” and other advanced technical means, built or upgraded the hidden danger troubleshooting and management information system, and implemented the application in Chongqing Metro Line 9 and other key projects, so as to effectively control the high-risk projects, major risk sources, dangerous operations, and on-site mechanical equipment, and to greatly improve the effectiveness of safety management; the company has incorporated the safety intelligent management system into safety management post responsibility list system to form a complete closed rectification chain for safety management.



● 重庆地铁项目智慧工地
A smart construction site of the Chongqing Metro Project

加强安全宣教 Strengthen Safety Education

公司高度重视员工安全教育培训，大力开展系列安全生产教育活动，通过举办安全培训班、安全知识竞赛，实施安全应急演练等方式，提高全员安全意识。2020年，公司安全生产教育培训26790人次。

CRCC has attached great importance to staff safety education and training, vigorously carried out a series of safety production education activities, and enhanced the safety awareness of all employees by holding safety training classes, safety knowledge competitions, and implementing safety emergency drills. In 2020, 26,790 person-times have received work safety education and training.

案例 | Case

万人在线观摩学习安全应急演练
Ten thousand people watch and leard safety emergency drill online

6月19日，中铁十六局集团第一工程有限公司中川机场项目部组织开展安全生产综合应急演练，包含高空坠落、基坑坍塌、物体打击、触电、火灾现场处置等内容。来自项目部的9个应急小组和地方消防、急救、2支专业救援队伍的100余人参演，200余名来宾现场观摩。演练现场设立直播观摩厅，通过“现场云”直播平台，面向全公司员工同步直播，累计2.36万人通过网络收看安全应急演练，互动留言200余条，达到了“一家演练、万人观摩、整体提升”的效果。

On June 19, the Zhongchuan Airport Project Department of the First Engineering Co., Ltd. of China Railway 16th Bureau Group Co., Ltd. organized a comprehensive emergency drill for safety production, including high-altitude falling, foundation pit collapse, object strike, electric shock, fire site disposal, etc. More than 100 people from 9 emergency teams of the project departments and local firefighting departments, first aid and 2 professional rescue teams took part in the performance, and more than 200 guests watched the performance.



● 应急演练现场
An emergency exercise site

A live broadcast hall was set up at the drill site. Through the “Live Cloud” platform, it was simultaneously broadcast to all employees of the company. A total of 23,600 people watched the safety emergency drill online, with more than 200 interactive messages, achieving the effect of “one drill+10000 people watching+overall improvement”.

筑梦·以创新铸品质发展之魂
Build a Dream for the Innovation-driven High Quality Development



中国铁建坚持“人才第一”理念，为员工搭建成长平台；广泛开展战略合作，与伙伴相互赋能、共享共赢；践行“海外优先”战略，助力当地经济社会发展。

CRCC adheres to the concept of “talent first” to build a growth platform for its employees, carries out extensive strategic cooperation, enabling each other with partners for win-win results, practices the “overseas first” strategy to help local economic and social development.

锦程·以提质蓄持续发展之力

Improve Quality for Sustainable
Development of a Glorious Future

62 坚持以人为本
Adhere to People-Oriented

72 彰显海外担当
Perform Overseas Responsibilities

68 推动行业进步
Promote Industry Progress

2020

新招高校毕业生

15806人



We recruited a total of 15,806 college graduates



公司员工总数

286242人

We boast a total of 286,242 employees

劳动合同签订率

The signing rate of labor contracts reached 100 percent

100%

社会保障覆盖率

The coverage of social security of employees reached 100 percent

100%

保障员工权益

Protect Employees' Legitimate Rights and Interests

坚持以人为本

ADHERE TO PEOPLE-ORIENTED

公司把员工对美好生活的向往作为奋斗目标，切实保障员工各项权益；建立完善的员工培训体系和职业发展通道，着力提升员工综合素质；关爱困难员工、女性员工和农民工等群体，丰富员工生活，营造幸福职场。2020年，公司贯彻落实稳岗扩就业部署，新招聘高校毕业生15806人，员工总数286242人。公司劳动合同签订率100%，社会保险覆盖率100%。

The Company has taken the employees' yearning for a better life as its goal, and earnestly protect the rights and interests of employees; the Company has established a sound employee training system and career development channel, and striven to improve the over-all competence of its employees; the Company has been caring for employees in need, female employees and migrant workers and other groups, and enriched the lives of employees and create a happy workplace. In 2020, the Company implemented the plan to stabilize posts and expand employment, and recruited 15,806 college graduates, with a total of 286,242 employees. The Company has achieved a full coverage of both the labor contract and the social insurance.

公司严格遵守《中华人民共和国劳动法》《中华人民共和国劳动合同法》等法律法规，规范用工行为，保障员工合法权益，确保常态化疫情防控期间劳动关系和谐稳定。完善职代会制度，健全职代会运行机制，落实平等协商、集体合同、民主评议领导干部等民主管理制度，从根本上维护员工合法权益；遵循平等雇佣原则，坚持同工同酬，不以国籍、种族、性别、年龄、宗教信仰等因素作为选择员工的条件，反对雇用童工和强迫劳动；完善薪酬福利体系，为员工提供具有市场竞争力的薪酬和形式多样的福利，建立规范的企业年金和补充医疗保险制度；严格执行国家有关法定假、婚假、丧假、产假等规定，推行灵活休假制度，鼓励员工带薪休假；规范员工信息保密机制，保护员工档案及体检报告等个人信息不被泄露；关注员工身心健康，加强劳动保护，做好新冠肺炎疫情防护，改善员工生产生活条件，定期组织员工体检，建立健全员工职业健康档案，开设心理讲座，缓解员工心理压力。

CRCC has strictly abided by the "Labor Law of the People's Republic of China" and "Labor Contract Law of the People's Republic of China" and other laws and regulations, standardized the employment, protected the legitimate rights and interests of its employees, and ensured the harmonious and stable labor relations during the normal epidemic prevention and control period. CRCC has improved the system of Workers' Congress, improved the operation mechanism of Workers' Congress, implemented democratic management systems such as equal consultation, collective contract and democratic evaluation of leading cadres, and

fundamentally protected the legitimate rights and interests of employees; CRCC abided by the principle of equal employment, insisted on equal pay for equal work, and has not taken nationality, race, gender, age, religious belief and other factors as the conditions for selecting employees, and opposed child labor and forced labor; CRCC has improved the remuneration and welfare system, provided employees with competitive salary and multiple welfare, and established a standardized enterprise annuity and supplementary medical insurance system; the Company has strictly implemented the state regulations on statutory leave, marriage leave, funeral leave and maternity leave, implemented a flexible leave system, and encouraged employees to take paid leave; the Company has standardized the confidentiality mechanism of employee information, protected personal information such as employee files and medical reports from disclosure; the Company has paid close attention to the physical and mental health of its employees, strengthened labor protection, made overall arrangements for COVID-19 epidemic prevention and control, improved the production and living conditions of employees, regularly organized physical examination for employees, established and improved employee occupational health files, and held psychological lectures to relieve the psychological pressure of employees.

案例 | Case

集体协商下的幸福感

Happiness under collective consultation

为强化民主管理，提升员工的幸福感、获得感，中铁二十五局集团有限公司以2020年三届一次职代会为契机，积极动员所属90余个项目部的4500余名一线员工就集体合同文本修订开展专题讨论，整理、采纳相关建议，并结合“工会主席接待日”、员工“微心愿”活动、工会干部走基层调研等意见内容，对原集体合同进行了128处修改，把维护员工权益、竭诚服务员工的具体要求写入其中，使得合同草案的员工协商率、同意率均达100%。

In order to strengthen democratic management and enhance employees' sense of happiness and acquisition, China Railway 25th Bureau Group Co., Ltd. has taken the opportunity of the 3rd Workers' Congress in 2020 to actively mobilize more than 4,500 front-line employees from more than 90 project departments to carry out special discussions on the revision of collective contract text, deliberated and adopted relevant suggestions, and combined with the opinions and suggestions of "Reception Day of Trade Union Chairman", the "Micro Wish" activity of employees, and the grassroots survey of Trade Union cadres, made 128 amendments to the original collective contract, including the specific requirements of safeguarding the legitimate rights and interests of employees and serving employees wholeheartedly, so that the negotiation rate and agreement rate of the draft contract reached 100%.



重视员工成长

Attach Importance to Employee's Growth

人才是公司发展的第一要素、第一资源、第一推动力。公司积极拓宽员工晋升渠道，畅通员工职业发展道路，为员工成长提供广阔平台；不断加大人才引进、培养力度，着力提升员工专业技能，力求打造高层次、高素质、高水准的人才队伍。2020年，公司员工培训投入81333万元，培训1059931人次。

Talent is the first element, the first resource and the first driving force of the Company's development. CRCC has actively expanded the promotion channels of employees, smoothed the career development path of employees, and provided a broad platform for the growth of its employees; the Company has continued to strengthen the introduction and training of talents, striven to improve the expertise and skills of employees, and striven to build a high-level and high-quality talent team. In 2020, the Company invested RMB 813.33 million in employees training and provided training for 1,059,931 person-times.

2020

公司员工培训投入 **81333** 万元

The Company invested RMB **813.33** million in employee training

员工培训 **1059931** 人次

We provided training for **1,059,931** person-times

案例 | Case

多措并举打造中青年人才孵化器

Take multiple measures to build an incubator for young and middle-aged talents

中国铁建港航局集团有限公司不断完善人才

选用和激励机制，为想干事、能干事的人提供位置和舞台。该公司建立“后备人才库”，实行动态管理，并通过公开竞聘等方式选拔优秀青年中层干部，激发青年人才干事创业活力；开办“港航大讲堂”系列讲座，以“线上+线下”双渠道开展培训；全面启动“1124人才培养工程”，深入一线挖掘人才，找准人才定位，制定专属培养方案，实施以来已培养上岗中青年干部448人、入库103人，为企业发展积蓄后劲。

China Railway Harbor and Channel Engineering Group Co., Ltd. has constantly improved the talent selection and incentive mechanism to provide appropriate position and development opportunities for the talents. The company has established a "Talent Reserve Pool", implemented dynamic management of it, and selected outstanding young middle-level cadres through open competition



港航大讲堂

Lecture Hall of Harbour and Channel Engineering Bureau

and other ways to stimulate the entrepreneurial vitality of young talents; the company has hold a series of lectures on "Port and Shipping Lecture Hall", and carried out training through "Online + Offline" dual channels; the company has launched the "1124 Talent Training Program" in an all-round way, explored the front-line talents, identified the talent orientation, and formulated the tailored training plan. Since the implementation of the Program, 448 young and middle-aged cadres have been trained, and 103 employees have been included the talent pool, accumulating the potential for the development of the company.

案例 | Case

“四字方针”做好新员工入职培训

Carry out employee induction training with "four character policy"

为帮助2020届新员工尽快完成角色转变，适应工作岗位，中铁十一局集团第五工程有限公司杭温铁路项目部多措并举，围绕“严、全、新、实”四字方针完成新员工培训。根据专业及岗位特点，“严”格筛选导师，拟订培训计划，完善考核制度，确保“导师带徒”实效；理论与案例相结合，“全”面丰富培训内容；开展主题教育、素质拓展活动，领导与新员工一对一谈心等，创“新”培训内涵；理论课程结束后，组织新员工深入施工一线，实地了解施工流程，夯“实”培训质量。

In order to help the new employees in 2020 to complete the role transition as soon as possible and adapt to their jobs, the Hangzhou-Wenzhou Railway Project Department of the Fifth Engineering Co., Ltd. of China Railway 11th Bureau Group Electrical Engineering Co., Ltd has adopted multiple measures to complete the new employee training around the four-character policy of "strict, comprehensive, new and practical". According to the expertise and job requirements, the company "strictly" selected mentors, formulated training plans, improved the assessment system, and ensure the effectiveness of "mentor guiding apprentice"; the Project Department combined theory with cases to enrich the training content "comprehensively"; the company carried out theme education, quality development activities, one-on-one talks between leaders and new employees, etc. to create the "novel" training connotation; after the theoretical course, new employees were organized to go deep into the front line of construction, understand the construction process on the spot, and improve the "practical" training quality.



师徒合影

A group photo of the master and apprentices

关爱员工生活

Care for Employees' Life

2020

工会投入资金

4034万元

The Trade Union invested RMB 40.34 million



重点改善偏远艰苦
工作生活环境项目

732个

Improved the working and living conditions for 732 remote projects



“两节”期间
筹集送温暖资金

8545万元

During the period of the Spring Festival and Lantern Festival, the Trade Union raised RMB 85.45 million to ensure the wellbeing of the employees



慰问劳模先进
生产一线员工
离退休员工以及农民工等

95730人

We delivered our financial assistance to 95,730 people including model workers, front-line workers, retired staff and migrant workers



公司重视人文关怀，持续关注员工诉求并改善员工生活条件，提升员工幸福指数。完善新形势下帮扶救助体系，做好普惠服务员工工作；健全常态化帮扶长效机制，持续跟踪帮扶和慰问关怀因重病、重灾等导致生活困难员工家庭；组织开展“两节”送温暖、金秋助学、暑期送清凉、防洪抢险等专项慰问工作；维护女员工的合法权益和特殊利益，确保孕妇享受产假、哺乳假、生育险报销和生育津贴等待遇，提升女员工归属感；普遍推行农民工“五同”“八一样”做法，推进实名制管理、工资专用账户、工资保证金和银行代发工资等制度，并为农民工提供职业技能培训；部署文体活动，融合线上线下平台，丰富员工业余文化生活，为员工营造和谐、愉悦的工作氛围，增强企业凝聚力。2020年，工会投入资金4034万元，重点改善732个偏远艰苦项目工作生活环境；“两节”期间筹集送温暖资金8545万元，慰问因病、因灾或意外等致困员工家庭9443户，慰问劳模先进、生产一线员工、离退休员工以及农民工等95730人。

CRCC has attached great importance to humanistic care, continuously paid attention to the demands of employees, improved their living conditions and enhanced their happiness index. The Company has improved the assistance system under the new situation, provided universal service to employees, improved the long-term mechanism of regular help and support, and continued to follow up the families of employees who were suffering from living difficulties due to serious illness and severe disasters; the Company has organized and carried out a series of sympathy works, such as sending warmth during “two festivals”, autumn school aid, cooling protection from heat in summer, flood control and emergency rescue; the Company has continued to protect the legitimate rights and special interests of female employees, ensured that pregnant women enjoy maternity leave, breastfeeding leave, maternity insurance reimbursement and maternity allowance and other benefits, so as to enhance the sense of belonging of female employees; the Company has generally implemented “five equal opportunities” and “eight equal rights” practices for migrant workers, and promoted real name management, special account for wages, wage margin and bank wage payment by banks on behalf of migrant workers, and provided vocational skills training for migrant workers; the Company has carried out cultural and sports activities through online and offline platforms to enrich employees' cultural life in spare time, created a harmonious and pleasant working atmosphere for employees, so as to enhance enterprise cohesion. In 2020, the Trade Union has invested RMB 40.34 million to improve the working and living environment of 732 remote and arduous projects; during the “two festivals” period, the Trade Union has raised RMB 85.45 million for 9,443 families who were suffering from illness, disaster or accident, and for 95,730 people including advanced model workers, front-line workers, retired staff and migrant workers.



慰问基层一线职工

Visiting the front-line employees

案例 | Case

给农民工吃下“定心丸”

Ensure migrant workers are paid on time

为了保障农民工工资支付，中铁城建集团第三工程有限公司北京大兴国际机场噪声区安置房项目部配备劳资专管员，专门负责农民工工资管理工作；组建公司联系点领导、项目部党支部书记、总部劳资员三人在内的“监督之眼”，对劳动合同签订、农民工工资专用账户开设、实名制工资卡办理、工资发放等工作进行过程监督，并纳入项目部半年和年度绩效考核，防止人工费被其他资金占用，确保工资按时足额发放到农民工本人手中；定期开办农民工夜校，专题讲解《保障农民工工资支付条例》，维护农民工合法权益。

In order to ensure the payment of migrant workers' wages on time, the Resettlement Housing Project Department of Beijing Daxing International Airport of the 3rd Engineering Co., Ltd. of China Railway Urban Construction Group Co., Ltd. has equipped with labor management personals, who were assigned to be responsible for the wage management of migrant workers; the Department has set up the “eye of supervision” including the leader of the company's contact point, the Secretary of the Party Branch of the Project Department, and the employees of the headquarters to supervise the process of labor contract



开办职工夜校

A night school for employees

signing, the opening of special accounts for migrant workers' wages, the processing of real name wage cards, and the payment of wages, and incorporated them into the semi-annual and annual performance appraisal of the Project Department, so as to prevent the labor costs from being occupied by other funds, and ensure that wages are paid to migrant workers in full and on time; the Department has regularly set up night schools for migrant workers to explain the “Regulations on Guaranteeing the Payment of Migrant Workers”, so as to protect the legitimate rights and interests of migrant workers.

案例 | Case

以“运动+阅读” 模式丰富员工文化生活

Enrich employees' cultural life with “Sports+Reading” mode

中建资本控股集团有限公司十分重视和关心员工身心健康和精神文化生活，打造了趣味运动会、“资本悦声汇”有声阅读栏目、“时代新人说——资本腾飞，奋斗有我”主题演讲比赛、“六一”亲子诵读、“弘扬劳模精神，争做时代楷模”线上朗读等一系列群众性、趣味性、艺术性文体活动，充分活跃工作氛围，让员工生活更加有趣、内心更加充实。

CRCC Capital Holdings Group Co., Ltd. has attached great importance to and cared about the physical and mental health and spiritual and cultural life of its employees, it has created fun sports games, and a series of mass, fun and artistic recreational activities, such as audio reading column of “Reading with Sweet Sound”, theme speech competition of “Speeches of New Generation of the Times- Capital Facilitation, My Contribution”, “Children's Day” Parent-Child Reading, and online reading of “Carry Forward the Spirit of Model Workers, Be a Model of the Times”, which fully activated the working atmosphere and made employees' lives more interesting and full.

推动行业进步 PROMOTE INDUSTRY PROGRESS

公司坚持互信互利，广泛开展交流合作，高度重视供应商管理，多维度打造责任供应链，共创共享行业可持续发展的未来。

CRCC has adhered to mutual trust and mutual benefit, carried out extensive exchanges and cooperation, attached great importance to supplier management, and created a multi-dimensional responsibility supply chain to create a sustainable future for the sharing industry.

拓展战略合作 Expand Strategic Cooperation

公司坚持合作共赢发展理念，加强与地方政府、企业、科研院校等的战略合作，通过考察调研、座谈交流，拓展合作模式和渠道，利用双方的资源优势和专业化能力，实现互利互惠、共同发展。

CRCC has adhered to the concept of win-win cooperation and development, strengthened strategic cooperation with local governments, enterprises and scientific research institutions, etc., developed cooperation modes and channels through investigation, discussion and exchanges, and leveraged both sides' resource advantages and professional capabilities to achieve mutual benefit and common development.

案例 | Case

携手陕西省政府深化融合发展 Work with the Shaanxi Provincial Government to deepen integrated development

9月26日，由国务院国资委和陕西省人民政府联合主办的“深化融合发展助力追赶超越”央企进陕推进大会在西安召开。中国铁建应邀出席会议，并与陕西省政府签署战略合作协议。会后，公司与陕西省交通运输厅就助力陕西省“十四五”综合交通运输发展，进行深入交流并达成共识，为构建陕西新发展格局贡献力量。

On September 26, the State-owned Assets Supervision and Administration Commission of the State Council and the People's Government of Shaanxi Province jointly sponsored the "Deepening Integrated Development and Helping to Catch Up and Surpass" -Central Enterprises Entering into Shaanxi Promotion Conference was held in Xi'an. CRCC was invited to attend the conference and entered into a strategic cooperation agreement with the Shaanxi Provincial Government. After the conference, the Company and the Shaanxi Provincial Department of Transportation conducted in-depth exchanges and reached consensus on assisting the development of comprehensive transportation in Shaanxi during the "14th Five-Year Plan" period, contributing to the construction of a new development pattern of Shaanxi Province.



● 中国铁建与陕西省政府签署战略合作协议
CRCC signed a strategic cooperation agreement with Shaanxi Provincial Government

案例 | Case

主动融入世界经济浪潮
Take the initiative to integrate into the global economic tide

9月4日，2020年中国国际服务贸易交易会全球服务贸易峰会在北京举行。中国铁建应邀出席会议，并表示公司将以更加开放的心态和务实的行动落实国际合作项目，加快推动形成国内国际双循环发展新格局，为建设开放型世界经济贡献中国企业的智慧和力量。本次交易会以“全球服务，互惠共享”为主题，采用线上、线下融合方式举办。交易会期间，公司展示了在我国建筑领域的新技术、新工艺、新产品以及近期签约的“一带一路”和其他境外工程项目基本情况。

On September 4, the Global Summit for 2020 China International Fair for Trade in Service was held in Beijing. CRCC was invited to attend the meeting and stated that the Company will implement international cooperation projects with a more open mind and pragmatic actions, accelerate the formation of a new pattern of domestic and international Dual Circulation development, and contribute the wisdom and strength of Chinese enterprises to the construction of an open world economy. With the theme of “Global Service, Mutual Benefits and Sharing”, this Fair was held online and offline. During the Fair, the Company showcased the new technologies, new processes, and new products in the field of construction in China, as well as the basic information of the recently signed “Belt and Road” and other overseas engineering projects.

案例 | Case

**“互联网+建筑+金融”模式
破解小件物资采购难点**
“Internet+Construction+Finance” mode
breakthrough the bottleneck of small items
procurement

铁建商城是以工程建筑辅材类网采为主的中国铁建官方综合电商服务平台，着力打造一体化供应链平台、智能云寻源协同平台。该商城实施供应商区域化“保姆式”运营管理，广泛吸引供应商入驻，并对供应商黑名单不定期更新筛查；打造“区域门店展示仓+供应商共享仓+项目前置分仓”三仓共享模式，实现分仓点状布局、区域整体覆盖、厂家直销串点配送、铁建商城专人客服管理的新型物流仓储管理，实现对用户订单快速反应；依托资产金融创新研发“商城银信”，以网采合同为切入点，解决供采双方互信难题，提供供方收款、买方收货信用保障服务；与实体自营深度融合，实现供应链延伸、服务延伸、资源延伸，最大限度满足区域内在建项目采购需求。

CRCC Mall is an official comprehensive e-commerce service platform of CRCC, which is mainly engaged in network procurement of engineering construction auxiliary materials. It strives to build an integrated supply chain platform and an intelligent cloud source searching collaborative platform. The Mall implements regionalized “nanny-style” operation management for suppliers, widely attracts suppliers to enter, and updates and screens the blacklist of suppliers from time to time, creates the three warehouse sharing mode of “regional store display warehouse + supplier sharing warehouse + pre-project warehouse”, so as to realize the new logistics and warehouse management, such as the point layout of warehouse, the overall coverage of the region, the direct distribution of the factory, and dedicated customer service management of CRCC, and realize the quick response to user orders; relying on asset-backed finance, the Company conducted innovation and research and develop of “Mall Bank Credit”, takes online procurement contracts as the entry point to solve the bottleneck of mutual trust between suppliers and buyers, and provided credit guarantee services for suppliers to collect payment and buyers to receive goods; the Mall is deeply integrated with entity self-operation to realize supply chain extension, service extension, and resource extension, so as to meet the procurement needs of projects under construction in the region to the greatest extent.



铁建商城平台
CRCC Mall platform

锦程·以提质蓄持续发展的之力
Improve Quality for Sustainable
Development of a Glorious Future

携手供应链发展 Join hands in supply chain development

公司重视与供应链协同发展，建设阳光、透明、高效的供应链体系。将供应商社会责任管理融入企业日常管理，明确供应商的准入、评价、监察等标准。实施供应商分级审批制度，严格遵守标准化采购流程、绿色采购政策；以洽谈、座谈会等方式，开展供应商社会责任教育培训，规范供应商行为；定期开展供应商考核评价，实行动态量化考核评级，与评价结果优秀的供应商建立长期合作关系，促进供应商履行社会责任能力水平的提升。

CRCC has attached great importance to the coordinated development with the supply chain, and built an open, transparent and efficient supply chain system. The Company has integrated the social responsibility management of suppliers into the daily management, and defined the standards of supplier access, evaluation and supervision and so on; implemented supplier grading approval system, strictly abided by standardized procurement process and green procurement policy, carried out social responsibility education and training for suppliers by means of negotiations and symposiums, and standardize supplier behaviors; carried out supplier assessment and evaluation regularly, implemented dynamic quantitative assessment and rating, established long-term cooperation with suppliers with excellent evaluation results, and promoted the improvement of suppliers' ability to fulfill social responsibility.

彰显海外担当

PERFORM OVERSEAS RESPONSIBILITIES

公司积极践行“一带一路”倡议和“海外优先”战略，切实履行海外社会责任，拓展海外业务，深耕属地市场，助力当地经济发展，融入当地社区，保护生态环境，投身公益事业，彰显大国责任担当。

CRCC has actively implemented “Belt and Road” initiative and “Overseas First” strategy, earnestly implemented overseas social responsibilities, expanded overseas business, deeply cultivated the local market, supported local economic development, integrated into local communities, protected the ecological environment, and devoted itself to local public welfare undertakings to demonstrate the responsibility of a major country.

助力当地发展

Support Local Development

公司倡导开放包容、合作共赢的思想，实施属地化经营政策，深度融入当地经济发展。采用本地化用工方式，优先雇佣符合条件的海外员工，定期开展职业技能培训，为当地培养人才；推进属地化采购，强化与当地供应商合作，提高当地市场物资供给，拉动产业链发展。

CRCC has advocated the idea of openness, inclusiveness and win-win cooperation, implemented the localized operation policy, and deeply integrated into the local economic development. The Company has adopted a local employment mode, given priority to qualified overseas employees, and carried out regular vocational skills training for local talents; The Company has promoted localized procurement, strengthened cooperation with local suppliers to increase the material supply from local market, and promoted the development of local industrial chain.



案例 | Case

支持阿根廷铁路系统发展 Support the development of Argentine railway system

12月11日，在阿根廷总统阿尔韦托·费尔南德斯见证下，中国铁建与阿根廷交通部签约圣马丁货运铁路改造项目商务合同。该项目是中国企业在拉美签署的最长铁路工程总承包项目，也是首个综合运用中国方案、中国技术和中国设备建造的阿根廷铁路项目。阿根廷幅员辽阔，完善的铁路系统对经济发展至关重要。公司将发挥在大型铁路项目施工、技术以及管理等方面的优势，提升线路运输能力，降低大宗商品运输成本，为民众创造更多就业岗位，提升当地产品国际竞争力，助力后疫情时期沿线区域乃至阿根廷经济复苏。

On December 11, under the witness of Argentine President Alberto Fernandez, CRCC and Argentine Ministry of Transport signed a commercial contract for the San Martin Freight Railway renovation project. This is the longest railway project signed by a Chinese company in Latin America, and the first railway project in Argentina to be built with Chinese solutions, Chinese technology and Chinese equipment. Argentina is a vast country, and a well-developed railway system is vital to economic development. CRCC will give full play to its advantages in the construction, technology and management of large-scale railway projects to improve the line transportation capacity of the railway line, reduce the cost of bulk commodity transportation, create more jobs for the people, enhance the international competitiveness of local products, and contribute to the economic recovery of the regions along the railway and even Argentina in the post-epidemic period.



● 中国铁建与阿根廷交通部签约阿根廷圣马丁货运铁路改造项目商务合同
CRCC and the Ministry of Transport of Argentina signed a business contract for the reconstruction of San Martin Freight Railway in Argentina

案例 | Case

为当地居民创造就业机会 Create job opportunities for local residents

中铁十四局集团有限公司进驻几内亚达圣铁路项目以来，不断探索使用本地人力资源的模式，为当地创造就业机会，以

“融入本地、共同发展”的理念带动当地劳动人民致富。项目部使用几内亚当地劳工 700 余人，属地化率达 70% 以上，并为部分当地残疾人提供了合适的工作岗位。此外，项目部还通过中外员工传帮带、课堂培训、实践锻炼等方式，为当地人提供学习机会。

Since entering the Guinea Dapilon-Santou Railway Project, China Railway 14th Bureau Group Co., Ltd. has been constantly exploring the mode of using local human resources to create local, employment opportunities, and driving the local working people to get rich with the concept of “integrating into the local community and developing together”. The Project Department employed more than 700 local people in Guinea, with a localization rate of more than 70%, and provided suitable jobs for some local disabled people. In addition, the Project Department has also provided learning opportunities for locals through the staff coaching, classroom training and practical exercises.

“在这边（工作）收入高且稳定，还可以让我的妻子和孩子生活得更好。”

——**中铁十四局集团有限公司几内亚达圣铁路项目部司机 索里**

“The income here is good and stable, and my wife and children can live a better life.”

——**Sorie, driver of Project Department of Dapilon-Santou Railway of China Railway 14th Bureau Group Co., Ltd**

融入当地社区

Integrate into Local Communities

公司努力当好中外友谊的使者，与当地社区和谐共融，尊重当地民族宗教信仰和文化习俗，提高公司属地化和国际化管理水平；投身当地公益事业，关爱特殊群体、参与抢险救灾、改善社区居住环境，推动社区发展。

CRCC has been striving to be an envoy of friendship between China and foreign countries, harmoniously integrated with local communities, respected local ethnic religious beliefs and cultural customs, and improved the level of localization and international management of the Company; CRCC has devoted itself to local public welfare, cared for special groups, participated in emergency rescue and disaster relief, improved the living environment of the community and promoted community development.

案例 | Case

做“一带一路”文明使者 Be a cultural envoy of the "Belt and Road"

中国铁建国际集团有限公司在经营所及的各个国家，践行责任担当，积极促进文化融通、民心相通，树立海外“文明使者”形象。在非洲，该公司志愿者自发组织清扫阿尔及利亚卡斯巴哈古城，全力打造绿色、环保、高效的输水管道，让 60 万安哥拉居民喝上安全放心的饮用水；在美洲，为特多卡斯柯德社区学校、阿利玛社区教会学校、西班牙港女修道院提供义务维修服务；在新冠肺炎疫情困难时刻，向泰国曼谷帕亚泰天使之家社会福利院捐赠 4500 个口罩、额温枪等防疫物资，以及食品、儿童读物等生活和学习用品。2020 年被授予第六届全国文明单位称号，成为“走出去”企业文明创建的优秀典范。

China Railway Construction International Group Co., Ltd. practiced its responsibilities in all countries where it operated, actively promoted cultural integration and people-to-people exchanges, and established the image of “overseas envoy of culture”. In Africa, the Company's volunteers volunteered to clean the ancient city of Kasbah in Algeria, made every effort to build green, environmentally friendly and efficient water transmission pipelines, and to provide safe drinking water to 600,000 Angolan residents; In the Americas, the Company provided voluntary renovation services for the Tedo Cascade Community School, the Alima Community Mission School, and the Convent of Port of Spain; In the difficult time of COVID-19, the Company donated to the Phayathai Angel House Social Welfare Institute in Bangkok, Thailand 4,500 masks, forehead thermometer and other epidemic prevention materials, as well as living and school supplies such as food and children's books. In 2020, the Company was awarded the title of the 6th National Civilized Unit, creating an excellent model for “going out” enterprises' civilization creation.

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◆ **安哥拉当地村民在取水点接取纯净自来水**
Local villagers in Angola were fetching clean tap water

“在泰国遭遇新冠肺炎疫情的困难时刻，中国铁建及时伸出援手，这是两国人民友谊的最好见证！”

——**泰国曼谷帕亚泰天使之家社会福利院公共关系部部长 萨西同**

“When Thailand was hit by COVID-19, CRCC offered timely assistance, this is the best testimony of the friendship between the two peoples!”

——**Saasiton, Director of Public Relations, Phayathai Angel House Social Welfare Institute, Bangkok, Thailand**



中国铁建积极履行企业公民责任，以实际行动回报社会，响应国家号召，促进区域发展；开展社区共建，创造美好生活；坚持人与自然和谐共生，致力打造绿色工程。

CRCC has been earnestly fulfilling its corporate citizenship responsibilities to repay the society with practical actions, and responding to the call of the state to promote regional development; the Company has been carrying out community construction to create a better life, adhering to the harmonious coexistence of human and nature, and striving to build green engineering projects.

同行·以奉献创共赢发展之路

Make Joint Efforts to Achieve a Win-Win Result

78 响应国家号召
Respond to the Call of the State

86 建设绿色家园
Promote Green Development

82 共建美好社区
Make Joint Efforts to Build Better Communities

响应国家号召 RESPOND TO THE CALL OF THE STATE

公司积极担当政治责任，主动对接雄安新区建设、粤港澳大湾区建设、长江三角洲区域一体化发展等重大国家战略，结合自身行业特点，促进地区发展。

CRCC proactively undertook political responsibility, actively contributed to the implementation of major national strategies such as the construction of Xiong'an New Area, the construction of Guangdong-Hong Kong-Macao Greater Bay Area, and the regional integration development of the Yangtze River Delta, and promoted regional development based on its own industry characteristics.

畅达雄安新区 Keep Traffic Flowing to Xiong'an New Area

建设雄安新区乃“千年大计、国家大事”。公司抢抓发展机遇，全力承担建设任务，保障建设过程中的物料供应，助推雄安新区交通畅达。

The construction of Xiong'an New Area is a "national project of millennial significance". The company seized the development opportunity, made every effort to undertake the construction task by guaranteed material supply during construction to promote the smooth transportation of the supplies to Xiong'an New Area.



● 雄安站
Xiong'an Station

案例 | Case

领跑世界的智能高铁 ——京雄城际铁路开通运营

World leading intelligent high-speed railway
--Beijing-xiong'an Intercity Railway was put
into operation

12月27日，中国铁建参建的京雄城际铁路全线开通运营，雄安新区开工建设的第一个重大基础设施项目——雄安站正式投入使用。京雄城际铁路是连接北京和雄安新区的第一条外部主干铁路线路，全长92公里，设计时速350公里。中国铁建是唯一一家全链条参与京雄城际铁路线下、站房、铺轨、四电等工程的企业，创造性地应用北斗导航、BIM、大数据等智能化、信息化手段，提高工程建设的效率和质量，展现了世界一流的高铁建造技术。京雄城际铁路为进一步完善区域路网布局，疏解北京非首都功能，服务雄安新区“千年大计”，助力京津冀协同发展提供了重要支撑和保障。

On December 27, the Beijing-Xiong'an Intercity Railway co-constructed by CRCC and the first major infrastructure project in Xiong'an New Area-Xiong'an Station-were put into operation. Beijing-Xiong'an Intercity Railway is the first external trunk railway line connecting Beijing and Xiong'an New Area, with a total length of 92 km and a design speed of 350 km/h. CRCC is the only enterprise participating in the off-line, station, track laying and four power projects and other projects in the whole chain. CRCC has creatively applied intelligent and information technologies such as Beidou Navigation, BIM and big data to improve the efficiency and quality of the project construction, demonstrating the world-class high-speed railway construction technology. Beijing-Xiong'an Intercity Railway will further improve the layout of the regional road network, relieve non-capital functions from Beijing, serve the "Millennium Plan" of Xiong'an New Area, and provide important support and guarantee for the coordinated development of Beijing-Tianjin-Hebei region.

深耕粤港澳大湾区 Tap the potential of Guangdong- Hong Kong-Macao Greater Bay Area

公司以珠海为中心，将业务辐射至整个粤港澳大湾区，投资建设重点交通工程，打造高端品质建筑，丰富完善城市功能，助力人才产业导入。

With Zhuhai as the center, CRCC has extended its business to the whole Guangdong-Hong Kong-Macao Greater Bay Area, invested in key traffic projects, built high-end quality buildings, enriched and improved urban functions and facilitated the introduction of talents and industry.



● 深圳福田站
Futian Station in Shenzhen

案例 | Case

全产业链服务助力人才战略实施
Support the implementation of talent strategy with the whole industry chain services

中国铁建江门人才岛项目是立足珠西、面向粤港澳大湾区的人才主题特色产业园区。公司充分发挥城市综合开发“投资商、建设商、运营商”的“三商”优势，全岛规划设计广东省首个海外人才培训基地以及人才岛国际研发中心、珠西国际人才服务中心；在产业导入上“筑巢引凤”，加快智慧城市展示中心、综合展览馆、环岛公园等基础设施建设，通过举办推介会，引进华为 ICT 学院、IBM、广东省科学院等一大批企业、机构和项目签约落户；在城市综合运营上，联手腾讯引入“WeCity”智慧城市系统，实现指挥中心对全岛的动态操控管理，为大湾区城市品质升级贡献力量。

CRCC Jiangmen Talent Island Project is a talent themed industrial park designated to provide the talent services mainly for West Zhuhai and Guangdong-Hong Kong-Macao Greater Bay Area at large. The Company leveraged the advantages of “investors, constructors and operators” in the comprehensive development of the city, and planned and designed the first overseas talent training base in Guangdong Province, as well as the Talent Island International R & D Center and West Zhuhai International Talent Service Center; in terms of industry introduction, CRCC adopted a “built a nest to attract phoenix” approach, accelerated the construction of infrastructure such as Smart City Exhibition Center, Comprehensive Exhibition Hall and Island Park, and introduced a large number of enterprises, institutions and projects such as Huawei ICT College, IBM and Guangdong Academy of Sciences to sign contracts and settle down through holding promotion meetings; in terms of city comprehensive operation, CRCC has joined hands with Tencent to introduce the “WeCity” smart city system to realize the dynamic control and management of the entire island by the command center, and contributed to the upgrading of city quality in the Greater Bay Area.



● 江门人才岛全岛开发项目
Jiangmen Talent Island Development Project

推进长三角一体化 Promote the Integration of Yangtze River Delta

公司与长三角各省市密切合作，提供线网规划、设计咨询等技术服务，织密长三角地区高速铁路、城际铁路、市域铁路和城市轨道交通网，为促进沿线经济、旅游发展作出了重要贡献。

In close cooperation with provinces and cities in the Yangtze River Delta, CRCC provided technical services such as transportation network planning and design consultation, and intensified the transit network of high-speed railway, intercity railway, urban railway and urban rail in the Yangtze River Delta, making important contributions to promoting the economic and tourism development along the line.



● 建设中的杭绍城际铁路
Hangzhou-Shaoxing Intercity railway under construction

案例 | Case

为建设“轨道上的长三角”提供智库服务
Provide think tank services for the construction of “Yangtze River Delta on Rails”

7月，长三角交通一体化研究中心区域铁路与轨道交通联合研究基地在中铁上海设计院集团有限公司揭牌。这是中国铁建以实际行动抢抓长三角交通运输更高质量一体化发展机遇，全面推进“轨道上的长三角”建设的重要举措。该基地将围绕绘就“一张轨道交通网”、构建“一座基础数据库”、研究“一批高端课题”、形成“一组专家团队”和打造“一个示范研究基地”等5个方面目标，开展专题研究工作，为长三角现代化综合交通一体化发展提供前瞻性、系统性、科学性的决策咨询和智力支持。

In July, the Regional Railway and Rail Transit Joint Research Base of Yangtze River Delta Transportation Integration Research Center was inaugurated in China Railway Shanghai Design Institute Group Co., Ltd. This was an important measure taken by CRCC to seize the opportunity of higher quality integrated development of transportation in the Yangtze River Delta and



● 汪建平董事长视察“长三角交通一体化研究中心——区域铁路与轨道交通联合研究基地”
Chairman Wang Jianping paid an investigation visit at “Yangtze River Delta Transportation Integration Research Center -- Regional Railways and Rail Transit Joint Research Base”

comprehensively promote the construction of “Yangtze River Delta on Rails”. The base will carry out special research around the five objectives of “One Rail Transit Network”, building “One Basic Database”, researching “A Number of High-end Topics”, forming “A Group of Expert Teams” and building “A Demonstration Research Base”, so as to provide forward-looking, systematic and comprehensive support for the integrated development of modern comprehensive transportation in the Yangtze River Delta scientific decision-making consultation and intellectual support.

共建美好社区

MAKE JOINT EFFORTS TO BUILD BETTER COMMUNITIES

公司坚持与社区共享发展成果，充分发挥企业优势，做优民生工程，支援抢险救灾，开展志愿服务，助力文物保护，以实际行动共建和谐社区。2020年，公司对外捐赠 11796.18 万元。

CRCC has made sustained efforts to share development achievements with communities. Leveraging its own advantages, the Company continued to improve the quality of livelihood projects, assist in emergency rescue and disaster relief, carry out voluntary services, support cultural relics preservation, and take practical actions to build harmonious communities. In 2020, the Company donated RMB 117.9618 million in this regard.

做优民生工程

Improve the Quality of Livelihood Projects

公司坚持从民心出发，用品质说话，秉承“匠心”理念，坚持以高质量、高标准完成安置房建设，让居民们住上“放心房”“暖心房”。

CRCC has been always keeping the interests of the people in mind and working all out to improve the quality of livelihood projects based on the principle of “working with craftsmanship spirit”, so that the residents can live in “reliable housing” and “comfortable housing”.

案例 Case

打造高品质安置房 Build high quality resettlement housing

11月9日，中铁十八局集团建筑安装工程有限公司承建的河北省遵化市棚改回迁安置房项目顺利交房。该项目是遵化市政府改造城镇危旧住房、改善困难家庭住房条件的重点民生工程，共建设房屋 896 套。为打造让老百姓放心的精品工程，该公司采用现代装配建筑技术施工，强化项目精细化管理，坚持高起点起步、高效率推进、高质量达标。项目荣获河北省结构优质工程奖。

On November 9, the Construction and Installation Engineering Co., Ltd. of China Railway 18th Bureau Group Co., Ltd. successfully handed over the project of resettlement housing in Zunhua City, Hebei Province. The project is a key livelihood project of Zunhua Municipal Government to renovate the old and dilapidated housing and improve the housing conditions of families in need, with a total of 896 houses to be built. In order to create a high-quality project that makes people feel at ease, the company adopted modern assembly construction technology, strengthened the fine project management, and adhered to high starting point, high efficiency and high quality. The project won the Structural Quality Engineering Award of Hebei Province.



◆ 打造高品质安置房
Building high quality resettlement housing

驰援抢险救灾

Engage in Emergency Rescue and Disaster Relief

面对突发事件和自然灾害，公司冲锋在抢险救灾一线，急事态之所急，应地方之所需，2020年共计参与工程抢险救援和防汛抗洪救援 1570 余次，出动 29400 人次，出动机械车辆设备 4620 台。

In the face of emergencies and natural disasters, the company has been at the forefront of rescue and relief, responding to the urgent situation and local needs. The company has participated in more than 1,570 times of engineering rescue and flood control and relief in 2020, dispatched 29,400 person-times, 4,620 sets of vehicles and equipment.

案例 Case

全力支援各地抗洪 Go all out to support in flood fighting across the country

2020年，全国多地发生洪涝灾害，中国铁建各单位全力支援抗洪抢险。在江西南昌，市区多地出现内涝，中铁二十局集团有限公司南昌南大道项目部紧急投身抢险任务，经过 8 小时连续作业，沿江大道路面积水全部排出，市民交通出行迅速恢复。在安徽旌德，G205 国道等交通要道中断，附近低洼处村落被淹，中铁二十一局集团有限公司芜黄高速公路项目部调集 14 台大型机械设备，对 13 处塌方道路和堵塞河流进行清理疏通，先后救出 6 名围困在洪水中的群众。在浙江衢州，各县市区相继出现道路被淹、公路水毁等险情，中铁第五勘察设计院集团有限公司浙江分院对现场水毁情况进行踏勘测量，迅速制定应急保通行、桥梁冲断绕行等方案。

In 2020, flood disasters occurred in many parts of the country, CRCC and all its subsidiaries went all out to support to flood fighting and rescue. In Nanchang, Jiangxi Province, waterlogging occurred in many places of urban areas. The Nanchang South Avenue Project Department of China Railway 20th Bureau Group Co., Ltd. rushed into the rescue task, after 8 hours of continuous operation, all the water on the River Avenue was discharged, and public traffic quickly recovered. In Jingde, Anhui Province, the G205 National Highway and other traffic main arteries were blocked, and nearby low-lying villages were flooded. The Wuhu-Huangshan Expressway Project Department of China Railway 21st Bureau Group Co., Ltd. mobilized 14 large machines to clear 13 collapsed roads and blocked rivers, and rescued 6 people trapped in the flood. In Quzhou, Zhejiang Province, roads in various counties and districts were flooded and destroyed. The Zhejiang Branch of China Railway Fifth Survey and Design Institute Group Co., Ltd. surveyed and measured the water damage on the site, and quickly worked out emergency plans such as emergency traffic routes and bypass of bridges.



◆ 组织机械设备协助村民抢修被洪水冲毁的便桥
Mobilizing machineries and equipment to assist villagers to urgently repair the makeshift bridge destroyed by the flood

倾情志愿服务

Dedicate to Volunteer Service

公司鼓励员工广泛参与志愿服务活动、积极奉献爱心，组建 1800 多支“学雷锋”志愿服务队伍，采取定期服务、常态服务、结对服务等方式，有针对性地在全国各地开展扶贫济困、支教帮教、环境保护、社区服务、关爱孤老、政策宣讲等公益活动。2020 年，公司参与社会公益活动 2095 次，参与活动志愿者达 3.9 万人次。

CRCC encouraged its employees to participate in voluntary service activities and dedicated their love, set up more than 1,800 “Learn from Lei Feng” volunteer service teams to carry out targeted public welfare activities across the country, such as poverty alleviation, education support, environmental protection, community service, caring for the elderly and policy publicity, by adopting regular service, normal service and pairing service and other ways as well as in a targeted manner. In 2020, the Company participated in 2,095 public welfare activities, with the engagement of 39,000 person-times volunteers.

案例 | Case

为参加高考的莘莘学子保驾护航
Pick up students who take part in the college entrance examination

7月7日，中铁二十四局集团桥梁建设有限公司“东方铁建”党员爱心送考车队有序驶出总部大院，免费接送高考考生。为保证乘车安全，送考车辆均配备防疫物品，并在接送完考生后进行集中消杀。该公司还在鹰潭一中考点外设立“红铁连”爱心服务站，为高考考生和家长免费提供口罩、防暑药品、饮用水和文具用品等。该公司积极投身公益活动，多次联合共青团鹰潭市委等单位开展学雷锋志愿服务、助力城市“双创”、重阳敬老志愿服务、关爱特殊教育学校孩童、圆梦“微心愿”等活动。

On July 7, the “Orient CRCC” party members of China Railway 24th Bureau Group Bridge Construction Co., Ltd. drove out of the headquarters in an orderly manner to pick up the college entrance examination students free of charge. In order to ensure the safety of vehicles, they were equipped with anti-epidemic items, and conducted concentrated disinfection after picking up the students. The company also set up a “CRCC love service” station outside Yingtan No.1 High School to provide free face masks, anti-heat medicines, drinking water and stationery for students who taking part in the college entrance examination and their parents. The company actively participated in public welfare activities, and has cooperated with the Communist Youth League of Yingtan Municipal Party Committee and other organizations to carry out voluntary services, such as learning from Lei Feng, contribution to the city “mass entrepreneurship and innovation”, voluntary services for the elderly, caring for children in special education schools, and realizing the dream of “Micro-wish”.



在鹰潭一中考点外设立“红铁连”爱心服务站

Setting up a “Red CRCC” volunteer Service Point outside Yingtan No.1 High School, a spot to hold university admission exams

悉心文物保护

Take the Utmost Care for the Protection of Cultural Relics

“保护文物功在当代、利在千秋。”公司高度重视文物保护工作，在项目建设过程中积极采取措施，调整施工方略，制定保护预案，呵护遗珍华彩。

As it put that “Protection of cultural relics is in the interest of present and future generations.” The Company has attached great importance to the protection of cultural relics, adopted all possible measures, adjusted the construction strategy, formulated the protection plan in the process of project construction to protect the precious treasures.

案例 | Case

为文物撑起全方位“保护伞”
Set up an all-round “protection umbrella” for cultural relics

中铁十五局集团城市轨道交通工程有限公司承建的苏州地铁6号线拙政园站，与拙政园、苏州博物馆仅“一墙之隔”，两者均为首批全国文物保护单位，拙政园还位列《世界遗产名录》。项目部在施工过程中秉持“一切施工的开展都以文物保护为前提”的理念，邀请行业专家编制《文物保护专项方案》；设立364个观测点，实行自动化监测，提高检测频率和精度；采用MJS墙缝止水工艺，降低对周边水系的影响；人工拆除人行道地砖、路缘石，防止地面沉降对文物造成不可逆损伤。

The Zhuozhengyuan Station of Suzhou Metro Line 6, built by Urban Rail Transit Engineering Co., Ltd. of China Railway 15th Bureau Group Co., Ltd., is only “separated by a wall” from the Zhuozhengyuan Garden and Suzhou Museum, both of which are among the first batch of national cultural relics under national protection. The Zhuozhengyuan Garden is also listed on the World Heritage List. In the construction process, the Project Department adhered to the concept of “all construction are carried out on the premise of cultural relics protection”, and invited industry experts to prepare the “Special Plan for Cultural Relics Protection”; The company set up 364 observation points to implement automatic monitoring and improve the detection frequency and accuracy; the MJS wall seam sealing process was adopted to reduce the impact on the surrounding water system; the sidewalk tiles and curbs were manually removed to prevent irreversible damage to cultural relics caused by land subsidence.

建设绿色家园

PROMOTE GREEN DEVELOPMENT

公司始终践行“绿水青山就是金山银山”理念，加强环境管理，开展绿色施工，优化节能减排，实施绿色运营，致力于建设资源节约型和环境友好型企业，实现企业与自然的协调发展。

The Company has always practiced the concept of “lucid water and lush mountains are invaluable assets”, strengthened environmental management, carried out green construction, optimized energy conservation and emission reduction, implemented green operation, and committed to building resource-saving and environment-friendly enterprises, so as to realize the coordinated development of enterprises and nature.

坚持绿色管理

Adhere to Green Management

环境管理是绿色实践的基础指导。公司不断完善环境保护顶层设计，加强环境管理体系建设，设置环保预警应急机制，严格贯彻绿色发展理念。2020年，公司环保总投入 153219 万元。

Environmental management is the fundamental principle of green practices. CRCC has constantly improved the top-level design of environmental protection, strengthened the construction of environmental management system, set up environmental early warning and emergency mechanism, and strictly implemented the concept of green development. In 2020, the Company's total investment in environmental protection was RMB 1,532.19 million.

加强环境管理

Strengthen environmental management

公司持续完善节能环保工作机制，成立节能环保工作领导小组，实行“股份公司、集团公司、工程公司、项目部”四级管理体系；制定能源节约与生态环境保护监督管理办法，联合地方专业监测部门对作业现场实施有效监测；将节能环保指标纳入绩效考核，形成节能环保反馈改进机制。2020年，公司组织环境保护问题大排查，发现环保问题 10655 个，整改完成率达 100%。

The Company has continuously improved the working mechanism of energy conservation and environmental protection, established a Leading Group for Energy Conservation and Environmental Protection, and implemented a four-level management system of “stock company, group company, engineering company and project department”, formulated supervision and management measures for energy conservation and environmental protection, and cooperated with local professional monitoring departments to carry out effective monitoring on the operation site; the Company has incorporated energy conservation and environmental protection indicators into the performance appraisal to form a feedback improvement mechanism on the work. In 2020, the Company organized a major investigation of environmental protection problems, identifying 10,655 environmental protection issues, and the rectification completion rate reached 100%.

2020

发现环保问题 **10655** 个
10,655 environmental issues were identified

整改完成率达 **100%**
All the issues were rectified

传播绿色理念

Spread green concept

公司持续推进节能环保宣传教育工作，编印下发《节能减排与生态环境保护法律法规汇编》并组织培训学习，普及绿色知识，加强基层单位能源节约与生态环境保护法治观念；开展“全国节能低碳宣传周活动”，传播环保理念，提升员工环保意识，促进节能减排在日常工作中得到落实。2020年，公司举办节能环保管理干部培训班，培训 8720 人次，培训覆盖率 95%。

The Company has continued to promote the publicity and education of energy conservation and environmental protection, compiled and issued the “Laws and Regulations Collection on Energy Saving, Emission Reduction and Environmental Protection” and organized training and learning to popularized green knowledge and strengthen the legal concept of energy conservation and environmental protection in grass-roots units; the Company carried out the “National Energy Conservation Publicity Week”, spread the concept of environmental protection, enhanced the environmental awareness of employees, and promoted the implementation of energy conservation and emission reduction in daily work. In 2020, the Company carried out training sessions for energy conservation and environmental protection management cadres, with a total of 8,720 person-times trainees and a coverage of 95%.

2020

培训 **8720** 人次
We offered opportunities to train **8,720** employees

培训覆盖率 **95%**
The training covered **95%** of our employees

案例 | Case

开展低碳节能主题活动

Carry out the themed activity of low carbon and energy conservation

2020 年全国节能宣传周 30 周年。中国铁建房地产集团华中区域公司太原公司组织开展节能宣传周暨全国低碳日主题活动。通过在公司张贴宣传海报，发放节能减排手册，开设“云”课堂线上学习，在工作群推送节能知识等方式，提升员工节能意识和能力；通过组织拍摄“办公室的节能宣传教育”微视频，向全体员工及家属征集环保文艺作品，开展主题辩论赛和低碳出行打卡活动等途径，营造节能降碳的浓厚氛围。



低碳节能宣传海报
Low-carbon and energy-saving posters

2020 was the 30th anniversary of the National Energy Conservation Publicity Week. Taiyuan Company, Central China Regional Company of China Railway Construction Real Estate Group Co., Ltd., organized Energy Conservation Publicity Week & National Low Carbon Day Themed Activities. The Company adopted diversified approaches to enhance employees' awareness and ability of energy conservation, such as putting up posters, distributing handbooks on energy conservation and emission reduction, launching online “cloud” classroom, and pushing energy conservation knowledge to the work group; the Company carried out themed debate competition and low-carbon travel activities, such as punching in for low-carbon travel, to create a strong atmosphere of energy saving and carbon reduction by shooting the micro-video of “Office Energy-conservation Publicity and Education”, collecting environmental protection art works from all employees and their families.

开展绿色施工

Practice Green Construction

公司倡导“绿色工程”理念，努力做到“不碰红线、守住底线、创造亮点”。在建工程项目严格遵守环境保护法律法规，围绕“四节一环保”（节能、节地、节水、节材和环境保护）目标，优化施工方案和工艺，严格控制施工现场扬尘污染、噪声污染、水污染、光污染、土壤污染、放射性物质污染及其他污染，减少施工对环境的负面影响，自觉保护野生动植物和生态植被。

The Company has advocated the concept of “green engineering” and striven to “not touch the red line, keep the bottom line and create the highlights.” The projects under construction have strict compliance with the environmental protection laws and regulations, focused on the “four-savings and one-environmental protection” (energy saving, land saving, water saving, material saving and environmental protection) goals, optimized the construction scheme and technology, strictly controlled the dust pollution, noise pollution, water pollution, light pollution, soil pollution, radioactive pollution and other pollution on the construction site, and reduced the negative impact of construction on the environment, and consciously protected wildlife and ecological vegetation.

案例 | Case

绿色施工呵护秦岭生态 Carry out green construction to protect the ecology of Qinling Mountains

秦岭作为重要的生态屏障，有着“国家中央公园”和“陕西绿肺”之称。中铁十四局集团第三工程有限公司宝坪高速公路项目位于秦岭腹地，秉承“绿色施工、保护秦岭”的原则，修改隧道施工进洞方案，减少山体开挖，避免植被破坏；出台野生动物保护规定，减少夜间施工照明时间，车辆减速慢行，禁止鸣笛；对泥浆集中收集、异地处理，保护水源地；购置可移动式焊烟收集器及油烟净化器，实现油烟达标排放；在开挖后的边坡裸露岩石上植草，实现生态修复；项目建成后，将梁场恢复为耕田，可重新进行农作物种植，多措并举打造“绿色公路示范工程”。

As an important ecological barrier, Qinling Mountains are known as “National Central Park” and “Green Lung of Shaanxi Province”. Baoping Expressway Project Department of the Third Engineering Co., Ltd. of China Railway 14th Bureau Group Co., Ltd was located in the hinterland of Qinling Mountains. Adhering to the principle of “protect the ecology of Qinling Mountains through green construction”, the Project Department modified the tunnel construction scheme to reduce mountain excavation and avoid vegetation damage. The company issued regulations on wildlife protection, reduced lighting hours for nighttime construction, ordered the slow-down of the traffic and vehicles to and prohibited honking; the company collected the mud in a unified way and treat it in different places to protect the water source, and purchased the portable welding fume collector and the oil fume purifier to achieve standard emission of oil fume; The Project Department planted grass on the exposed rock of the slope after excavation to realize ecological restoration; After the completion of the project, the company restored the beam site to farmland, which can be re-planted crops, and took multiple measures to create a “Green Road Demonstration Project”.

践行节能减排

Practice Energy Conservation and Emission Reduction

公司积极应对气候变化，将节能减排工作融入施工、生产全过程，加大节能减排技改投入，淘汰落后产能及工艺，强化节能减排设施管理，为绿色“开源节流”。2020年，公司能源消耗总量为594.13万吨标煤，企业万元营业收入综合能耗（可比价）0.0781吨标煤，与2019年相比下降3.22%。

CRCC has actively responded to climate change, integrated energy conservation and emission reduction into the whole process of construction and production, increased investment in the technological upgrading for energy conservation and emission reduction, phased out backward production capacity and technology, and strengthened the management of energy conservation and emission reduction facilities, so as to “increase revenue and reduce expenditure” for green practices. In 2020, the total energy consumption of the Company was 5.9413 million tons of standard coal, and the comprehensive energy consumption (comparable price) for RMB 10,000 of business income of the company was 0.0781 tons of standard coal, a decrease of 3.22% compared with that in 2019.

“我们要在夹缝中求生存，在这秦岭腹地，以实干干好项目，用团结创造未来。”

——中铁十四局集团第三工程有限公司宝坪高速公路项目部
项目经理 卢子平

“We need to survive in the crevice. In the hinterland of Qinling Mountains, we need to do well in projects with hard work and create the future with unity.”

——Lu Ziping, Project Manager, Baoping Expressway Project Department of the Third Engineering Co., Ltd. of China Railway 14th Bureau Group



2020

购置各类设备



22721 台(套)

The Company purchased a total of **22,721** sets of various types of equipment

二氧化碳排放量为



735.95 万吨

The carbon dioxide emissions hit **7.3595** million tonnes

降低污染排放

Reduce pollution emissions

公司不断推进减排降污项目实施，全面做好“三废”治理工作，制定清洁生产战略，应用先进环保技术和设备，从源头控制污染物排放，探索应用建筑垃圾资源化的方法与技术，降低施工过程中的废弃物排放。2020年，公司共购置各类设备 22721 台（套），报废设备 7405 台（套），二氧化碳排放量为 735.95 万吨，固体废弃物排放量为 3276.37 万吨。

The Company continued to promote the implementation of emission reduction and pollution reduction projects, conducted comprehensive governance for “three wastes”, formulated clean production strategy, applied advanced environmental protection technology and equipment, controlled pollutant emissions from the source, explored the application of construction waste recycling methods and technologies to reduce waste emissions in the construction process. In 2020, the Company purchased a total of 22,721 sets equipment and scrapped 7,405 sets of equipment, with carbon dioxide emission of 7.3595 million tons and solid waste emission of 32.7637 million tons.

提高能源利用

Increase energy efficiency

公司高度重视资源的合理利用，积极推广应用节能环保新技术、新设备、新材料、新工艺，调整能源使用结构，提高能源利用效率，着力控制能耗总量；加大对水资源的保护和管理力度，在设计施工中采取多种措施节约用水，打造节水型企业。2020年，公司消耗水资源总量为 27934.26 万立方米。

The Company attached great importance to the rational use of resources, actively promoted the application of new energy saving and environmental protection new technologies, new equipment, new materials and new processes, adjusted the mix of energy use, so as to increase energy efficiency and control the total energy consumption; the Company enhanced the protection and management of water resources, taken a variety of measures to save water in the design and construction, and built a water-saving enterprise. In 2020, the Company consumed 279.3426 million cubic meters of water resources.

2020

公司消耗水资源总量为

27934.26 万立方米

The Company consumed **279.3426** million cubic meters of water resource in total



案例 | Case

巧用建筑垃圾再生料

Leverage recycled construction waste

中铁十九局集团有限公司承建的许昌市忠武路

市政工程项目在道路路床施工中使用房屋拆除类建筑垃圾生产的再生骨料代替水泥土，可利用建筑垃圾再生料 22 万吨以上，有效减少环境污染和土地占用，提高资源利用率，避免砂石等自然资源的浪费，为建筑垃圾资源化提供了成功实例。此外，建筑垃圾再生料施工中无扬尘，环保效果好；碾压完成后可直接开放交通，降低养护投入；检测合格后可连续施工，缩短施工周期，提高工效及机械利用率。

The Municipal Engineering Project of Zhongwu Road in Xuchang City undertaken by China Railway 19th Bureau Group Co., Ltd. used recycled aggregate produced by house demolition waste to replace cement soil in road roadbed construction. More than 220,000 tons of recycled aggregate can be used to effectively reduce environmental pollution and land occupation, improve resource utilization, and avoid waste of natural resources such as sand and stone, which provides a successful example for the construction waste recycling. In addition, there is no dust in the construction of construction waste recycling material, which has good environmental protection effect; After the completion of rolling, the traffic can be directly opened to reduce the maintenance investment; After passing the inspection, continuous construction can be carried out to shorten the construction period and improve the work efficiency and mechanical utilization.



● 施工中使用房屋拆除类建筑垃圾生产的再生骨料代替水泥土

Recycle aggregate from building rubble was used to replace cement soil during construction

实施绿色运营

Implement Green Operation

公司始终坚持绿色办公，不断强化员工节能环保意识，创造低碳、节约的办公环境；常态化开展环保公益活动，做环境保护的践行者和宣传者。

CRCC has always adhered to green office, constantly enhanced the employees' awareness of energy conservation and environmental protection, and created a low-carbon and energy conservation office environment; the Company has carried out environmental protection public welfare activities on a regular basis, and been the practitioner and promoter of environmental protection.

倡导绿色办公

Advocate green office

公司践行低碳环保理念，致力于形成绿色办公长效机制，鼓励节约用水、用电、用纸和减少办公用品消耗；采用 LED 节能光源，严格控制空调制冷机组启停时间；用水设施使用红外感应开关，做到人离水断；推行无纸化办公，推广视频会议，减少员工出差，降低办公场所和出差产生的能源消耗与废气排放。

The Company has been practicing the concept of low-carbon environmental protection, committed to forming a long-term mechanism of green office, and encouraging saving water, electricity, paper and reducing the consumption of office supplies; the Company continued to used LED energy saving light source and strictly control the start and stop time of air-conditioning refrigeration unit; the Company has used infrared induction switch for water facilities, implemented paperless office, and promoted video conference to reduce employees' business trip, so as to reduce energy consumption and exhaust emission from office and business trip.

投身环保公益

Commitment to environmental welfare

公司致力于建设绿色美好家园，以员工为基础力量，组织开展多样化的环保公益活动，并带动更多社会群体关注环境问题，提升环保意识，共同守护绿水青山。

Commitment to environmental welfare: the company has been committed to building a green home. Based on the strength of employees, the Company has carried out various environmental protection public welfare activities to drive more social groups to pay attention to environmental issues, enhance environmental awareness, and jointly protect clear water and green mountains.

案例 Case

引领垃圾分类“新时尚” Lead the "new fashion" of waste sorting

自《北京市生活垃圾管理条例》正式实施起，北京铁路物业管理有限公司便在所管辖社区永定路复兴路 40 号院内，实行严格的“撤桶并站、定时定点”垃圾分类投放管理模式，设立 11 个垃圾集中投放处，并固定垃圾投放时间，安排垃圾分类指导员引导居民正确分类投放垃圾。同时，该公司不断探索新方法，引进集政策宣讲、语音提示、人体感应等功能于一体的“猪小嘉”智能垃圾分类管理驿站，方便社区居民和物业人员开展垃圾分类工作。该社区获评“北京市垃圾分类示范小区”。

Since the implementation of the "Regulations of Beijing Municipality on the Management of Household Waste", Beijing Railway Construction Property Management Co., Ltd. has implemented a strict waste sorting and delivery management mode of "removing waste bins and merging waste stations, delivering wastes in fixed time and at fixed points" in No. 40 Fuxing Road, the Community under its jurisdiction. By far, 11 centralized waste disposal stations have been set up, and the waste delivery time has been fixed. The Company has arranged waste sorting instructors to guide residents to correctly classify waste. At the same time, the Company

continued to explore new methods, introduced the "Zhuxiaojia" intelligent waste sorting management station, which integrated the functions of policy publicity, voice prompts, human sensing and other functions to facilitate community residents and property management personnel to carry out waste sorting. The community was rated as "Beijing Waste Sorting Demonstration Community".



● 垃圾分类指导员以及青年志愿者对垃圾进行分类
Garbage sorting instructors and young volunteers were sorting garbage



责任管理

Social Responsibility Management

中国铁建持续健全社会责任管理体系，有序开展社会责任工作，切实推进社会责任管理与实践相融合，塑造负责任的品牌形象。

CRCC made sustained efforts to improve the social responsibility management system, carries out social responsibility work in an orderly way, effectively promote the integration of social responsibility management and practice, and build a responsible brand image.

95 责任战略

Social Responsibility Strategy

95 责任治理

Social Responsibility Governance

96 责任沟通

Social Responsibility Communication

100 责任议题

Social Responsibility Issues



责任战略

SOCIAL RESPONSIBILITY STRATEGY

公司以“成为技术创新国际领先、竞争能力国际领先、经济实力国际领先，最具价值创造力的综合建筑产业集团”为愿景，秉持“诚信创新永恒 精品人品同在”的企业价值观和“以人为本、诚信守法、和谐自然、建造精品”的管理方针，加强责任治理与责任沟通，积极推动社会责任工作融入企业日常经营管理，确保企业与社会和谐发展。

Adhering to the vision of “becoming a world-class integrated construction group in technological innovation, competitiveness and economic strength, and value creativity”, and the values of “Sincerity and innovation for ever, quality and character at once”, as well as the management guidelines of “People orientation, honesty and law-abiding, harmony and nature, competitive product manufacturing,” CRCC has enhanced social responsibility governance and engagement, and actively promoted the integration of social responsibility into day-to-day corporate operation, ensuring the harmonious development of the Company and the society.



责任治理

SOCIAL RESPONSIBILITY GOVERNANCE

作为联合国全球契约组织的一员，公司持续加强社会责任管理，建立健全社会责任组织体系，修订完善社会责任管理制度，开展社会责任培训，全面提升员工责任意识和履责能力。2020年，公司在第十四届中国上市公司价值评选中荣获“中国上市公司社会责任奖”，在新浪财经金麒麟港股价值风雨榜中荣获“最具社会责任上市公司”奖。

As a member of the United Nations Global Compact, CRCC continued to strengthen the management of social responsibility, establish and improve the social responsibility organization system, revise and improve the social responsibility management system, carry out social responsibility training, and comprehensively enhance the social responsibility awareness and ability of its employees. In 2020, the Company won the “Social Responsibility Award of Listed Companies in China” in the 14th China listed company value selection, and the “Most Socially Responsible Listed Company” award in Sina Finance Golden Unicorn Hong Kong Stock Value List.

责任沟通

SOCIAL RESPONSIBILITY COMMUNICATION

公司主动识别利益相关方，搭建多渠道沟通机制，深入了解利益相关方的期望与诉求，并给予积极回应。公司连续 13 年发布社会责任报告，向利益相关方系统披露公司在经济、社会与环境方面的履责行动及成效，与利益相关方坦诚沟通、共谋发展。

CRCC proactively identified stakeholders, built a multi-channel communication mechanism, understood the expectations and demands of stakeholders in depth, and actively responded to them. The Company has released social responsibility report for 13 consecutive years, disclosed to the stakeholders the company's performance and effectiveness in economic, social and environmental aspects, and communicated candidly with stakeholders to seek common development.

利益相关方 Stakeholder	政府 (中国政府与业务所在地政府) Governments (including the Central Government and local governments where the business is located)	实际控制人 (国资委) Actual controller (SASAC)	投资者 Investors	金融机构等债权人 Financial institutions and other creditors	业主 Owners	供应商 Suppliers
对中国铁建的期望 Expectations for CRCC	<ul style="list-style-type: none"> 遵守相关法律法规 税收 带动就业 创新技术 建设民族品牌 节能减排 Abide by related laws and regulations Pay taxes Create job opportunities Conduct innovations in science and technology Build national brand Promote energy conservation and emission reduction 	<ul style="list-style-type: none"> 不断提升公司盈利能力和核心竞争力 全面风险管理要求 确保国有资产保值、增值 Constantly improve the profitability and core competitiveness of the Company Implement total risk management Maintain and increase the value of State-owned assets 	<ul style="list-style-type: none"> 不断提高公司的价值与市值 降低企业风险 保证企业可持续发展 Constantly improve corporate value and market value Reduce corporate risks Guarantee sustainable development of CRCC 	<ul style="list-style-type: none"> 诚信履约 降低企业风险 Integrity and contracts performance Reduce corporate risks 	<ul style="list-style-type: none"> 提供优质合理价格的产品和服务，并不断改进 Provide quality products and services at reasonable prices and make constant improvements 	<ul style="list-style-type: none"> 保持稳定的合作关系 合理的价格 互助双赢 Maintain stable cooperation relations Keep reasonable prices Conduct mutual assistance and achieve win-win results
沟通机制与方式 Communication Mechanism and Methods	<ul style="list-style-type: none"> 法规、政策的发布 国家与各部委会议 专题汇报、统计报表、信息报送 Release of regulations and policies Meetings at national level and ministerial level Special-topic reports, statistical statement and information reporting 	<ul style="list-style-type: none"> 下发文件并落实 参加会议并落实会议精神 定期汇报 业务主管部门定期沟通、报送报表 Document issuance and implementation Participate in meetings and implement the spirit of meeting Regular reporting Regular communication and report submission of competent authorities for business 	<ul style="list-style-type: none"> 定期报告 临时报告 股东大会 股东书面通知 投资者见面会 Regular reporting Interim reporting General meeting of shareholders Written notice to shareholders Investors' meetings 	<ul style="list-style-type: none"> 合同执行 定期拜访 业务人员日常交流 Contract performance Regular visits Routine communications of business personnel 	<ul style="list-style-type: none"> 合同执行 高层会晤 文件函电往来 业主评价与管理 招投标管理 日常沟通 Contract performance High-level meetings Business correspondence Evaluation and management of proprietors Bidding and tendering management Day-to-day communications 	<ul style="list-style-type: none"> 招投标、商业谈判 合同执行、业务函电往来 不定期沟通 Bidding & tendering and business negotiations; Contact performance and business correspondence Irregular communication

利益相关方 Stakeholder	 分包商 Subcontractors	 下属公司 Subsidiaries	 员工 Employees	 工会组织 Trade unions	 社区 Community	 对公司感兴趣的 个人、团体和媒体 Individuals, groups and media who are interested in CRCC
对中国铁建的期望 Expectations for CRCC	<ul style="list-style-type: none"> 保持稳定的合作关系 互助双赢 <ul style="list-style-type: none"> Maintain stable cooperation relations Conduct mutual assistance and achieve win-win results 	<ul style="list-style-type: none"> 提供正确决策 科学管理 提高效率 <ul style="list-style-type: none"> Provide right decisions Conduct scientific management improve efficiency 	<ul style="list-style-type: none"> 提高公司盈利能力和可持续发展能力 为员工提供良好的福利和成长机会 <ul style="list-style-type: none"> Improve corporate profitability and sustainable development capability Present favorable benefits and growth opportunities to employees 	<ul style="list-style-type: none"> 符合工会组织的要求 尊重劳动权利 维护员工合法权益 <ul style="list-style-type: none"> In line with the requirements of the trade unions Respect the right to work Maintain legitimate rights and interests of employees 	<ul style="list-style-type: none"> 文明生产 构建和谐繁荣社区 <ul style="list-style-type: none"> Ensure eco-friendly and well-managed production Build harmonious and prosperous communities 	<ul style="list-style-type: none"> 做负责任的企业，实现可持续发展 <ul style="list-style-type: none"> Be a responsible enterprise and realize sustainable development
沟通机制与方式 Communication Mechanism and Methods	<ul style="list-style-type: none"> 合同执行 业务函电往来 不定期沟通 <ul style="list-style-type: none"> Contact performance Business correspondence Irregular communication 	<ul style="list-style-type: none"> 工作会议 高层沟通 日常业务函电往来 <ul style="list-style-type: none"> Working meetings High-level exchanges Routine business correspondence 	<ul style="list-style-type: none"> 职工监事 征求合理化建议 日常工作沟通 <ul style="list-style-type: none"> Employee supervisors Solicit for reasonable proposals Day-to-day work communications 	<ul style="list-style-type: none"> 职工代表大会 公司重大决策参与权 工会代表与联络人定期沟通 <ul style="list-style-type: none"> 职工代表大会 公司重大决策参与权 工会代表与联络人定期沟通 	<ul style="list-style-type: none"> 文明共建 参与社区公益活动 <ul style="list-style-type: none"> Jointly build harmonious and prosperous communities Participate in public welfare activities of communities 	<ul style="list-style-type: none"> 依法披露信息 新闻发布会 新闻报道与宣传 <ul style="list-style-type: none"> Disclose information according to law Press conferences News report and publicity

责任议题 SOCIAL RESPONSIBILITY ISSUES

议题识别 Issue Identification

公司基于国内外社会责任标准、政府政策要求、利益相关方调研、优秀企业对标，结合公司发展战略与规划，建立社会责任议题池。议题共计 35 项，分为责任管理、公司治理、客户责任、员工责任、伙伴责任、社区责任、环境责任、海外责任八大类。

Based on the social responsibility standards at home and abroad, government policy requirements, stakeholder research, excellent enterprise benchmarking and combined with the Company's development strategy and planning, CRCC has established a social responsibility issue pool. There were 35 topics, which were divided into eight categories: responsibility management, corporate governance, responsibility to customers, responsibility to employees, responsibility to partners, responsibility to communities, responsibility to environment, and overseas social responsibility performance.

议题分析 Issue Analysis

公司针对 35 项社会责任议题开展问卷调查，邀请内外部利益相关方反馈不同议题对他们的重要程度。通过建立“对利益相关方的重要性”和“对中国铁建发展的重要性”二维矩阵，分析得出公司实质性社会责任议题，公司根据议题分析有针对性披露相关议题内容。

CRCC conducted a questionnaire survey on 35 social responsibility issues, and invited internal and external stakeholders to give feedback on the importance of different issues to them. Through the establishment of the two-dimensional matrix of "importance to stakeholders" and "importance to the development of CRCC", CRCC identified the substantive issues of social responsibility, and the Company disclosed the content of relevant issues in a targeted manner based on the analysis.

责任管理

Social Responsibility management

- 01. 责任战略
Social responsibility strategy
- 02. 责任治理
Social responsibility governance
- 03. 利益相关方沟通
Communications with stakeholders

公司治理

Corporate governance

- 04. 完善公司治理
Improvement of corporate governance
- 05. 定期信息披露
Regular information disclosure
- 06. 投资者关系管理
Investor relations management
- 07. 禁止商业贿赂及腐败
Prohibition of commercial bribery and corruption
- 08. 响应国家战略
Response to national strategies

客户责任

Responsibility to customers

- 09. 工程质量
Project quality
- 10. 科技创新
Sci-tech innovation
- 11. 优质服务
High-quality services
- 12. 提升客户满意度
Improvement of customer satisfaction

员工责任

Responsibility to employees

- 13. 员工权益保障
Protection of rights and interests of employees
- 14. 员工培训与职业发展
Employee training and career development
- 15. 职业病防治
Occupational disease prevention and control
- 16. 员工关怀
Employee care
- 17. 安全生产
Safety production

伙伴责任

Responsibility to partners

- 18. 规范招投标
Regulate bidding and tendering
- 19. 承包商 / 分包商筛选机制
Contractor/subcontractor selection mechanism
- 20. 推动承包商 / 分包商履行社会责任
Promote contractors/subcontractors to fulfill social responsibilities
- 21. 责任采购
Responsible procurement

社区责任

Responsibility to communities

- 22. 公益慈善
Public welfare and charity
- 23. 志愿者活动
Volunteer activities
- 24. 精准扶贫
Targeted poverty alleviation
- 25. 关爱农民工
Caring for migrant workers
- 26. 抗击疫情
Anti-COVID-19 epidemic

环境责任

Responsibility to environment

- 27. 建立环境管理体系
Establishment of environmental management system
- 28. 节能减排
Energy conservation and emission reduction
- 29. 循环利用
Recycling
- 30. 环保宣传
Environmental protection publicity
- 31. 生态保护
Ecological protection

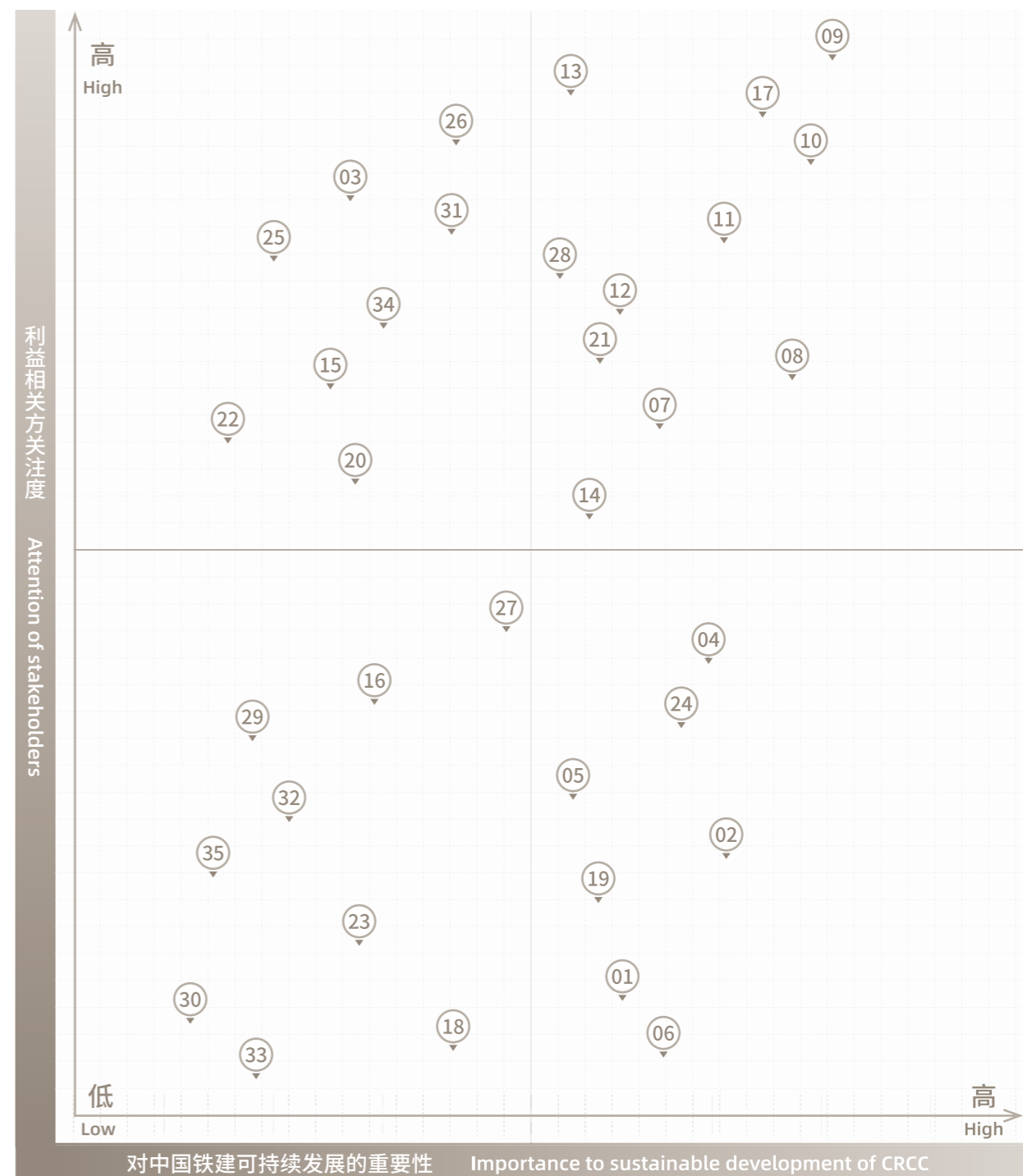
海外责任

Overseas social responsibility performance

- 32. 帮助当地就业
Create job opportunities for local people
- 33. 本地化采购
Local procurement
- 34. 当地环境保护
Protection of local environment
- 35. 当地志愿帮扶
Local volunteer activities

为了进一步提升报告的针对性与回应性，公司开展社会责任实质性议题识别，分析比较不同的社会责任议题对利益相关方的影响和对公司自身发展的重要性。

In order to further improve the pertinence and responsiveness of the report, the Company has carried out the identification of social responsibility substantive issues, analyzed and compared the impact of different social responsibility issues on stakeholders and the importance of the Company's own development.



展望

Future Prospect

2021年是全面建设社会主义现代化国家新征程的开启之年，是实施“十四五”规划的开局之年。我们将坚决贯彻新发展理念，积极融入新发展格局，以高质量发展为主题，以深化供给侧改革为主线，坚持“实事求是、守正创新、行稳致远”工作方针，凝心聚力，乘势而上，为全面建设世界一流企业接续奋斗！

The year 2021 marks the beginning of a new journey to build a modern socialist country in an all-round way, and the beginning year of the implementation of the 14th Five-Year Plan. We will resolutely implement the new development concept, actively integrate into the new development pattern, take high-quality development as the theme, deepen the reform of supply-side reform as the main line, adhere to the working principle of "seeking truth from facts, adhering to the integrity and innovation, steady and long term development", concentrate our efforts, take advantage of the situation, and continue to strive for the construction of a world-class enterprise in an all-round way!

我们将坚持依法治企，完善公司治理，合规运营，严防死守防控风险；提升效益效率，完善信息披露，加强沟通交流，努力为股东创造价值。

We will carry out compliance governance, improve corporate governance, operate in compliance with regulations, strictly prevent and control risks, enhance efficiency, improve information disclosure, strengthen communication, and strive to create value for shareholders.

我们将始终以打造“品质铁建”为中心工作，致力于建设高质量、高水平的精品工程；大力发扬“拓荒牛”精神，强化科技创新，推进关键技术攻关，打造中国铁建迈向世界一流企业的高端技术“名片”；严格落实安全生产责任，坚决遏制特重大事故发生，保障企业安全发展。

We will always focus on building "Quality CRCC" and committed to the construction of high-quality and high-level projects, vigorously carry forward the spirit of "pioneer cattle", strengthen scientific and technological innovation, push ahead with key technological research, and build a high-end technology "image" for CRCC to become a world-class enterprise; We will strictly implement the responsibility for safety production, resolutely prevent major accidents, and ensure the safe development of the Company.

我们将加强人文关怀，切实保障员工权益，助力员工实现自我价值；坚持互利互惠原则，广泛开展战略合作与交流，奋力前行；保持“走出去”战略定力，坚定不移扬帆出海，践行海外责任。

We will strengthen humanistic care, effectively protect the rights and interests of employees, and help employees achieve their accomplishment; We will adhere to the principle of mutual benefit, carry out extensive strategic cooperation and exchanges, and strive to move forward; We will remain committed to the strategy of "going out", unswervingly set sail to go abroad, and fulfill our overseas responsibilities.

我们将积极融入国家发展大局，服务国家战略，助力公司高质量发展；持续巩固脱贫攻坚成果，助力实现乡村振兴；发展社区公益事业，倾情奉献社会；保护生态环境，筑造绿色家园；积聚各方力量，提升履行社会责任能力。

We will actively integrate into the overall situation of national development, serve the national strategy and help the high-quality development of the Company; We will continue to consolidate our achievements in poverty alleviation and help achieve rural revitalization; We will develop community public welfare undertakings and devote our-self to the society; We will protect the ecological environment and build a green home; We will gather strength from all parties to enhance our ability to fulfill our social responsibilities.

附录 APPENDIX

关键绩效表

经济绩效 Economic performance				
指标名称 Indicator	单位 Unit	2018年	2019年	2020年
新签合同额 New contract value	亿元 RMB 100m	15844.722	20068.544	25542.887
营业收入 Operating revenue	亿元 RMB 100m	7301.23	8304.522	9103.248
净利润 Net profit	亿元 RMB 100m	198.384	226.237	257.087
缴纳税费 Taxes and fees paid	亿元 RMB 100m	255.927	261.488	262.148
资产总额 Total assets	亿元 RMB 100m	9176.706	10812.392	12427.928
资产负债率 Asset/liability ratio	%	77.41	75.77	74.76

社会绩效 Society Performance				
指标名称 Indicator	单位 Unit	2018年	2019年	2020年
员工总数 Number of employees	人 person	295862	293884	286242
劳动合同签订率 Coverage of labor contract	%	100	100	100
社会保险覆盖率 Coverage of social insurance	%	100	100	100
女性员工比例 Proportion of female employees	%	20.95	21.13	19.79
女性管理者比例 Proportion of female managers	%	21.61	21.58	19.35
管理人才数量 Number of management personnels	人 person	71996	73956	60026
专业技术人才数量 Number of professional and technical personnels	人 person	134977	139435	152199
技能人才数量 Number of skilled personnels	人 person	88889	80493	74017
研究生及以上学历人数 Number of employees with master's degree or above	人 person	10855	12147	13152
本科学历人数 Number of employees with bachelor's degree	人 person	148220	157200	162649
大专学历人数 Number of employees with junior college degree	人 person	67863	62079	55209
中专学历人数 Number of Employees with vocational level educational background	人 person	23911	20355	20732
高中及以下学历人数 Number of employees with high school diploma or below	人 person	45013	42103	34500
员工培训总投入 Total investment in employee training	万元 RMB 10,000	67640	74160	81333

KEY PERFORMANCE INDICATORS

社会绩效 Society Performance				
指标名称 Indicator	单位 Unit	2018年	2019年	2020年
员工培训人次 Number of employees participating in training programs	人次 person-time	468855	511385	1059931
企业领导人员培训人次 Number of senior executives participating in training programs	人次 person-time	13737	21514	25595
经营管理人员培训人次 Number of operation and management personnels participating in training programs	人次 person-time	41907	86313	188578
专业技术人员培训人次 Number of professional and technical personnels participating in training programs	人次 person-time	295773	268335	655719
党群管理人员培训人次 Number of Party work personnels participating in training programs	人次 person-time	33737	41648	33015
技能人员培训人次 Number of skilled personnels participating in training programs	人次 person-time	83701	93575	157024
安全生产投入 Investment in work safety	亿元 RMB 100m	91.643	125.181	143.567
安全培训人次 Number of employees participating in safety training programmes	人次 person-time	22600	25800	26790
筹集送温暖资金 Amount of funds raised for the needy	万元 RMB 10,000	7214	7604	8545
科技投入 Investment in science and technology	亿元 RMB 100m	115.718	165.278	186.060
新增专利数 Newly authorized patents	个 Nos.	3128	3349	5099
项目一次交验合格率 Qualification rate of Projects under first acceptance check	%	100	100	100
投诉解决率 Complaint handling rate	%	100	100	100
经济合同履约率 Performance rate of economic contracts	%	100	100	100
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 Proportion of suppliers received QEOHS system certificate	%	100	100	100
捐赠总额 Total donations	万元 RMB 10,000	1902.52	4232.84	11796.18
员工志愿者参与人数 Number of employees participating in volunteer activities	人次 person-time	32000	38000	39000
开展公益活动次数 Number of public welfare activities conducted by the Company	次 time	1300	1350	2095
扶贫投入帮扶资金 Funds invested directly in poverty alleviation	万元 RMB 10,000	4003.6	5671.6	8303
物资折款 Equivalent value of goods and materials	万元 RMB 10,000	4071.2	282	219.6
选派挂职干部数量 Numbers of personnels sent to assume temporary posts	人 person	30	34	42
脱贫人口数量 Number of people out of poverty	人 person	2156	4058	1049

指标索引

INDICATOR INDEX

环境绩效 Environmental Performance				
指标名称 Indicator	单位 Unit	2018年	2019年	2020年
全年能源消耗总量 Total annual consumption	万吨标煤 10,000 tons of standard coal	516.32	532.28	594.13
万元营业收入综合能耗 Comprehensive energy consumption per 10,000 yuan of operating revenues	吨标煤 tons of standard coal	0.0864	0.0807	0.0781
煤炭消耗量 Coal consumption	万吨 10,000 tons	28.51	25.35	19.54
耗电量 Power consumption	万千瓦时 10,000 kWh	873324.19	1017522.01	1914927.23
汽油消耗量 Gasoline consumption	万吨 10,000 tons	17.45	19.42	19.85
柴油消耗量 Diesel consumption	万吨 10,000 tons	144.06	163.28	180.59
燃料油消耗量 Fuel oil consumption	万吨 10,000 tons	8.70	2.89	3.24
天然气耗气量 Natural gas consumption	万标准立方米 10,000 standard cubic meters	478.89	523.63	624.25
水资源总消耗量 Total water consumption	万标准立方米 10,000 standard cubic meters	22848.44	28932.17	27934.26
环保总投入 Total investment in environmental protection	万元 RMB 10,000	83600	113302	153219
环保培训人次 Number of participants in environmental protection trainings	人次 person-time	6300	7500	8720
二氧化碳排放量 CO2 emissions	万吨 10,000 tons	252.11	342.84	735.95
碳强度 Carbon intensity	吨/万元 Ton/RMB 10,000	0.0379	0.0526	0.0982
固体废物排放量 Volume of solid waste discharge	万吨 10,000 tons	2774.47	3026.53	3276.37

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意见反馈

SUGGESTIONS AND FEEDBACK

尊敬的读者：

您好！非常感谢您百忙之中阅读《中国铁建2020年社会责任报告》。为了不断改进报告编制工作，我们特别希望倾听您的意见和建议。请您协助完成反馈意见表中提出的相关问题，并选择以下方式反馈给我们。

邮 寄：北京市海淀区复兴路40号中国铁建股份有限公司

您的信息

姓 名：_____ 工作单位：_____

职 务：_____ 联系电话：_____

传 真：_____ E-mail: _____

选择题（请在相应位置打√）

选 项	很 好	较 好	一 般	较 差	很 差
1.本报告全面、准确地披露了中国铁建对经济、社会、环境的制度、措施、绩效？					
2.本报告对利益相关方所关心问题有所回应和披露？					
3.本报告披露的信息、指标、数据清晰、准确、完整？					
4.本报告的可读性，即报告的逻辑主线、内容设计、语言文字和版式设计？					

开放性问题

1. 本报告最让您满意的方面是什么？

2. 您认为报告中还需要增加哪些内容？

3. 您对我们今后发布社会责任报告有何建议？

Dear readers:

Thank you for taking the time to read the 2020 Social Responsibility Report of China Railway Construction Corporation Limited. For the purpose of continuously improving the preparation of social responsibility report, we are looking forward to listening to your opinions and suggestions. Please assist us to complete the relevant questions in the feedback form. You may choose the following options to contact us.

Mailing address: China Railway Construction Corporation Limited, No. 40, Fuxing Road, Haidian District, Beijing, China

Your Information

Name: _____ Company/Organization: _____

Title: _____ Tel: _____

Fax: _____ E-mail: _____

Multiple Choice Questions (Please mark "√" in the appropriate position)

Option	Very good	good	Fair	Poor	Very poor
1. Does this report fully and accurately disclose the systems, measures and performance of CRCC in the fields of economy, society, and environment?					
2. Does this report respond to the issues and disclose the information concerned by stakeholders?					
3. Does this report disclose clear, accurate and complete information, indicators, and data?					
4. What is your opinion on the readability of this report, i.e., the logic, content design, wording, and layout?					

Open-Ended Questions:

1. What do you think is the most satisfying part in this report?

2. What kinds of information would you like to learn more about?

3. What are your suggestions for our future social responsibility reports?
