



通用技术

GENERTEC

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2023

通用技术集团
企业社会责任报告



报告导读

本报告为年度报告，是中国通用技术（集团）控股有限责任公司发布的第 7 份企业社会责任报告。



称谓说明

为便于表述，报告中“中国通用技术（集团）控股有限责任公司”可用“通用技术集团”“集团”或“我们”表示。



时间范围

报告时间跨度为 2023 年 1 月 1 日至 2023 年 12 月 31 日，部分内容超出上述范围。



报告范围

报告覆盖通用技术集团及所属各单位，我们保证报告信息的真实性和准确性。



数据来源

报告中经营数据源于通用技术集团及所属各单位正式文件和统计报告。



编制依据

联合国可持续发展目标 2030（SDGs）

全球报告倡议组织《可持续发展报告标准》（GRI Standards）

国际标准化组织《ISO 26000 社会责任指南（2010）》

国务院国资委《关于国有企业更好履行社会责任的指导意见》

中国社会科学院《中国企业社会责任报告指南（CASS-CSR 4.0）》《中国企业社会责任报告指南（CASS-ESG 5.0）》



报告获取

本报告为简体中文报告，主要以 PDF 电子文档形式向利益相关方及社会公众公布，PDF 文档可在公司官方网站（<http://www.gt.cn/>）下载阅读。如需印刷版报告，请发送邮件至 genertec@gt.cn。本报告在编制过程中尽可能考虑不同利益相关方阅读需求，力求简洁、清晰和易读。为拓展报告信息量，部分内容以二维码形式呈现，如需进一步获取信息可通过扫描二维码查看详情。



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中国通用技术（集团）控股有限责任公司

2023 年是全面贯彻党的二十大精神开局之年，也是通用技术集团在基本完成战略布局后推进内涵式发展的重要一年。这一年，我们坚决贯彻落实习近平总书记重要指示批示精神，深入开展学习贯彻习近平新时代中国特色社会主义思想主题教育，聚焦新时代新征程中央企业新使命新定位，坚定服务制造强国战略、健康中国战略、“一带一路”建设，全面履行中央企业的政治责任、经济责任、社会责任，在服务国家战略和人民美好生活中展现新担当新作为，在建设世界一流企业征程上迈出坚实步伐。集团获评 2023 年中央企业负责人经营业绩考核 A 级、中央企业改革深化提升行动重点任务考核 A 级、中央企业科技创新优秀企业，中央企业定点帮扶工作成效考核评价等次为“好”。

我们服务大局担使命，发展新质生产力。

勇担高端数控机床发展重任，着眼国家战略需求和国际竞争前沿，加快推动工业母机战略性新兴产业创新发展，三级研发体系初步构建，产学研用协同创新不断深入，与高校共建联合研究院、联合实验室，关键核心技术攻关取得重要突破，服务国家重点行业、关键领域的能力显著提升，通过订单牵引和股权投资等方式带动 1200 余家产业链上游企业发展；投资超 20 亿元实施两期技术改造项目，机床制造高端化智能化绿色化水平不断提升。用心守护人民健康生活，以“通用健康”品牌为人民群众提供集预防、治疗、康复、养老于一体的全方位全生命周期医疗健康产品和服务，目前拥有医药商业分支机构近百家，医疗机构超过 400 家，开放床位近 5.2 万张，拥有省级及以上重点（建设）专科 75 个；大力推进养老产业发展，承接国家党政机关和国有企事业单位培训疗养机构转型发展养老项目 56 个；组建健康管理公司，推动健康管理业

务战略布局全面展开，持续推动医疗资源下沉，“小通诊所”全国布局超过 500 家。积极参与高质量共建“一带一路”和国际产能合作，持续加大重点区域重点行业资源投入和业务布局，国际国内新能源装机容量超过 1GW；海外运营项目再创佳绩，孟加拉国自营电站项目年内发电超过 70 亿度，占当地年发电量的 10%，哈萨克斯坦 ALLUR 公司汽车销售量近 10 万台，在当地市占率超过 50%，为当地经济社会发展和增进民生福祉作出积极贡献。

我们锐意进取强创新，提高核心竞争力。

把科技创新摆在集团发展全局的核心位置，建立覆盖全产业领域的科技创新体系，持续增加科研投入，加快布局高水平科技创新平台，着力打造高层次科技人才队伍，加强重大科技任务攻关，全力突破一批重点领域关键核心技术。2023 年，集团 2 项成果荣获国家科技进步二等奖，荣获省部级以上科技奖励共计 34 项，12 项成果入选《中央企业科技创新成果推荐目录（2023 年版）》；获授权发明专利 143 件，制修订国际标准 2 项、国家和行业标准 72 项；发表 SCI 论文 257 篇。

我们坚定不移抓改革，提升价值创造力。

以增强核心功能、提高核心竞争力为重点，扎实推进改革深化提升行动，锚定“三个明显成效”加快建设充满内生动力活力的现代新国企，6 家产业子集团组建完成并实现机构、职能、制度、功能“四个到位”。持续深化对标提升行动、价值创造行动，将对标一流作为推动企业价值创造、实现高质量发展的关键举措来抓，不断推动集团管理更精细、运转更高效、发展更安全、品牌更响亮。将社会责任和 ESG 融入企业战略、治理和日常经营，最大限度创造经济、社会和环境综合价值。

我们聚焦“双碳”促转型，增强绿色驱动力。

坚持生态优先、绿色低碳发展，积极践行碳达峰碳中和理念，完善节能环保管理体系，加大环保基础设施投资建设力度，协同推进降碳、减污、扩绿、增长，加快形成绿色低碳发展新格局，厚

植高质量发展的绿色底色。全面推进产业绿色化，在机床、医药、新材料等重点领域进行用能结构调整和绿色化升级改造；谋篇布局绿色产业化，拥有年产 10 万吨莱赛尔纤维产能规模，阻燃莱赛尔纤维项目取得重大技术突破，我国首条万吨级阻燃莱赛尔纤维生产线一次开车成功。通用技术机床公司获评 2023 年中国工业碳达峰“领跑者”企业，通用技术沈阳机床、通用技术中国医药所属三洋药业获评国家级“绿色工厂”。

我们积极履责为人民，凝聚温暖向心力。

悉心善尽社会责任，以定点帮扶助力乡村振兴，向内蒙古武川、商都投入帮扶资金 3035 万元，采购两县农产品 1406 万元，帮助销售两县农产品 2042 万元，开展“通用健康行”“百个党支部帮扶百名留守学生”等主题活动，在希望的田野上谱写乡村振兴新篇章；发挥集团医疗资源优势，将先进的医疗技术和优质的健康服务送到新疆、西藏、青海等边疆少数民族地区；冲在防灾减灾救灾前线，高效调度医疗救治、物资供应、通讯保障、施工抢险等各方救援力量，先后派出 56 支队伍、541 人次参与抗洪抗震救灾工作，在关键时刻展现了央企责任担当。

新时代同心逐梦，新征程凯歌以行。

2024 年，通用技术集团将更加紧密地团结在以习近平同志为核心的党中央周围，坚持以习近平新时代中国特色社会主义思想为指导，深入贯彻落实党的二十大精神，勇担使命、敢做善为，在建设现代化产业体系、构建新发展格局中切实发挥好科技创新、产业控制、安全支撑作用，加快建设世界一流企业，为以中国式现代化全面推进强国建设、民族复兴伟业作出新的更大贡献！

关于我们

中国通用技术（集团）控股有限责任公司（以下简称“通用技术集团”）成立于 1998 年，是中央直接管理的国有重要骨干企业，2018 年 12 月获批成为国有资本投资公司试点企业，拥有沈阳机床、环球医疗、中国医药、中纺标、中成股份 5 家上市公司。

近年来，通用技术集团聚焦先进制造与技术服务、医药医疗健康、贸易与工程服务三大主业，持续优化布局结构，不断强化创新驱动，着力推动高质量发展，在中央企业经营业绩考核中 13 次获得 A 级，7 次入围《财富》世界 500 强。

使命

以科技进步和品质服务引领美好生活

愿景

成为具有全球竞争力的世界一流企业

核心价值观

诚信 包容 创新 实干 卓越 共赢

在先进制造与技术服务领域

集团积极践行制造强国战略，把发展高端数控机床作为集团的第一核心主业。新中国成立以来，集团在机床装备领域创造了数十个全国第一，涌现出开国劳模、全国劳模近 20 人，不断传承发扬马恒昌小组精神。目前，集团拥有 1 家机床工程研究院和 7 家机床生产制造单位，与天津市政府共同组建机床装备集团，牵头成立“数控机床产业技术创新战略联盟”，建立装备数字化创新研发基地，已经发展成为国内机床行业中产品种类最多、服务领域最广、综合技术能力最强，为重点行业和关键领域提供高端核心装备最多的龙头企业。集团大力推进新溶剂法纤维素纤维产业化，使中国成为全球第二个拥有绿色纤维产业化技术的国家；阻燃莱赛尔纤维项目取得重大技术突破，万吨级生产线一次开车成功。

在医药医疗健康领域

集团积极服务健康中国战略和积极应对人口老龄化国家战略，加快构建以健康为目标引领、以医疗服务为支撑、以全业态全方位服务保障的大健康生态体系，为人民群众提供集预防、治疗、康复、养老于一体的全方位全周期医疗健康产品和服务。在全国 30 个省市拥有医药商业分支机构 92 家，位列 2022 第八届中国最具影响力医药企业百强榜第 2 位；拥有医疗机构 403 家，分布于全国 27 个省市，开放床位数 5.2 万张，建成“小通诊所”518 家，服务覆盖超过 1000 万人，发展成为床位数量领先、网络覆盖全、全产业链特征明显的央企医疗集团，在保障国家重要行业和关键领域卫生健康安全、保障疫情防控和防汛救灾、保障药品和医疗器械应急供应等方面发挥了重要作用；集团所属 5 家医疗平台共有 125 家医疗机构开展健康体检、健康管理业务，服务覆盖 25 个省份；在全国 16 个省市运营 40 家各类型健康养老机构 6000 余张养老床位，同时还积极参与国家党政机关和国有企事业单位培训疗养机构改革，转型发展普惠养老，已累计承接全国各地 56 家培训疗养机构，储备养老床位近万张。

在贸易与工程服务领域

集团是国家先进技术和重大装备引进的主渠道和主力军，新中国成立初期引进了奠定我国工业基础的 156 项先进技术和成套设备，70 多年来为国家各行各业引进先进技术、成套设备累计 3400 多亿美元，为共和国工业化和推进国家重大技术装备国产化作出了重要贡献；深度参与“一带一路”建设和国际产能合作，带动中国产品、中国技术、中国标准、中国品牌走向世界；在承担国家特殊重大工程建设中具有悠久历史和显著优势，累计荣获中国建设工程鲁班奖、国家优质工程奖等国家级奖项 88 项；是国内最大的移动通信终端产品分销商之一，构建了移动通信终端分销与物流、智能网联车、智慧空间、国际展览与广告、国际贸易与招投标、通信工程建设、移动通信业务虚拟运营等功能完备的完整供应链体系。

责任模型： 通用技术集团社会责任六瓣花

通用技术集团秉承“以科技进步和品质服务引领美好生活”的企业使命，积极履行社会责任，为经济、环境和社会创造多元价值。

2023 年，通过与利益相关方广泛沟通，并结合集团自身业务与能力，我们构建了“通用技术集团社会责任六瓣花”模型，6 片花瓣分别对应经济、客户、环境、员工、社区、治理 6 大责任，瓣瓣不同，却瓣瓣同心，既是集团实现高质量发展的内在要求，又契合联合国 17 项可持续发展目标（SDGs），让爱与责任一路生花、尽情绽放。



筑梦 2030：






通用技术集团与联合国可持续发展目标（SDGs）

2015 年，联合国通过以 17 个可持续发展目标为核心的 2030 年可持续发展议程。作为全球企业公民，通用技术集团积极践行 SDGs，不断夯实可持续发展根基，创造与利益相关方的共同价值。





2023 年成绩单

<div></div> <div>经营绩效</div>	<div>资产总额</div> <div>3009.8 亿元</div> <div>同比增长</div> <div>8.5%</div>	<div>净资产</div> <div>943.7 亿元</div> <div>同比增长</div> <div>5.8%</div>	<div>营业总收入</div> <div>2048.4 亿元</div> <div>同比增长</div> <div>11.9%</div>	<div>利润总额</div> <div>69.3 亿元</div> <div>同比增长</div> <div>16.3%</div>	<div>纳税总额</div> <div>66.6 亿元</div>
<div></div> <div>主营业务</div>	<div><div><div>服务制造强国</div><div><div>向重点用户企业累计交付高端主机装备 71 台（套），自动生产线 6 条。</div><div>工业母机带动产业链上游企业 1200 余家。</div></div><div><div>数控机床产业技术创新战略联盟成员增至 66 家。</div><div>阻燃莱赛尔纤维项目万吨级生产线一次开车成功。</div><div>莱赛尔纤维产能达 10 万吨。</div></div></div><div><div>服务健康中国</div><div><div>拥有医药商业分支机构近 100 家，医疗机构超过 400 家，开放床位近 5.2 万张，新增省级及以上重点（建设）专科 22 个，累计达到 75 个。</div><div>成立集团首批 6 个全国医学中心和 5 个专科联盟，试点区域医院联盟 5 家。</div><div>“小通诊所”总量达 518 家，服务覆盖超 1000 万人。</div><div>养老机构及医养结合项目共计 40 个，运营床位约 6000 张，接收培训疗养机构 56 家。</div></div></div><div><div>服务国内国际双循环</div><div><div>全面构建“人车屋”全生态业务布局，渠道网络遍布全国 31 个省份近 1000 个重点市县。全年智选车销量达 7000 台以上。</div><div><div>国际工程业务新签合同额同比增长 65.6%。</div><div>国际绿色供应链业务新签合同同比增长 36.5%。</div></div><div>中标北京大学人民医院雄安院区等多个标志性重大工程。</div></div></div></div>				
<div></div> <div>科技创新</div>	<div><div>研发经费投入强度 1.2%。</div><div>由机床工程研究总院、7 家地方研究院、8 家企业技术中心构成的三级研发体系初步构建，近 1600 人的科研团队配备到位。</div></div> <div><div>新获批国家级项目 13 项，在研国家级项目 28 项。</div><div>2 项成果荣获国家科技进步二等奖。</div><div>省部级以上科技奖励共计 34 项。</div><div>制修订国际标准 2 项，国家和行业标准 77 项。评选出集团级科技成果 27 项、集团级青年科技英才 9 名。</div><div>12 项成果入选国务院国资委《中央企业科技创新成果产品手册（2023 年版）》。</div></div>				
<div></div> <div>深化改革</div>	<div>扎实推进新一轮改革深化提升行动，完成 42 项重点改革举措和 105 项细化标准任务。</div> <div>6 家产业子集团组建完成并实现机构、职能、制度、功能“四个到位”。</div> <div>契约化管理企业户数和人数 100% 全覆盖。</div>				
<div></div> <div>党的建设</div>	<div>主题教育见成效，集团三级以上领导干部讲授党课 1807 场，覆盖 9.7 万人次；深入 2610 个单位，开展调查研究 2862 次。</div> <div>2021、2022、2023 年度中央企业党建考核连续三年获评 A 级。</div>				

01

开展主题教育，
以高质量党建引领高质量发展



通用技术集团坚持以习近平新时代中国特色社会主义思想为指导，全面学习贯彻党的二十大精神，深入开展学习贯彻习近平新时代中国特色社会主义思想主题教育，落实“123566”党建工作体系，持续加强党的政治建设、思想建设、组织建设，以高质量党建引领保障企业高质量发展。集团在 2021、2022、2023 年度中央企业党建考核中连续三年获评 A 级。

扎实开展主题教育

集团牢牢把握“学思想、强党性、重实践、建新功”总要求，锚定新时代新征程国资央企新使命新定位，高质高效推进主题教育，深化落实“第一议题”“中心组学习”“首要议题”制度，以“五学联动”抓实理论学习、以“五单闭环”推动整改任务落实，在以学铸魂、以学增智、以学正风、以学促干方面取得实实在在的成效。

通过主题教育，切实把党的创新理论转化为坚定理想、锤炼党性和指导实践、推动工作的强大力量，在推动高质量发展、服务基层、服务员工、服务人民群众等方面取得明显成效。



2024 年 2 月，集团召开学习贯彻习近平新时代中国特色社会主义思想主题教育总结会议

- 累计召开 **7** 次主题教育推进会，**4** 次业务培训会，**6** 次领导小组会，**15** 次领导小组办公室会议。
- 各单位累计开展集中学习研讨 **669** 次，集团三级以上领导干部带头讲党课 **1807** 场，覆盖 **9.7** 万人次；深入 **2610** 个单位，开展调查研究 **2862** 次。
- 集团推进 **2186** 个党组织、**2.7** 万名党员、**4** 万名团员和青年扎实开展主题教育。
- 第一批主题教育 **396** 条问题、第二批主题教育 **1813** 条问题均已整改完成，**100%** 销号。
- 第二批主题教育期间，集团广大医疗机构深入开展“通用健康行”活动，派出医疗队伍 **1625** 支、医务人员 **10774** 人次，服务群众 **23.8** 万人次。
- 评估结果显示，职工代表对集团开展主题教育评价为“好”和“较好”占比 **99.68%**。
- 集团主题教育经验做法先后 **41** 次被主流媒体宣传报道。

全面加强党的建设

强化政治建设。把党的政治建设摆在首位，自觉维护党中央集中统一领导，深刻领悟“两个确立”的决定性意义，坚决做到“两个维护”。加强政治监督，推动党的二十大战略部署落实落地。

夯实基层基础。组织实施“七抓”工程，通过摸底排查，规范设置集团党组织、工会组织、团组织，表彰先进集体和个人，加快境外党组织建设。持续推动党建与业务深度融合，出台关于加强集团所属医院党建工作的实施办法，持续打造五星党支部、“党建+”工程两个品牌工程，9 个案例入选“国企党建品牌建设优秀案例”。修订集团党建考核办法、制定工会考核制度。



通用技术齐二机床开展主题党日活动



通用技术新兴公司召开“两优一先”表彰会议

培育高素质人才队伍。首次召开集团组织工作会议，全面科学开展干部综合考评、二级班子盘点和年轻干部“三合一”专项调研，持续优化调整二级班子结构、常态化培养选拔优秀年轻干部、加强干部经常性监督，加快科技人才引进和培养。

坚持全面从严治党。全力支持配合二十届中央巡视，深入检视问题、查找差距不足。高质量开展集团内部巡视，出台党组巡视工作五年规划。持之以恒纠治“四风”，一体推进“三不腐”，召开全系统警示教育大会，深化“靠企吃企”专项整治，启动违反中央八项规定精神问题专项治理，统筹开展医药领域腐败问题集中整治，开展纪检干部教育整顿。



2024 年 1 月，集团召开 2024 年全面从严治党工作会议

反腐倡廉教育覆盖率

2021 年 **100%**

2022 年 **100%**

2023 年 **100%**

02 服务国家区域协调发展战略，融入现代化建设大局

聚焦

通用技术集团主动服务国家区域协调发展战略，在东北、京津冀、海南自贸港、海峡两岸融合示范区等重点区域深耕业务，发挥辐射和带动作用，为区域经济社会发展注入强劲动能。

东北全面振兴

集团坚持助力东北全面振兴，积极与地方政府、当地企业沟通交流，与辽宁省加强在工业母机、医药及医疗器械等领域的合作，打造央地互利共赢新典范和产业发展新增长极。

组建辽宁省工业母机创新中心

2023 年 8 月，由通用技术沈阳机床牵头，通用技术大连机床、大连理工大学等 32 家单位共同组建“辽宁省工业母机创新中心”。该中心聚焦“攻克核心功能部件、开发高端工业母机、带动重点装备发展、对外技术服务、推动产业协同”五大目标，着重解决工业母机整机和功能部件关键核心问题，赋能工业母机、重点装备行业和东北地区高质量发展。

京津冀协同发展

集团坚定服务京津冀协同发展，积极参与天津制造业高质量发展等“十项行动”，深化机床、新能源、医药医疗等领域合作，助力天津全面建设社会主义现代化大都市。



2023 年 9 月，通用技术集团与天津市北辰区举行项目合作签约仪式

聚焦工业母机，助力天津加快形成新质生产力

集团大力推动在津业务布局，近三年累计投资 43 亿元。立足天津全国先进制造研发基地功能定位，布局通用技术天锻公司和通用技术天津一机，建成三级研发体系，与天津大学等高校开展工程硕博士联合培养、共建重点实验室，聚焦机床重点产品系统布局关键核心技术攻关。

海南自贸港

集团坚定服务海南自贸港建设，运营的国家技术转移海南中心正式揭牌，依托海南自贸港的制度优势和集团的产业优势，充分发挥技术要素跨境流动枢纽作用，打造全要素集聚、全链条贯通的国际化技术转移服务平台。

引进海外“孤儿药”，国家技术转移海南中心成功签约首单国际技术转移

2023 年 11 月，在第六届中国国际进口博览会上，国家技术转移海南中心与通用技术中国医药、印度瑞迪博士签署三方协议，合作将“盐酸沙丙蝶呤散剂”新药引进中国，这是国家技术转移海南中心签署的首单国际技术转移合作协议。通过合作，国家技术转移海南中心从海外引进治疗罕见病的“孤儿药”，并在海南注册、销售，逐步实现生产落地，更好地服务“健康中国”战略。

海峡两岸融合示范区

集团与福建省签署战略合作框架协议，积极服务海峡两岸融合示范区建设，成立通用技术金砖公司，投资 55 亿元在厦门建设金砖创新基地总部区项目，助力金砖新工业革命伙伴关系建设。

通用技术金砖创新基地总部区项目开工

通用技术金砖创新基地总部区项目位于厦门市湖里区两岸金融中心五通商务片区核心门户区，以科技、文化、贸易、现代服务业为主导产业，打造“金砖+”新工业革命产业创新引领极、金砖国家新兴市场全球影响力增幅器、金砖国际合作新平台，为厦门市的可持续发展和发展中国家新兴产业的培育提供有力支撑。

援疆援藏援青

集团依托优质医疗资源，组建援疆、援藏及援青、甘、川涉藏州县健康巡诊医疗队，将先进的医疗技术和优质的健康服务送到边疆少数民族地区。加快选派援扶干部，积极援建基础设施，支持发展医药医疗和纺织等地方产业，稳步推进边疆地区经济社会高质量发展。

“世界屋脊”走出“央企楷模”

2024 年 1 月，通用技术集团“世界屋脊”医疗服务队荣获国务院国资委党委授予的“央企楷模”称号。30 余年来，由通用技术环球医疗、通用技术通用医疗、通用技术国中康健、通用技术航天医科、通用技术宝石花医疗五家医疗平台所属医院上千名队员组成的“世界屋脊”医疗服务队，长期奋战在高寒缺氧、极其艰苦的青藏地区，累计巡诊里程 500 余万公里，接诊治疗病人 50 余万人次，给当地带去医疗卫生新技术新项目 100 余项，填补当地医疗技术空白数十项，为青藏地区重大工程保障和当地民众健康筑起一道坚不可摧的防线。



03 沿着总书记的足迹， 十年精彩蝶变谱写新篇章

聚焦

2013 年 8 月 30 日，习近平总书记视察沈阳机床时指出：“技术和粮食一样，靠别人靠不住，要端自己的饭碗，自立才能自强。”通用技术机床板块各企业谨记总书记嘱托，坚守创新超越、产业报国的信念，坚决打好扭亏脱困、科技创新两大攻坚战，助力集团谱写高质量发展的新篇章。

涅槃重生：“老机床”改出新活力

沈阳机床成立于 1935 年，曾创造了新中国多项第一，是新中国第一台机床的诞生地，聚集了曾经是我国机床行业“十八罗汉”中的 3 家企业，是我国机床行业的排头兵。但受历史原因及内外部因素影响，沈阳机床长期处于亏损状态，陷入破产危机。

习近平总书记的关怀成为沈阳机床改革攻坚破困局、科技创新开新局的强大动力。2019 年，在国家部委、辽宁省、沈阳市各级政府部门的支持帮助下，通用技术集团对沈阳机床实施战略重组，推进沈阳机床综合改革。2021 年，通用技术沈阳机床技术改造和制造能力升级项目正式启动。

重组三年来，通用技术沈阳机床按照制造能力建设“补短板、上水平、自武装”三步走战略，制定 2021 年—2027 年技改项目计划，全面提升公司制造能力和水平，企业发展焕发勃勃生机；三年间销售收入翻了一番，跻身国内金切机床领域企业前三强，实现过去十年以来的首次经营盈利，打赢扭亏脱困攻坚战；积极缩减下属法人机构，优化人才结构，彻底解决长期遗留的历史问题；承担重大科研项目攻关任务，实施揭榜挂帅，探索技术总师制，只争朝夕攻克“卡脖子”技术难题，企业五轴高端产品在国内机床行业第一方阵的地位日趋稳固，重大项目如期顺利交付。



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通用技术沈阳机床研制的龙
门机床突破 0.01 毫米

以科技驱动品质服务引领美好生活

技改项目有序推进，服务国家战略能力不断提升

通用技术沈阳机床先后启动制造能力改造升级一期、二期项目，全面提升公司整体制造能力和水平。2023 年，公司技改项目一期 5 条数字化生产线和 1 条流式装配线已进入安调阶段。项目实施后，生产效率、零件质量、检测能力显著提升；车间环境和作业工况明显改善，制造能力和生产水平稳步增长，数字化、绿色化转型不断夯实。



再启新程：乘势而上振兴“工业母机”

2023 年 8 月，通用技术集团以“习近平总书记视察沈阳机床十周年”为契机，围绕视察重要讲话精神在全集团开展再学习、再宣传、再落实、再提升系列活动。通过一系列详细的工作方案和多样化的“再学习”形式，对标国资央企新使命新定位、科技自立自强、工业母机和战新产业发展最新要求，加快战略布局、深化企业改革、强化科技创新、着力提质增效，推动集团机床产业走上健康发展轨道，增强各企业和职工服务制造强国战略的使命感和责任感。



2023 年 8 月，集团领导参观通用技术沈阳机床专题展

01

发挥核心功能 服务国家战略

国之大者，责任为先。通用技术集团牢记央企职责使命，勇做“制造强国”主支撑，以高端数控机床和新材料引领产业升级；勇做“健康中国”生力军，加快构建以健康为目标引领、以医疗服务为支撑、以全业态全方位服务保障的大健康生态体系；勇做“一带一路”建设主力军，带动中国装备、中国技术、中国标准、中国品牌走向世界。

SDGs

8 体面工作和经济增长

9 产业、创新和基础设施

12 负责任消费和生产

17 促进目标实现的伙伴关系

20
筑牢“制造强国”
坚实基础

23
打造“健康中国”
优秀范本

30
共建“一带一路”
丰硕成果

筑牢“制造强国”坚实底座

集团把发展高端数控机床作为第一核心主业，厚植机床装备、新材料高质量发展根基，推动集团制造业迈入高端化、智能化、绿色化发展快车道，加快形成新质生产力。

技术齐进步，匠心来铸就

机床板块：
服务关键领域实现营业收入同比增长

41%

产品附加值持续上升，单台机床价格同比提高

28%

全年开发新产品

80项

向重点用户企业累计交付

71台（套）高端主机装备

及

6条自动生产线

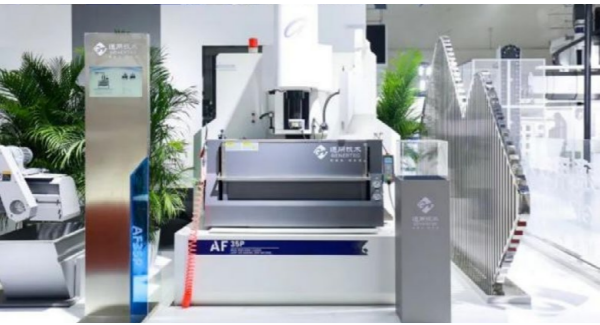
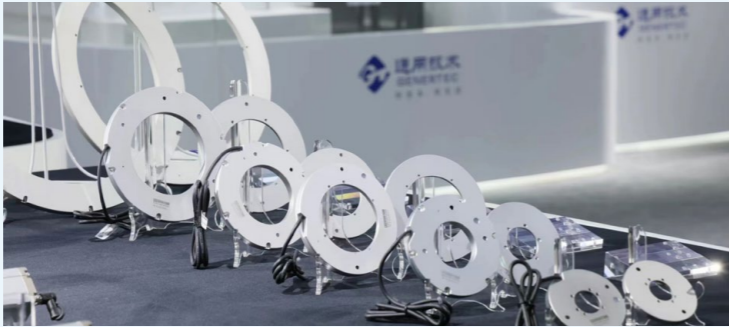
机床装备

集团充分发挥机床产业“国家队”作用，优化产业布局和产品结构，推进产业基础高级化、产业链现代化，实现“工业母机”高水平自立自强，打造具有自主核心技术和全球竞争力的世界一流高端机床装备集团。



以时间测量空间的“精密之眼”

纳米时栅是我国自主研发的首创性成果，产品主要有圆时栅和直线时栅两大类，可广泛应用于高端数控机床、量具量仪等领域。通过空间位移和时间基准之间的比较，实现高精度位移测量，纳米时栅的测量精度最高可达 ± 0.06 角秒，达到现有检测仪器水平的极限，处于国际领先水平，实现了我国精密位移测量技术的自主可控、高端精密位移测量领域的国产化替代。



2023 年 4 月，集团参加第十八届中国国际机床展览会。图为通用技术机床研究院的 AF35P 高精度电火花成型机



集团承办 2023 “一带一路”暨金砖国家技能发展与技术创新大赛之“通用技术杯”数控多轴加工大赛



小通档案

通用技术国家机床质量监督检验中心是国内机床行业首家由国家依法授权的具有第三方公正性的国家级检验机构，业务涵盖机床产品检验检测、认证、测试诊断评价、智能制造成熟度评估、标准研究、共性技术研究等。

新材料

集团聚焦绿色纤维、特种纤维、高性能纤维推进产业布局，形成纤维新材料、化纤装备制造与工程服务、纺织新材料、纺织化工与生物技术以及标准检测与技术服务全产业链布局，化纤装备制造企业位居全球前三甲，是国内唯一掌握并拥有莱赛尔纤维产业化成套技术自主知识产权的企业。



阻燃莱赛尔纤维具有优良的力学性能和持久的阻燃性能，广泛适用于国防安全、消防救援、产业用纺织品等领域

阻燃莱赛尔纤维万吨级生产线生产一次开车成功，填补国际空白。

“年产 6 万吨 Lyocell 纤维生产线建设项目”通过验收，莱赛尔纤维产能达到 10 万吨 / 年，国产莱赛尔市场占有率常年名列前茅，单位生产成本达到行业先进水平。

通用技术新材所属东莞中纺化工顺利通过蓝标体系认证，获得蓝标合作伙伴证书。



通用技术中纺院所中纺参参与起草的两项国际标准正式发布



通用技术新材绿纤医护纺织品助力集团医疗健康产业发展



通用技术新材亮相 2024 yarnexpo 春夏纱线展

2024 年 3 月，中国国际纺织纱线（春夏）纱线展览会成功举办，吸引来自 11 个国家和地区的 500 余家优质纤维纱线企业参展。通用技术新材携多领域科研成果、绿纤及应用产品、特纤及应用产品等百余件展品以及标准检测与技术服务实力亮相展位，为行业及客户提供纤维新材料整体解决方案，以“科技 + 产业”的全新展现形式积极践行“以科技进步和品质服务引领美好生活”的企业使命。



2023 年

机床板块共获授权发明专利

45 项

机床板块制修订国家、行业和团体技术标准

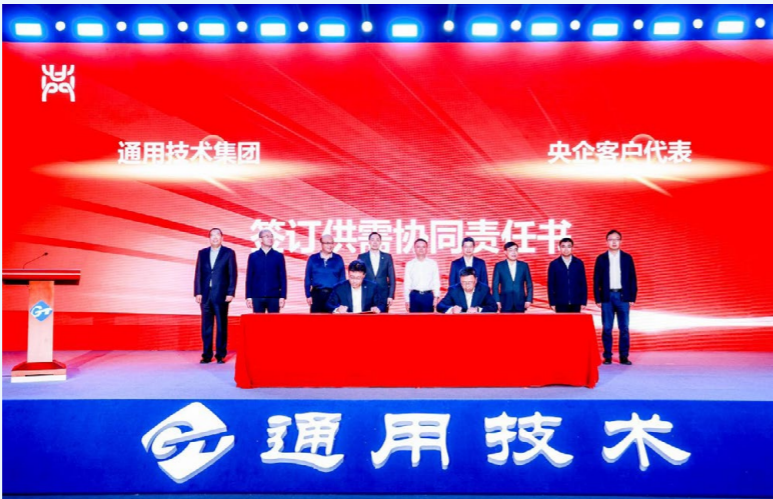
27 项

同心强产业，携手促发展

集团不断提升工业母机创新能力，牵头与国内产业链上下游企业、高校及科研单位成立“数控机床产业技术创新战略联盟”，在确保高端机床装备有效供给、确保产业链供应链自主可控上发挥战略支撑作用。集团与 8 大重点领域、21 家重点用户单位共同推进复杂零部件加工装备的关键核心技术攻关和研发工作；与西安交通大学共建联合研究院，与南京航空航天大学共建联合实验室，获批天津市工业母机创新联合体、辽宁省工业母机创新中心；与“黄海”“龙城”等行业重点实验室签订战略合作协议。

通用技术集团举办工业母机产业共链行动暨技术创新高端论坛

2023 年 9 月，在国务院国资委、工业和信息化部的指导下，由中国工业经济联合会与通用技术集团联合主办的工业母机产业共链行动暨技术创新高端论坛在通用技术沈阳机床成功举办。论坛期间，集团就深化战略合作举行签约仪式，与央企客户代表和中小企业代表分别签署供需协同责任书和战略合作协议，发布共链发展供需对接清单，为共链发展打造全新模式，开启崭新征程。



联合发力，高质量完成重大攻关任务

由通用技术机床研究院牵头承担的国家部委某重点项目联合各单位攻克技术及工程应用难题，带动上下游产业企业持续开展关键核心技术和零部件薄弱环节的系统攻关，项目研制的五轴重切龙门镗铣加工中心、精密卧式加工中心、精密复合数控磨床、精密立式磨床共 20 台工程样机精度全部达到考核指标，完成工程化应用，在加工大中型数控机床等领域实现国产化替代和全面应用。



打造“健康中国”优秀范本

集团坚持做强做优做大医药医疗健康业务，充分发挥医、康、养、药、械产业聚合、业务协同、资源共享的运营优势和业务领域多、网络覆盖广、医疗机构层级全的产业优势，加快构建以健康为目标引领、以医疗服务为支撑、以全业态全方位服务保障的大健康生态体系，以“通用健康”品牌为人民群众提供集预防、治疗、康复、养老于一体的全方位全周期医疗健康产品和服务。



“通用健康”，以“仁爱为本 央企品质”赋能高质量发展

2023 年，集团树立“通用健康·仁爱为本 央企品质”的品牌理念，重在提升患者、员工满意度，牵引医疗质量和水平不断提升，努力为人民提供“最暖心”“最优质”的医疗健康服务。在统一品牌战略的引领下，集团加速构建医疗、健管、康养一体化赋能体系，医疗健康业务实现持续较快增长，成为集团高质量发展的重要动能。



扫码查看：
《通用健康》宣传片

通用技术集团精彩亮相首届链博会“健康生活链”展区

2023 年 11 月，首届中国国际供应链促进博览会在北京开幕。在“健康生活链”展区，集团携旗下大健康产业各公司，集中展示医药、医疗、健管、康养等领域的新技术、新产品、新服务，打造覆盖“-1—100+岁”、以人为本的医疗健康服务新生态。



2023 年

获批
18 个品种

其中一致性评价
11 个

新产品开发
5 个

原料药
2 个

重点产品销售突破
15 亿元

中标国采产品
8 款

实现过亿销售额药械产品
11 个

商业模式创新不断推进，SPD 项目数量累计达到
20 个

积极响应医疗器械国产化，推进国产产品销售及品种增加，
6 条 IVD 流水线完成安装

医药及医疗器械

集团加强医药产业品种建设，推动实业化转型，初步建立起以医药及医疗器械商业为引擎、以医药工业为支撑的贸工技服一体化产业格局，涵盖种植加工、研发、生产、销售、物流、进出口贸易、学术推广、技术服务等全产业链条。



医疗服务

集团将医疗业务作为做强做大的“主动能”，成立医疗健康养老业务管理委员会，统筹谋划 18 个方面资源整合，初步构建一体化赋能体系，努力建设成为国内领先的综合医疗服务供应商、医疗行业服务模式创新探索先锋、医疗健康政策及标准深度参与者、保障全民健康美好生活服务典范。



布局优化

- 医疗机构数量增至 403 家，分布于全国 27 个省市，开放床位 5.2 万张，三级医院增至 31 家，持续巩固最大央企办医主体的行业地位。
- 门急诊人次超 3000 万，出院人次超过 140 万，床位使用率稳步提升，平均住院日优于全国公立医院均值。



学科建设

- 制定《重点学科建设方案》，成立第一批 6 个集团级专科疾病全国医学中心和 5 个集团级专科联盟。
- 通用技术通用医疗所属三二〇一医院骨科获批国家级重点专科。
- 集团新增省级及以上重点（建设）专科 22 个，总量达到 75 个。



运营管理

- 继续开展“向长庚医院学管理”，71 家二级及以上的医院成立独立的运营管理部门。
- 组织 10 家医院开展示范医院建设、评选出 5 家二级标杆医院。
- 举办三级医院院长培训班。
- 集团 6 家医疗机构在 2022 年度国家三级公立医院绩效考核非年报组中获评 A 级，通用技术航天医科所属航天中心医院位列第 6 名，创历史最好成绩。



区域协同

- 建设 5 个区域医院联盟，发挥旗舰医院辐射带动作用。
- 建立健全医疗机构协同发展工作机制，实现资源帮扶、资源共享。



信息化建设

- 加快推动医疗数字化转型，推动所属医疗机构申请互联网医院资质，建设互联网医疗、远程医疗。



通用技术中国医药第六届进博会签约协议数量创历史新高

2023 年 11 月，第六届中国国际进口博览会在上海开幕。作为医药及医疗器械领域的国家队，中国医药始终重视与世界一流医药、医疗器械企业的交流合作，分别与飞利浦、瓦里安、GE 医疗、西门子等多家机构签署合作协议，合作协议数量、合作产品范围均创历史最高水平。





“通用健康行”真的行

通用技术集团把守护人民生命安全、身体健康放在首位，推动所属各医疗单位聚焦群众急难愁盼、看病就医“关键小事”和重点人群健康保障，累计派出医疗队伍 1625 支、医务人员 10774 人次，服务群众 23.8 万人次，“通用健康‘真的行’”的好形象广泛传播。

打好儿科门诊健康“宝”卫战

2023 年秋季，“肺炎支原体”席卷全国，各地儿科就医人数持续攀升，医院内人满为患、床位紧缺，集团所属各医院迅速行动，开启绿色通道、增加号源、扩容病房，24 小时正常接诊，全力以赴投入儿科门诊健康“宝”卫战。

集团各级医院共计开设儿科门诊 142 个，超一千余名医护人员全部自发停休。在儿科一线建立党员突击队、青年志愿服务队 30 余个，增设 24 小时儿科门诊、无假日门诊 60 余个，累计扩充儿科床位 800 余张，全力保障儿科就诊高峰。



把“特别门诊”开到群众的“心中”

集团系统各医院主动走到群众身边，了解影响百姓就医体验的“关键小事”，从就医时间、预约挂号、缴费拿药等方面深入挖掘群众所需所盼。为解决上班族、学生族等群体“白天没时间看病、晚上没处看病”的就医难题，相继推出“延时门诊”“夜间门诊”“无假日门诊”，全力满足群众错峰就医需求。

健康管理

成立通用技术健管公司，推进健康管理业务集团化、一体化管理，加快推动健康体检、健康管理的标准化、规模化、连锁化发展；推进“健康企业”建设，组建大客户服务工作专班；推动医疗资源下沉，创新建设百姓“家门口”“单位里”的“小通诊所”，打通看病就医“最后一公里”。

2023 年，集团 5 家医疗平台、125 家医疗机构开展健康体检、健康管理业务，服务覆盖 25 个省份；健康体检及健康管理业务服务 416 万人次，同比增长 14%；新开发 20 家一级大客户，服务央企大客户累计达到了 55 家，超过央企半数；建成“小通诊所”518 家，遍布全国 28 个省市，服务覆盖超过 1000 万人；“通用时代小通诊所”向集团广大职工开放运营。



推动“健康企业”建设，当好重点领域健康“守门人”

在祖国西部、北部边疆地区，能源、电力等重点企业的大量职工长期坚守在条件艰苦的生产一线，很难享受到高品质医疗健康服务。通用技术集团各医疗单位依托专业优势和保供经验，深入推进重点领域“健康企业”建设，全力做好每一位驻边职工的健康服务。

通用技术国中康健以西安电力医院、四川电力医院、北京电力医院为主体，先后赴新疆、甘肃、青海、西藏、四川等地，为电力一线员工开展健康体检、健康咨询和健康评估。截至 2023 年年底，巡诊已覆盖至 25 个基层单位，累计服务员工超 4000 人，开展健康体检近 3000 次，将关怀和温暖带到了一线电力员工身边。



“我们身处边疆，州县医疗水平有限，专家们医疗技术过硬、服务耐心周到，希望以后能有更多这样的机会。”

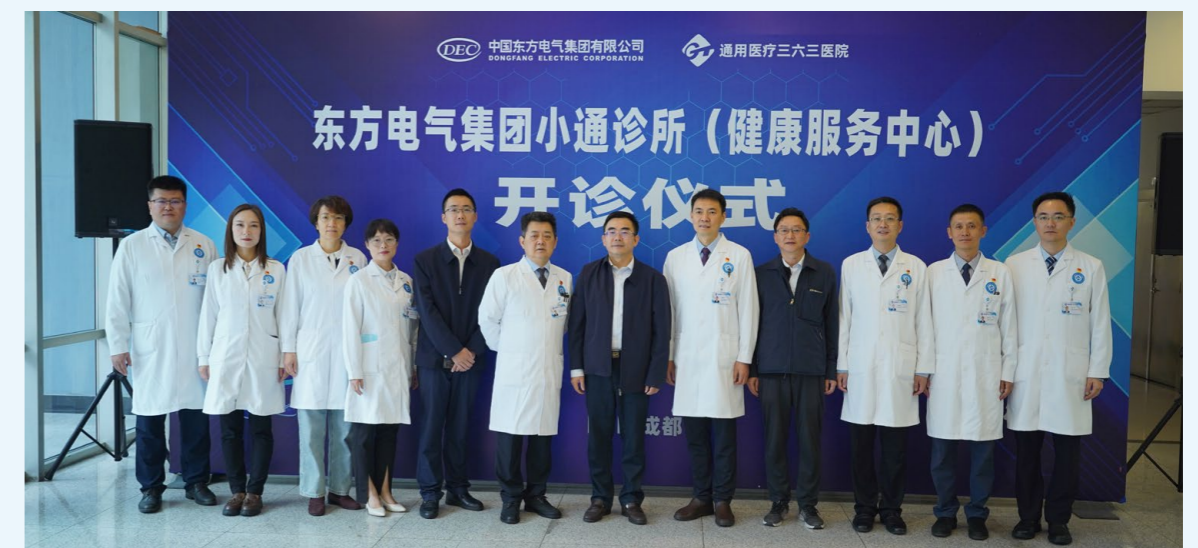
“听说你们明天还要赶往伊犁啊，真希望你们再多待几天，基层太需要这样的服务了。”

——国家电网喀什供电公司健康巡诊现场电网职工



央企合作再结硕果，东方电气集团“小通诊所”正式开诊

2023 年 10 月 11 日，东方电气集团“小通诊所”（健康服务中心）正式开诊，依托通用技术集团优质医疗资源，为东方电气集团广大干部职工提供专家上门巡诊、院内便捷就医、健康管理、各类活动医疗保障等医疗健康服务，成为央企合作落地的硕果。



2023 年

养老机构及医养结合项目
共计

40 个

运营床位约

6000 张

接收培训疗养机构

56 家

储备床位约

10000 张

健康养老

集团服务积极应对人口老龄化国家战略，持续发挥通用技术康养公司作用，做强专业化养老服务运营管理能力，积极参与国家党政机关和国有企事业单位培训疗养机构改革，成功落地多个标杆养老项目，致力于为老年人提供集日常照护、健康管理、疾病诊疗、康复护理、安宁疗护于一体的全过程健康养老服务，打造央企发展健康养老的“主阵地”。



通用技术康养公司联合中国人民大学、民政部培训中心共同牵头发起全国养老行业产教融合共同体，作为唯一央企单位统筹推动全国养老行业产教融合工作



通用技术国中康健所属国康庐山康养项目



通用技术航天医科所属七三一医院养老照料中心



通用技术宝石花医疗所属桂林宝石花医养结合项目



通用技术康养公司所属桂林培疗项目



通用技术康养公司 2 个在京项目开放体验

风华·北京泰谷山旅居中心

康养公司打造的首个环京田园康养型旅居养老项目，坐落于北京市密云区河南寨镇。项目占地 2000 亩，建筑面积 6700 平方米，拥有康养床位 110 张和多样化的配套设施，为入住长者提供旅居康养、健康管理、营养膳食等丰富服务。



旅居
康养

定期推出老年特色游产品，组织观光旅游、美食品鉴、健康管理和特色养生等活动。

健康
管理

定期推出“减重”“控糖”“睡眠”等主题式健康训练营，同时依托通用技术集团的医疗资源，提供健康监测、在线咨询等健康管理服务。

营养
膳食

厨师和营养师团队为入住长者提供营养膳食和具有养生保健功效的老年营养餐。中心自营菜园为长者提供绿色有机蔬菜，从田间直达餐桌，一路领“鲜”。

特色
服务

配置专职管家，为入住长者提供全面关怀和周到服务，包括居室清洁、衣物换洗、代订代取等，体验采摘蔬果、种植蔬菜等田园乐趣。

风华·北京南苑长者公寓

康养公司倾力打造的北京市丰台区街道级养老服务中心示范标杆项目，坐落于北京市丰台区南苑街道，项目建筑面积 6700 平方米，拥有床位 150 张，设置养老照料区、专业护理区、认知症专区、健康餐饮区、医疗康复区，致力于为入住长者提供全龄段、全方位的养老服务。



养老
照护

根据长者的综合评估等级，制定个性化的照护计划，建立个人健康档案；成立多学科照护团队，为自理、半自理、失能长者提供生活照料、身体护理等服务。

医疗
康复

在项目内设综合型“小通诊所”，推出“医疗 + 康复 + 养老”的一体化医养服务模式，实现在家门口快乐享老。

膳食
营养

为入住长者提供营养均衡、安全适老的餐饮服务，落实营养干预，降低噎食风险；为项目周边社区有需求的老人提供助餐服务，解决居家老年人用餐不便问题。

认知
照护

倾力打造认知症专区，组建专业认知症照护团队，与认知专家共同搭建形成特色认知症照护体系；通过多维度的干预，延缓病程发展，提高认知症长者生活质量。

文娱
休闲

带领入住长者进行丰富多彩的课程及主题活动，学习手工、园艺、国学、书法、音乐、插花、绘画、茶艺等课程。

共建“一带一路”丰硕成果

2023 年是共建“一带一路”倡议提出十周年，通用技术集团始终贯彻习近平总书记关于共建“一带一路”的重要讲话精神，发挥“引进来”主渠道和“走出去”先行者优势，将自身国际化经营融入“一带一路”建设浪潮中，打造一批重点项目，履行海外社会责任，助力构建国内国际双循环新发展格局，打造靓丽的“通用技术”名片。

优化境外业务布局

集团坚持以“高标准、可持续、惠民生”为目标，深度参与“一带一路”建设和国际产能合作，加快布局境外“投建营”一体化新能源项目，持续优化境外业务布局，建设欧洲、南亚、东盟、非洲、中亚、拉美、港澳 7 大境外片区。

通用技术集团境外业务绩效	2021 年	2022 年	2023 年
境外投资总规模（亿元）	3.25	1.05	16.45
境外公开开展项目（个）	40	36	61
设立境外机构（个）	129	129	206

在 2023 年度 ENR 全球最大 250 家国际承包商榜单中名列第

125 位



孟加拉国自营电站项目年内发电

70 多亿度

占当地年发电量

10%



哈萨克斯坦 ALLUR 公司汽车销售量近

10 万台

当地市场占有率超过

50%



通用技术机床公司积极拓展海外市场，
2023 年新签海外订单

8 亿元人民币

通用技术中国医药在拉美等传统重点市场
实现集成项目滚动开发，新签合同超过

1 亿美元



构建立体互联互通网络



孟加拉国

达阿高速项目全面开工。

同孟加拉航运公司签署出口孟加拉 4 艘散货船项目。



达阿高速项目预计可推动孟加拉国内生产总值增长 0.21%

达阿高速项目是近年来孟加拉交通基础设施领域的重大项目之一，自规划伊始便备受中孟两国高度重视，被列入两国政府签署的重点合作项目谅解备忘录。项目包括 24 公里的四车道高架高速公路、14.3 公里由两车道升级至四车道的既有路改造，以及匝道、辅道桥等附属工程，设计速度 80km/h。

项目建成后，将与孟加拉首都达卡市中心中央商务区、工业区与贸易区完美对接，惠及 30 个区 4000 万余人，极大缓解达卡及北部地区的拥堵状况，促进孟加拉与周边国家以及中国的经贸往来和交流。



贝宁政府城镇公路改造项目 B1 期波多诺伏标段、阿博美 - 卡拉维标段，分别于 2023 年 1 月和 3 月签署施工合同。



贝宁

深化绿色发展领域合作



通用技术中技公司波黑伊沃维克 84MW 风电项目

波黑伊沃维克 84MW 风电项目由通用技术中技公司负责建设，总投资额 1.3 亿欧元，位于波黑联邦西波斯尼亚县。2023 年 10 月 30 日，项目完成升压站主要电气设备接线和静态调试工作，标志着该项目在历经 16 个月紧锣密鼓的工程建设后，顺利完成全场建安施工任务，实现物理完工并进入电网验收和并网调试工作阶段。

项目建成后将成为波黑最大的新能源发电项目，也是中国企业在波黑投资建设的最大能源项目，实质性提高波黑可再生能源占比，有效调整优化波黑能源结构，有力促进波黑能源结构转型升级，助力波黑落实碳减排计划，为全球节能减排和“碳达峰”“碳中和”目标提供中国方案。



合作让两国间的纽带更为紧密，在中国的投资帮助下，一些重大项目得以在波黑落地，我为两国能够共同实施这些项目感到自豪。

——波黑主席团（集体元首）轮值主席 茨维亚诺维奇



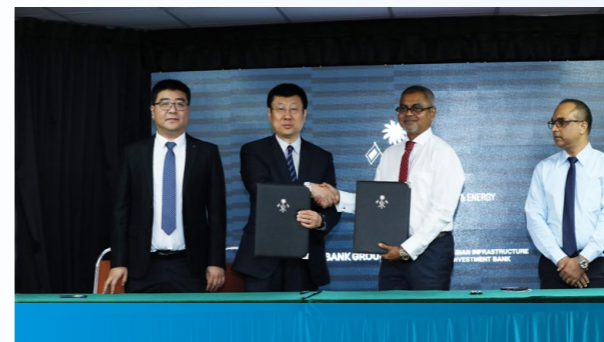
匈牙利

蒂萨菲赖德 54MW 光伏电站顺利完成交割。



塞尔维亚

150MW 黑峰风电投建营项目签约。



多岛屿电网升级 EPC 项目签约。



马尔代夫



乌兹别克斯坦

塔什干 1 号水电站等三座水电站改造项目签约。



意大利 Gambetalla 6.6MW 光伏电站、Pietracatella 1MW 光伏电站等重点项目签约。



意大利



越南北部地区最大的分布式光伏项目——立讯精密（云中）屋顶光伏发电项目建成发电。



越南

深化国际交流合作

集团积极搭建国际产业合作平台、企业交流平台、政策支持平台，持续扩展“一带一路”朋友圈。集团领导开展高层对接，多次在国家领导人主持的企业家对话会上表达观点，参与全国人大与泰国上议院工作会谈，在中国—中亚峰会、夏季达沃斯论坛、中非经贸论坛、进博会等多个双边、多边外事活动中发声，推动提升集团品牌国际影响力。

通用技术集团的“金砖时间”

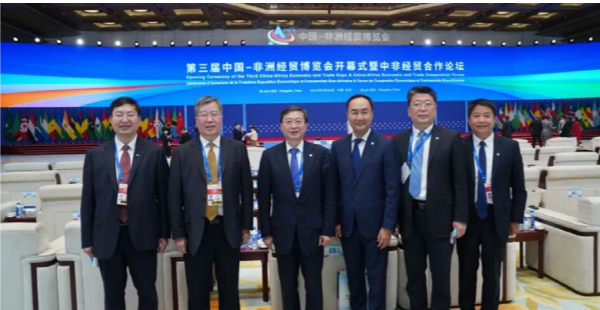
集团认真贯彻落实习近平总书记关于金砖国家合作以及新工业革命伙伴关系建设的重要指示精神，作为金砖国家工商理事会中方理事单位，积极参加金砖国家工商论坛及理事会年会等重要活动，提出中国企业主张和建议；作为金砖国家工商理事会贸易投资工作组中方牵头单位，会同工商界合作伙伴围绕消除贸易壁垒、促进金砖国家务实合作深入研讨、建言献策；作为参与发起方和理事长单位，积极推动厦门金砖国家新工业革命产业创新联盟实质性运行，成功举办联盟成员代表大会暨首届金砖创新基地企业家论坛，推动金砖国家间政策交流、人才培养和项目合作。



2023 年 11 月，通用技术集团参加 2023 金砖国家新工业革命伙伴关系论坛



2023 年 5 月，通用技术集团参加中国—中亚峰会



2023 年 6 月，通用技术集团亮相第三届中国—中非经贸博览会

加强境外合规经营

集团在境外项目建设过程中，严格遵守当地法律法规、尊重当地风俗习惯，着力健全境外业务风险管控体系，明确境外业务风险防范化解工作重点，建立境外项目风险防范协调机制；组织开展合规制度宣贯，设置合规管理员并嵌入审批流程，大力推动制度落地实施，不断提高集团境外合规管理水平。

履行全球企业公民责任

集团坚持“共商共建共享”的全球治理观，通过属地化经营、本地化采购、本地化雇佣、教育和医疗捐资等方式，充分融入运营所在地社区，担当全球公民责任，携手推进合作共赢、和合共生。

帕亚拉电站项目建成后，主要生产设备和物资全部在孟加拉国采购；在项目建设过程中累计提供约 **8400** 个就业机会、约 **6300** 人次的职业技能培训；积极支持当地教育和公益事业，建立孟中技术学院，捐资 **2500** 万塔卡建设一栋高中教学楼，并向当地 **9** 所学校捐赠电脑和教学设备；电站投产后，每发一度电，即向孟加拉国社会发展基金捐献 **0.03** 塔卡，每年可积累 **2.6** 亿塔卡用于当地基础建设。

在孟加拉国

交付平安城市项目，提升主要城市的安全保障水平、降低犯罪率、减少交通事故，改善营商环境、促进当地经济发展。

在科特迪瓦

公路项目高峰期雇佣当地员工近 **3000** 人。探索“跨境电商”合作，独家运营“京东哈萨克斯坦国家馆”。

在哈萨克斯坦

签约亚奥兰 **30** 万方海水淡化厂项目，显著改善当地民众的日常用水状况。

在阿尔及利亚

提高当地雇员比例，做实技能培训，提升雇员劳动技能水平。

在贝宁

案例：“医”心“医”意，助力“健康一带一路”发展

现场 + 远程诊疗，让世界感受央企“医”靠

通用技术宝石花医疗通过现场、远程诊疗结合模式，为土耳其、阿联酋等 51 个国家和地区提供医疗服务；在尼日尔、刚果多次派出专业团队支援当地医疗条件改善和医疗能力提升；在白俄罗斯、哈萨克斯坦，积极拓展与当地机构在医学教育、传统中医等领域的合作。

中医针灸来到非洲，靠实力“圈粉”

2023 年 3 月 10 日，通用技术环球医疗所属攀钢总医院中医康复科医生卢忆，作为第 18 批援圣都美和普林西比医疗队的成员之一正式出征，开展为期一年半的医疗援助工作。在圣普伦巴大区圣卡塔琳娜新希望幼儿园，卢忆为当地儿童开展健康体检，并发挥中医针灸优势治疗病症，将东方医学的神奇魅力带到离家 1.2 万公里的岛国，减轻患病儿童的痛苦。



02

推动高质量发展 建设世界一流企业

科技创新是企业发展的不竭动力，品牌文化是企业发展的支撑。通用技术集团坚持深耕科技创新，筑牢自立自强之基；深入实施品牌强企战略，全力打造世界一流企业；坚持质量与服务并重，以优质产品赢得客户满意和认可，铸就企业的良好声誉和品牌形象。

SDGs

8 体面工作和经济增长

9 产业、创新和基础设施

12 负责任消费和生产

16 和平、正义与强大机构

38
以质取胜打造
卓越产品

40
战略引领塑造
卓著品牌

44
自立自强推动
创新发展

50
精益求精提升
治理水平



以质取胜打造卓越产品

集团牢固树立“质量第一”意识，落实《质量强国建设纲要》工作部署，全面开展“质量强化年”行动，持续提升产品、服务和工程质量水平，为集团高质量发展提供强有力的支撑。

提升质量服务

以客户与市场需求为导向，不断提升产品和服务质量。



落实质量管理

制定《集团“质量强化年”工作方案》，组织 15 家二级公司签订质量目标责任书，逐级压紧压实质量管理主体责任；落实国务院国资委和市场监管总局要求，研究制定《集团关于进一步加强质量和标准化工作的实施意见》，推动集团各领域质量与标准化建设。

强化质量监督

加强质量日常工作监督检查，先后对集团 53 家单位开展 64 次现场质量工作调研和检查工作；强化质量管理体系认证监督，对 4 家单位进行质量管理体系认证抽查监督，并开展体系认证机构考核。

针对药品生产领域和建筑施工领域质量专项监督，制修订《质量事故责任追究办法》《质量风险分类分级管理办法》等制度。对 28 家医药企业全部配备“总质量官”，开展质量风险隐患排查整治等一系列活动；成立集团专项工作组，由集团分管领导任专项工作组组长，督导各施工单位开展共 250 余个在建项目自查整治专项行动，选取 15 个重点难点项目开展现场专项督查。

塑造质量文化

集团围绕“质量月”活动，发布《集团质量提升倡议书》《集团质量工作学习读本》，落实质量班组建设，积极组织质量管理培训等形式多样的质量活动。集团多个 QC 质量小组和质量管理小组取得丰硕成果，并首次斩获国际赛事金奖。严禁开展虚假或者可能引人误解的宣传，激发全员质量意识，营造良好质量文化氛围。各级单位积极参加“央企全面质量管理知识竞赛”，参赛人数 6.5 万余人。



通用技术宝石花医疗所属河北中石油中心医院“RICUQC 小组”课题荣获第 48 届国际质量管理小组会议（ICQCC）国际金奖



集团举办“质量强化年”专题培训班，围绕装备制造、药品器械、医疗健康、工程服务 4 个领域进行培训，共计 2000 余人参加

优化客户服务

集团不断完善大客户服务及管理机制，通过召开年度客户大会、创新协同沙龙，开展热点业务研讨培训、产品和服务推介路演等方式打造交流平台，围绕板块企业核心诉求，在重点区域召开机床产业链及客户供需对接会、大健康产业对接交流会，加深客户了解和业务交流，加强客户信息保护，积极应对客户投诉，健全售后服务体系。

机床领域全力打造“快人一步”高效服务，执行阶梯化服务标准。落实客户走访计划，深入市场一线，为客户提供全方位解决方案；开展暖心行动，通过客户回访深度挖掘客户需求信息，了解客户痛点，提供机床保养和精度调整等服务。2023 年，服务响应率、到达率、完成率均大幅提升。



通用技术沈阳机床举办山东区域、西南区域和西北区域开放日活动

医疗健康领域落实《集团医疗质量提升指导意见》要求，成立集团医管委大客户服务工作专班，加强大客户回访，提升客户满意度；完善健康管理服务品质，提升服务标准化、优质化水平，健全企业健康管理服务、康护上门、院内购、绿通服务等产品服务运营标准。

战略引领塑造卓著品牌

集团深入学习贯彻习近平总书记关于品牌工作的重要指示批示精神，积极落实国务院国资委有关工作部署和要求，启动“品牌引领强化年”工作，全力打造“匠心品牌工程”，深入实施品牌强企战略，品牌一体化、信息化实现新突破，集团品牌影响力显著提升。2023 年，集团全系统品牌建设支出 8550.81 万元，实现品牌建设“七个首次”。



2023 年 12 月，集团董事长、党组书记于旭波出席 2023 中国品牌论坛并作《践行“三个转变” 打造世界一流品牌》的主旨发言



参加 2023 年中国品牌博览会，讲好集团品牌故事

2023 年 5 月，第七个中国品牌日活动在上海开幕。活动期间举办了 2023 年中国品牌博览会，通用技术集团精彩亮相中央企业展区，以多层次、多角度、多渠道讲好品牌故事。其中，机床数字孪生系统让观众现场感受车间物理设备在数字世界的映射与孪生，植物染体验和超级冰膜降温试验带观众了解集团绿色制造实践最新案例。



品牌战略统筹能力稳步提升

深入开展品牌引领行动，制定《品牌引领行动实施方案》，围绕加强品牌引领、提升品牌管理水平、强化品牌关键影响要素、加快品牌国际化进程、优化特色品牌创建路径五个方面，全面提升品牌战略统筹能力。

集团所属 13 家产业子集团和直属二级公司成立品牌管理委员会或品牌领导机构，15 家二级单位制定本单位品牌引领行动实施方案。持续推动建立协同有序的母子品牌架构，贯彻“一个品牌、一个声音”传播原则，“通用技术”统一规范的品牌形象在全系统实现了线下场景、线上平台、对外宣介、媒体报道四个维度的一体化，“好技术 好生活”品牌口号凝聚起全体通用技术人的奋斗共识。

品牌管理效能稳步提升

加强品牌
信息化建设

设计搭建集团品牌建设信息化平台，围绕品牌大事记、品牌阐释、品牌地图、品牌形象大使、品牌宣传、品牌成果等 12 个栏目，宣传上级要求、发布集团制度、推广优秀成果，进一步提升集团品牌沟通力。

通过集合管理集团系统各类品牌资源，初步构建集团品牌资产管理库，实现对品牌资产的分类管理、精准呈现、高效检索和动态更新。

深化品牌
资产管理

持续推进
品牌保护

在“通用技术”商标成功注册的基础上，推动集团商标在境外地区的注册工作；加强字号和商标等品牌授权管理，扩大集团品牌影响力；加强侵权监测和知识产权保护力度，加强日常商标侵权监测，维护集团合法权益。

通用技术
GENERTEC
好技术·好生活

通用技术

Genertec

集团启动 4 个标识在中国香港 19 个类别 76 个商标的注册工作

品牌行业影响力稳步提升

打造丰富品牌谱系

结合主业定位，加速推进主业板块品牌建设，构建母子品牌各有侧重、互补发展的良好格局，初步形成了一批具有发展潜力的特色产品品牌和服务品牌。

通用技术机床企业聚焦“专精特新”，打造产品品牌，以全新品牌架构持续推进机床产品高端化、智能化、绿色化升级。

通用技术邮电器材加速构建“人车屋”生态核心竞争力，立足智能终端制造生产型服务商打造“Hi nova”等优质手机产品品牌。

通用技术中仪公司发挥广电融媒业务“小而尖”“小而专”优势，专注智慧融媒细分领域，提升自主品牌“INSTECH”的市场覆盖率。

通用技术医疗健康企业塑造“仁爱为本 央企品质”的“通用健康”形象，推动优质医疗资源下沉，实现“小通诊所”“通用健康行”等品牌项目的常态化、规模化运行。



开展多样品牌营销

集团结合主营产品和服务，深耕各领域垂直市场，开展各类品牌活动，深挖品牌合作机会。

通用技术中国医药举办大健康品牌日活动，在“通用技术中国医药”统一企业品牌下开展多个子品牌的联动营销。

通用技术康养公司为离退休老干部开展一系列为老关爱服务活动，塑造健康养老服务品牌。



通用技术宝石花医疗针对能源企业健康管理需求，推动“健康小屋”项目的常态化、品牌化、规模化运营。

通用技术健管公司开展“情系企业送健康、助力发展暖人心”系列品牌活动，组织医疗专家赴多家兄弟央企开展大型健康巡诊义诊。

品牌传播声量持续增强

创新开展品牌主题活动。以“中国品牌日”为契机，举办“2023 通用技术品牌周”系列活动，推出集团品牌形象大使，表彰集团典型品牌案例和优秀品牌故事，邀请专业机构和知名专家开展品牌建设培训。



2023 年 5 月，集团首次举办“2023 通用技术品牌周”线上线下系列活动

2023 年

海内外主流媒体对集团报道总量近

14 万次

不断提升品牌传播效能。做强集团自有媒体平台，包括中英文网站、微信、微博、抖音、快手、视频号、杂志、脸书、X 账号等 10 余个平台近 600 个账号，高效联动媒体资源，加强与中央主流媒体、地方重点媒体联动，联合策划、制作和传播融媒产品，构建上下协同、内外联通的传播格局。2023 年，海内外主流媒体对集团报道总量近 14 万次。

品牌海外认同度持续增强

因地制宜制定国际化、差异化品牌策略，以品牌为载体带动产品、技术和标准走出去。适应国际传播新形势新趋势，借力“外眼外嘴外媒”拓展国际传播渠道，塑造多元化、国际化、负责任的中国企业形象。

通用技术国际公司承办“中国—毛里求斯建交 51 周年庆典活动”，加深中毛友谊，推进毛里求斯及其他非洲国家的市场开拓及项目合作；承办金砖联盟成员代表大会暨金砖创新基地企业家论坛，推动金砖合作走深走实。

通用技术机床公司积极参加欧洲、东南亚、南美洲等国家和地区机床行业活动，拓宽海外“朋友圈”。

通用技术新材深入孟加拉国等国家推进国际化市场开拓，组织自主创新品牌及产品走向国门。

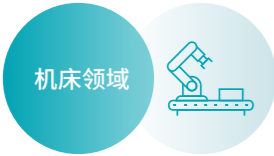
自立自强推动创新发展

集团认真贯彻落实习近平总书记关于推进科技自立自强和实施创新驱动发展战略的重要指示精神，加快发展新质生产力，在建设现代化产业体系、构建新发展格局中切实发挥好科技创新、产业控制、安全支撑作用，被国务院国资委评为 2023 年度中央企业科技创新优秀企业。

推进科技创新体系建设

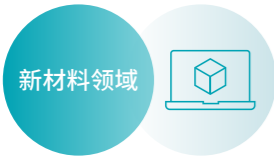
推动科技创新体系
100% 全覆盖
制修订
100 余项科技管理制度

集团部署机床、新材料、医药医疗器械、大健康、建筑、贸易、广电融媒、国际工程等重点产业领域科技创新体系建设工作，推动科技创新体系 100% 全覆盖，制修订 100 余项科技管理制度，强化科研人员创新主体地位，持续加大研发投入。



形成了总院负责基础共性技术和总体设计技术研究及战略产品开发、地方研究院负责产品开发及产品工程化、制造企业技术中心负责产品改进和工艺技术研究的体系化研发机制。

初步构建由机床工程研究总院、7 家地方研究院、8 家企业技术中心构成的三级研发体系，配备科研团队 1600 人。



建立科研产业一体化管控，依托三大国家级创新平台，围绕生物基纤维材料、合成纤维材料、纤维基复合材料等优势领域，构建新型研发体系。

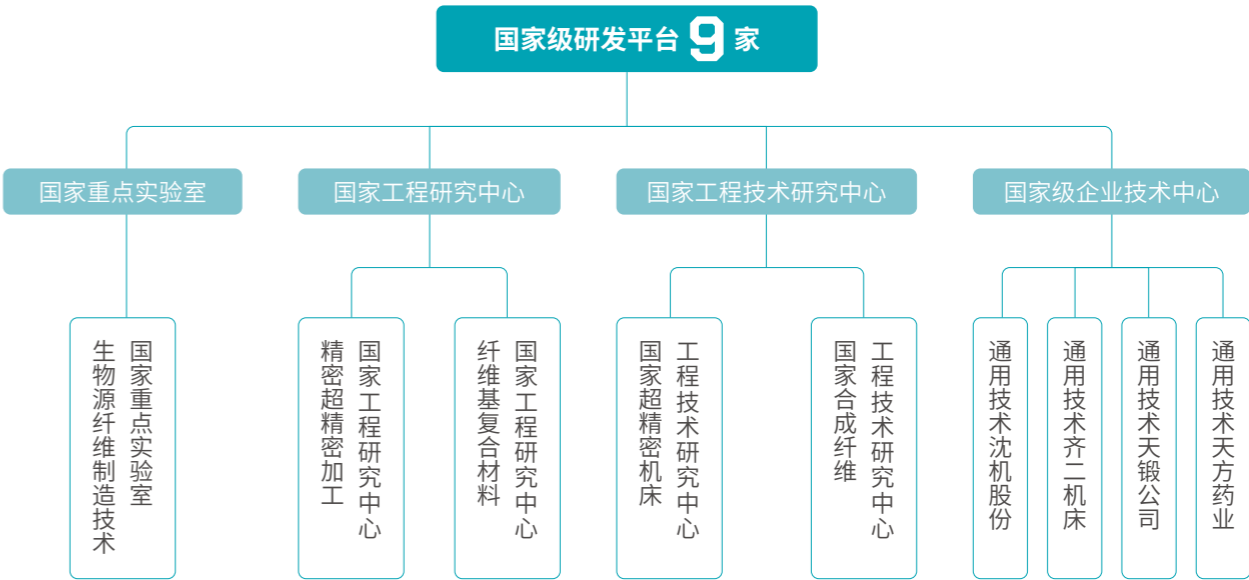


重点围绕原料药、化学药、生物药、天然药物、医疗器械、大健康等领域，构建“1+M+N”科技创新体系。

激发高水平科技创新活力

建设高水平科技创新平台

强化国家级科技创新平台建设，高标准高质量建设集团级科技创新平台，将集团级平台作为培育国家级平台的“孵化器”。拥有国家重点实验室、国家工程研究中心、国家工程技术研究中心、国家级企业技术中心等 9 个国家级研发平台。组建医药、媒体融合、绿色矿山、数字建造领域 4 个集团级技术创新中心，筹备集团级呼吸疾病临床医学研究中心。



强化关键核心技术攻关

积极融入国家科技攻关体系，完成一批重大科技攻关任务，推动集团科技重大专项 100% 全覆盖。2023 年，新获批国家级项目 13 项，在研国家级项目 28 项，在研重大项目全部达到里程碑式节点、完成预定目标。

高质量开展产学研协同创新，与西安交通大学建立联合研究院，与南京航空航天大学共建联合实验室；与 44 家中央企业、优质高校、科研院所和上下游企业开展联合攻关。

从“智变”到“质变”，探索医工结合成果转化新模式

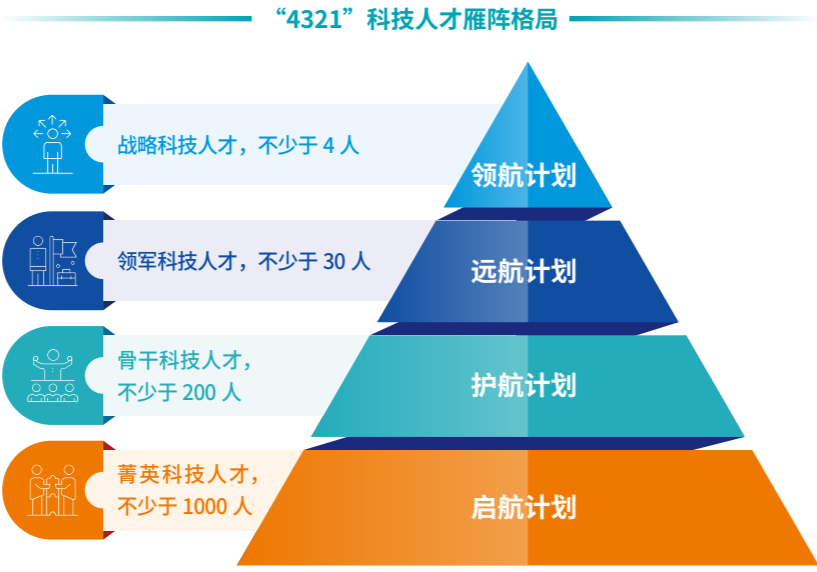
通用技术航天医科所属航天中心医院自正式引入骨科机器人以来，围绕“机器人+”深入开展临床应用及科研工作，补充完善机器人手术规划方案，开创新的手术路径，设计新的配套器件，并进入专利申请程序。医院创伤骨科团队使用骨科手术机器人在临床应用化解高龄骨盆骨折微创治疗的难点，成功治疗多例高龄患者，最大年龄 96 岁，治疗效果和愈后状况良好，真正实现“早期手术，早期下地，早期康复”的手术效果。



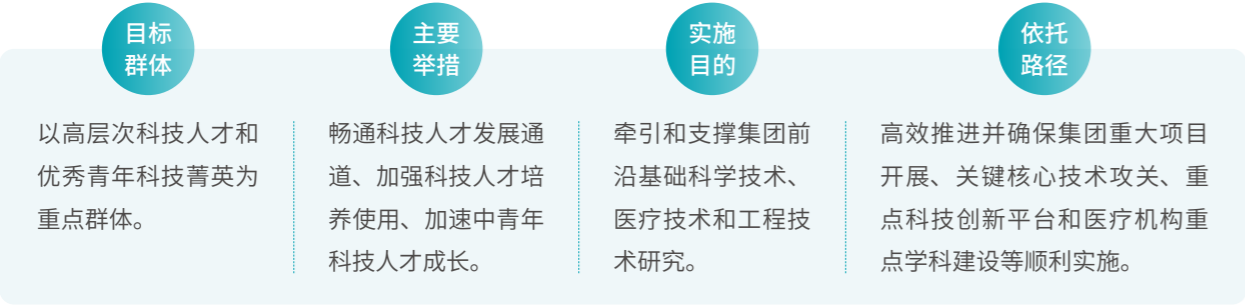
加强科技人才队伍建设

统筹开展高层次科技人才引进，制定集团 2023—2025 年高层次科技人才引进计划，明确高层次科技人才引进的方向、层次及数量。2023 年引进科技人才 113 人。

2022 年首次召开集团人才工作会议，提出到 2023 年基本形成“4321”科技人才雁阵格局总目标，并制定《通用技术集团科技人才管理“通航体系”工作方案》。2023 年，组织实施首届“通航体系”科技人才评选，11 名专家人才被授予首批“远航计划”领军专家称号。



科技人才管理“通航体系”



提升科技成果转化效能

集团 2 项成果荣获国家科技进步二等奖，12 项成果入选国务院国资委《中央企业科技创新成果推荐目录（2023 年版）》，入选数量位列中央企业第三位。在国务院国资委与工业和信息化部联合印发的《2023 年度重点产品、工艺“一条龙”应用示范方向和推进机构名单》中，集团牵头的“高精度数控螺旋锥齿轮加工检测成套技术”成功入选 36 个应用示范方向之一。

2023 年科技创新获奖情况（部分）
集团 2 项成果荣获国家科技进步二等奖。
机床板块 9 个项目获 2023 年机械工业科学技术奖，其中一等奖 1 项、二等奖 4 项。
新材料板块 6 个项目获 2023 年度中国纺织工业联合会科技进步二等奖。
通用技术天锻公司入选 2023 年国家知识产权示范企业名单。
集团 2023 年度科技奖励评选出 27 项科技成果奖、9 项青年科技英才奖。
机床、贸易板块企业分别荣获金砖国家工业创新大赛一等奖 1 项、优秀奖 2 项。



“高档数控机床精度及其稳定性提升关键技术与应用”和“复杂装备数字孪生运维管控共性关键技术及标准体系”荣获国家科技进步二等奖



《国家机床质量监督检验中心高性能数控系统功能测评方法及标准与应用》荣获机械工业科学技术奖科技进步一等奖

	2021 年	2022 年	2023 年
科技研发总投入（亿）	18.9	22.3	24.5
研发投入强度（%）	1.1	1.22	1.2
新增国家级科技奖项（项）	2	-	-
新增省部级科技奖项（项）	29	22	34
新申请专利（项）	583	872	964
新授权专利（项）	745	619	668
授权发明专利（项）	123	99	146
拥有各类软件著作权（项）	370	451	576
发表科技论文（篇）	1,751	1,628	1,928
制修订国家和行业标准（项）	75	69	77
制修订国际标准（项）	3	5	2
发表 SCI 论文（篇）	95	237	311

开创数字化转型全新格局

集团围绕“把数字化打造成为集团创新发展关键动能”的使命定位，积极探索数字创新突破，建成一批数字化车间和生产线，打造以“智慧通用”为代表的若干数字科技平台，走出一条以数字化转型赋能集团高质量发展的特色之路。

管控数字化达到央企一流

构建有机整体、集约共享的管控数字化体系，从无到有打造集团管控一体化数字化平台——智慧通用，逐步形成充分融入集团战略发展需要的数字化闭环管控体系，在国务院国资委组织的国资监管数字化智能化提升行动一期中获评“优秀”，成为央企数字化进步典型。积极向全社会推介集团数字化转型的最新经验，为推动实体经济和数字经济融合发展贡献力量。



通用技术数科公司荣获 2023 年度数字化践行者标杆企业奖



多个创新项目荣获 ICT 中国·创新项目（2023 年度）杰出 / 优秀“创新应用”



“通用人”“客商云”两项数字创新场景分别荣获国务院国资委主办的首届国企数字场景创新专业赛二等奖和三等奖

创新数字企业 打造智能产业
以数字化转型助推高质量发展

中国通用技术（集团）控股有限责任公司党委书记、董事长 李树斌

新时代以来，以习近平同志为核心的中共中央高度重视数字化发展，就加快建设网络强国、数字中国提出一系列新部署、作出系列新决策，推动数字中国建设取得历史性成就和进展。习近平总书记多次就数字化发展发表重要讲话，作出重要指示批示。在数字经济和数字技术等方面提出一系列新部署、新使命和新要求，为我们推进数字化转型指明了方向，提供了遵循。

近年来，中国通用技术（集团）控股有限责任公司（以下简称“通用技术集团”）坚决贯彻落实习近平总书记新时代中国特色社会主义思想，认真学习领会习近平总书记关于网络强国的重要思想，深入贯彻落实党中央、国务院决策部署，将数字化转型确立为“十四五”发展成就的重要成果，通过数字化转型全面提升集团管理效能，推动产业发展，努力构建



李树斌

李树斌表示，以习近平同志为核心的中共中央高度重视数字化发展，就加快建设网络强国、数字中国提出一系列新部署、作出系列新决策，推动数字中国建设取得历史性成就和进展。习近平总书记多次就数字化发展发表重要讲话，作出重要指示批示。在数字经济和数字技术等方面提出一系列新部署、新使命和新要求，为我们推进数字化转型指明了方向，提供了遵循。

近年来，中国通用技术（集团）控股有限责任公司（以下简称“通用技术集团”）坚决贯彻落实习近平总书记新时代中国特色社会主义思想，认真学习领会习近平总书记关于网络强国的重要思想，深入贯彻落实党中央、国务院决策部署，将数字化转型确立为“十四五”发展成就的重要成果，通过数字化转型全面提升集团管理效能，推动产业发展，努力构建

《中国网信》杂志刊发通用技术集团董事长、党组书记于旭波署名文章《创新数字企业，打造智能产业，以数字化转型助推高质量发展》



中国注册会计师协会信息化分会、通用技术集团联合主办“构建智能财务，建设数字央企——走进通用技术集团”交流活动

探索突破产业数字化

推动数字技术与生产经营深度融合，确定以集约化、一体化为特征的数字化转型第一阶段总体目标，推动传统产业数字化、智能化、绿色化转型升级。



机床领域

打造一体化运营“五统一”平台，开展机床板块一体化运营平台建设试点，实现一体化运营管理初步覆盖。

聚焦数字技术和机床产业深度融合，积极开展智能车间、智造单元、“智能+”机床数字化产品创新，探索满足各类场景的智能制造解决方案。



新材料领域

探索构建包含管控、业财、科研及营销一体化智慧化产业数字平台。



医药领域

制定《集团大健康产业数字化发展总体规划》，统筹推进大健康数字化平台建设，探索构建以人为本的全生命周期健康服务新生态。

建立统一集中的医药管控、工业制造、供应链、创新业务平台。

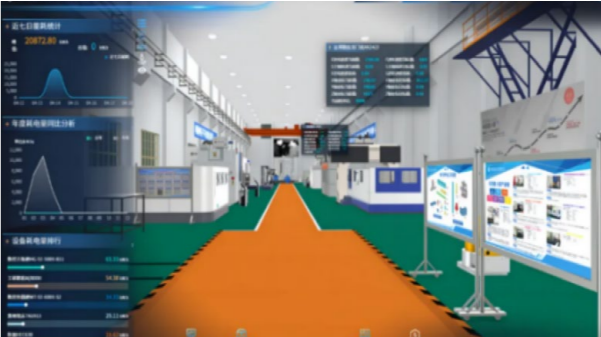
推进医疗运营管理数据和协同共享平台建设，建设集团级影像协同平台，帮助基层医院提高影像诊断水平、提升患者就诊体验。

通用技术集团亮相第七届世界智能大会

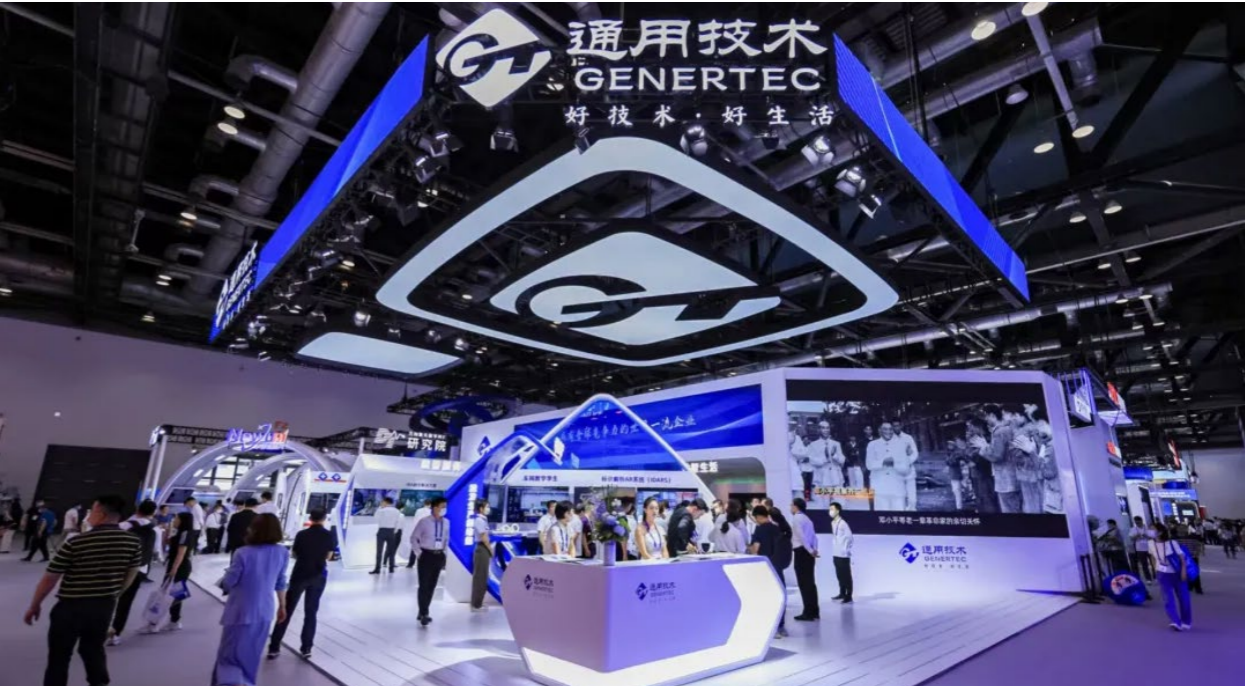
2023年5月，以“智行天下 能动未来”为主题的第七届世界智能大会在天津开幕。集团以“科技赋能发展 创新驱动未来”为参展主题，集中展出包括新能源汽车电机轴智能加工方案、先进数控加工设备、纳米时栅产品、基于数据驱动的机床AIOT生产协作平台等数字化、智能化创新成果，展现集团在高水平科技自立自强上的新作为。



打造 GT-iMOP 医疗数字科技平台，探索全生命周期医疗健康服务



全面布局智能化机床产业



2023年6月，通用技术邮电器材承办的第31届中国国际信息通信展（PT展）开幕，展会全面展示信息通信业在5G创新发展、关键核心技术研发、产业数字化转型等方面取得的丰硕成果

稳固保障信息安全

系统性推进“1+3”网络安全体系建设，发布《集团网络信息安全管理办法》《集团安全事件应急处置预案》，全面排查集团各级企业网络安全风险隐患并督促整改落实；积极开展网络安全执法检查，加强数字化治理体系建设。

“1+3”网络安全体系建设

1大工程

网络安全本质能力提升工程

3大专项

网络安全攻防演练专项

重大活动网络安全保障专项

网络安全执法检查（全行业）专项

精益求精提升治理水平

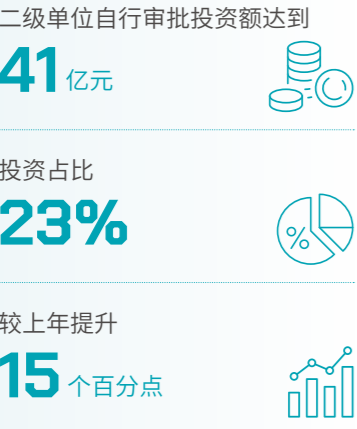
集团将稳健的公司治理视为发展的重要基石，不断完善治理体系，坚持依法合规经营，坚持诚信经营和公平竞争，恪守商业道德，促进可持续发展。



夯实公司治理

集团积极构建以公司章程为核心、以“三重一大”决策制度为链接、以各决策主体工作规则和授权制度为依托的法人治理制度体系，持续优化董事会构成，充分考虑性别、年龄、文化及教育背景、专业经验、技能等情况，按照《公司章程》规范公司董事及高级管理人员的选举、聘任，健全董事会及专门委员会制度，注重发挥独立董事作用。支持集团所属上市公司依法保护股东权益。

集团 65 家公司党委均已制定本单位重大事项决策权责清单（含党委前置研究清单）；50 家医院党委均已制定党委“三重一大”事项决策权责清单，党委领导下的院长负责制有序有效推进。二级单位自行审批投资额达到 41 亿元，投资占比 23%，较上年提升 15 个百分点，授放权成效开始显现。



规范董事会建设，通用技术国际公司实现董事会高效运作

国际公司坚持将高效运行作为董事会建设的主线，全面提升董事会运行质效。全年召开董事会会议 9 次，审议议案 45 项；董事会各专门委员会召开会议 14 次，就公司发展战略、重大投资项目、风险管理、任期制与契约化、高管聘免等领域的 19 个事项进行审议，充分发挥董事会“定战略、作决策、防风险”作用。

坚持高质量、高标准组织调研，为外部董监事履职提供充分的信息参考和决策支撑。积极组织集团派驻董监事赴能源公司、车辆公司等重点业务单元开展实地调研，并专题调研厦门金砖创新基地总部区项目、缅甸项目风险化解情况等集团高度关注事项。积极协助外部董监事完成集团年度课题研究工作，调研成果《国际公司车辆业务板块创新发展研究》获集团 2023 年度专职董监事课题研究报告二等奖。

坚持将外部董监事相关工作与公司年度重点工作充分结合，严格落实外部董监事履职保障要求。统筹安排、同步推进公司领导班子成员和外部董监事的调研计划，形成公司上下对改革发展重大问题同题共答、同向发力的良好局面。全面加强对集团派驻董监事的履职服务保障和决策信息支持，以数字化应用为集团派驻董监事履职赋能。

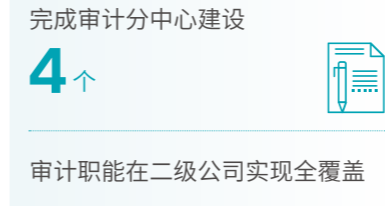
依法合规治企

集团加强法治建设系统谋划，推动“十四五”法治建设目标落地。逐项落实法治建设任务，在 10 余家下属企业开展法治建设专题调研，组织开展年度法律体检并督促整改落实。开展合规管理体系有效性评价，针对重点领域、重点流程，持续强化合规管理制度建设，加强境外合规管理。制定《诚信合规手册》《合规倡议书》《管理层合规承诺书》，着力培育合规文化，开展各类普法培训和普法活动，营造良好法治氛围。设立集团违规举报平台，接收处理违规举报信息 15 件。2023 年，集团未发生腐败相关诉讼事件。

健全风险内控

集团持续完善风险内控体系，推动二级单位制修订内控手册、明确风险管理专业领导机构工作规则、建立业务“负面清单”、制定风险分类框架；开展年度重大风险评估，针对 7 项集团重大风险，明确风险管控职责和措施，动态监测并及时应对；聚焦业务运营风险，加强对重点业务和关键环节的过程管控。

强化审计监督



集团始终紧扣“构建集中统一、全面覆盖、权威高效的审计监督体系”主线，全面发挥“集团党组统一领导”的体制机制优势，进一步改革审计运行体系，完成建设 4 个审计分中心，审计职能在二级公司实现全覆盖，内部审计工作在体系优化完善、决策部署落实、资源力量整合、项目实施管理上更加协同高效，为公司高质量发展发挥积极的保障作用。

03

践行绿色发展 共建低碳社会

绿色发展是生态文明建设的必然要求，良好的生态环境是最普惠的民生福祉。通用技术集团积极响应国家“双碳”战略，在环境管理体系建设、绿色产业化、产业绿色化、生物多样性保护等领域持续加力，坚定不移走生态优先、绿色环保的可持续发展道路，争做绿色奉献者和领跑者。

SDGs



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书写环境管理
绿色文章

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奏响绿色生产
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绘就低碳环保
生态画卷

书写环境管理绿色文章

集团深入学习贯彻习近平生态文明思想，夯实环境管理体系，提升节能环保工作质效。修订印发《碳达峰行动方案》《节约能源与生态环境保护监督管理办法》，各级单位累计制（修）订节能环保管理制度 400 余项，开展“关键岗位”人员履职能力考核，加大节能环保监管力度。坚持源头管控，加强对投资项目和并购重组企业的环保评价，强化新建、改（扩）建项目环境保护设施“三同时”管理，防范生态环境安全风险。2023 年，集团未发生较大及以上环境污染和生态破坏事件。

	2021 年	2022 年	2023 年
节能环保总投入（万元）	17,156	20,951	19,458
节能减排资金投入（万元）	6,376	9,377	6,535
节能技改项目资金投入（万元）	1,316	2,380	3,921
污染治理技改项目资金投入（万元）	9,464	9,194	9,002
外排废水达标率（%）	100	100	100
固废处置合规率（%）	100	100	100
一般及以上突发环境事件（次）	0	0	0
环保培训人数（人次）	14,373	15,380	20,253

奏响绿色生产动人旋律

集团把企业发展建立在能源资源高效集约利用和绿色低碳发展的基础之上，培育绿色低碳的生产方式和生活方式。

提升污染治理水平

集团不断加大环保基础设施投资建设力度，累计投入资金约 1.95 亿元，全面提升污染治理能力，建立健全环保预警及应急机制，坚决杜绝突发环境事件发生。通用技术沈阳机床、通用技术大连机床以水性漆替代溶剂型油漆的生产方式，大幅减少挥发性有机物排放。通用技术新材所属企业完成放射性同位素与射线辐射安全许可证申请、备案工作。通用技术中国医药所属三洋药业对污水处理系统进行优化改造，污水中主要污染物的控制能力达到国内先进水平。

探索绿色运营方式

集团加强生态文明宣传教育，践行绿色办公，倡导节水、节能、节电、节纸，推广绿色低碳出行，积极开展宣传培训和植树活动，营造集团绿色低碳运营的浓厚氛围。集团系统 500 余名节能环保管理人员参加低碳环保培训、节能环保强化年专题培训班，有效促进专业水平提升。

绘就低碳环保生态画卷

集团坚定不移落实“双碳”战略，坚持产业绿色化和绿色产业化同步推进，加快形成绿色低碳发展新格局。

产业绿色化改造

集团不断推进产业绿色化改造，积极践行“碳达峰碳中和”理念，大力推动产业转型升级，加快转变传统生产方式，淘汰落后低效产能；完善节能环保管理体系，压实节能环保主体责任，提升节能环保工作水平；加强“三废”管理，推进资源全面节约和循环利用，大力推行清洁生产、使用清洁能源；加快构建绿色制造体系建设，实施绿色包装和绿色运输，减少碳排放，创建绿色工厂，推动集团装备制造、医药生产等业务领域数字化、智能化、绿色化发展；推动集团医疗健康业务领域绿色“用能”技术标准发布实施，打造绿色服务新标杆；推动工程建设领域绿色发展，践行全过程绿色建造。

2023 年产业绿色化改造重要成果（部分）

- 

机床、新材料领域企业全年累计淘汰低效、高耗能落后设备设施 **148** 台。
- 

机床、新材料、医药等生产制造领域 **9** 家单位通过清洁生产审核。
- 

机床、医药生产领域企业空气源热泵建设等 **4** 项重点节能改造项目顺利完成。
- 

机床、新材料、医药医疗领域企业新增光伏装机容量约 **65** MW，实现年均降碳约 **4** 万吨。
- 

通用技术新材所属企业持续优化生产工艺，重复用水量 **896** 万吨，重复用水率 **93.1%**，有效降低水资源消耗。
- 

通用技术国际公司所属车辆公司创新开展“废旧物循环利用”活动，助力企业绿色低碳循环发展。
- 

通用技术天方药业建成危险废物资源化利用项目，实现循环利用蒸汽 **4** 万吨，年减排二氧化碳约 **0.45** 万吨。



铺就绿色底色，推动化纤行业绿色低碳制造

纺织行业是仅次于石化行业的第二大污染行业，其中印染环节的碳排放占纺织产业链总碳排放的 36%。近年来，原液着色聚酯纤维用于纺织品加工，省去了印染工序，具有突出的减排减碳效应。通用技术中纺院联合中石化、地方企业共同承担国家重点研发计划“高品质原液着色聚酯原位法连续聚合技术应用”项目，2023 年实现全球首台套年产 10 万吨高品质原位聚合原液着色纤维生产线一次性投产成功，历经 7 年技术攻关的成果成功实现产业化。



通用技术中纺院新增 55000m³/h 废气处理设施项目，处理车间内烘干、涂布产生的有机废气

	2023 年	同比减少
氮氧化物排放量（吨）	40.46	43.77%
二氧化硫排放量（吨）	15.54	35.7%
废水排放总量（万吨）	972.45	0.57%
一般固体废物产生量（万吨）	2.91	44.45%
危险废物产生量（万吨）	98.34	56.75%
危险废物处置率（%）	100	—
直接温室气体排放总量（万吨二氧化碳当量）	6.45	14.66%

绿色标准化建设

集团在国内率先发布《医院绿色低碳用能技术标准》，积极引导医院优化绩效考核能耗指标；通用技术邮电器材参与编写《绿色展览运营指南》（GB/T 42496-2023）、《绿色展台评价指南》（GB/T 41129-2021）、《模块化展览展示系统基本要求》（GB/T 43213-2023）等国家标准，对规范展览绿色标准化运营，推进会展业绿色可持续发展具有重要指导作用。

提升绿色制造能力

集团按照“厂房集约化、原料无害化、生产洁净化、废物资源化、能源低碳化”的标准打造绿色工厂标杆示范企业，引领绿色发展。



通用技术沈阳机床荣获国家级“绿色工厂”



通用技术新材所属凯泰特纤荣获浙江省“无废工厂”证书

2023 年绿色制造获得荣誉

- 通用技术机床公司成功获评 2023 年中国工业碳达峰“领跑者”企业。
- 通用技术沈阳机床、通用技术中国医药所属三洋药业获评国家级“绿色工厂”。通用技术沈机股份、通用技术大连机床获评辽宁省级“绿色工厂”。
- 通用技术沈机股份 3 款产品获评辽宁省“绿色设计产品”。
- 通用技术新材所属凯泰特纤荣获浙江省级“无废企业”称号、通用技术中国医药所属天方药业荣获海口市“无废医药企业”称号。
- 通用技术新材所属中纺绿纤莱赛尔纤维产品获得碳中和认证。
- 通用技术中国医药所属天方药业获评河南省“绿色发展先进企业”称号；对螺旋霉素、盐酸林可霉素、盐酸二甲双胍缓释片 3 种产品碳足迹开展评价，加强对产品层面的全生命周期碳足迹管理。

保护生物多样性

集团坚持走生态优先、绿色发展之路，各产业发展注重降低污染物对生态环境的影响，让天更蓝、水更清，守护美好地球家园。



通用技术中技公司助力“东亚蓝宝石”绽放自然之美

2023 年 1 月，河北衡水湖湿地保护与恢复项目圆满结束。该项目是德国复兴信贷银行负责的中德财政合作“生物多样性及自然资源保护”的五个项目之一。自项目启动的 7 年间，通用技术中技公司顺利执行 57 个子项目，也见证了这里生态环境质量持续改善的巨大变化。



通用技术国际公司孟加拉希拉甘杰项目对当地动植物零破坏

04

搭建发展舞台 助力员工成长

员工永远是企业宝贵的财富，是企业事业发展的基石。通用技术集团坚持“以人为本”，尊重和关爱每一位员工，持续营造相互尊重、相互信任和温暖舒适的工作环境，全方位关注员工的职业成长、身心健康、家庭幸福，将企业的发展成果惠及全体员工，实现企业和员工的同频共振、共同成长。

SDGs

3 良好
健康与福祉

4 优质教育

5 性别平等

8 体面工作和
经济增长

10 减少不平等

60

充分保障员工
合法权益

62

构建多元人才
培养高地

64

沐浴人文关怀
和煦阳光

充分保障员工合法权益



依法合规雇佣

集团严格遵守《中华人民共和国劳动法》《中华人民共和国劳动合同法》等相关法律法规，秉持公正平等的雇佣原则，反对一切针对性别、年龄、国籍、民族、宗教信仰、肤色、语言、户籍所在地等因素的歧视，建立公平择优的招聘环境，尊重和保护员工隐私，坚决抵制非法使用童工、强制劳动、职场骚扰和霸凌等行为。2023 年，集团未发生雇佣童工、强制劳工以及歧视等违法违规事件；荣获“2023 人力资源管理杰出雇主”“2023 年中国典范雇主”“2023 年度卓越雇主品牌”“2023 年中国人才管理文化典范奖”。

完善薪酬福利

集团建立健全市场化薪酬分配机制和福利体系，制定《关于进一步支持集团科技创新的激励措施》，修订《二级企业负责人薪酬管理制度》，加大对关键核心技术攻关团队的薪酬支持，完善重点人群考核激励体系，新增改革创新奖、协同奖、“通用工匠”奖等表彰奖项，优化新时代鼓励干事创业的物质激励和荣誉表彰体系建设。充分保障各项法定福利，按时足额缴纳各项社会保险金，落实国家关于员工工作时间、全国年节及纪念日假期、带薪年假等规定。

开展民主管理

集团制定《工会工作办法》《职工代表大会实施办法》，健全完善以职代会为基本形式的民主管理制度。开展领导接待日、民主座谈会，开设职工之声、厂务公开等专栏，组织召开女职工、青年员工座谈会，倾听员工意见和呼声，切实保障员工的知情权和参与权。



集团召开 2024 年工作会议暨第三届职工代表大会第二次会议



通用技术大连机床持续落实以“午餐见面会”为主要形式的“领导接待日”活动，全年开展接待日活动 12 次

构建多元人才培养高地

拓宽发展通道

集团坚持“人尽其用、人尽其才”，持续深化职业发展通道，精准引导人才成长成才。

干部队伍建设

加强干部实践锻炼，深化干部平级交流和双向挂职工作，做好有关干部挂职、借调等专项工作。

持续优化机构职责设置，规范职位职级管理，优化员工队伍结构，提高总部人才队伍活力，建设赋能型总部。

年轻人才队伍建设

更新形成“通用 300”优秀年轻干部库，规范年轻干部日常发现、跟踪培养、适时使用、从严管理工作机制。

加大年轻干部跟踪培养力度，选调优秀干部参加第二期“青蓝计划”中青班，重点遴选 13 人双向挂职历练。

高质量人才队伍建设

全方位搭建科技人才政策体系，健全“1+2+N”科技人才政策体系，构建科技人才管理“通航体系”。

推进国家工程硕博士培养。与试点高校协同协作，积极培育青年科技人才和卓越工程师。

深入实施“通才计划”科培生项目，着力培育骨干科技人才后备队伍。

搭建培训体系

集团搭建“1+N”核心课程体系，构建围绕 6 大能力素质、18 个专题模块、120 余门主题课程的培训课程库；打造“通用技术蓝”人才梯队培养体系，开展针对高管、年轻干部、新员工等的培训课程。2023 年，共开展 10 个集团重点培训项目，组织 13 个培训班次，选调 30 余人参加上级单位各类调训项目，选派 80 余人参加外部选学培训项目，累计 12000 余人次参加各类培训项目。

2023 年

共开展集团重点培训项目

10 个

组织培训班次

13 个

选调参加上级单位各类调训项目人数

30 余人

选派参加外部选学培训项目人数

80 余人

参加各类培训项目累计

12000 余人次



深蓝计划

行业领军人物、一把手
高管培训

蔚蓝计划

行业领军人物、一把手
后备加速培养计划

青蓝计划

优秀年轻干部加速培养计划

摇篮计划

校招新员工入职培训

“通用技术蓝”人才梯队培养体系



集团 2023 年“青蓝计划”中青年干部培训班（第 2 期）



通用技术新材开启“领英计划”



通用技术资本公司组织金融相关政策培训



通用技术新兴公司开展新员工培养——“新星计划”

沐浴人文关怀和煦阳光

职业健康管理

集团推进员工职业健康管理，积极识别职业危害因素，开展《职业病防治法》宣传周等活动，开展职业健康培训；提供 EAP 心理服务，缓解员工工作和生活压力；组织职业卫生管理员参加中央企业职业健康研讨线上培训班，提升集团职业健康管理水平的业务能力和管理水平。2023 年，集团无新增职业病例。

截至 2023 年末

通过职业健康安全管理体系认证的单位共有

61 家



通用技术机床研究院组织职工体检

关心关爱员工

集团关心关爱困难员工、女性职工和离退休职工，为员工解难题、办实事、谋福祉，提升员工“幸福指数”。



集团领导赴通用技术航天医科所属航天中心医院慰问一线医护人员



集团领导赴通用技术大连机床慰问困难职工



通用技术昆明机床开展“夏送清凉”活动



通用技术国际公司举办“砺沙成珠·熠熠芳华”妇女节主题活动

平衡工作生活

集团倡导健康文明的生活方式，开展乒乓球、健步行等富有特色、深受员工欢迎的体育活动，举办联欢会、元宵节喜乐会等文艺活动，鼓励员工劳逸结合、放松心情，营造温馨欢乐的工作氛围。



通用技术集团工会开展“国企开放日”职工子女升学季亲子活动



通用技术机床研究院组织家属开放日活动



通用技术国中康健所属山东电力医院举办文艺汇演活动



通用技术资本公司组织“青春资本·踏风而行”主题团建活动

05

关怀社会民生 共享美好生活

人民对美好生活的向往，就是我们的奋斗目标。通用技术集团坚持“以科技进步和品质服务引领美好生活”的企业使命，充分履行企业社会责任，为行业伙伴的发展提供充分、及时的支持，以高度的责任感全面推进乡村振兴，持续赋能地方发展，积极投身社会公益，传递温暖与关爱，营造向上向善的良好氛围。

SDGs



教育为本

68

积蓄行业发展
澎湃动能

70

提升乡村振兴
幸福指数

74

展现无私奉献
公益风采

积蓄行业发展澎湃动能

集团完善供应商管理制度，打造高质量责任供应链；助力中小企业纾困解难、服务实体经济、维护区域和行业金融稳定；不断加强

打造责任链条

集团坚持诚信经营、公平竞争，发布《采购管理办法》，对供应商进行能力评估，明确供货商在质量、环境、职业健康认证及安全生产、3C 等方面资格条件；建立供应商准入资质审核及动态评价考核机制，对供应商的履约情况进行动态监控，对问题供应商进行约谈、整改，提升供应商服务能力；建立供应商淘汰机制，将审核不合格供应商列入“黑名单”，确保供应链安全稳定；优先采购绿色环保产品，打造绿色供应链，建立能力强、质量优、绿色低碳的供应商队伍。



通用技术哈量公司开展分销商产品知识培训

服务实体经济

充分发挥通用技术财务公司资金中心作用，集团整体资金集中度达到 83% 以上，累计发放内部贷款 380 亿元，全年累计节约财务费用 13 亿元，落地首笔跨境人民币拆借业务、首笔存单质押式逆回购业务、首笔票据卖出断转贴现业务、首笔医院贷款业务、首笔绿色贷款业务，为服务实体经济、服务主业发展作出积极贡献。

推出个性金融产品“通用技术—健康票”

集团创新推出“通用技术—健康票”，帮助医疗机构提升信用管理，强化资金使用效率。2023 年，“健康票”实现辖内各医疗平台全覆盖，全年累计办理 3.83 亿元，并作为普惠金融的典型代表，成功入选“中国普惠金融典型案例（2023）”。

携手行业共进

集团各业务板块加强信息交流、深化对接合作，扩大合作共赢“朋友圈”。在机床装备领域，打造创新合作平台、产业服务平台和对接交流平台，促进机床产业资源共享和优化配置；在高新材料领域，与中国纺织联及各地行业协会深入交流，推动多项合作有序开展；在医疗健康领域，与已签战略协议的政府机构、科研院所持续深入合作，携手推进医疗健康科技创新发展。

成功举办首届眼科论坛

2023 年 8 月，通用技术集团首届眼科论坛在上海浦东举行，聚焦眼科学术前沿、专科特色打造、区域协同发展等内容，加强眼科专科交流，为集团深耕眼科领域和大健康事业、探索中国眼科医疗行业发展的创新之路贡献央企方案。



举办“通用技术”工业母机产业发展高端论坛暨中央企业产业链沙龙



与北京大学人民医院举行全面业务合作签约仪式

提升乡村振兴幸福指数

集团认真贯彻落实党中央、国务院关于全面推进乡村振兴的决策部署，结合定点帮扶武川、商都两县资源禀赋，秉持“12345”乡村振兴工作思路，实现企业与乡村的双向奔赴、互利共赢。2023 年，集团在中央单位定点帮扶考核中连续第 4 次获“好”的评价。



加强组织领导

印发《集团 2023 年定点帮扶工作方案》，召开 4 次专题会议督导推动帮扶工作。主要领导带头开展调研，赴两县调研共计 5 人次。新一轮选派 3 名优秀干部赴两县挂职，向两县投入帮扶资金 3035 万元，引进帮扶资金 2050 万元。



集团领导赴武川县调研定点帮扶工作

聚焦五个振兴

产业振兴

持续打通武川县中药材产业链

在药材种植领域，自主种植黄芪等中药材示范田千余亩，通过订单种植、合作种植等方式，带动农户或合作社种植。以黄芪扩种种植补贴支持得胜沟乡林下经济发展。

在药材加工领域，建设内蒙古通用中药公司厂房、升级生产线，新厂区达产后每年可加工黄芪、甘草等药材 1000 吨。

延伸商都县农产品产业链

投入 300 万元建设商都县烘干蔬菜加工厂，便于周边下岗职工和富余农民就业与再就业，受益农户 300 余人。

投入 300 万元建设商都县畜产品精深加工设施，提高产品附加值。

人才振兴

大力实施高素质乡村振兴人才培育工程，在两县举办“新农人”培训班，为两县培训基层干部、乡村振兴带头人、专业技术人员共计 1056 人次。投入 40 万元开展第三期大学生志愿服务西部计划，选派 30 名志愿者在商都县支教，缓解乡村教师结构短缺问题。

文化振兴

在武川县深入实施“文化兴村”行动，投入 40 万元对武川县 13 个乡镇公共文化服务中心和重点村的文化室进行提档升级，丰富村民精神文化生活。投入 10 万元支持武川县中药材博物馆建设，让中医药文化“活”起来。在商都县泉脑子村以路灯道旗为宣传阵地，开展“友爱之星”“卫生之星”评选，推进农村移风易俗、革除陈规陋习。

生态振兴

在武川县继续实施“绿化青山 守护北疆”生态建设行动，投入 200 万元种植高标准生态公益林 200 亩。在商都县深入实施人居环境改善项目，投入 40 万元安装太阳能路灯 120 盏、种植云杉树 400 株。

组织振兴

重点实施“百个党支部帮扶百名留守学生”主题活动，集团系统 100 个党支部与两县 100 名义务教育阶段留守学生结对帮扶。继续发挥好“大青山通用技术党性教育基地”作用，开展培训 3 期，培训 150 余人。



通用技术数科公司党支部前往内蒙古商都县通用小学，了解帮扶儿童家庭情况

持续特色帮扶

巩固“两不愁三保障”成果



在基础教育方面

投入 700 万元支持商都县建设一所九年一贯制学校，解决易地搬迁义务教育阶段学生就近入学问题。投入 200 万元设立武川县人民教育基金会，投入 60 万元改善武川县通用技术职业中学办学条件。开展武川县青少年关爱活动，对全县 3211 名学生进行心理测试及筛查，开展集中心理辅导 11 场。



在社会保障兜底方面

投入 100 万元为武川县农村常住人口重点监测户购买大病保险、家财保险以及防返贫保险。投入 130 万元开展脱贫攻坚和疫情防控“两类档案”归集及相关配套设施建设。



在医疗保障方面

投入 50 万元为武川县部分基层医疗机构购置了 8 套煎药机配套打包机、10 台制氧机。



商都县小学生在集团援建的通用小学智慧教室上课

推进帮销模式创新

将消费帮扶纳入集团年度重点工作，积极参加“消费帮扶新春行动”“央企消费帮扶兴农周”等活动，组织开展“通用帮扶礼包”“农产品进食堂”等系列活动，累计购买农产品 1406 万元。积极协调航空工业集团在其天虹超市上架武川县奶制品，销售额达 2000 万元。



通用技术新兴公司所属金穗公司助力商都县、武川县销售优质农产品

推动医疗资源帮扶

组织开展“通用健康行”活动，依托“小通移动诊疗车”深入两县乡镇为村民免费义诊体检，送医送药送健康，打通健康服务“最后一百米”，共计开展义诊活动 4 次，派出专家 38 人次，服务村民 450 余名。

2023 年，通用技术国中康健所属北京电力医院与商都县人民医院签订医联体协议；通用技术航天医科所属包钢医院与商都县人民医院、县中医院签署结对帮扶协议。



通用技术航天医科所属七三一医院在武川县总医院挂牌“通用技术集团定点帮扶医院”



通用技术宝石花医疗开展“送医下乡”活动

共计开展义诊活动

4 次

派出专家

38 人次

服务村民

450 余名

开辟稳岗就业“新路子”

通用技术康养公司与乌兰察布医学高等专科学校、商都县职业技术学校签署校企合作三方协议，采取“2+1”联合培养或“订单班”等形式培养人才，每年额外增加 100 个升学名额。乌兰察布医专在康养公司所属机构设立“乌兰察布医专实践教学基地”，安排学生进行实习实训。集团择优录用优秀毕业生或实习生，促进当地就业。

展现无私奉献公益风采

集团始终心系民生福祉，在公益、应急救援等多领域快速响应，致力于解决人民群众“急难愁盼”问题。

心系社会公益

集团坚持把承担社会责任融入企业发展，向公众传递向善信念。通过发起“新燕公益基金”、打造“通小团”青年志愿服务品牌等，用真情回馈社会。



通用技术机床研究院助力社区农户采摘山楂



通用技术新材青年志愿服务队参与志愿服务活动 20 余场，参与人次超 1000 余次，累计服务时长超 600 余小时



通用技术国际公司“风雨通行”志愿服务队人员开展冰雪清理



通用技术航天医科所属湖南航天医院组织员工无偿献血



通用技术资本公司开展“老吾老以及人之老 雷锋精神永放光芒”志愿者活动



通用技术国中康健所属国康青岛公司建设助老餐厅

国康青岛公司秉承“尊老、敬老、爱老、助老”的理念，用心打造“海情助老餐厅”，自 2023 年 6 月正式营业以来，签约海情助老餐厅的 70 岁以上老人均可享受青岛市政府为老助餐政策每餐 4 元的补贴，签约老人们纷纷表示：“海情助老餐厅好吃又不贵，暖心又暖胃，像是另外一个家。”



驰援抢险救灾

集团始终践行央企使命，积极响应防汛抢险、抗震救灾等救援工作，先后派出 56 支队伍、541 人次参与抗洪抗震救灾工作，全力保障人民群众生命财产安全。



2023 年 8 月，河北涿州市遭遇极端降雨，通用技术健管公司第一时间向灾区企业提供药品等救灾物资，同时开通 24 小时热线电话，全天候为灾区群众提供医疗健康咨询服务



2023 年 12 月，甘肃临夏州积石山县发生地震后，通用技术中国医药紧急调集急救药品，保障灾区防疫和当地人民安全用药需求

06

坚持稳健经营 永葆基业长青

千里之行，始于足下。推动企业高质量发展，需要从点滴做起，携手同行，不断追求卓越。通用技术集团坚定不移全面深化改革，将中国特色现代企业的制度优势转化为实实在在的治理效能，牢牢守住安全生产红线底线，持续加强社会责任和 ESG 管理能力，以高质量、高效益护航企业可持续发展。

SDGs



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蹄疾步稳推动
深化改革

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拧紧安全生产
责任阀门

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塑造责任管理
ESG 特色

蹄疾步稳推动深化改革

通用技术集团持续巩固深化改革三年行动成果，全面深化改革获得三连“A”；扎实推进新一轮改革深化提升行动，编制《集团改革深化提升行动实施方案（2023—2025）年》及工作台账，全面完成 2023 年度 42 项重点改革举措和 105 项细化标准任务，加快推动中国特色国有企业现代公司治理和市场化经营机制制度化、长效化。

集团 2023 年改革深化提升行动重点部署

- 围绕强化科技创新力，不断提升企业核心竞争力，加快实现高水平科技自立自强。
- 围绕增强产业控制力，恪守主业增强企业核心功能，加快建设现代化产业体系。
- 围绕提高安全支撑力，强化重点领域布局，有效维护国家战略安全。
- 围绕治理结构，进一步明晰治理主体权责边界，切实提升公司治理效能。
- 围绕活力效率，进一步发挥市场化机制作用，充分调动各方积极性。
- 围绕内控机制，进一步加大“压减”和亏损治理等工作力度，加快提升精益化管理水平。



集团召开改革深化提升行动部署动员会暨全面深化改革领导小组 2023 年度第二次会议

完成 2023 年度和下一任期契约化管理企业户数和人数

100%

全年完成

6 家

二级单位

9 个

经理层岗位公开竞聘



国务院国有资产监督管理委员会

关于创建世界一流专业领军示范企业 实施方案评估情况的通报

相关中央企业有关部门、有关地方国资委：
贯彻落实国有企业创建世界一流专业领军示范企业推进会精神，我们组织相关力量对企业报送的实施方案进行了评估，现将有关情况通报如下：

01	中国船舶重工集团有限公司	A+
02	中国船舶重工集团有限公司	A+
03	中国船舶重工集团有限公司	A+
04	中国船舶重工集团有限公司	A+
05	中国船舶重工集团有限公司	A+
06	中国船舶重工集团有限公司	A+
07	中国船舶重工集团有限公司	A+
08	中国船舶重工集团有限公司	A+
09	中国船舶重工集团有限公司	A+
10	中国船舶重工集团有限公司	A+

通用技术天锻公司入选国务院国资委创建世界一流“专业领军示范企业”“科改示范企业”

提升资本赋能作用

利用资本市场服务主业发展，推进昆明机床重整、医疗器械一体化经营等重大资本运作项目；通用技术资本公司围绕集团产业布局，投资高端机床、生物制药、新型医疗等领域优质标的，生命健康基金、金砖科创基金设立取得积极进展，资本运作能力显著提升。

创新市场化经营机制

落实三项制度改革，持续提升集团经理层成员任期制和契约化管理工作质量，完成 2023 年度和下一任期契约化管理企业户数和人数 100% 全覆盖。强化刚性考核兑现，持续推行管理人员竞争上岗；全年完成 6 家二级单位 9 个经理层岗位公开竞聘，增强各级经营管理人员“谋经营、抓落实、强管理”的动力活力。

推进企业专项改革

制定实施对标世界一流企业价值创造行动实施方案，支持所属企业大力创建“双百企业”“科改企业”，积极申报“专精特新示范企业”，不断提升价值创造、创新驱动和精益管理能力，打造更多基层改革样板和尖兵。集团对标世界一流企业价值创造行动考核等级为 A。



拧紧安全生产责任阀门

2023 年

未发生较大及以上生产安全事故

集团坚持预防为主、标本兼治，严格落实国务院安委会和国务院国资委工作部署要求，锚定“重大事故隐患专项排查整治 2023 行动”“安全管理强化年行动”任务目标，全面压实安全责任、健全管理体系、开展专项治理、提高能力水平，持续推进安全管理工作落地见效。

落实安全责任

集团推动各级领导干部压实安全责任，各级单位逐级签订安全生产责任书，量化安全生产约束性指标，织密“横向到边、纵向到底”安全生产责任网。对安全监管主要负责人、分管安全负责人和部门负责人进行安全生产履职能力考核，并将考核机制延伸到下级各单位，逐级扣紧“关键岗位”安全生产责任链。

健全安全生产管理体系

集团深入开展重大事故隐患专项排查整治 2023 行动和安全管理强化年行动，集团党组成员以上率下，深入基层企业开展安全督查、指导应急演练。推动建设一支以注册安全工程师为主体的安监队伍，全系统新增 71 名注册安全工程师，累计达到 156 名；持续完善制度体系，印发《关于规范集团医疗健康板块安全生产台账管理工作的指导意见》等制度文件，各级单位累计修订安全生产制度 300 余个；加强监督保证体系，各级单位累计派出 1 万余人次安全监管人员开展安全检查，消除各类安全隐患 2 万余项；成立驻成都区域、西安区域生产经营单位安全生产联盟，联合开展区域安全培训、互查互检等活动，推动区域应急联动机制日益成熟；加强安全信息化建设，落实危险化学品专项管理。



通用技术新材组织全员开展安全培训



通用技术机床研究院开展初期火灾处置技能实操演练



通用技术齐二机床建立安全警示教育室

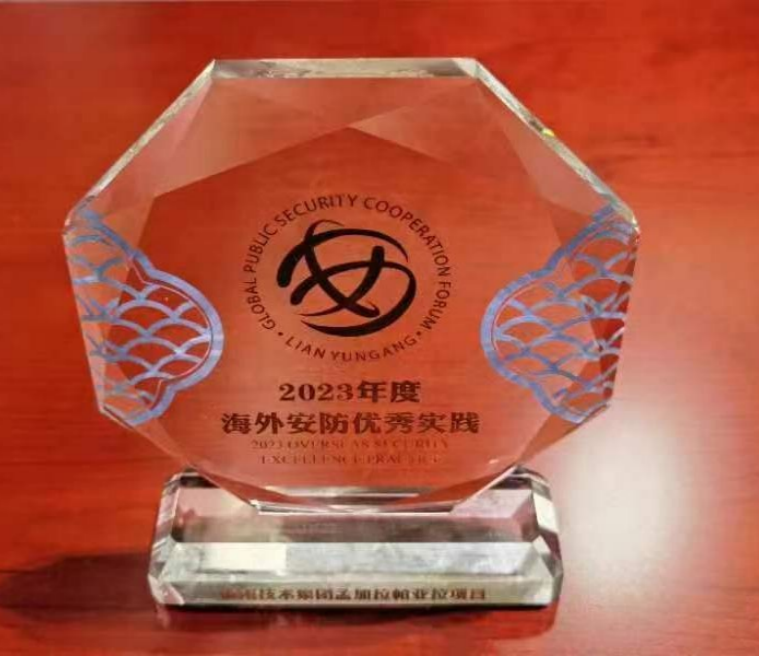
强化安全生产能力

集团持续推进安全生产标准化建设，巩固安全生产标准化建设成果。持续优化安全生产“一张网”数字化平台，将境外安全管理系统嵌入“一张网”上线运行，安全数字化监管水平明显提升。

2023 年

通过安全生产标准化二级认证单位

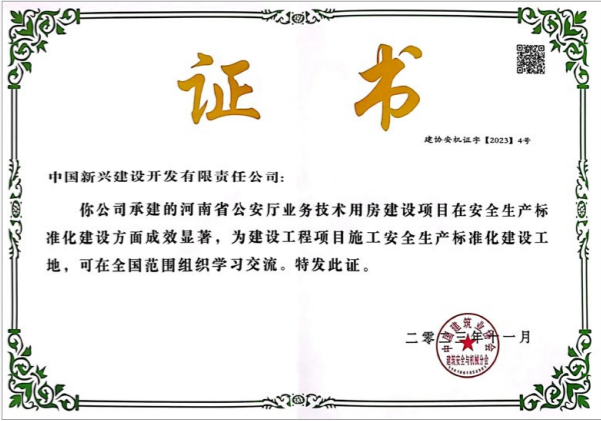
10 家



通用技术国际公司孟加拉帕亚拉项目获评“2023 年度海外安防优秀实践”奖



通用技术国中康健所属北京电力医院荣获国家卫健委“医院后勤管理优秀案例”



通用技术新兴公司 4 个施工项目获评全国建设工程项目施工安全生产标准化建设工地

推进安全文化建设

集团积极推进安全文化建设，创新开展“安全生产月”活动，持续夯实境外安全管理，涵养浓厚安全文化氛围。装备制造板块、医药医疗板块集中组织开展安全培训活动。基层单位以班组、科室为基本单元，坚持开展班前安全讲话，分享经验，提升安全意识。



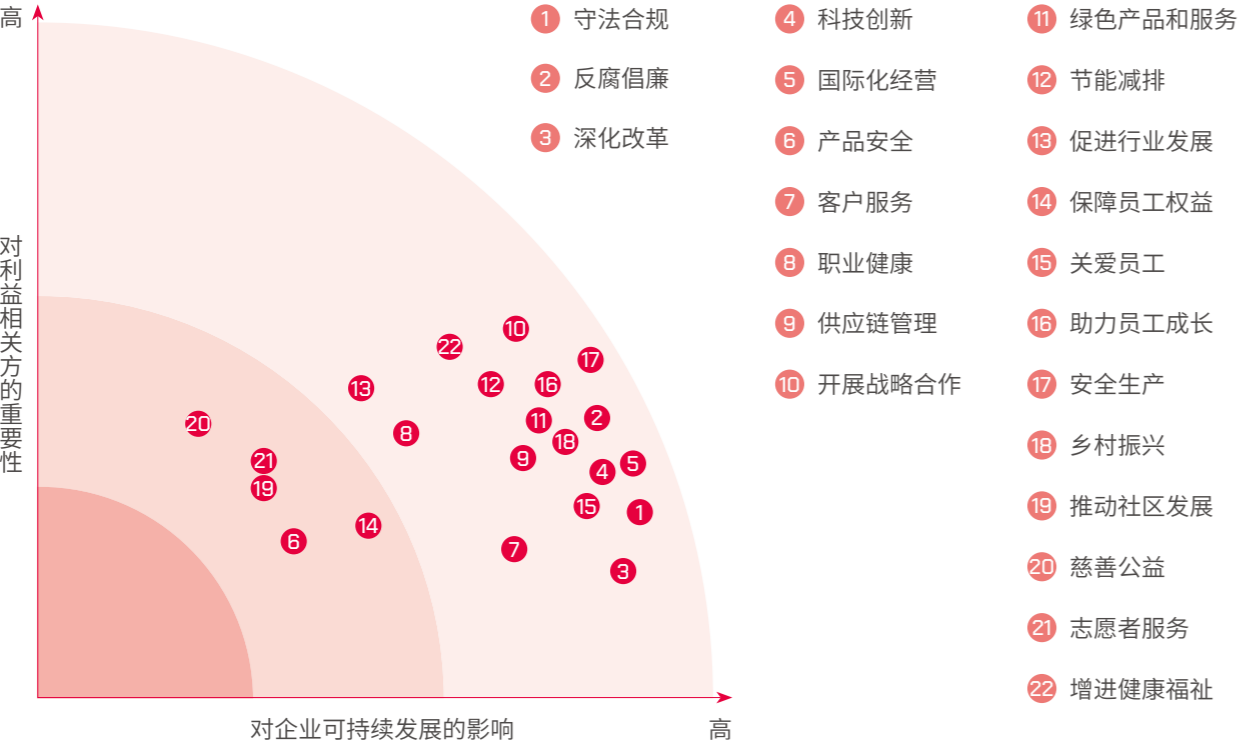
通用技术新材所属北京中丽举办 2023 年“安全生产月”启动仪式

塑造责任管理 ESG 特色

集团高度重视社会责任管理，将社会责任和 ESG 融入企业日常管理与生产经营实践，携手各利益相关方共同创造经济、社会、环境综合价值。

识别责任议题

集团基于社会责任指标体系，在“通用技术集团社会责任六瓣花”模型基础上，结合企业发展战略，分析国家宏观政策、国内外社会责任标准，动态识别、细致筛选出内外部利益相关方高度关注的关键议题，绘制实质性矩阵，针对性开展社会责任工作。



开展责任沟通

集团坚持真实、准确、完整、及时、公平地开展信息披露工作，创新沟通机制、丰富沟通形式，与利益相关方进行真诚互动与友好交流，用心倾听社会各界声音。积极组织社会责任培训，增强社会责任管理人员和从业人员的意识和能力。

2023 年，集团发布年度企业社会责任报告中英文版，推出报告配套长图和双语宣传视频，全面梳理总结集团在社会 responsibility 方面的亮点和成效，全方位展示负责任的央企形象。



荣获“2023 中国企业社会责任发展指数机械装备制造业三强”



荣获中央企业助力乡村振兴优秀案例

利益相关方	期望与诉求	沟通渠道与方式	回应举措
政府	遵纪守法 依法纳税 服务国家战略 支持地方发展	高层会晤 交流沟通会 信息报送 参加会议 接受监督考核、视察	强化合规管理 主动纳税 执行国家政策、接受监管考核 带动地方发展
股东	保持畅通的信息沟通 确保稳健经营和可持续发展 提升效益	年报和非财务信息披露 股东大会和董事会会议 工作总结和业绩汇报	完善公司治理 保持业务和盈利能力增长 及时、全面信息披露
客户	提供优质产品和服务 技术指导	客户拜访 邮件与电话日常沟通 客户满意度调查	建立全方位质量管控体系 创新服务方式与服务内容 参加全国质量月活动
合作伙伴	信守承诺 采购公开 合作共赢	招投标信息公开 战略合作、项目合作 高层互访	公开、本地化采购 供应链管理
环境	节能减排 节约资源 应对气候变化 生态保护	环境信息公开	绿色办公和节能宣传周 开展环保公益活动
员工	保障基本权益 了解企业经营状况 营造健康安全工作环境 公平晋升与发展 获得归属感和认同感	内部邮件与期刊 民主生活会 员工关爱活动 领导接待日 在集团网站开辟听取员工意见专栏	保障员工基本权益 建立多样化员工沟通渠道 开展职业培训、畅通晋升渠道 建立健全职业健康管理体系 开展丰富多彩员工活动
行业组织	促进行业发展	参加论坛研讨会、展会 加入行业协会、标准组织	参与标准研讨、制定 促进行业交流合作
社区	社区公共事业发展 社区交流与沟通 扶贫济困 促进就业	社区教育与宣传 社区沟通会	积极参与社区建设 志愿者活动和慈善公益活动 本地化用工
媒体	了解企业发展战略与计划 获得企业社会责任信息	采访 通过社交媒体加强互动	接受媒体采访 信息公开

推进 ESG 建设工作

集团构建覆盖董事会、管理层、总部及所属企业的 ESG 工作体系。集团领导持续关注、密切跟进 ESG 相关目标和进度，推动管理流程及制度的完善；各职能部门和相关企业作为 ESG 管理执行机构，具体落实 ESG 管理理念、开展 ESG 管理实践。



通用技术环球医疗入选“中国 ESG 上市公司先锋 100”榜单

展望未来

责任于心重千钧，使命在肩当奋进。

通用技术集团将以习近平新时代中国特色社会主义思想为指导，深入贯彻落实党的二十大精神，完整、准确、全面贯彻新发展理念，服务构建新发展格局，坚持高质量发展这个新时代的硬道理，积极服务制造强国战略、健康中国战略、高质量共建“一带一路”，优化产业布局、强化创新驱动、全面深化改革，着力打造引领技术发展的世界一流高端机床装备企业、值得信赖的世界一流医疗健康企业、畅通国内国际双循环的综合服务商，不断增强核心功能，提升核心竞争力，更好发挥科技创新、产业控制、安全支撑作用，加快建设具有全球竞争力的世界一流企业，为以中国式现代化全面推进强国建设、民族复兴伟业作出新的更大贡献！

附录

指标索引

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董事长致辞			P2.1-2.2	P4-P5
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筑梦 2030：通用技术集团与联合国可持续发展目标（SDGs）		目标 1-17	P3.1-3.2	P8-P9
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评级报告

《中国通用技术（集团）控股有限责任公司 2023 年企业社会责任报告》评级报告

受中国通用技术（集团）控股有限责任公司委托，“中国企业社会责任报告评级专家委员会”抽选专家组成评级小组，对《中国通用技术（集团）控股有限责任公司 2023 年企业社会责任报告》（以下简称《报告》）进行评级。

一、评级依据

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

二、评级过程

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

三、评级结论

过程性（★★★★☆）

集团成立报告编制工作组，由集团办公室牵头协调、具体统筹报告编制工作，职能部门及子公司提供基础资料并审核相关内容，主要领导负责把控整体方向并负责报告终审；将集团报告定位为披露社会责任信息、完善社会责任管理、强化利益相关方沟通、提升品牌价值的重要工具，功能价值定位明确；结合国家宏观政策、行业对标分析、公司重大事项、国内外标准等识别实质性议题；计划通过官方网站发布报告，并将以印刷品的形式呈现报告，过程性表现领先。

实质性（★★★★★）

《报告》系统披露了产品质量管理、产品创新、职业健康管理、安全生产、环保技术和设备的研发与应用、节约能源、水资源、危险化学品管理、减少“三废”排放等所在行业关键性议题，叙述详细充分，具有卓越的实质性表现。

完整性（★★★★☆）

《报告》主体内容从“发挥核心功能，服务国家战略”“推动高质量发展，建设世界一流企业”“践行绿色发展，共建低碳社会”“搭建发展舞台，助力员工成长”“关怀社会民生，共享美好生活”“坚持稳健经营，永葆基业长青”等角度系统披露了所在行业核心指标的 86.62%，完整性表现领先。

平衡性（★★★★★）

《报告》披露了“腐败相关诉讼事件”“安全生产事故数”“较大及以上环境污染和生态破坏事件”“雇佣童工、强制劳工以及歧视等违法违规事件”“新增职业病例”等负面数据，并简述了对于违规举报信息的接收与处理措施，平衡性表现卓越。

可比性（★★★★★）

《报告》披露了“境外投资总规模”“科技研发总投入”“新授权专利”“节能环保总投入”“女性管理者比率”“守法合规培训次数”等 43 个关键指标连续 3 年的对比数据；通过“位列 2022 第八届中国最具影响力医药企业百强榜第 2 位”“12 项成果入选国务院国资委《中央企业科技创新成果推荐目录（2023 年版）》，入选数量位列中央企业第三位”等指标进行横向比较，可比性表现卓越。

可读性（★★★★★）

《报告》主体部分创新采用从“经济责任”“产品责任”“环境责任”“员工责任”到“公共责任”“治理责任”的特色议题引领型框架，框

架结构清晰，重点议题突出，响应了利益相关方的期望与诉求；设置“筑梦 2030：通用技术集团与联合国可持续发展目标（SDGs）”和“2023 年成绩单”，聚焦企业年度履责重点实践，彰显了企业履责的引领性和报告内容的时代感；嵌入二维码进行影像化延伸，扩展了报告内容，增强了报告易读性和沟通性；报告封面采用实景图大图拼接风格，融入主营业务元素和矢量元素，紧密呼应企业责任理念，提升了报告辨识度，具有卓越的可读性表现。

创新性（★★★★★）

《报告》设置“责任模型：通用技术集团社会责任六瓣花”，6 片花瓣分别对应主体部分的经济、客户、环境、员工、社区、治理 6 大责任，前后呼应，有很强的衔接性；设置“开展主题教育，以高质量党建引领高质量发展”“服务国家区域协调发展战略，融入现代化建设大局”与“沿着总书记的足迹，十年精彩蝶变谱写新篇章”3 个价值聚焦，充分响应国家大政方针和时代需求，聚焦企业履责重点，彰显了中央企业的责任担当；以利益相关方证言形式呈现企业履责成效，强化了报告的传播力与公信力；持续参加社会责任报告评级，既提升企业社会责任管理意识和高度，又增强了企业社会责任工作的规范性和可信度，创新性表现卓越。

综合评级（★★★★★）

经评级小组评价，《中国通用技术（集团）控股有限责任公司 2023 年企业社会责任报告》为五星级，是一份卓越的企业社会责任报告。



《中国通用技术（集团）控股有限责任公司 2023 年企业社会责任报告》首次获得五星级评价

四、改进建议

1. 持续强化内外利益相关方参与深度，加强社会责任计划制定，进一步提高报告过程性管理；
2. 增加行业核心指标的披露，进一步提高报告的完整性。

黄群慧
评级专家委员会副主席

钟大武
评级小组组长

魏秀丽
评级小组专家

出具时间：2024 年 6 月 25 日

扫码查看企业评级档案

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Rating Report of the 2023 Corporate Social Responsibility Report of China General Technology (Group) Holding Co., Ltd.

Rating Report

Upon the request of China General Technology (Group) Holding Co., Ltd., commonly known as Genertec, the "Chinese Expert Committee on CSR Report Rating" selected experts to form a rating team to rate the 2023 Genertec Corporate Social Responsibility Report (hereinafter referred to as the "Report").

I. Rating Criteria
Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR 4.0) by the Chinese Academy of Social Sciences, and Rating Standards for Corporate Social Responsibility Reporting in China (2020) by the Chinese Expert Committee on CSR Report Rating.
II. Rating Process
1. The rating panel reviews and confirms the Confirmation Letter on Process Materials of Corporate Social Responsibility Reporting and associated materials submitted by the preparation team of the Report;
2. The rating panel conducts rating on the preparation process and the contents disclosed by the Report, drafting rating report;
3. The vice chairman of Chinese Expert Committee on CSR Report Rating, the leader of the rating panel, and the expert of the rating panel jointly review and sign the rating report.
III. Rating Conclusion
Process (★★★★★)
Genertec establishes a report preparation working group, led by the General Office, to coordinate and oversee the report preparation. Functional departments and subsidiaries provided basic data and reviewed relevant content, while senior leaders controlled the overall direction and were responsible for the final review. Genertec positioned the report as a crucial tool for disclosing social responsibility information, improving social responsibility management, enhancing stakeholder communication, and increasing brand value, with a clear functional value positioning. The identification of substantive issues was based on national macro policies, industry benchmarking analysis, major corporate events, and domestic and international standards. The Report is planned to be published on Genertec's official website and presented in printed form, demonstrating its leading performance in process.

Materiality (★★★★★)
The Report systematically discloses key issues in the industry, such as product quality management, product innovation, occupational health management, safety production, environmental technology and equipment development, and application, energy conservation, water resource management, hazardous chemicals management, and reduction of three types of waste, including industrial wastewater, waste gas and solid waste. The detailed and comprehensive narrative showcases excellent materiality.
Completeness (★★★★★)
The main content of the Report systematically discloses 86.62% of the core indicators in the industry from perspectives such as "Enhancing Core Functions, Supporting National Strategies", "Accelerating High-quality Development, Striving to Be a World-class Enterprise", "Embracing Green Development, Building Low-carbon Society", "Building Development Platform, Helping Employees Grow", "Carrying a Beautiful Life", and "Assisting on Stable Operation, Achieving Enduring Growth". This demonstrates leading performance in completeness.
Balance (★★★★★)
The Report discloses negative data such as "corruption-related litigation", "number of production safety accidents", "major environmental pollution and ecological destruction incidents", "employment of child labor, forced labor, and discrimination violations", and "new occupational disease cases". It also briefly described the measures for receiving and handling violation reports, demonstrating excellent balance.
Comparability (★★★★★)
The Report discloses three-year comparative data for 43 key indicators, including "total overseas investment", "newly authorized patents", "total investment in energy-saving and environmental protection", "proportion of female employees in the management", and "legal compliance training". It also conducted horizontal comparisons using indicators such as "ranking second on the 2022 top-100 list of the pharmaceutical distribution industry" and "12 achievements selected for inclusion in the Catalogue of Recommended Scientific and Technological Innovation Achievements of Central State-owned Enterprises (2023) by SASAC, ranking third among all central SOEs". The comparability performance is excellent.
Readability (★★★★★)
The main part of the Report innovatively adopts a topic-led feature framework that progresses from "Economic Responsibility", "Product Responsibility", "Environmental Responsibility", "Employee Responsibility", to "Public Responsibility", and "Governance Responsibility". The structure is clear, key topics are highlighted, and it responds to stakeholder expectations and demands.

Overall Rating (★★★★★)
According to the evaluation of the rating panel, the rating of the 2023 Corporate Social Responsibility Report of China General Technology (Group) Holding Co., Ltd. is rated as five-star, it is recognized as an excellent CSR report.

Chinese Expert Committee on CSR Report Rating
中国企业家社会责任报告
评级专家委员会
The 2023 Corporate Social Responsibility Report of Genertec receives a Five-Star Rating for the First Time

IV. Improvement Suggestions
1. continuously strengthen the depth of internal and external stakeholder participation, enhance the formulation of social responsibility plans, and further improve process management.
2. Increase the disclosure of core industry indicators to further enhance the completeness of the report.

Building Green Development, Embracing Low-carbon Society
Green Manufacturing
Goals 7,3,14,15
E1,7-1,9, E2,3-2,4, E2,6, E2,9, E3,1-3,2, E3,6
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Enhancing the Well-being Index through Rural Revitalization
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Swift and Steady Progress in Deepening Reforms
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Strict Control of Safety Production
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ESG Principles in Responsibility Management
Goals 17
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Future Prospect

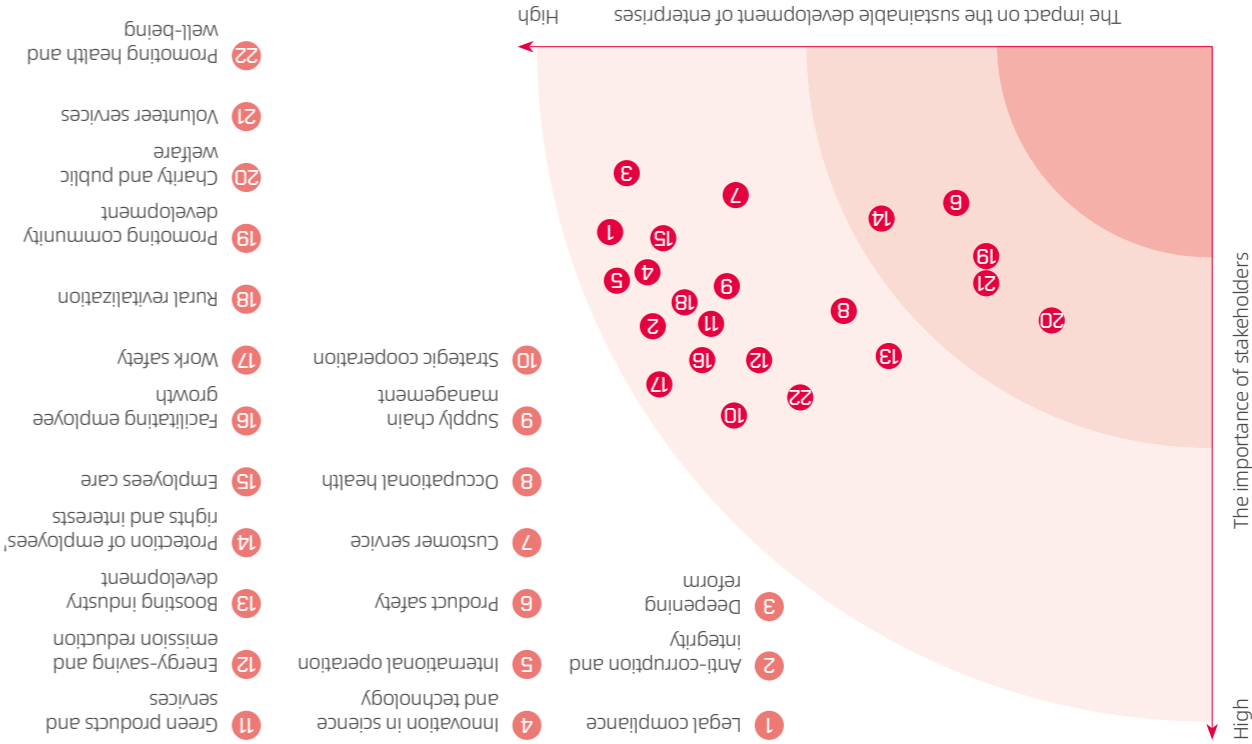
Under the guidance of the Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, Genertec thoroughly implements the guiding principles of the 20th National Congress of the CPC, fully, accurately and comprehensively applies the new development philosophy, works to foster of a new development dynamic, promotes high-quality development, firmly serves the strategies of building China into a manufacturing power, the Healthy China initiative, and the Belt and Road Initiative, optimizes its organizational structure, strengthens innovation-driven business, comprehensively deepens reforms, strives to become a world-class high-end machine tool equipment manufacturer, a trustworthy medical and health enterprise, and an integrated service provider dedicated to facilitating domestic and international economic cycles. In addition, Genertec will enhance its core functions to be more competitive and more innovative. It will also promote reforms, enhance efficiency, and control risks. Moreover, it will leverage the roles of sci-tech innovation, industrial control, and safety support to build a modern industrial system and foster a new development pattern. Furthermore, it will pursue high-quality development through concrete actions, contributing to building a great country and rejuvenating the Chinese nation through the Chinese path to modernization!

ESG Principles in Responsibility Management

Genertec places great significance on social responsibility management, embedding social responsibility and ESG principles into its daily operations and production practices. This collaborative approach with stakeholders aims to generate comprehensive economic, social, and environmental value.

Identifying Responsibility Concerns

Based on the social responsibility indicator system and aligned with corporate development strategies, Genertec has developed the "Genertec Six-petal Model of Social Responsibilities" to identify and screen key issues of high concern to both the group and its stakeholders. This process involves analyzing national macro policies as well as domestic and international social responsibility standards, resulting in the creation of a material issue matrix that guides targeted social responsibility initiatives.



Fostering Open Dialogue on Responsibility Matters

Genertec is dedicated to transparent, accurate, complete, timely, and fair information disclosure. By innovating communication mechanisms and diversifying media channels, it ensures genuine interaction and amicable exchanges with stakeholders, attentively listening to their concerns. In addition, Genertec actively organizes social responsibility training to enhance the awareness and competence of its social responsibility management professionals and employees.

In 2023, Genertec published its annual corporate social responsibility (CSR) report in Chinese and English, accompanied by a detailed infographic and a bilingual promotional video. This comprehensive report reviews and summarizes the group's highlights and achievements in social responsibility, thoroughly showcasing the image of a responsible central SOE.



Genertec was awarded Excellent Case of Central SOE



Genertec was recognized as one of the top 3 enterprises in the Machinery and Equipment Manufacturing Industry of the 2023 Chinese CSR Development Index

Stakeholder	Expectations and demands	Communication channels and approaches	Response measures
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Government	Legal compliance	Tax payment by the law	High-level meetings
	Serving national strategies	Supporting local development	Undergoing supervision, reviews and inspections
Shareholders	Keeping smooth information exchanges and communication	Annual reports and disclosure of non-financial information	Annual general meetings and board meetings
	Ensuring stable operations and sustainable development	Work summary and performance reporting	Comprehensive information disclosure
Customers	Providing high-quality products and services	Customer visits	Establishing an all-around quality management and control system
	Technical guidance	Routine communication via Email and phone	Innovation in service models and content
Partners	Honoring commitments	Disclosure of bidding and tendering information	Participating in the National Quality Month campaign
	Open procurement	Strategic cooperation and project cooperation	Transparent and localized procurement
Environment	Energy-saving and emission reduction	Resource conservation	Green office and energy conservation
	Response to climate change	Disclosure of environmental information	Public welfare activities for environmental protection
Employees	Protecting basic rights and interests	Internal mails and journals	Protecting employees' basic rights and interests
	Understanding the operating conditions of Genertec	Congress of workers and staff	Establishing diversified employee communication channels
Organizations	Facilitating industry development	Participating in forums, seminars and exhibitions	Participating in discussions and formulation of standards
	Development of community public utilities	Community education and publicity	Promoting industry exchanges and cooperation
Community	Community engagement and alleviating poverty and aiding the needy	Community communication meetings	Active engagement in community development
	Promoting employment	Using social media to strengthen interaction	Volunteer and public welfare activities
Media	Understanding corporate strategies and plans	Interviews	Accepting media interviews

Genertec has established a comprehensive ESG (Environmental, Social, and Governance) work system involving the board of directors, management, headquarters, and affiliated enterprises. The leaders at Genertec monitor ESG objectives and progress, driving the refinement of management processes and systems. As the executive bodies of ESG management, all functional departments and relevant enterprises are responsible for implementing ESG management concepts and practices.

Advancing the ESG Agenda




Genertec Universal Medical listed Top 100 ESG Companies of Chinese Enterprises

Strict Control of Safety Production Responsibility

In 2023

no major work safety accidents reported



Gentec has implemented the requirements and arrangements set by the Work Safety Committee and SASAC. Aligned with the objectives of the "2023 Campaign of Extensive Overhaul of Major Accident Hazards" and the "Campaign of Year of Strengthening Safety Management" we have enforced safety responsibilities, refined our management systems, undertaken targeted governance actions, and enhanced our overall safety capabilities.

Enforcing a Robust Safety Accountability Framework

Gentec ensures that all levels of personnel fulfill their safety responsibilities by requiring units to sign liability statements for workplace safety. We have established a comprehensive work safety responsibility network that features complete coverage, with clearly defined safety targets. Competence assessments are conducted for heads of safety supervision, safety directors, and department chiefs, and this evaluation extends to all subordinate units. This systematic approach aims to strengthen the workplace safety responsibility chain for key positions.

Optimizing the Workplace Safety Management System



Gentec Advanced Materials engaged all staff in safety training

Gentec has intensified its efforts in the 2023 Campaign of Extensive Overhaul of Major Accident Hazards and the Campaign of Year of Strengthening Safety Management. Senior Party members have led safety supervision and guided emergency drills in a top-down approach, directly engaging with primary companies. We have established a robust safety supervision team, mainly composed of registered safety engineers, increasing our number to 156, with 71 new additions this year. Continuous improvements have been made to our institutional system, including the issuance of the guidelines on Standardizing Management of Breakdown of Work Safety Efforts in the Medical and Healthcare Sector, among other documents. Units at all levels have revised more than 300 workplace safety regulations. With increased oversight of the guarantee system, units at all levels have collectively assigned more than 10,000 safety supervision specialists to conduct safety inspections, successfully eliminating over 20,000 safety hazards. Additionally, a workplace safety alliance of producers and operators has been founded in Chengdu and Xi'an, facilitating regional safety training and mutual inspections to foster a mature emergency coordination mechanism. The group also strengthens the construction of safety informatization and implements specialized management of hazardous chemicals.

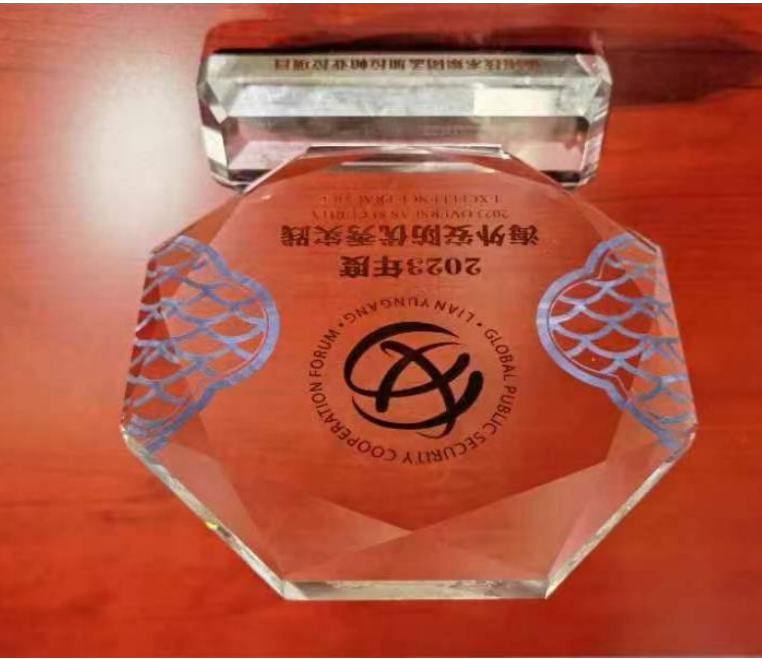


Gentec Machine Tool Research Institute conducted practical drills for incident fire response



Gentec QIER Machine Tool has established a dedicated safety warning education room

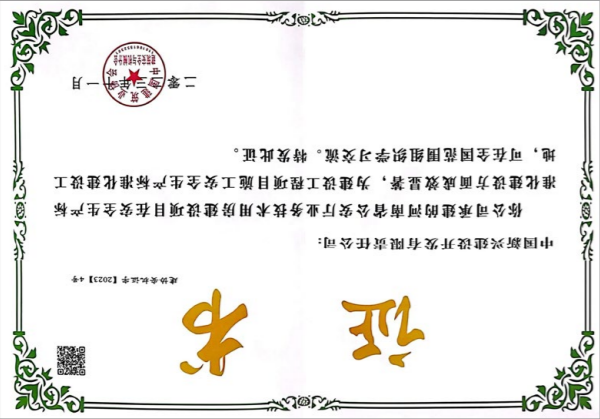
Enhancing Safety Production Capabilities



Bangladesh i Payara Project of Gentec International won the 2023 Overseas Security Excellence Practice Award



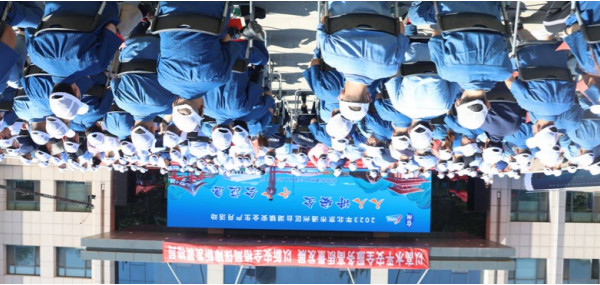
Beijing Electric Power Hospital, affiliated with Gentec Guozhong Healthcare, was honored as an Excellent Case of Hospital Logistics Management by the National Health Commission



Four construction projects of Gentec Xinjing were awarded as National Exemplary Sites for work safety standardization in construction engineering

Cultivating Safety Culture

Gentec actively promotes a culture of safety by conducting Month of Workplace Safety activities, strengthening overseas safety management, and fostering a strong safety-conscious atmosphere. In the equipment manufacturing and pharmaceutical sectors, we have organized intensive safety training programs. At the primary level, units conduct pre-shift safety talks within teams and departments, sharing experiences to enhance employees' safety awareness.



Beijing Chonglee Machinery Engineering Co., Ltd. of Gentec Advanced Materials held the launching ceremony for the Month of Work Safety in 2023

Swift and Steady Progress in Deepening Reforms

We continuously consolidated and intensified the outcomes of the three year action plan for SOE reform, and achieved Grade A's in the assessment of their work to comprehensively deepen reforms for three years in a roll. We made significant progress in deepening reforms by formulating the Implementation Plan for Deepening and Enhancing Reform (2023-2025) and the corresponding work ledger, in 2023, we completed 42 key reform actions and 105 detailed standard tasks, building Genertec into a modern SOE full of vitality.

Priorities of the Group's Initiatives to Deepen and Upgrade SOE Reform in 2023

To enhance technological innovation, we strive to elevate our core competitiveness, and quicken our steps toward technological self-reliance.

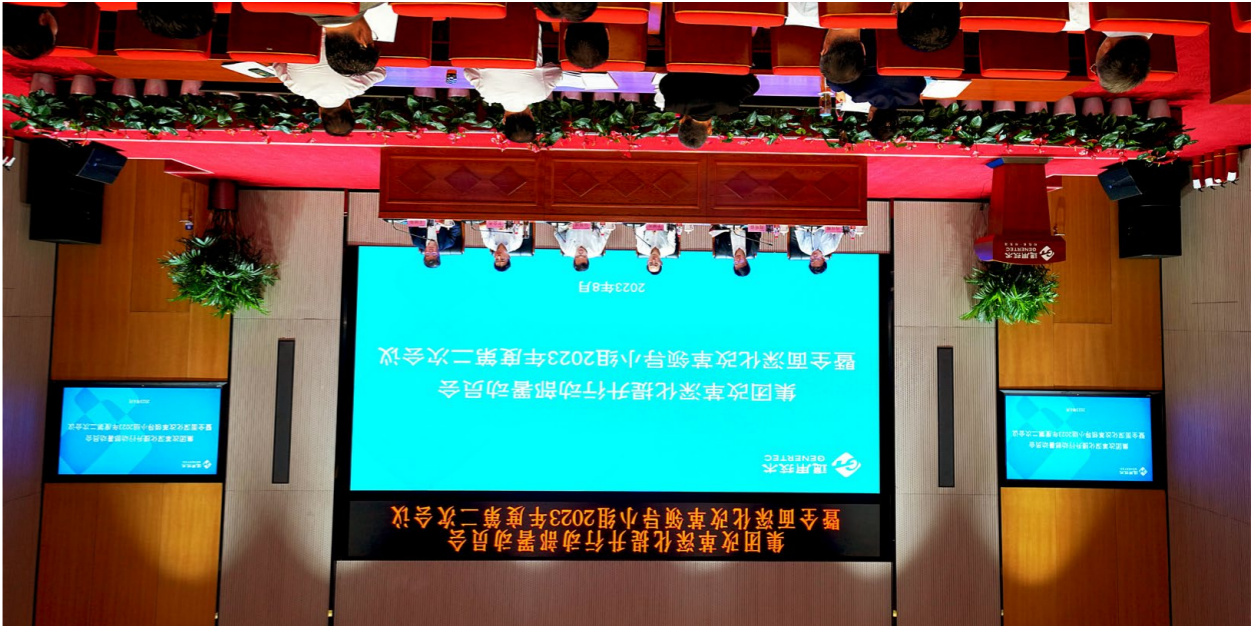
To strengthen control over the industry, we remain committed to our primary businesses, enhancing our key functions, and expediting the development of a modern industrial system.

To enhance security support, we reinforce strategic layouts in key areas, safeguarding national strategic security.

In terms of governance structure, we aim to further clarify the boundaries of rights and responsibility of governance entities, thereby enhancing corporate governance efficiency.

To enhance vitality and efficiency, we will further leverage the role of market-based mechanisms and fully motivate all parties involved.

In terms of internal control, we will intensify our efforts in streamlining our group and loss management, while accelerating improvements in lean management.



Genertec held the Mobilization Meeting for the Reform Deepening and Enhancement Action and the Second Meeting of the Comprehensive Reform Deepening Leadership Group in 2023

Enhancing the Role of Capital Empowerment

With the support of the capital market, Genertec has enhanced its main business and advanced major capital operation projects, including the restructuring of Genertec Kunming Machine Tool and the integration of medical equipment operations. Genertec Capital, in line with the group's industrial strategy, has been investing in high-quality assets in sectors such as high-end machine tools, biopharma, and new medicine. Significant progress has been achieved with the Life Health Fund and the BRICS Technology & Innovation Fund, to improve our financial operations.

Innovating Market-oriented Operations

Through the implementation of the Three System Reforms for SOEs, Genertec has enhanced the tenure system and the quality of contractual management for its managerial staff. In 2023, we achieved 100% coverage of enterprises and personnel under contractual management for both the current and next tenures. With a rigorous assessment process, we have executed a competitive employment system for management positions. Throughout the year, we conducted open recruitment positions across 6 second-level units, revitalizing management personnel at all levels with a focus on "operation, implementation, and management".

Deepening Specialized Corporate Reforms

Genertec has developed and implemented the Action Plan for Aligning with World-Class Enterprises in Value Creation. This plan supports affiliates in becoming Double Hundred Action Enterprises and Technological Reform Demonstration Enterprises and in applying for recognition as SDRI Enterprises. With enhanced capabilities in value creation, innovation, and lean management, the plan aims to produce more exemplary models and trailblazers through primary reforms. Genertec achieved Grade A in the assessment of its value creating actions to benchmark itself against world-class enterprises.

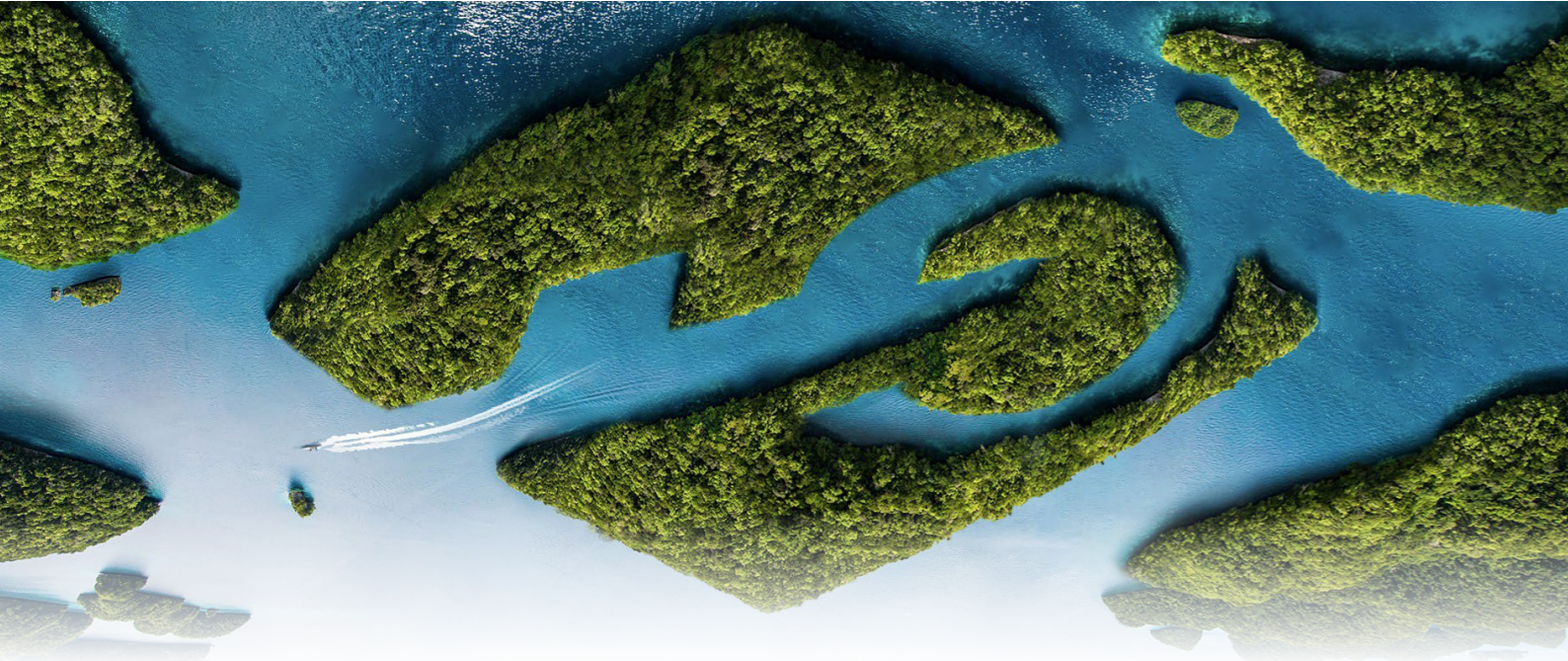
国务院国有资产监督管理委员会

关于创建世界一流专业领军示范企业
实施方案评估情况的通报

相关中央企业有关部门、有关地方国资委：
贯彻落实国有企业创建世界一流专业领军示范企
业精神，我们围绕相关力量对企业报送的实施方案进行了
评估，现将有关情况通报如下：

90	中国铝业集团有限公司
91	中国石化集团有限公司
92	中国海洋石油集团有限公司
93	中国南方电网有限责任公司
94	中国烟草总公司
95	中国铁路集团有限公司
96	中国工商银行股份有限公司
97	中国农业银行股份有限公司
98	中国银行股份有限公司
99	中国建设银行股份有限公司
100	中国进出口银行

Genertec Tianduan was honored "Exemplary Industry Leader" and "Technological Reform Demonstration Enterprise" by SASAC



Insisting on Stable Operation, Achieving Enduring Growth

Promoting high-quality development requires a strong foundation, collaboration, and a relentless pursuit of excellence. Generec is committed to deepening reforms and leveraging the strength of its modern corporate system with Chinese characteristics to enhance corporate governance efficiency. It upholds rigorous work safety standards, strengthens its commitment to social responsibility, improves ESG management, and drives sustainable development.

SDGs



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Swift and Steady Progress in
Deepening Reforms

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Strict Control of Safety
Production Responsibility

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ESG Principles in
Responsibility Management

Commitment to Public Welfare

Genetec is consistently dedicated to public well-being and responsive to social service and emergency relief needs. It is also committed to addressing urgent, challenging, and anticipated issues affecting people.

Social Welfare Programs

Genetec integrates social responsibility into its business development. Through initiatives like the launch of the Xinyan Charity Fund and the creation of the young volunteer service brand, we are committed to giving back to society with genuine compassion.



Genetec Machine Tool Research Institute helped farmers to pick hawthorn



The young volunteer team of Genetec Advanced Materials engaged more than 1,000 participants in approximately 20 volunteer activities, totaling more than 600 hours of volunteer work



Genetec international involved volunteers in clearing ice and snow



Hunan Aerospace Hospital, affiliated with Genetec AMHT, engaged employees in voluntary blood donation

Disaster Relief and Rescue Assistance

As a dedicated central state-owned enterprise, Genetec consistently fulfills its mission by actively responding to flood prevention and earthquake relief efforts. By deploying 56 teams of 541 personnel for flood and earthquake disaster relief, we strive to ensure the utmost safety and security of people's lives and property.



In August 2023, a severe rainstorm hit Zhuozhou, Hebei. In response, Genetec Healthcare promptly provided medicine and other emergency relief supplies to companies in the affected region, while also offering medical and healthcare advice to residents through a 24-hour hotline



After the earthquake in Jishishan County, Linxia Prefecture, Gansu, in December 2023, Genetec Meheco mobilized emergency medical supplies to address epidemic prevention and ensure safe medication in the affected area



Elderly Care Restaurant Initiated by Qingdao Branch of Genetec Guozhong Healthcare

The Qingdao branch of Genetec Guozhong Healthcare was established in June 2023. Elders aged 70 and above who are registered with the Haiqing Restaurant service receive a subsidy of 4 RMB per meal, provided by the People's Government of Qingdao Municipality. Many patrons have expressed their appreciation, stating, "Haqing Restaurant provides nutritious and reasonably priced meals, offering both physical and emotional comfort, and creating a welcoming atmosphere that feels like a second home."




Genetec Capital carried out a volunteer activity to care for the elderly




Deepening Featured Assistance

Consolidating Outcomes of "Two Assurances and Three Guarantees"




For elementary education

We invested 7 million RMB to build a nine-year school in Shangdu County, addressing educational needs of relocated children. Additionally, we invested 2 million RMB to establish the Wuchuan People's Education Foundation and 600,000 RMB to improve the facilities at Wuchuan Genertec Vocational School. Moreover, we conducted mental health screenings for 3,211 local students and organized 11 intensive counseling sessions to support the youth in Wuchuan County.



For social security

We invested 1 million RMB to extend critical illness insurance, family property insurance, and insurance against falling back into poverty for monitored rural residents in Wuchuan County. Additionally, we allocated 1.3 million RMB to compile and organize the "two files" system, support poverty alleviation, and enhance epidemic prevention and control, as well as to install supporting facilities.



For medical security

We invested 500,000 RMB to acquire 8 drug decoction and packing machines and 10 oxygen generators for primary medical institutions in Wuchuan County.



Pupils of Shangdu County were having class in smart classroom of Genertec Primary School

Empowering Marketing through Innovation

By prioritizing consumption-based assistance, the group has actively participated in initiatives such as "New Spring Consumption-Based Assistance," "Consumption- Based Assistance Week for Rural Development by Central SOEs," and other related activities. We have also organized programs like the "Genertec Assistance Package" Collectively, these efforts have led to the purchase of agricultural products valued at 14.06 million RMB. Additionally, through effective coordination, we facilitated the sale of dairy products from Wuchuan County at AVIC's Rainbow Supermarket, achieving a sales volume of 20 million RMB.



Beijing Golden Harvest Science and Technology Development Co., Ltd., affiliated with Genertec Xinxiang, helped to sell the high-quality agricultural products from Shangdu County and Wuchuan County

During Genertec Healthcare Walkathon

4 free medical service events conducted

38 specialists participated

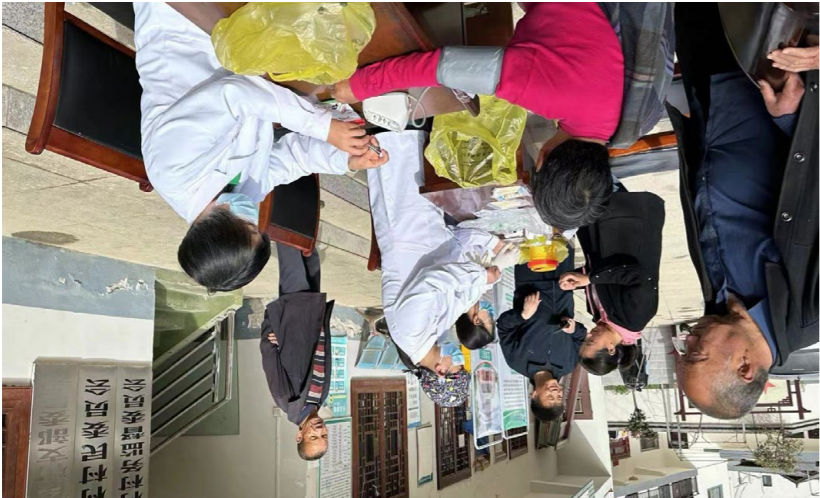
450+ villagers benefited

Stimulating Healthcare Support and Aid

We launched the "Genertec Healthcare Walkathon" campaign and utilized the "Genertec Mobile Clinic" to provide free medical consultations and health checkups to villagers in two counties. This initiative aimed to address the "last 100 meters" of healthcare access by delivering medical services and medicine directly to residents. In total, we conducted 4 free medical service events, involving 38 specialists and benefiting over 450 villagers. In 2023, Beijing Electric Power Hospital, affiliated with Genertec Guozhong Healthcare, signed an agreement with Shangdu County People's Hospital to establish a medical partnership. Additionally, Baogang Hospital, affiliated with Genertec AMHT, entered into paired assistance agreements with both Shangdu County People's Hospital and TCM Hospital.



731 Hospital, affiliated with Genertec AMHT, nominated Wuchuan County General Hospital as a Genertec Paired-Up Assistance Hospital



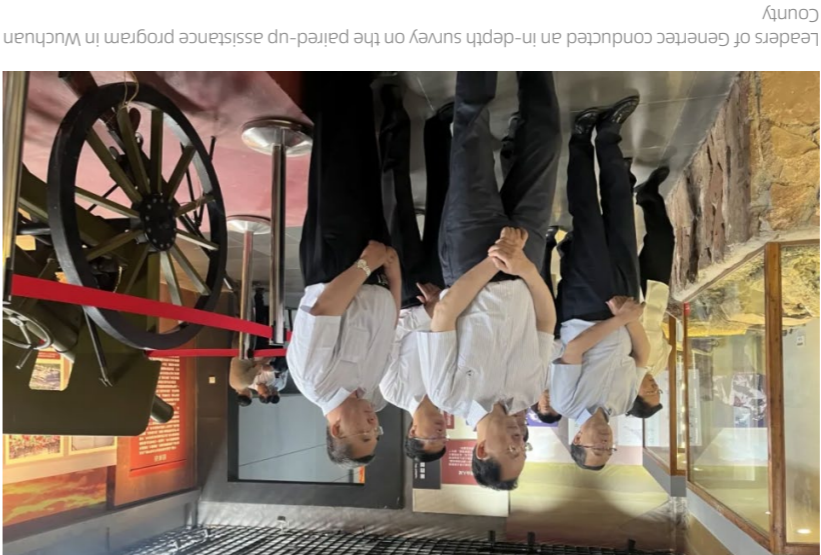
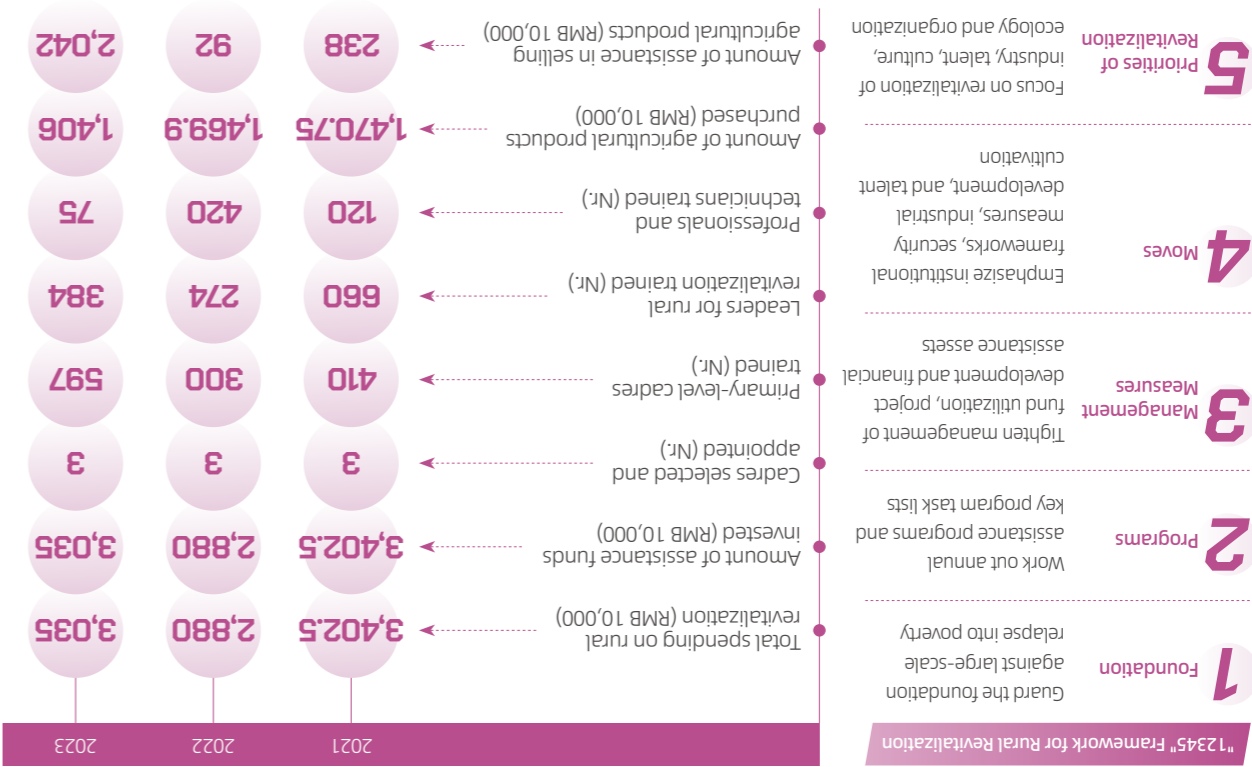
Genertec Germ Flower Healthcare delivered medical service to the countryside

Traillazing Pathways for Employment and Income Security

Genertec Health & Senior Care Industry Co., Ltd. has entered into a tripartite agreement with Ulanqab Medical College and Shangdu County Vocational School. This collaboration aims to nurture talent through "2+1" joint training programs and "hire-to-order" training classes, increasing annual enrollment by an additional 100 spots. Ulanqab Medical College has arranged for students to practice and train at the Practical Teaching Base of Ulanqab Medical College, established within the affiliate of Genertec Health & Senior Care. The group actively promotes local employment by selectively hiring outstanding graduates and interns.

Enhancing the Well-being Index through Rural Revitalization

Genertec has followed the directives and strategies of the CPC Central Committee and the State Council to comprehensively advance rural revitalization. By leveraging the unique resources of Wuchuan and Shangdu counties and adhering to the "12345" framework for rural revitalization, the group aims to foster mutual progress and achieve mutually beneficial outcomes between itself and the rural communities through paired assistance initiatives. In 2023, the group received a "good" rating for the fourth consecutive year in the central units' paired assistance assessment.



Leaders of Genertec conducted an in-depth survey on the paired-up assistance program in Wuchuan County

Organizational Guidance and Leadership

Genertec issued the 2023 Paired-Up Assistance Work Program and held four meetings to advance the initiative. Senior management led the research efforts, with a delegation of five visiting and surveying the two counties. In the latest round of selection and appointment, three outstanding individuals were assigned to temporary positions in these counties. A total of 30.35 million RMB was allocated, with an additional 20.5 million RMB raised for targeted assistance.

Industrial Revitalization

Targeting Comprehensive Revitalization across Five Key Areas

Build traditional Chinese medicine industry chain in Wuchuan County

For herbal cultivation, demonstration fields for the independent planting of Astragalus membranaceus and other medicinal species cover over 1,000 mu. Through contract planting and cooperative farming, we encourage farmers and cooperatives to expand their cultivation of these medicinal materials. Additionally, we have provided subsidies to Deshenggou Township to increase the Astragalus membranaceus plantation, thereby boosting the local economy.

In the processing of medicinal materials, we are constructing the Genertec TCM Once operational, the new facility will be capable of processing 1,000 tons of Astragalus membranaceus and liquorice annually.

Extension of agricultural product industry chain in Shangdu County

With an investment of 3 million RMB, we have established a dried vegetable processing factory in Shangdu County, creating job opportunities for laid-off workers and local farmers and benefiting over 300 rural households.

Additionally, we have allocated another 3 million RMB for the construction of advanced animal by-product processing facilities in Shangdu County, aimed at enhancing the value of these products.

Talent Revitalization

By implementing a training program for high-quality talent in rural revitalization and hosting a "new farmer" training initiative in the two counties, we have trained 1,056 primary-level cadres, rural revitalization pioneers, and technical professionals. Additionally, we invested 400,000 RMB to launch Phase III of the College Student Volunteer Service Plan in Western China, dispatching 30 college students to Shangdu County as teaching volunteers.

Cultural Revitalization

As part of our intensified "boosting countryside by culture" campaign, we have invested 400,000 RMB to refurbish 13 rural public cultural service centers and key village-level cultural rooms in Wuchuan County. This investment aims to enrich the spiritual and cultural lives of local villagers. Additionally, we have allocated 100,000 RMB to build a traditional Chinese medicine museum in Wuchuan County. In Quannaaozi Village, Shangdu County, we have utilized lamppost flags to introduce the "Star of Friendship" and "Star of Cleanliness" awards, with the goal of eliminating outdated customs and promoting social civility in rural areas.

Ecological Revitalization

In alignment with our ecological development action plan, "Greening Lush Mountains, Safeguarding Northern Frontier," we have allocated 2 million RMB to establish a high-standard ecological forest spanning 200 mu in Wuchuan County. Additionally, to further enhance the living environment, we have invested an extra 400,000 RMB to install 120 solar street lamps and plant 400 spruce trees in Shangdu County.

Organizational Revitalization

Genertec has launched a program titled "100 Party Branches Assisting 100 Left-behind Children," which pairs 100 Party branches within the group with 100 students in compulsory education from the two counties. Additionally, we utilized the "Daqing Mountain Party Spirit Education Base of Genertec" to conduct training for over 150 individuals across three sessions.



The Party Branch of Genertec Digital visited Genertec Primary School in Shangdu County, Inner Mongolia to assess and understand the conditions of underprivileged families

Driving Industrial Growth

Genertec has enhanced its supplier management regulations and established a high-quality, responsible supply chain. We are committed to supporting small- and medium-sized enterprises (SMEs), ensuring their stability to boost the real economy, while also maintaining regional and industrial financial stability. Through ongoing engagement with local authorities, international organizations, industry sectors, and business associations, we have significantly broadened and deepened our cooperative efforts.

Constructing a Responsible Supply Chain



Genertec HMT conducted product knowledge training for distributors.

Genertec is committed to integrity, implemented the Administrative Measures for Procurement to evaluate suppliers' competencies and clearly define qualification standards in key areas such as quality, environmental compliance, occupational health and safety certifications, and CCC certification. Through a rigorous qualification review mechanism and dynamic evaluation process, we meticulously oversee supplier contract performance. Suppliers who underperform are required to take corrective actions to improve their service capabilities. Additionally, we maintain a blacklist of disqualified suppliers to ensure the safety and stability of our supply chain. We also prioritize the procurement of green products to build a sustainable supply chain and develop a capable, high-quality, environmentally friendly, and low-carbon supplier network.

Strengthening Support for the Real Economy

The group has effectively utilized the financial capabilities of its General Finance, achieving a centralized fund management rate exceeding 83%. Over the past year, the group issued internal loans totaling 38 billion RMB and saved 1.3 billion RMB in financial costs. We have reached several industry milestones, including the first cross-border renminbi inter-bank lending business, the first reverse repo with a deposit pledge, the first bill rediscount by sale or outright sale, the first hospital loan business, and the first green loan business. These initiatives have significantly contributed to the real economy and strengthened our core business operations.



Launch of Financial Product Genertec Healthcare Bill

The Genertec Healthcare Bill, introduced by the group, aims to help medical institutions improve credit management and optimize fund utilization. In 2023, the Healthcare Bill covered all medical platforms under its administration, totaling 383 million RMB. Recognized as a model of inclusive finance, it was featured among China's Typical Cases of Inclusive Finance (2023).

Advancing Together with Partners

By fostering information exchange and enhancing coordination and cooperation across all business sectors, Genertec has created opportunities for mutually beneficial collaboration. In the machine tool equipment sector, we have facilitated resource sharing and optimized industry allocation by establishing platforms for innovation, cooperation, industry services, and communication. In the advanced and new materials sector, we have achieved seamless cooperation through improved communication with the China National Textile and Apparel Council and local industry associations. In the medical and healthcare sector, we have strengthened collaboration with government agencies and research institutes to drive technological advancements and innovation.



Successful Inauguration of the First Ophthalmology Forum

In August 2023, the first Genertec Ophthalmology Forum took place in Pudong, Shanghai. Centered on the latest advancements in ophthalmology, specialty development, and regional coordination, the forum enabled meaningful exchanges among experts in the field. The event offered a strategic platform for the group's deeper involvement in ophthalmology and the healthcare sector, exploring innovative pathways in China's ophthalmic medicine.



Genertec held Machine Tool Industry Development Summit & Central SOEs Industry Chain Salon



Genertec and Peking University People's Hospital signed an agreement on comprehensive cooperation

Caring for Livelihood, Sharing a Beautiful Life

Our efforts are centered on people's aspirations for a better life. Committed to the mission of "Creating a Better Life with Good Technology and Quality Service," Genertec actively fulfills its social responsibilities. We provide comprehensive and timely support for the development of industry partners, drive rural revitalization with a strong sense of responsibility, and empower local development. Additionally, we actively participate in public welfare activities, offering warmth and care while fostering a positive and virtuous atmosphere.

SDGs



Driving Industrial
Growth

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Enhancing the Well-being Index
through Rural Revitalization

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Commitment to Public
Welfare

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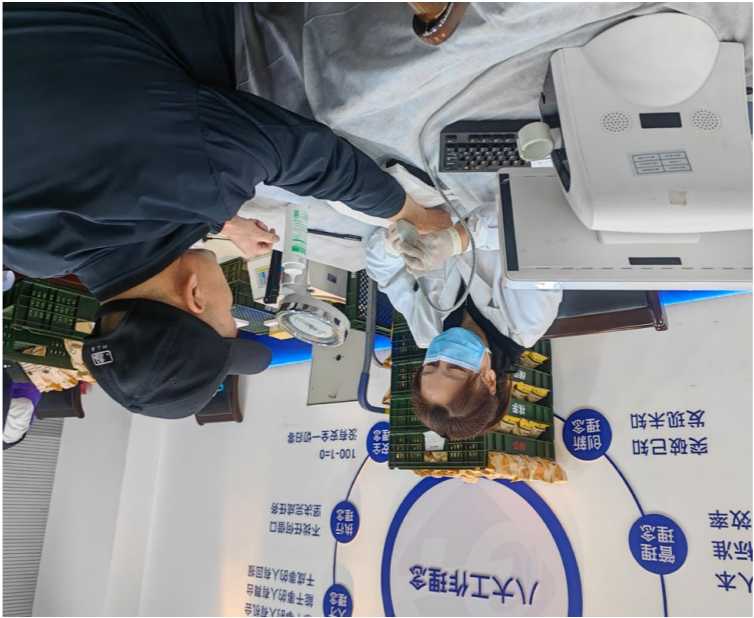
A Supportive and Nurturing Environment

Occupational Health Management

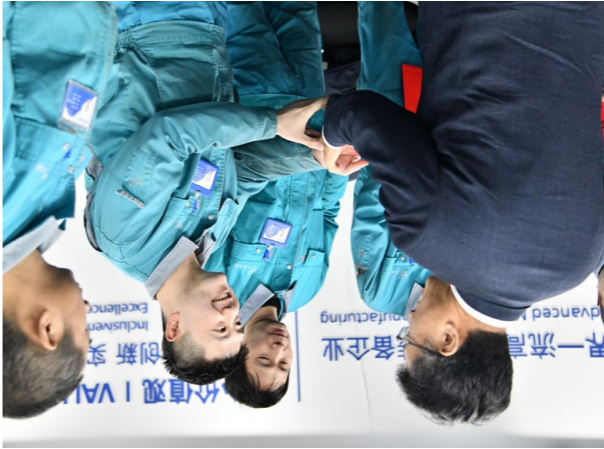
Genertec has made significant strides in advancing occupational health management by comprehensively identifying occupational hazards, organizing a publicity week for the Law on the Prevention and Control of Occupational Diseases, and providing extensive occupational health training. We have also launched the Employee Assistance Program (EAP) to help alleviate employees' work and life stress. Additionally, our online seminar on occupational health for central SOEs. By the end of 2023, 61 subsidiaries will have successfully obtained certification in occupational health and safety management systems. Notably, in 2023, Genertec reported zero new cases of occupational disease.

In 2023
61 subsidiaries

obtained the occupational health and safety management system certification



Employees of Genertec Machine Tool Research Institute are undergoing physical examinations



The leader of Genertec visited needy employees of Genertec Dalian Machine Tool



Leaders of Genertec visited frontline medical workers at the Aerospace Center Hospital, affiliated with Genertec AMHT

Work-Life Balance

Genertec, a champion of a healthy and balanced lifestyle, organized a range of distinctive and popular sports activities, including table tennis and walkathons, as well as recreational events like galas and Lantern Festival celebrations. These activities are designed to help employees achieve a harmonious balance between work and personal life, fostering relaxation and enjoyment in a welcoming and cheerful workplace environment.



Genertec Machine Tool Research Institute hosted an Open Day for employees' families



Genertec Labour union launched an Open Day for employees' families



Shandong Electric Power Central Hospital, in collaboration with Genertec Guozhong Healthcare, organized an art performance



Genertec Capital organized a themed team building activity



Genertec International hosted the Women's Day activity



"Cool Summer" event at Genertec Kunming Machine Tool

The Development of Diverse Talent

Mapping Comprehensive Career Development Paths

Genertec has enhanced career development paths, guiding talent to thrive and achieve their professional aspirations.

We are dedicated to improving practical training for our managers, encouraging peer exchanges, and advancing reciprocal secondment programs. We oversee special assignments, including secondments and temporary transfers, to ensure the strategic development and effective utilization of our leadership talent.

We refine the allocation of institutional responsibilities, enhance our workforce structure, invigorate the talent pool at our headquarters, and build a highly empowered and efficient central office.

We have established the "Genertec 300", a network of exceptional young leaders. This initiative standardizes the processes for daily identification, continuous development, timely deployment, and rigorous management of these young talents.

We are intensifying our efforts to cultivate young managers. Outstanding individuals will be selected to participate in the second phase of the "Indigo Blue Program," specifically in the training session for mid-level and young cadres. Additionally, we selected 13 individuals for reciprocal secondment to enhance their practical experience.

We are intensifying our efforts to develop a robust policy framework for technical talent by strengthening the "1+2+N" tech talent policy system and implementing the "Sailing System" for tech talent management.

We advance the development of national engineering master's and doctoral students. In collaboration with leading universities, we are dedicated to training young tech talents and outstanding engineers.

Through the implementation of a specialized trainee initiative, we aim to nurture a robust reserve of key technical talents.

Manager
Team



Young
Talent
Team



High-
Quality
Talent
Team



Genertec has developed a "1+N" core curriculum system encompassing more than 120 training programs across 18 modules. The system focuses on enhancing six key capabilities. As part of the "Genertec Blue Program" Talent Echelon Cultivation System, we offer specialized training programs tailored to senior executives, young cadres, and new employees. In 2023, the group organized 13 sessions covering 10 major training programs. Additionally, around 30 individuals were selected to attend training programs organized by higher authorities, approximately 80 individuals participated in external training programs, and 12,000 individuals participated in various training activities.

Establishing Comprehensive Training Systems



Deep Blue
Program

Training program
for industry leaders,
heads of leadership
teams and senior
executives

Azure Blue
Program

Accelerated
development
program for
industry leaders
and future
executives

Indigo Blue
Program

Accelerated
development
program for
outstanding young
managers

Cradle
Program

Onboarding
training program
for newly recruited
employees



"Indigo Blue Program" in 2023 (Phase 2)
Genertec held a training course for young and middle-aged cadres of the



Genertec Capital organized financial policy training

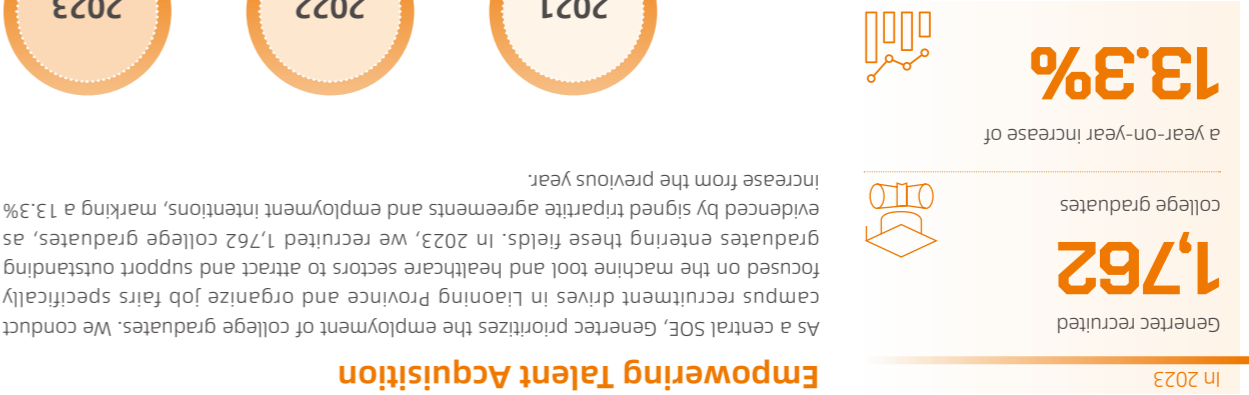


Genertec Advanced Materials initiated the "Elite Program"

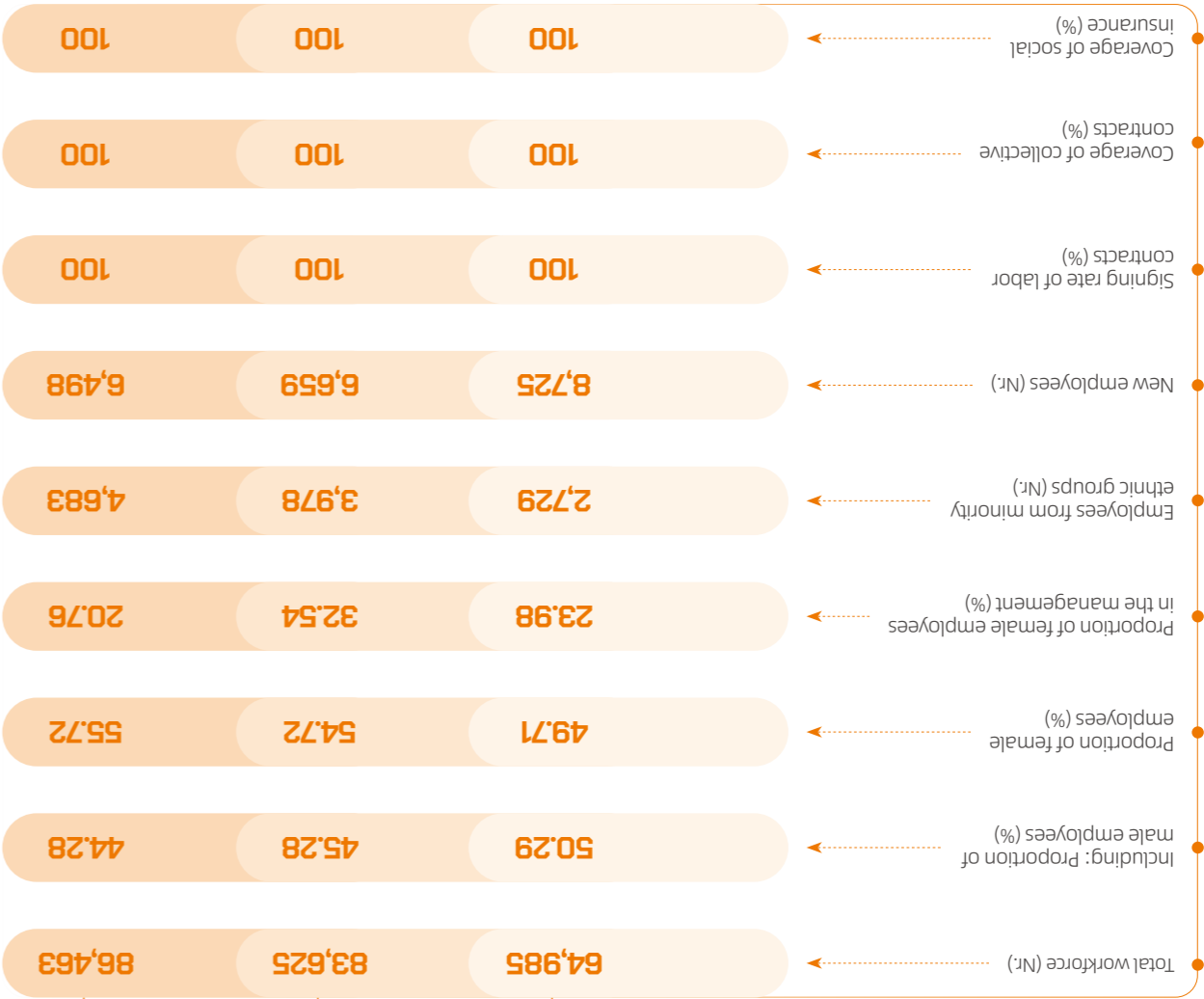


Genertec Xinxing launched Rising Star Program for new employees

Employees' Rights and Interests



Empowering Talent Acquisition



Genertec held the second meeting of the Third Staff Congress



Genertec Dalian Machine Tool carried out 12 lunch meetings on the "reception day by leaders" throughout the year

Commitment to Fair Employment Practices

Genertec strictly adheres to the Labor Law and Labor Contract Law of the People's Republic of China, as well as other relevant laws and regulations. The group is committed to principles of fairness and equality in employment, firmly opposing all forms of discrimination based on gender, age, citizenship, ethnic group, religious belief, skin color, language, place of residence, or any other factor. We are dedicated to fostering a fair and merit-based recruitment environment, respecting and protecting employee privacy, and firmly opposing illegal practices such as child labor, forced labor, workplace harassment, and bullying. In 2023, the group did not engage in any unlawful or irregular activities, including child labor, forced labor, or discrimination. Our commitment has been recognized with several prestigious awards, including the 2023 Outstanding Employer in Human Resource Management, the 2023 China Model Employer, the 2023 Excellent Employer Brand, and the 2023 China Talent Management Culture Model Award.

Compensation and Welfare Systems

Genertec has established a comprehensive, market-oriented compensation distribution mechanism and welfare system. We have developed the incentive Measures for Further Boosting Genertec's Technology and Innovation and revised the Regulations on Remuneration Management for Leaders of Second-Level Subsidiaries. These measures offer substantial financial support to teams making breakthroughs in key and core technologies. Additionally, we have enhanced our assessment and incentive systems for key groups by introducing awards for reform and innovation, collaboration, and other accolades. We also ensure the protection of all legitimate employee benefits, prompt and full payment of social insurance contributions, and adherence to national regulations regarding working hours, statutory holidays, and paid annual leave.

Democratic Participation in Management

Genertec has developed the Methods of Work for Trade Unions and Measures for Implementing the Workers' Congress to enhance and strengthen the democratic management system, with the Workers' Congress as the fundamental structure. We have introduced various initiatives, including leader reception days, democratic forums, employee voice columns, and bulletins on factory-related matters. Additionally, we organize symposiums for female and young employees to gather their input and ensure their voices are heard. With these efforts, we seek employee feedback and ensure their rights to information and participation are protected.

04

Building Development Platforms, Helping Employees Grow

Employees are invaluable assets to a company and serve as the foundation for its development. Genertec follows a "people-oriented" approach, respecting and caring for every employee while creating a pleasant and comfortable work environment that fosters mutual respect and trust. It also prioritizes employees' career growth, physical and mental well-being, and family happiness. Moreover, it shares the benefits of its success with all employees, ensuring that both employees and the company work towards shared growth and achievements.

SDGs



Employees' Rights and
Interests

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The Development of Diverse
Talent

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A Supportive and Nurturing
Environment

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Laying a Green Foundation for Boosting Green and Low-carbon Manufacturing in the Chemical Fiber Industry



The textile industry is the second-largest polluter after petrochemicals, with printing and dyeing accounting for 36% of its total carbon emissions. Recently, the use of dope-dyed polyester in textile processing has eliminated the need for printing and dyeing, significantly reducing carbon emissions. Gentec CTA, in collaboration with Sinopec and local companies, launched the "High-quality Dope-dyed Polyester In-Situ Continuous Polymerization Technology Application" project. In 2023, the world's first in-situ polymerized dyed fiber production line, with an annual capacity of 100,000 tons, was successfully put into operation, marking the industrialization of a technology developed over seven years.

Gentec CTA, affiliated with Gentec Advanced Materials, commenced the construction of a 55,000m³/h exhaust gas treatment facility to dispose of organic exhaust gas produced from drying and coating in the workshop.



Gentec has published China's first Technical Standard for Green and Low-Carbon Energy Use in Hospitals, which provides guidance for optimizing energy consumption indicators in hospital performance assessments. Gentec PTAC has also contributed to several national standards, including the Guidelines for Operation of Green Exhibitions (GB/T 42496-2023), Guidelines for Evaluation of Green Booths (GB/T 41129-2021), and Basic Requirements for Modular Exhibition and Presentation Systems (GB/T 43213-2023). These standards offer direction for standardizing green operations and promoting sustainability within the exhibition and conference industry.

Establishing Green Standards

Expanding Capacities in Green Manufacturing

In line with the standards of "intensive factory, hazard-free raw materials, clean production, recycled waste, and low-carbon energy," Gentec has been recognized as a model green factory, guiding green development.



Gentec CNTIC Helps Preserve the Beauty of Nature in the "Sapphire of East Asia"

In January 2023, the Hebei Hengshui Lake Wetland Conservation and Restoration Project was completed. This initiative is one of five Sino-German projects funded by KfW that focus on biodiversity and the conservation of natural resources. Over the seven years since the project's launch, Gentec CNTIC has successfully executed 57 sub-projects, leading to significant improvements in the local ecological environment.

Championing Biodiversity Conservation

Gentec is committed to ecological priorities and green development. The company promotes the growth of various industries while focusing on minimizing the impact of pollutants on the environment. Its goal is to protect our planet, ensuring crystal-clear skies and pristine waters.



Bangladesh Strajganj Project of Gentec International caused no damage on local animals and plants

Awards for Green Manufacturing in 2023 (non-exhaustive)

◆ Gentec Machine Tool was awarded the title of China's Top Runner for Industrial Carbon Peaking 2023 at the Chinese Industry Carbon Peaking Forum 2023.

◆ Gentec Shenyang Machine Tool and Gentec Meheco Sanyang Pharma were awarded the title of national Green Factory, Gentec SMTCL and Gentec Dalian Machine Tool were awarded the title of Green Factory in Liaoning Province.

◆ Gentec SMTCL had 3 products awarded Green Design Product in Liaoning Province.

◆ Gentec CHTF, affiliated with Gentec Advanced Materials, was awarded the title of Hazard-Free Enterprise in Zhejiang Province, and Gentec Meheco Sanyang Pharma was awarded the title of Hazard-Free Pharmaceutical Company in Haikou City.

◆ The Lyocell fiber product delivered by Gentec CTACELL, affiliated with Gentec Advanced Materials, has been certified as a carbon-neutral product.

◆ Gentec Meheco Topfend Pharma was awarded the title of Advanced Enterprise in Green Development in Henan Province. The company also evaluated the carbon footprints of three products—spiramycin, lincomycin hydrochloride, and metformin hydrochloride sustained-release tablets—strengthening lifecycle carbon footprint management.



Gentec Shenyang Machine Tool was awarded the title of national Green Factory



Gentec CHTF, affiliated with Gentec Advanced Materials, was certified Waste-free Factory

Green Environment Management



Green Manufacturing

Genetec focuses on efficient and intensive utilization of energy resources and green and low-carbon development and fosters sustainable production and lifestyles.

Raising the Bar for Pollution Management

Genetec is increasing its investment in environmental infrastructure, with a total investment of approximately 195 million RMB dedicated to enhancing pollution management capabilities and eliminating sudden environmental incidents. Genetec Shenyang Machine Tool and Genetec Dalian Machine Tool have significantly reduced volatile organic compound (VOC) emissions by switching from solvent-based to water-based paint production technology. An affiliate of Genetec Advanced Materials has completed the application and registration for radioactive isotope and radiation safety permits. Additionally, Genetec Meheco Sanyang Pharma has optimized and retrofitted its sewage treatment system to meet advanced domestic standards for controlling key pollutants.

Exploring Innovative Paths Toward Green Operations

Genetec is intensifying its efforts to promote eco-civilization and education while practicing green office initiatives. It advocates for the conservation of water, energy, electricity, and paper and supports green and low-carbon transportation. It also conducts environmental protection campaigns and tree-planting activities. Over 500 energy-saving and environmental protection managers have participated in low-carbon environmental protection training and annual energy-saving programs, boosting their professional capabilities.

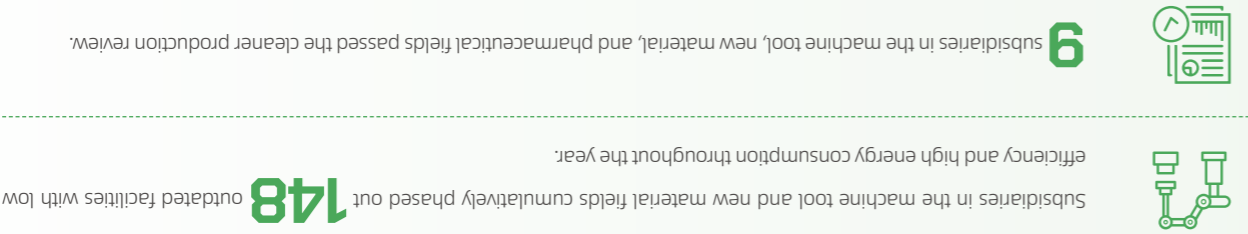
Low-Carbon and Eco-Friendly Operations

Genetec steadfastly promotes the green transformation of industries and the industrialization of green industries, accelerating the shaping of green and low-carbon development patterns.

Transforming Industries for a Greener Future

Genetec is actively advancing the green transformation of industries, in line with the national "dual carbon" goals. We are driving industrial transformation and upgrading by accelerating the shift from traditional production methods and eliminating outdated and inefficient capacities. Our enhancements to the energy conservation and environmental protection management systems have solidified our commitment and elevated our operational standards. Strengthened management of waste disposal (solid, liquid, and gas) has enabled comprehensive resource conservation and recycling, while the widespread adoption of clean production methods and energy sources has furthered our progress in digitizing, innovating, and promoting green practices in equipment manufacturing and pharmaceutical production. In the medical and healthcare sectors, we are setting new benchmarks for green services by pioneering the implementation of technical standards for green energy use. Additionally, in engineering construction, we are committed to green development throughout the entire process, championing sustainable practices and environmental stewardship.

Achievements of Industry Green Transformation in 2023



Embracing Green Development, Building a Low-carbon Society

Green development is crucial for constructing an ecological civilization, as a healthy ecological environment provides the most inclusive benefits for people's well-being. Genertec is dedicated to achieving peak carbon emissions and carbon neutrality, making continuous progress in environmental management system development, green industrialization, and biodiversity protection. Committed to a sustainable development path that emphasizes ecological conservation and environmental friendliness, it aims to be a leading advocate and contributor to green development.

SDGs



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Green Environmental
Management

54

Green
Manufacturing

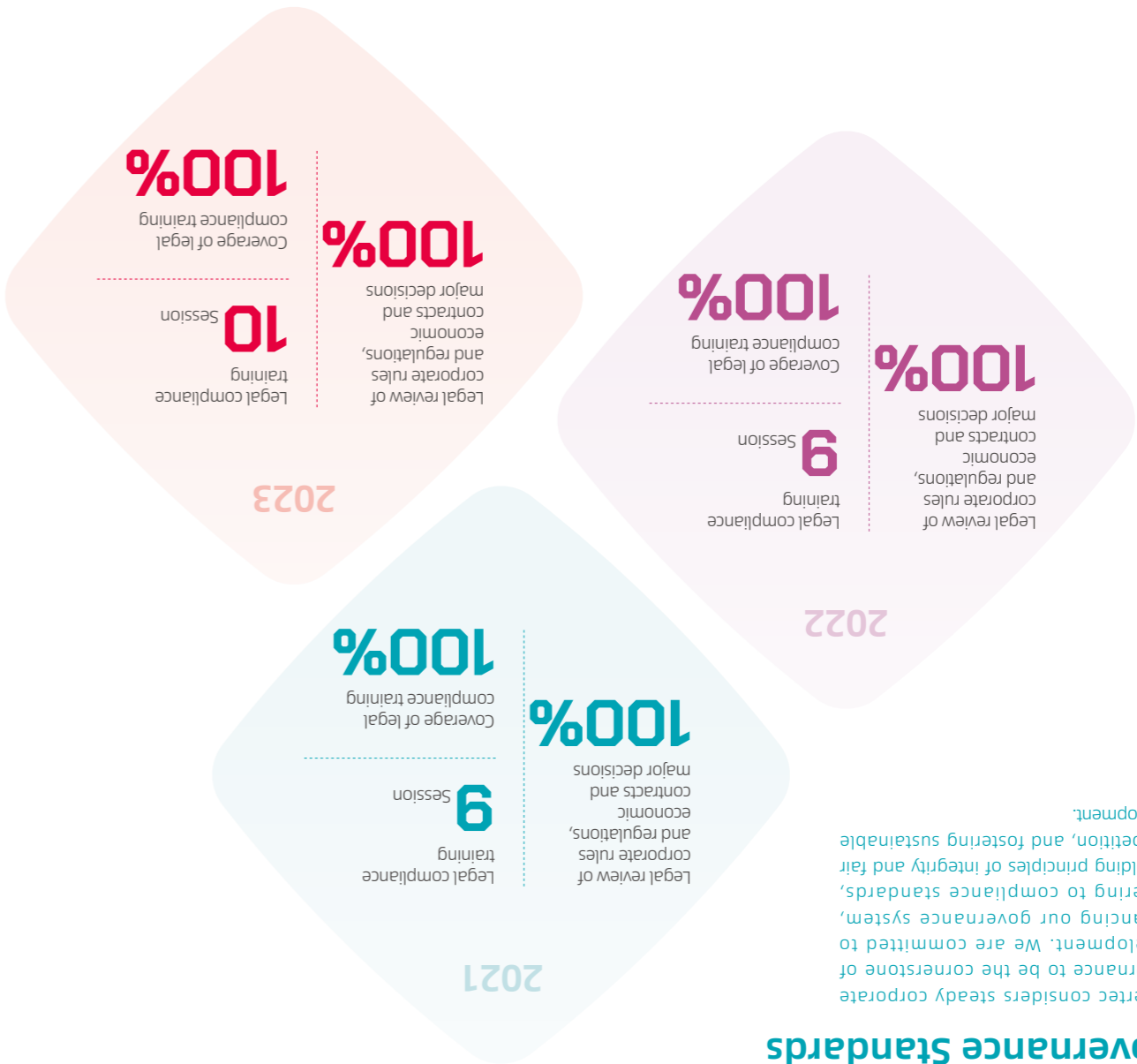
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Low-Carbon and Eco-
Friendly Operations



Pursuing Excellence, Enhancing Governance Standards

Genertec considers steady corporate governance to be the cornerstone of development. We are committed to enhancing our governance system, adhering to compliance standards, upholding principles of integrity and fair competition, and fostering sustainable development.



Genertec International Standardizes Board of Directors Construction and Achieves Efficient Operation



Genertec International prioritizes efficient operations as the core principle in structuring its board of directors, aiming to enhance the quality and effectiveness of board activities comprehensively. Over the past year, the board has held nine meetings and reviewed 45 proposals. Additionally, the board's special committees convened 14 times to address 19 matters related to Genertec International's development strategy, major investment projects, risk management, tenure system, contractual arrangements, and senior executive appointments and exemptions. These efforts fully leverage the board's crucial role in setting strategy, making decisions, and managing risks.

Genertec International focuses on delivering high-quality and high-standard research to provide comprehensive information and decision-making support for external directors and supervisors. The company has actively organized field investigations for directors and supervisors in key business units, including energy and vehicle companies, and conducted specialized investigations on high-priority projects for the group. Notable examples include the Xiamen BRICS Innovation Base headquarters project and the Myanmar project risk mitigation efforts. Genertec International has supported external directors and supervisors in completing the group's annual research projects. The study titled "Research on the Innovation and Development of the Vehicle Business Section of International Companies" received the second prize in the project research report category for the group's full-time directors and supervisors in 2023.

Genertec International seamlessly integrates the roles and responsibilities of external directors and supervisors with the company's key annual initiatives, ensuring strict adherence to performance assurance requirements. By aligning the research plans of the company's leadership team with those of external directors and supervisors and advancing these efforts in tandem, we promote a unified approach to addressing major reform and development issues across the organization. We have enhanced support services and decision-making information for the group's appointed directors and supervisors, empowering their roles through digital applications.

Ensuring Legal and Regulatory Compliance in Business Operations

Genertec has intensified its efforts to systematically strengthen legal governance in alignment with the rule of law goals outlined in the 14th Five-Year Plan. We have meticulously implemented each legal governance task, including conducting specialized surveys on the rule of law across more than ten subsidiaries, organizing annual legal audits, and ensuring prompt corrective actions. We continuously assess the effectiveness of our compliance management system, enhancing protocols in key fields and procedures and reinforcing overseas compliance management. By developing the Handbook of Integrity and Compliance and the Initiative of Compliance and Commitment of the Management to Compliance, we foster a culture of compliance and host various training sessions and activities to promote legal awareness. Through our whistle-blowing platform, the group received and processed 15 reports of violations. Notably, in 2023, the group did not experience any corruption-related litigation incidents.

Strengthening Internal Risk Control

To continuously enhance the Internal Risk Control System, Genertec has required second-level companies to develop and update their internal control manuals. This includes defining the operational rules for the leading risk management organization, establishing a negative list for business activities, and creating a risk classification framework. Through annual major risk assessments, we identified seven major risks and established specific responsibilities and measures for risk control, ensuring dynamic monitoring and prompt responses. By focusing on business operational risks, we have strengthened process controls over key operations and critical procedures.

Tightening Audit and Supervision

Focusing on the goal of "establishing a centralized, unified, comprehensive, authoritative, and efficient audit and supervision system," Genertec has utilized the institutional advantage of "unified leadership by the party group" to further reform its audit system. The establishment of four audit branch centers has extended audit functions to all second-level companies. The enhanced synergy and efficiency in system optimization, decision implementation, resource integration, and project management ensure internal audit development.

Party committees of 65 firms within the group have established lists of powers and duties for decision-making on major issues (including pre-approval lists). Similarly, the party committees of 50 hospitals have developed lists of powers and responsibilities for decision-making on major issues, important appointments and removals, major projects, and the use of significant funds. They are making steady progress in implementing the hospital director's responsibility system under the leadership of the party committee. Second-level units have reviewed and approved investments totaling 4.1 billion RMB, which represents 23% of the total investment. This 15% year-on-year increase indicates that the delegation of approval authority is yielding significant positive results.

accordance with the law.

the functions of independent directors. Moreover, we support the listed companies under the group to safeguard shareholders' rights and interests in background, and professional experience and skills. In addition, we improve the regulations governing the board of directors and committees, fully leveraging of directors and senior executives in accordance with the Articles of Association. We also consider factors such as gender, age, cultural and educational systems of each decision-making body. We continuously optimize the composition of the board of directors, standardizing the election and appointment major issues, significant appointments and removals, major projects, and substantial financial matters. This system relies on the working rules and authorization Genertec has established a corporate governance institutional system centered on its articles of incorporation, linking decision-making processes related to

Consolidating Corporate Governance



China Cyberspace Magazine has published an article by Yu Xubo, titled "Innovating Digital Enterprises, Building Intelligent Industries, and Promoting High-quality Development through Digital Transformation."



The Information Technology Branch of the Chinese Association of Certified Public Accountants and Gentec jointly hosted the "Building Intelligent Finance, and Building Digital Central Enterprises - Entering Gentec" exchange activity

Exploring Breakthroughs in Industrial Digitalization

By deeply integrating digital technology into production and operations, we aim to make the first stage of our digital transformation characterized by intensity and integration. This initiative will drive the transformation and upgrading of traditional industries toward digitalization, intelligence, and sustainable practices.



By completing the pilot project for developing an integrated operation platform for machine tools, we have achieved initial coverage of integrated operation management features. We are focusing on integrating digital technology with the machine tool industry and developing innovations in intelligent workshops, manufacturing units, and digital products. Our goal is to explore intelligent manufacturing solutions tailored to various scenarios.



We have created a smart and digital industry platform that integrates management, control, scientific research, and marketing.



We have developed the Gentec Master Plan for the Digital Development of the Healthcare Industry. This plan guides the promotion of a digital healthcare platform and the creation of a new, people-oriented lifecycle healthcare service ecosystem. We have established a unified and centralized platform for pharmaceutical regulation, industrial manufacturing, supply chain management, and innovation. Our efforts have been intensified in developing medical operation management data, coordination and sharing platforms, and a group-level image diagnosis capabilities. These initiatives aim to enhance image diagnosis capabilities and improve patient experience at primary hospitals.



Gentec at the 7th World Intelligence Congress (WIC)



In May 2023, the 7th World Intelligence Congress (WIC) was held in Tianjin under the theme "Intelligence: Extensive Development Space, Sustainable Growth Driver." With the banner "Tech-based Development and Innovation-driven Future," Gentec showcased its latest achievements in high-standard technological self-reliance. They included digital and intelligent innovations such as the intelligent NEV motor shaft machining program, advanced CNC machining equipment, nanometer time grating products, and a data-driven AIOT production collaboration platform for machine tools.



Overall planning on intelligent machine tool industry



Introducing the GT-IWOP healthcare digital technology platform, exploring comprehensive lifecycle medical and healthcare services



In June 2023, the 31st PT Expo China kicked off. Hosted by Gentec PTAC, the exhibition showcased the ICT industry's achievements in 5G technology innovation, key technology R&D, and the digital transformation of industries

Ensuring Information Security

We have been progressing with the development of a "1+3" cybersecurity system in a cohesive manner. We published the "Measures for Management of Information Security in Cyberspace" and the "Emergency Response Plan for Security Incidents." We also conducted a comprehensive assessment of cybersecurity risks and vulnerabilities across all levels of the group, ensuring that corrective measures were promptly implemented. Additionally, we conducted cybersecurity law enforcement inspections and reinforced the establishment of our digital governance system.

1 major project

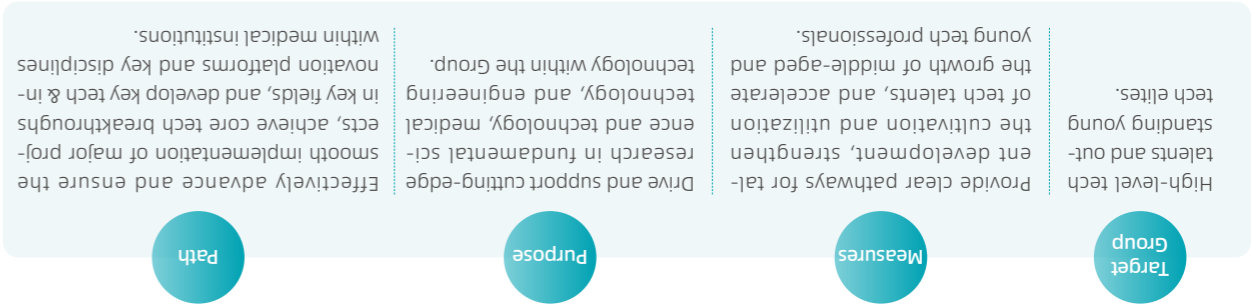
3 special projects

- Cybersecurity attack and defense exercise
- Cybersecurity safeguarding for major events
- (Industry-wide) Inspection on the implementation of the cybersecurity law
- Intrinsic cybersecurity capability enhancement project

Scaling Up the Development of Tech Professionals



"Sailing System" for Management of Tech Talents



Streamlining the Commercial Path for Science and Technology Innovations

Two achievements of the group won the Second Prize of the National Sci-Tech Progress Award.

Nine machine tool achievements of the group won the 2023 China Machinery Industry Science and Technology Awards, including one first prize and four second prizes.

Six advanced materials achievements of the group won the second prize of the 2023 China National Textile and Apparel Council Scientific and Technological Progress Award.

Genertec Tianduan was listed among the 2023 National Intellectual Property Demonstration Enterprises.

The group awarded 27 scientific and technological achievements and 9 outstanding tech talents in the 2023 selection of awards for science and technology.

Affiliates specializing in machine tools and trade won one first prize and two excellence prizes, respectively, in the BRICS Industrial Innovation Contest.

Two achievements of the group won the Second Prize of the National Sci-Tech Progress Award. Genertec had 12 achievements selected for inclusion in the Catalogue of Recommended Scientific and Technological Innovation Achievements of the SASAC, ranking third among all central SOEs. Additionally, the "High-precision CNC Helical Bevel Gear Machining and Testing Complete Technology" initiated by the group, was listed among the 36 fields of demonstration application in the 2023 List of Key Products and Processes for the "Integrated" Application Demonstration Direction and Promotion Organizations, jointly issued by the SASAC and the Ministry of Industry and Information Technology.

Forging New Paradigms in Digital Transformation

Genertec is actively exploring breakthroughs in digital innovation. We have established numerous digital workshops and production lines and developed several advanced technology platforms, notably represented by "Smart Genertec." This approach signifies a unique path toward empowering high-quality development through digital transformation.

Achieving First-Class Status in Central SOEs in Digital Governance

Genertec has developed an organic, integrated digital management and control system, establishing the "Smart Genertec" platform from scratch. This platform forms a complete digital closed-loop management system tailored to the strategic needs of the group. In the first phase of the SASAC-organized digital and intelligent promotion campaign, Genertec was recognized as "excellent," setting a benchmark for digital advancement among central SOEs. We are actively sharing our latest digital transformation experiences with the broader society, contributing to the integration of the real economy and the development of the digital economy.



Genertec Digital Intelligence Technology Co., Ltd. was awarded the 2023 Bench marking Enterprise in Digital Practice



Several innovation projects were honored Outstanding/Excellent "Innovation-driven Application" in the (2023) ICT China Innovation Project Awards



Two digital innovation scenario-based first Digital Scenario-based Innovation SOE Cloud", won second prize and third prize at the applications, namely "GT-People" and "Partner Competition hosted by SASAC



Two digital innovation scenario-based first Digital Scenario-based Innovation SOE Cloud", won second prize and third prize at the applications, namely "GT-People" and "Partner Competition hosted by SASAC

Foster Innovative Development with Self-Reliance and Self-Strengthening

Gentec has implemented President Xi Jinping's key instructions on accelerating efforts to achieve self-reliance and self-strengthening in science and technology. As a result, it has supported the innovation-driven development strategy. By advancing new quality productive forces, we play a pivotal role in scientific and technological innovation, industrial control, and security support. Our contributions are integral to building a modern industrial system and shaping a new development pattern. In recognition of these efforts, Gentec was rated as an Excellent Enterprise in Sci-Tech Innovation among Central SOEs by the SASAC in 2023.

Advancing the Construction of a Technological Innovation System

Gentec has strategically developed technological innovation systems across key industries, including machine tools, new materials, pharmaceuticals, medical devices, healthcare, architecture, trade, media convergence, and international engineering. Our goal is to achieve 100% coverage with these systems, having formulated and updated over 100 technology management frameworks. We emphasize enhancing the role of researchers as the primary drivers of innovation and are committed to continually increasing investment in research and development.

100+ technology management systems were formulated and revised



Machine Tools

A systematic research and development mechanism has been established. The General Institute is responsible for basic and common technology research, overall design technology, and strategic product development. Local research institutes focus on product development and engineering, while manufacturing enterprises technology centers focus on product improvement and process technology research.

A three-tiered R&D system is taking shape, consisting of the Gentec Academy of Machine Tool Engineering, 7 local research institutes, and 8 enterprise technology centers. This system is supported by a scientific research team with 1,600 employees.



New Materials

By integrating scientific research and industry management, and leveraging three national innovation platforms, we have established a new R&D system focused on bio-based fibers, synthetic fibers, fiber-based composites, and other fields where we have a competitive advantage.



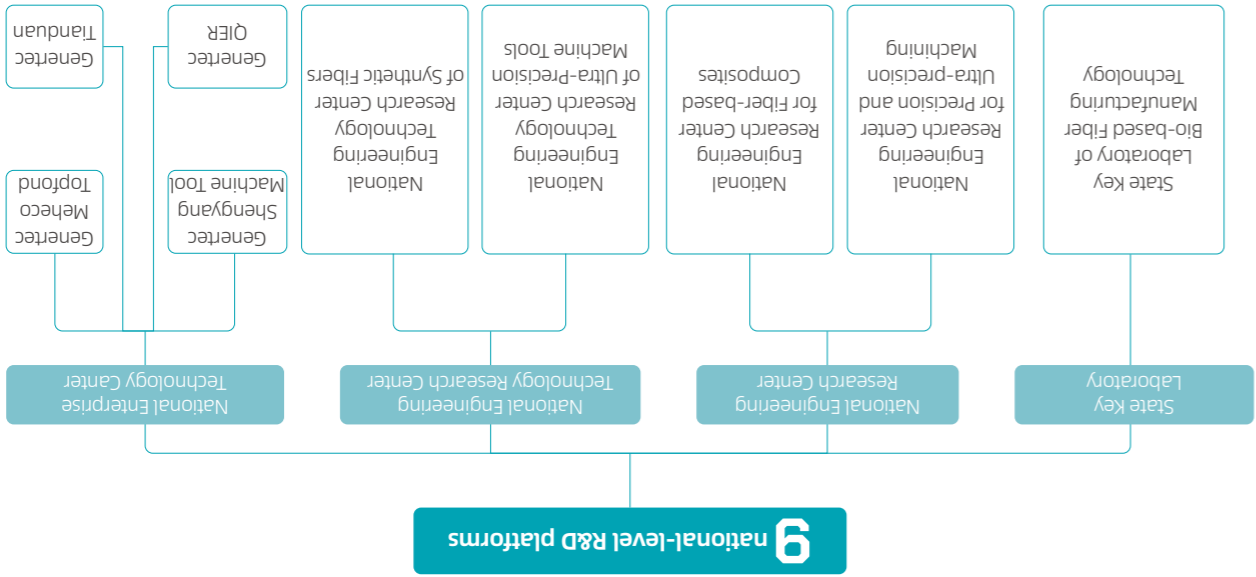
Pharmaceuticals

Focusing on areas such as active pharmaceutical ingredients (API), pharmaceutical chemicals, biopharmaceuticals, natural medicine, medical equipment, and healthcare, we have developed an innovative "1+M+N" technology system.

Igniting Advanced Technologies and Innovations

Forging a Leading-Edge Platform for Technological Innovation

We are advancing the development of both national and group-level tech and innovation platforms with high standards and quality, positioning the group-level platforms as "incubators" for nurturing the national-level platforms. Currently, we operate nine national R&D platforms, including state key laboratories, national engineering research centers, national engineering technology research centers, and national enterprise technology centers. In addition, we have established four group-level tech and innovation centers focused on pharmaceuticals, media convergence, green mining, and digital construction. We are also in the process of establishing a group-level clinical medical research center specializing in respiratory diseases.



Driving Breakthroughs in Core Technologies

Gentec has integrated into the national system for technological breakthroughs, successfully completing several major tasks and ensuring 100% coverage of the group's key scientific and technological projects. In 2023, we secured approval for 13 new national projects and had 28 national projects actively underway. All ongoing major projects achieved significant milestones and met their designated objectives as planned.

We promote high-quality industry-university-research collaboration through integrated innovation. This involves establishing a joint institute with Xi'an Jiaotong University and a joint laboratory with Nanjing University of Aeronautics and Astronautics. Additionally, we have engaged in collaborative efforts with 44 central SOEs, prestigious universities, research institutes, and industry partners across the supply chain to advance core technologies in key fields.



From "Smart Transformation" to "Qualitative Change" - Exploring a New Model for Commercializing Medical and Engineering Integration Achievements



Since the introduction of the orthopedic robot at Aerospace Center Hospital, affiliated with Gentec AMHT, the hospital has been actively engaged in clinical applications and research under the "robot+" framework. This initiative focuses on enhancing and refining robotic surgery planning, pioneering new surgical techniques, designing complementary devices, and filing patent applications. The hospital's trauma orthopedics team has successfully tackled challenges in the minimally invasive treatment of pelvic fractures in elderly patients using the orthopedic surgical robot. They have achieved positive outcomes and recovery for several elderly patients, including one as old as 96. This approach has effectively demonstrated the benefits of "early operation, early mobilization, and early recovery."

Strengthening Industry-Wide Brand Recognition

Diversifying the Brand Portfolio

Focusing on our main business, we have accelerated brand development in key sectors, establishing a synergistic structure where parent and subsidiary brands complement each other with distinct focuses. This initiative has led to the creation of a range of unique product and service brands, each with promising growth potential.

The Genertec machine tool division is focusing on "Specialty, Sophistication, Uniqueness, and Novelty" to develop its product brand. It continues to advance the high-end, intelligent, and eco-friendly transformation of its machine tool products.

Genertec PTAC is expediting the development of its core competencies within the "people-vehicle-house" ecosystem. As a manufacturer of intelligent terminals, it is actively building premium smartphone brands such as "Hi Nova."

Genertec CNIC leverages its strengths in smart media convergence within the broad-olence as Core & Central SOE Quality" under the brand "Genertec Health." It aims to channel high-quality medical resources toward lower-level hospitals. It is also involved in large-scale brand projects such as "GENERTEC CLIN-ICS" and the "Genertec Healthcare Walkathon."

The Genertec medical division is creating an image of "Benevolence as Core & Central SOE Quality" under the brand "Genertec Health." It aims to channel high-quality medical resources toward lower-level hospitals. It is also involved in large-scale brand projects such as "GENERTEC CLIN-ICS" and the "Genertec Healthcare Walkathon."



Variegating Brand Marketing Strategies

By combining main products and services, Genertec has explored vertical markets across various fields, conducted diverse brand activities, and pursued opportunities for brand cooperation.



Increasing Brand Influence through Communication

Launching Brand Events. Genertec utilized China Brand Day to host the 2023 Genertec Brand Week series. This initiative featured the introduction of group brand ambassadors, the recognition of exemplary brand cases and outstanding brand narratives, and brand-building training sessions conducted by professional agencies and renowned experts.



In May 2023, the first "Genertec Brand Week" series of events was held both online and offline

Continuously Enhancing Brand Communication Efficiency. The group is enhancing its media presence across more than 600 accounts on more than 10 platforms, including Chinese and English websites, Wechat, Weibo, Douyin, Kuaishou, Wechat Channels, magazines, Facebook, and X. By leveraging these resource resources, the group is strengthening its collaboration with central mainstream media and key local media to jointly plan, produce, and disseminate multimedia products, thus establishing a cohesive communication framework both internally and externally. In 2023, the group was mentioned nearly 140,000 times by domestic and international mainstream media.

Expanding Global Brand Recognition

Tailoring strategies to local contexts, the group has formulated international and differentiated brand strategies to drive the global expansion of products, technologies, and standards. By adapting to new trends in international communication, we leverage external perspectives and media to broaden our international communication channels, shaping a diverse, global, and responsible image of Chinese enterprises.



Strategy Drives Development, Creating a Premier Brand

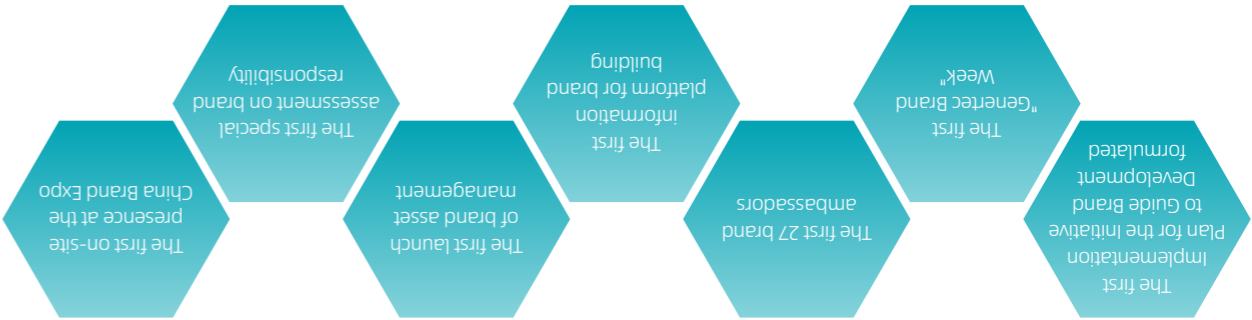
By studying and implementing President Xi Jinping's important instructions on branding and following the relevant arrangements and requirements of SASAC, Genertec has launched the "Year of Enhancement to Guide Brand Development" initiative and worked on the "Craftsmanship Brand Project" Through our strategy of building a strong enterprise brand, we have made breakthroughs in brand integration and informatization, greatly enhancing our brand influence. In 2023, the group invested 85.51 million RMB in brand building, achieving "seven firsts" in branding.

In 2023

85.51

million RMB was invested in brand building

In December 2023, Yu Xubo, Chairman of Genertec, attended the 2023 China Brand Forum and delivered a keynote speech titled Build a World-Class Brand through Transformation in Three Aspects



Participating in the 2023 China Brand Expo to Tell the Genertec Brand Story



In May 2023, the 7th China Brand Day was held in Shanghai, where Genertec made a notable appearance at the central SOEs pavilion. Genertec's digital twin system for machine tools particularly impressed visitors with its ability to map and replicate physical equipment in the digital realm. Additionally, the latest case of green manufacturing practice was showcased through plant dyeing experiences and a super ice film cooling test.

Strategic Brand Building

Genertec has developed the Implementation Plan for the Initiative to Guide Brand Development. This plan focuses on guiding brand development, enhancing brand management capabilities, reinforcing influence factors, accelerating international brand expansion, and optimizing pathways for creating distinctive brands. The goal is to enhance strategic brand coordination across all fronts. Genertec's 13 second-level units have established brand management committees or leading bodies to guide brand development. Additionally, 15 second-level units have created their own action plans for the initiative. By implementing a coordinated parent-subsidary brand architecture and adhering to the principle of "One Brand, One Voice" in communication, Genertec has achieved a unified and standardized brand image across offline settings, online platforms, publicity efforts, and media coverage. The brand slogan "Good Technology, Good Life" reflects the collective commitment of all Genertec employees.

Improving Brand Management Efficiency

We have designed and created an IT platform specifically for brand development. The platform features 12 sections, including brand events, brand interpretation, brand maps, brand ambassadors, brand publicity, and brand achievements. Its purpose is to disseminate superior directives, publish corporate regulations, and showcase notable achievements, thereby enhancing the effectiveness of our corporate brand communication.

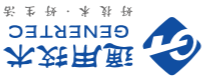


Through the integrated management of various brand resources across the group, we have established an initial database for brand asset management. This system allows for categorized management, precise presentation, efficient retrieval, and dynamic updates of brand assets.



Building on the successful registration of the "Genertec" trademark, we are now advancing the registration of Group trademarks internationally. We are strengthening the management of brand licensing for our established brands and trademarks to enhance the Group's brand influence. Additionally, we are intensifying our efforts to monitor and protect intellectual property rights, including daily surveillance of trademark infringements, to safeguard the Group's legitimate rights and interests.

Genertec has initiated the registration of **76** trademarks across **19** categories for **4** logos in Hong Kong



Winning by Quality, Creating Superior Products

With a deep commitment to quality, we have established measures to build a strong foundation for quality and launched the Quality Enhancement Year campaign. By elevating standards for products, services, and engineering quality, we have significantly advanced the group's high-quality development.

Shaping a Culture that Values Quality

During Quality Month, we launched the Initiative for Quality Enhancement and published the Quality Management Manual. We also formed quality teams and organized various quality-related activities, including quality management training. Multiple quality control (QC) and quality management teams within the group achieved remarkable results, securing international gold awards for the first time. In addition, we enforced strict measures against misleading or false advertising to promote aware awareness of overall quality and foster a positive quality culture. Units at all levels participated in the Total Quality Management Knowledge Contest of Central SOEs, involving more than 65,000 participants.

Improving Service Quality

Oriented towards customer and market demand, Gentec has persistently enhanced product and service quality.



Conducting customer satisfaction surveys in the machine tool sector to enhance the quality of products and services in key business areas, achieving a customer satisfaction rate of **99.7%**

The pass rate of one-time delivery of machine tools reached **99.9%**

99.05%

Focusing on green fiber and other key products, Gentec has improved the technical levels and raising the rate of high-class Lyocell fiber products to

99.05%

have won 16 provincial engineering quality, we driving forward medical quality management

16

By tightening up on quality control in engineering projects and standardizing engineering quality, we

16

Gentec has unveiled *Guidelines for Enhancing Quality of Medical Care*, which comes as an overall plan on enhancing medical quality management, driving forward medical quality management

16

Gentec has conducted special supervision of pharmaceutical manufacturers, provided relevant warning and educational initiatives on quality-related issues, urged pharmaceutical manufacturers to appoint Chief Quality Officers, and refined their quality management mechanisms.

28

Gentec has formulated Work Plan for the Quality Enhancement Year and engaged 15 second-level units in signing a letter of responsibility to meet quality targets, ensuring accountability for quality management at each level. In line with the requirements of SASAC and the State Administration of Market Regulation, we have developed Implementation Opinions to further tighten quality management and standardization, thereby enhancing quality management and standardization across all fields.

Imposing Tighter Quality Supervision

Through more stringent supervision and inspection of daily quality management activities, we have conducted more than 64 on-site quality work surveys and inspections across 53 units within the group. Additionally, we have intensified our supervision of quality management system certifications, conducting spot inspections on 4 units and assessing system certification agencies.

Focusing on quality management in the pharmaceutical production and construction sectors, Gentec has revised key regulations, such as *Measures for Investigation on Liability for Quality Accidents and the Measures for Classification and Hierarchical Management of Quality Risks*, among others. We have appointed "Chief Quality Officers" for 28 pharmaceutical companies and implemented a series of measures to identify and rectify risks and issues. Additionally, the Group has formed special task forces to oversee self-inspections and remedial actions across more than 250 ongoing construction projects and has conducted on-site inspections targeting 15 key and challenging projects.

Gentec Shenyang Machine Tool held Open Day events



In the machine tool sector, we have introduced the "first mover" service and implemented tiered service standards. We have also executed customer visit plans to engage deeply with frontline markets, offering comprehensive solutions to our clients. Additionally, we've initiated follow-up visits to uncover detailed customer needs and pain points, providing services such as machine tool maintenance and precision adjustments. In 2023, Gentec achieved significant improvements in service response rate, arrival rate, and completion rate.

In the medical and healthcare sector, we have improved our after-sales communication, and enhance our customer understanding, improve business matchmaking. These efforts aim to deepen customer understanding, improve business matchmaking. These efforts aim to deepen customer understanding, improve business

Improving Customer Service Quality

Gentec is dedicated to enhancing service and management mechanisms for key customers. We achieve this by hosting annual customer roadshows. These initiatives have established a robust platform for exchange. By focusing on critical needs from companies across various sectors, we have organized machine tool industry chain and customer supply and demand matchmaking events, as well as healthcare industry



Hebei Petro China Central Hospital, affiliated with Gentec Gem Flower Healthcare, won the Gold Award at the 48th International Convention on Quality Control Circles (ICQCC) for the RICUQC Team project

Gentec hosted specialized training sessions for Quality Enhancement Year, covering four sectors: equipment manufacturing, pharmaceutical and medical devices, healthcare, and engineering services



Accelerating High-quality Development, Striving to Become a World-class Enterprise

Sci-tech innovation serves as an inexhaustible driving force behind enterprise development, and brand culture plays a crucial role in supporting this growth. Genertec invests extensively in sci-tech innovation, laying a strong foundation for self-reliance. By focusing on brand building, Genertec positions itself as a world-class enterprise, placing equal emphasis on quality and service. This approach ensures customer satisfaction and recognition through the delivery of high-quality products, while also striving to cultivate a positive reputation and brand image.

SDGs



Winning by Quality,
Creating Superior
Products

Strategy Drives
Development, Creating
a Premier Brand

Fostering Innovative
Development with
Self-Reliance and Self-
Strengthening

Pursuing Excellence,
Enhancing
Governance
Standards

38

40

44

50



Deepening International Collaboration & Exchange

Gentec develops international industrial cooperation platforms, enterprise exchange platforms, and policy support platforms, continually expanding its partnerships under the Belt and Road Initiative. Gentec's leaders have engaged in high-level dialogues, participated in working discussions between the National People's Congress and Thailand's Upper House, and made their voices heard at numerous bilateral and multilateral diplomatic events. These include the China-Central Asia Summit, the Summer Davos Forum, the China Forum on China-Africa Economic and Trade Relations, and the China International Import Expo, thereby enhancing Gentec's international influence.



Gentec at "BRICS Time"

Gentec has implemented Chinese President Xi Jinping's key instruction on BRICS cooperation and the new industrial revolution partnership. As a Chinese member of the BRICS Business Council, the group has participated in major events such as the BRICS Business Forum and BRICS Business Council meetings. Additionally, as the leading Chinese entity within the BRICS Business Council's trade and investment working group, Gentec has worked with business partners to engage in in-depth discussions on eliminating trade barriers and fostering practical cooperation among BRICS countries, providing valuable advice and suggestions. Moreover, as both a participant and a chairing unit, Gentec has advanced the operational success of the Xiamen Industrial Innovation Conference of the Industrial Innovation Alliance of the BRICS Member Representative Conference of the Xiamen Industrial Innovation Center and the First BRICS PartNIR Innovation Center Entrepreneurs Forum, thereby promoting policy exchanges, talent development, and project cooperation among BRICS nations.



In November 2023, Gentec participated in the 2023 BRICS Forum on Partnership on New Industrial Revolution



In May 2023, Gentec participated in the China-Central Asia Summit



In June 2023, Gentec participated in the Third China-Africa Economic and Trade Expo

Strengthening Compliance Management in Overseas Operations

During the construction of international projects, Gentec strictly adheres to local laws and regulations, respects local customs, and focuses on enhancing the risk control system for international business. We clearly define key risk prevention and resolution points for overseas operations and establish a coordination mechanism for risk management in international projects. Additionally, we conduct compliance training, appoint compliance administrators, and incorporate them into the approval processes. This approach ensures the implementation of our policies and improves the group's compliance management standards for global operations.

Fulfilling Global Responsibilities

Gentec upholds the principles of "extensive consultation, joint contribution, and shared benefits." It also fully integrates into the local communities where it operates through localized operations, procurement, and employment, as well as education and medical donations. Gentec embraces its responsibilities as a global corporate citizen, fostering mutually beneficial cooperation and harmonious coexistence.

- Gentec ensured that the main production equipment and materials were purchased locally in Bangladesh.
- During the construction phase, the project created approximately **8,400** employment opportunities and provided vocational skills training to around **6,300** individuals.
- Gentec established Bangladesh-China Technical Institute and donated **25** million BDT to build a high school teaching building, and provided computers and teaching equipment to **9** local schools.
- For every kWh of electricity the project generated, BDT **0.03** was donated to the country's social development fund, accumulating BDT **260** million annually for infrastructure development.

Gentec has completed the Safe City project to enhance safety and security in major cities, reduce crime rates and traffic accidents, improve the business environment, and promote local economic development.

Gentec employed nearly **3,000** local staff during the peak period of a road project. Gentec exclusively operates "JD.COM at Kazakhstan".

Gentec has signed a contract for the **300,000** m³ Seawater Desalination Plant Project in Oran, significantly improving the water supply situation for local residents.

Gentec has increased the proportion of local employees among the total workforce, provided practical skill training, and improved the technical level of the employees.



Medical Services to Promote the Development of a Healthy Belt and Road


Gentec Gem Flower Healthcare has provided medical services to 51 countries and regions, including Türkiye and the UAE, through both on-site and remote diagnosis and treatment. In Niger and Congo, our professional teams have been deployed multiple times to support local medical advancements. Additionally, in Belarus and Kazakhstan, Gentec Gem Flower Healthcare has actively expanded cooperation in medical education and traditional Chinese medicine with local institutions.

Acupuncture in Africa: Attracting Fans with Traditional Chinese Medicine




On March 10, 2023, Dr. Lu Yi from the Traditional Chinese Medicine Rehabilitation Department at Pan'gang Group General Hospital, affiliated with Gentec Universal Medical, began a one-and-a-half-year medical aid mission as part of the 18th batch of medical teams for São Tomé and Príncipe. At the Saint Catalina New Hope kindergarten, Dr. Lu conducted health check-ups for local children and used acupuncture to treat various illnesses, alleviating their suffering.

Deepening Cooperation in Green Development



84MW Iovik Wind Power Project in Bosnia and Herzegovina by Gentec CNTIC




Located in the West Bosnia region of the Federation of Bosnia and Herzegovina, the Iovik Wind Power Project, constructed by Gentec CNTIC, represents a total investment of 130 million euros. On October 30, 2023, the main electrical equipment wiring and static commissioning of the step-up substation were completed, marking the successful conclusion of the overall construction phase after 16 months. The project has now achieved physical completion and is moving into the grid acceptance and commissioning stage.

Once operational, this project will become the largest new energy generation initiative and the largest energy project funded and constructed by Chinese companies in Bosnia and Herzegovina. It will also significantly advance the transformation and upgrading of the energy structure in the country, help in achieving its carbon reduction targets, and provide a Chinese solution for global energy conservation and emission reduction.

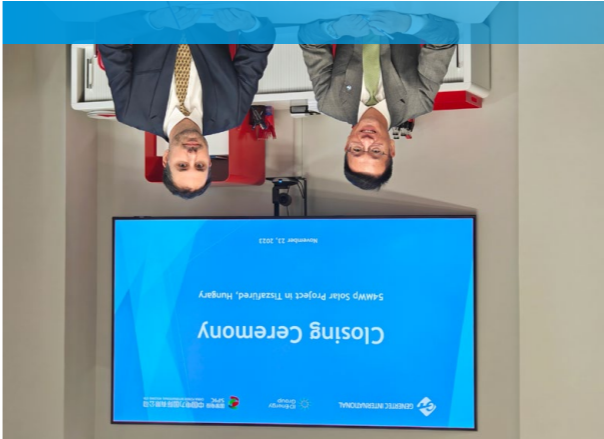
— Zeljka Cvijanovic
rotating chair of the Bosnia and Herzegovina Presidency

This cooperation has strengthened the ties between China and Bosnia and Herzegovina. With China's investments and support, several major projects have been successfully implemented in Bosnia and Herzegovina. I am proud that the two countries have worked together to achieve these milestones.

Hungary



The 54MW Tiszafere PV Power Plant Project in Hungary has been delivered.





Contracts have been signed for key projects such as the 6.6MW Gambetella PV Power Plant and the 1MW Pietracatella PV Power Plant in Italy.

Italy



Serbia




Contracts have been signed for the Black Peak 150MW Wind Farm in Serbia.






Uzbekistan



Contracts have been signed for the renovation projects for three hydropower stations, including the Tashkent No.1 Hydropower Station in Uzbekistan.





The Luxshare Precision (Yunzhong) Rooftop PV Power Project in Vietnam has been completed, making it the largest distributed PV project in Northern Vietnam.

Vietnam

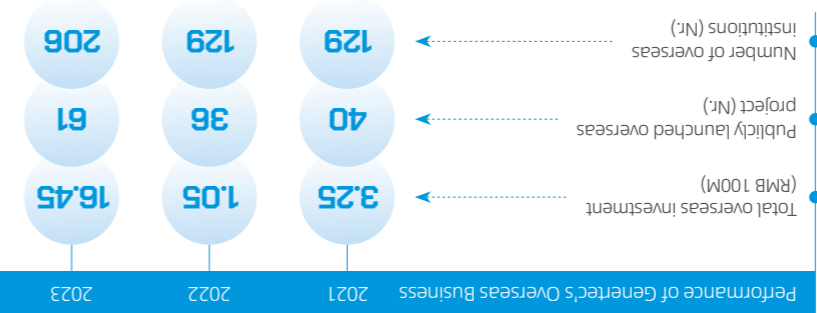


Achieving Significant Results for the Belt and Road Initiative

2023 marks the 10th anniversary of the Belt and Road Initiative. Gentec has been adhering to President Xi Jinping's important directives regarding the initiative. Leveraging its role as a pioneer in both "bringing in" and "going global," the group has aligned its international operations with the initiative, developed numerous key projects, fulfilled its overseas social responsibilities, and contributed to the establishment of a "dual circulation" development pattern.

Optimizing the Overseas Business Layout

Adhering to the principles of "high standards, sustainability, and people centeredness," Gentec actively participates in high-quality Belt and Road cooperation and international capacity collaboration. It also accelerates the development of integrated investment, construction, and operation of new energy projects overseas to optimize its international layout. Gentec has established businesses in seven major overseas regions: Europe, South Asia, ASEAN, Africa, Central Asia, Latin America, and Hong Kong and Macao of China.



Gentec ranked **125th** on ENR's 2023 Top 250 International Contractors List



The self-operated power plant projects in Bangladesh generated over **7** billion kWh of electricity annually, accounting for **10%** of the local annual amount



ALLUR in Kazakhstan sold **100,000** vehicles, capturing a local market share of over **50%**



Gentec Machine Tool actively expanded its overseas market, with new overseas order values totaling RMB **800** million in 2023
Gentec Meheco has achieved continuous development of integrated projects in key traditional markets such as Latin America, with newly signed contracts exceeding \$**100** million



Building a Comprehensive Interconnected Network



Dhaka-Ashulia Elevated Expressway Project has fully commenced construction.
Gentec signed with a local shipping corporation to export four bulk carriers to Bangladesh.



The Dhaka-Ashulia Elevated Expressway Project is Expected to Boost Bangladesh's GDP Growth by 0.21%



The Dhaka-Ashulia Elevated Expressway Project is one of Bangladesh's major transportation infrastructure projects in recent years. It has garnered significant attention from both countries since its planning and has been included in the Memorandum of Understanding on Key Cooperation Projects signed by the governments. The project includes a 24-kilometer, four-lane elevated expressway, the expansion of 14.3 kilometers of existing roads from two lanes to four lanes, as well as the construction of ramps, auxiliary roads, and bridges, all designed for a speed of 80 km/h.

Once completed, the project will seamlessly connect the central business district, industrial zone, and trade zone of Dhaka, benefiting over 40 million people across 30 districts. It will significantly alleviate traffic congestion in Dhaka and northern regions of Bangladesh while promoting economic and trade exchanges between Bangladesh, its neighboring countries, and China.



PROJECT PAC
PROJECT
ASPHALTAGE

The contracts for the Porto-Novo and Abome-Karawi sections of Benin's B1 phase were signed in January and March 2023.



Benin



Healthcare and Elderly Care

Genertec has been a strong advocate for the national strategy to address population aging. It has leveraged the role of Genertec Health & Senior Care, enhanced its operational and management capabilities in professional elderly care services, and participated in the reform of converting training and convalescent institutions affiliated with the Party, government organs, State-owned enterprises, and public institutions into elderly care facilities. Genertec has successfully implemented multiple elderly care projects and is committed to providing comprehensive services, including daily care, health management, disease diagnosis and treatment, rehabilitation care, and hospice care.



Genertec Health & Senior Care, in collaboration with Renmin University of China and the Training Center of the Ministry of Civil Affairs, has launched the National Industry-Education Integrated Community for the Elderly Care Industry. As the only central SOE involved, Genertec Health & Senior Care is leading the nationwide effort to promote industry-education integration in the elderly care sector.



Guokang Lushan Health and Elderly Care Project of Genertec Guozhong Healthcare



Guilin medical and healthcare project of Genertec Gem Flower Healthcare



Elderly care service center of 731 Hospital of Genertec AMHT



Training Therapy Project in Guilin of Genertec Health & Senior Care



Two Projects of Genertec Health & Senior Care in Beijing



Fenghua · Beijing Shugushan Traveling-residential Center

This project Genertec Health & Senior Care's first traveling-residential elderly care project. Located in Henanzhai Town, Miyun District, Beijing, it spans an area of 2,000 mu, with a building area of 6,700 square meters. The center provides 110 beds along with various supporting facilities, offering services that include elderly care, health management, and nutritious meals.

- Elderly care**
Provide travel products for tailored for the elderly, including sightseeing tours, food tastings, health management services, and specialized healthcare activities.
- Health management**
Organize themed health training camps, including "weight loss," "blood sugar control," and "sleep improvement." Leverage Genertec's medical resources to offer health monitoring, online consultations, and other health management services.
- Nutritious meals**
Offer special nutritious meals for the elderly. Supply green organic vegetables sourced from the center's self-operated vegetable garden.
- Special services**
Dedicated butlers offer thoughtful services, including room cleaning, laundry, and booking and delivery arrangements. They also provide fruit and vegetable picking services.



Fenghua · Beijing Nanyuan Elderly Apartment

This project, located in the Fengtai District of Beijing, was developed by Genertec Health & Senior Care. It encompasses a building area of 6,700 square meters and provides 150 beds. The facility includes areas for elderly care, professional nursing, dementia care, healthy dining, and medical treatment and rehabilitation, offering comprehensive services to meet the diverse needs of elderly residents.

The elderly care center creates personalized care plans based on comprehensive assessments of each individual and maintains detailed health records. A multidisciplinary care team delivers life care services tailored to those who are self-sufficient, semi-dependent, or fully dependent.

Set up GENERTEC CLINIC and provide an integrated medical and health care service model that includes medical treatment, rehabilitation, and elderly care.

The center provides nutritionally balanced meals and suitable dining services for elderly residents, reducing the risk of choking. Additionally, food service is available for elderly individuals who have difficulty dining at home in surrounding communities.

The center is working diligently to establish a specialized dementia care area, build a professional dementia care team, and collaborate with cognitive experts to develop a unique dementia care system. Through multidimensional interventions, the progression of the disease will be slowed, thereby enhancing the quality of life for elderly individuals with dementia.

The center offers a range of courses and themed activities for elderly residents, including handicrafts, gardening, calligraphy, music, flower arrangement, painting, and tea art.



Genertec Healthcare Walkathon

Genertec prioritizes people's lives and health. It pays great attention to urgent and challenging issues of common concern, particularly the facilitation of people's access to medical care and the handling of crucial yet minor healthcare matters. It also focuses on ensuring the health of key groups. To date, 1,625 medical teams and 10,774 medical personnel have been deployed, providing services to 238,000 people. This is a reflection of our commitment of "Genertec Health, Really works!"

Safeguard Children's Health in Pediatric Clinics



In the autumn of 2023, mycoplasma pneumonia swept the country, causing a surge in pediatric outpatient visits. Hospitals became overcrowded, leading to a shortage of beds. In response, hospitals affiliated with Genertec took swift actions by opening green channels, increasing appointment slots, expanding wards, and providing 24-hour consultations, fully dedicating themselves to pediatric care.

Genertec established 142 pediatric outpatient clinics and deployed over 1,000 medical staff who voluntarily extended their working hours. Additionally, more than 60 new 24-hour pediatric outpatient clinics and holiday-free ones were added, along with over 800 new beds, to ease the peak in pediatric visits.

Considerate "Special Clinics"

Genertec hospitals have actively explored people's needs and expectations regarding medical treatment times, registration, payment, and medication. To address the healthcare challenges faced by office workers, students, and other groups who struggle to seek medical care during the day, the group has successively introduced "Extended-Hours Clinics," "Night Clinics," and "Non-Holiday Clinics" to fully meet the medical needs of the people.

Health Management

Genertec Healthcare was established to enhance the integrated management of health services at a group level, accelerating the standardized, large-scale, and chain development of health check-ups and health management. We have advanced the development of "Healthy Enterprises," created a specialized team to serve major clients, and innovatively established "GENERTEC CLINICS," removing the final barriers to accessing medical care and ensuring more convenient services.

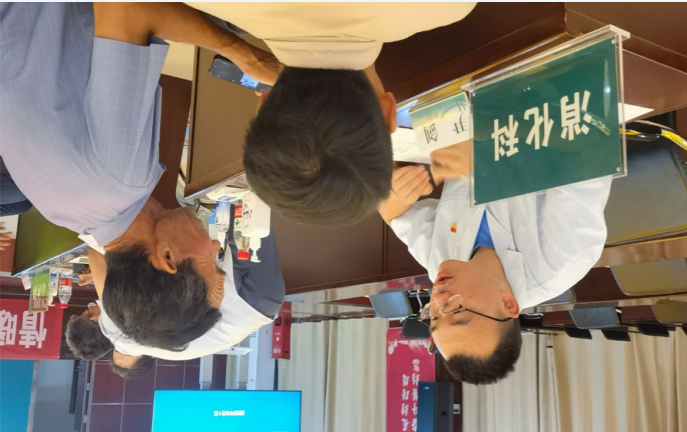
Our five medical platforms, comprising 125 medical institutions, provided health check-ups and health management services across 25 provinces. We served 4.16 million people, marking a 14% year-on-year increase. Additionally, we developed 20 key clients and served a total of 55 major central SOEs, surpassing half of all central SOEs. We have established 518 "GENERTEC CLINICS" nationwide, covering over 10 million people across 28 provinces.



Construction of a "Healthy Enterprise"

In the western and northern border areas of China, many employees from energy, electricity, and other industries have been stationed on the front lines under harsh conditions over a long period of time, making access to high-quality medical and health services difficult. Genertec's medical institutions have actively promoted the construction of "Healthy Enterprise" initiatives in key areas, striving to provide quality health services to every employee in these border regions.

Xi'an Electric Power Hospital, Sichuan Electric Power Hospital, and Beijing Electric Power Hospital, all affiliated with Genertec Guozhong Healthcare, have successively sent professionals to Xinjiang, Gansu, Qinghai, Xizang, Sichuan, and other regions to provide health check-ups, consultations, and assessments for frontline power workers. By the end of 2023, these services had reached 25 primary-level organizations, benefiting 4,000 employees and conducting nearly 3,000 health check-ups.



"We are in the border areas where medical services in counties and prefectures are limited. The experts here have excellent medical skills and provide patient, attentive service. I hope there will be more opportunities like this in the future."

"I heard that you are leaving for ill tomorrow. I really hope you can stay a few more days. Employees in remote areas really need these services."

— Employees from State Grid Kashi Electric Power Supply Company



"GENERTEC CLINICS" of Dongfang Electric Corporation Officially Opened

The "GENERTEC CLINICS" (Health Service Center) of Dongfang Electric Corporation officially opened on October 11, 2023. Leveraging the high-quality medical resources of Genertec, the clinic offers a range of services including expert consultations, convenient hospital treatments, health management, and medical security for various activities, catering to the needs of Dongfang Electric Corporation's cadres and employees.



In 2023

Pharmaceuticals and Medical Devices

Genertec has enhanced its pharmaceutical offerings, driven industrial transformation, and established a comprehensive industrial model that integrates trade, manufacturing, and technical services. Pharmaceutical products were approved, including 11 pharmaceutical products that have passed consistency evaluation

5 new products

2 bulk drugs

Sales of key products exceeded 1.5 billion RMB

8 products won national bidding

11 medical devices achieved sales exceeding 100 million RMB

Genertec has developed 20 SPD projects.

Genertec has installed 6 IVD production lines.



Genertec Meheco Sets Record High Number of Contracts at the Sixth CIIIE

In November 2023, the 6th China International Import Expo (CIIE) took place in Shanghai. As a leading state-owned enterprise in pharmaceuticals and medical devices, Genertec Meheco prioritized exchanges and collaboration with world-class pharmaceutical and medical device companies. During the event, Genertec Meheco signed cooperation agreements with top brands such as Philips, Varian, GE Healthcare, and Siemens. This marked record highs both in the number of agreements and the range of products involved.



Medical Care

Genertec has established a Medical Health and Elderly Care Business Management Committee and developed an integrated empowerment system. It strives to become a leading provider of comprehensive medical services, a pioneer in innovative service models within the medical industry, an influential participant in shaping medical health policies and standards, and a model for ensuring people's health and well-being.



- The number of medical institutions has increased to 403 across 27 provinces and municipalities, with a total of 52,000 inpatient beds. The number of Grade III hospitals has risen to 31.
- The number of outpatient and emergency visits have exceeded 30 million, with more than 1.4 million patients discharged.



- Genertec has developed the Construction Programme for Key Disciplines and established the first six national medical centers and five specialty hospital alliances.
- The orthopedic department of 3201 Hospital, affiliated with Genertec Medical, has been approved as a national key specialty hospital.
- 22 new key specialty hospitals at the provincial level and above have been added, bringing the cumulative total to 75.



- Genertec has continued to implement the "Learning Management from Chang Gung Hospital" initiative, with 71 Grade II and above hospitals setting up independent operation management departments.
- Ten hospitals have been guided to undertake demonstration construction.
- Training programs for directors of Grade III hospitals have been organized.
- In the 2022 national Grade III public hospital performance assessment for non-annual report groups, six medical institutions received a Grade A rating. Among them, Aerospace Center Hospital, affiliated with Genertec AMHT, achieved its highest ranking ever, coming in 6th place.



- Five regional hospital alliances have been established to leverage the influence of flagship hospitals.
- A mechanism for the collaborative development of medical institutions has been put in place to facilitate resource sharing.

Informationization



- Genertec has accelerated the promotion of digital transformation in healthcare, encouraged affiliated medical institutions to apply for and obtain internet hospital qualifications, and developed internet-based, remote medical services.

In 2023

the machine tool section
obtained **45**
authorized invention patents
revised **27**
national, industry, and association
standards

Fostering Industrial Collaboration for Growth

Genertec has enhanced its innovation in machine tools and spearheaded the establishment of a strategic alliance for technological advancement in the numerically controlled machine tool industry. It has also collaborated with upstream and downstream companies, universities, and research institutes. This alliance ensures a secure supply of high-end machine tools and strengthens control over both the industrial and supply chains. Genertec has worked with 21 key user units across 8 sectors on R&D and key technologies for complex parts processing equipment. In addition, it has also established a joint research institute with Xi'an Jiaotong University, formed a joint laboratory with Nanjing University of Aeronautics and Astronautics, and created the Tianjin Industrial Machine Tool Innovation Consortium and the Liaoning Industrial Machine Tool Innovation Center. Moreover, strategic agreements have been made with leading industry labs, such as Huanghai Laboratory and Longcheng Laboratory, focusing on intelligent manufacturing.



Genertec held Machine Tool Industrial Chain Action and Technological Innovation Forum



In September 2023, under the guidance of the State-owned Assets Supervision and Administration Commission and the Ministry of Industry and Information Technology, Genertec, in collaboration with the China Federation of Industrial Economics, successfully held Machine Tool Industrial Chain Action and Technological Innovation Forum at Genertec Shenyang Machine Tool. During the forum, the group conducted a signing ceremony to boost strategic cooperation. Responsibility letters for supply and demand coordination as well as strategic cooperation agreements with representatives from central SOEs and small and medium-sized enterprises were signed. Additionally, a supply and demand list for common chain development was released, establishing a new model for collaborative common chain development.



Joint Efforts for High-Quality Results



Led by the Genertec Machine Tool Research Institute, a key project to address technical and engineering application challenges was held in collaboration with various organizations. Upstream and downstream enterprises were driven to continually conquer technical weaknesses and target the weaknesses of core technologies and components. The project produced 20 engineering prototypes, including the five-axis heavy cutting milling and boring machine, precision composite processing machine, precision horizontal CNC grinding machine, and precision vertical grinding machine. These prototypes met the performance criteria and satisfied engineering application demands, facilitating domestic substitution for large and medium-sized CNC machines.

A Model for Healthy China Initiative

Genertec is dedicated to enhancing its medical and healthcare services. By fully leveraging its operational advantages - such as synergies across medical care, rehabilitation, elderly care, pharmaceuticals, medical equipment, and shared resources - as well as its industrial strength, including diverse business fields, extensive network coverage, and a broad range of medical institutions - Genertec has accelerated the development of a health-oriented and medical service-based ecosystem. This comprehensive healthcare ecosystem offers a wide array of business forms and services, aiming to provide people with complete, full-life-cycle medical and healthcare products and services, which encompass disease prevention, treatment, rehabilitation, and elderly care.



Genertec Health, Empowering High-Quality Development with "Benevolence and First-class Quality"



Scan the QR code to watch:
Promotional Video of
Genertec Health

In 2023, Genertec established the brand concept of "Genertec Health: Benevolence and First-class Quality". The group prioritized both patient and employee satisfaction, focusing on enhancing medical and service quality to provide the most compassionate and highest-quality healthcare services. Guided by a unified brand strategy, Genertec accelerated the development of a comprehensive healthcare business ecosystem for medical care, health management, and elderly care. As a result, its medical and healthcare businesses have experienced sustained and rapid growth, becoming a key driver of Genertec's high-quality development.



Genertec at the "Healthy Life Chain" Exhibition Area of the First China International Supply Chain Expo



In November 2023, the first China International Supply Chain Expo took place in Beijing. In the "Healthy Life Chain" exhibition area, Genertec and its healthcare subsidiaries showcased cutting-edge technologies, products, and services across medicine, medical care, health management, and elderly care. Their goal was to develop a comprehensive ecosystem of medical and health services that addresses the entire lifecycle with a people-centered approach.

A Solid Foundation for Building a Manufacturing Power

Genetec has made the development of high-end CNC machine tools its primary focus. By establishing a strong foundation in machine tool equipment and new materials, the group aims to advance the high-end, intelligent, and sustainable development of the manufacturing sector. In this way, it will help accelerate the emergence of new-quality productive forces.

Improving Technology and Craftsmanship

Machine Tool Equipment

Genetec has optimized its industrial layout and product portfolio, enhanced its industrial foundations, and modernized its industrial chain. The company aims to build itself into a world-class, high-end machine tool equipment manufacturer with independent core technologies and global competitiveness.

Machine tool: Achieved a 41% year-over-year increase in revenue by serving key sectors

The added value of products continued to rise, with the price per machine tool increasing by

28% year-over-year



Developed 80 new products throughout the year

Delivered 71 high-end machine tool units

6 automated production lines to key sector clients



The Nanometer Time Grid, an innovative technology independently developed in China, features both circular and linear types and is applicable to high-end CNC machine tools and measuring instruments. By comparing spatial displacement with time benchmarks, it achieves measurement accuracy within a range of ± 0.06 arc seconds, reaching the global limits of existing detection instruments and positioning itself at the forefront of global technology. This advancement allows China to gain independent control over precision displacement measurement technology and realize domestic substitution in the high-end precision displacement measurement sector.

"Precision Eye" for Time and Space Measurement



In April 2023, Genetec participated in CIMT 2023



Genetec undertook the "Genetec Cup" Multi-axis CNC Machining Competition of 2023 Belt and Road BRICS Skills Development & Technological Innovation Competition

New Materials

Genetec specializes in green fiber, specialty fiber, and high-performance fiber. It has advanced its industrial layout to create a comprehensive industry chain which includes new fiber materials, chemical fiber equipment manufacturing and engineering services, new textile materials, textile chemicals, biotechnology, standard testing and technical services. Genetec's chemical fiber equipment manufacturing ranks among the top three globally and is the only domestic enterprise with independent intellectual property rights for the complete set of technologies used in the industrialization of Lyocell fiber.

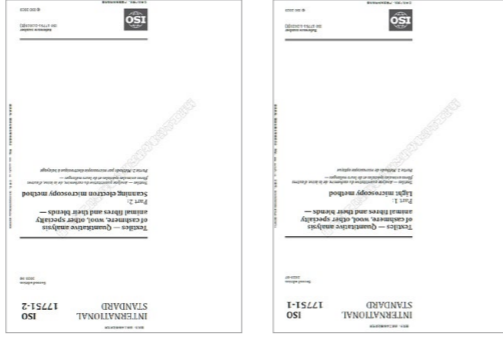


The flame-retardant Lyocell fiber, renowned for its superior mechanical properties and long-lasting flame resistance, is widely utilized in defense, firefighting, and industrial textiles, etc.

Dongguan CTA-Tex Chemicals Co., Ltd., a subsidiary of Genetec Advanced Materials, has successfully passed the Bluesign® system certification and is now a Bluesign® Certified Partner.

The 60,000-ton/year Lyocell Fiber Production Line Project has successfully passed the acceptance inspection. With an annual capacity of 100,000 tons, it ranks among the top in the domestic Lyocell fiber production market, and its unit production cost is also leading in the industry.

The 10,000-ton flame-retardant Lyocell fiber production line was successfully launched, filling a significant gap in the international market.



Two international standards drafted by CTC, affiliated with Genetec CTA, were officially released



Genetec Advanced Materials' green fiber medical textiles bolster the group's presence in the medical and healthcare industry

In March 2024, the Yarn Expo Spring showcased over 500 premium fiber and yarn companies from 11 countries and regions. Genetec Advanced Materials presented more than a hundred exhibits, highlighting diverse research outcomes, green fibers, specialty fibers, application products, and its standard testing to provide customers with comprehensive new fiber material solutions.



Genetec Advanced Materials at 2024 Yarn Expo Spring



Genetec Record

The Genetec National Machine Tool Quality Supervision and Inspection Center is China's first nationally recognized third-party inspection agency in the machine tool industry, authorized by the state. Its services include machine tool product testing, certification, evaluation, smart manufacturing maturity assessment, standard research, and generic technology development.

Enhancing Core Functions, Supporting National Strategies

Responsibility is a matter of national significance. As a central SOE, Genertec is committed to its responsibilities and missions, embracing its role as a key pillar in the national goal of becoming a "manufacturing power." Genertec focuses on industrial upgrading, particularly in high-end computer numerical control machine tool manufacturing and the R&D of new materials. As a significant force behind the Healthy China initiative, Genertec accelerates the development of a health-centered ecosystem, supported by medical services and a wide range of other service forms. As a contributor to the Belt and Road Initiative, Genertec promotes Chinese equipment, technologies, standards, and brands to go global.

SDGs



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the Belt and Road Initiative

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Chapter

Following President Xi Jinping's Footsteps, a Decade of Transformation Opens a New

On August 30, 2013, during his visit to Genertec Shenyang Machine Tool, President Xi Jinping stated: "Like food, technology can't be relied on others. We have to hold the rice bowl in our own hands and be self-reliant." Following Xi Jinping's instruction, the machine tool enterprises of Genertec pursue innovation-driven development and take decisive actions to turn losses into profits, contributing to the high-quality development of the group.

A Fresh Transformation

Established in 1935, Genertec Shenyang Machine Tool has been a pioneer in China's machine tool industry, creating numerous "firsts" for the nation, including the country's first machine tool. It brought together three companies that were once part of the "Eighteen Giants" of China's machine tool industry. However, due to historical and external factors, Genertec Shenyang Machine Tool has undergone prolonged losses.

President Xi Jinping's concern sparked a reform at Genertec Shenyang Machine Tool, guiding it towards innovation and breakthroughs. In 2019, with support from national ministries, the Liaoning Provincial Government, and the Shenyang Municipal Government, Genertec strategically restructured the Genertec Shenyang Machine Tool to promote comprehensive reforms. In 2021, a project for technical renovation and manufacturing capacity upgrades officially began.

Over the course of three years, Genertec Shenyang Machine Tool implemented a technical renovation plan for 2021-2027, significantly enhancing its manufacturing capabilities. Sales doubled within this period, elevating the factory to the top three in China's metal cutting machine tool sector. It achieved its first operating profit within a decade, overcoming financial challenges. The factory streamlined its legal entities, optimized its talent structure, and addressed long-standing issues. It undertook major research projects, adopted an "open competition to select the best" approach, explored the chief technologist system, and worked to overcome key technological obstacles. Its position in the domestic market for high-end five-axis products was solidified, with significant projects delivered on schedule.



Genertec Shenyang Machine Tool launched a two-phase manufacturing capacity transformation and upgrading project. In 2023, the focus was on five digital production lines and one flow assembly line, with installation and adjustment work for phase one of the technical renovation project commencing. The project has significantly enhanced production efficiency, component quality, and testing capabilities. It has also improved the workshop environment and manufacturing and production levels, reinforcing its digital and green transformation.



Steady progress in technical renovation to serve national strategies

A New Journey for the Machine Tool Industry

In 2023, Genertec commemorated the tenth anniversary of President Xi Jinping's visit to Genertec Shenyang Machine Tool. To mark this milestone, Genertec organized a series of events aimed at further studying, promoting, implementing, and elevating the guiding principles from the visit. By developing detailed plans and employing diverse learning approaches, the group aligned with the country's latest missions and positions for SOEs. This initiative accelerated strategic planning, deepened corporate reforms and technological innovation, and improved quality and efficiency, thereby guiding the machine tool industry toward healthy development.



In August 2023, leaders of Genertec visited the themed exhibition of Genertec Shenyang Machine Tool

Genertec supports the national strategy for coordinated regional development by deepening its operations in key regions such as Northeast China, the Beijing-Tianjin-Hebei region, the Hainan Free Trade Port, and the Cross-Straits Integration Demonstration Zone. This involvement not only advances the construction of the Hainan Free Trade Port but also injects strong momentum into regional economic and social development.

Supporting the Comprehensive Revitalization of Northeast China

Genertec is dedicated to supporting the comprehensive revitalization of Northeast China. We engage with local governments and enterprises, strengthening our collaboration with Liaoning Province in sectors such as machine tools, medicine, and medical devices. This partnership aims to create new models of mutually beneficial cooperation between central SOEs and local governments, as well as to create new growth drivers for industrial development.

Establishment of Liaoning Industrial Innovation Center for Machine Tools

In August 2023, Genertec Shenyang Machine Tool, the leading unit, along with 32 other units, including Genertec Dalian Machine Tool and Dalian University of Technology, jointly established the Liaoning Industrial Innovation Center for Machine Tools. The center focuses on five goals: mastering core functional components, developing high-end machine tools, driving the development of key equipment, providing foreign technical services, and promoting industrial collaboration. It aims to address critical issues in machine tools and empower the high-quality development of machine tool and key equipment industries in Northeast China.

Contributing to Coordinated Development of Beijing-Tianjin-Hebei Region

Genertec supports the coordinated development of the Beijing-Tianjin-Hebei region through its involvement in the Tianjin High-quality Manufacturing Development Action. The group is enhancing collaboration in sectors such as machine tools, new energy, medicine, and healthcare, with the goal of helping Tianjin build a modern socialist metropolis comprehensively.



In September 2023, Genertec and the government of Beichen District, Tianjin City held a project cooperation signing ceremony

Focusing on machine tools, we support Tianjin to accelerate the development of new-quality productive forces

The group has expanded its business layout in Tianjin, investing a cumulative 4.3 billion RMB over the past three years. Leveraging Tianjin's role as a national hub for advanced manufacturing and R&D, the group has established Genertec Tianduan and Genertec Tianjin No. 1 Machine Tool, alongside a comprehensive three-tier R&D system. Additionally, the group collaborates with Tianjin University and other institutions to train engineering masters and doctors, build key laboratories, and drive breakthroughs in core technologies and essential machine tool products.

Advancing the Construction of Hainan Free Trade Port

Global Tech-Transfer Hainan Center Introduces Drugs for Rare Diseases as its First Successful International Technology Transfer Project

In November 2023, at the 6th China International Import Expo, the Global Tech-Transfer Hainan Center signed a tripartite agreement with Genertec Meheco and Dr. Reddy's to jointly launch the new drug Salbutamol Hydrochloride Powder in China. This marks the first international technology transfer cooperation agreement signed by the Global Tech-Transfer Hainan Center. Through this collaboration, the Global Tech-Transfer Hainan Center has introduced drugs for the treatment of rare diseases from overseas. It has also registered and sold them in Hainan, gradually achieving local production and better serving the Healthy China initiative.

Pioneering the Cross-Straits Integration Demonstration Zone

Commencement of Construction of BRICS Innovation Base Headquarters

The BRICS Innovation Base Headquarters is located in Huli District, Xiamen. With science and technology, culture, trade, and modern service industries as its leading industries, the project aims to become a "BRICS+" industrial innovation leader in the new industrial revolution. It also seeks to be an accelerator of global influence for BRICS emerging markets and a new platform for BRICS international cooperation. This initiative will provide strong support for the sustainable development of Xiamen and the growth of emerging industries in developing countries.

The Global Tech-Transfer Hainan Center has been officially unveiled. Leveraging the institutional advantages of the Hainan Free Trade Port and the group's industrial strengths, the center plays a pivotal role in the cross-border flow of technology elements. It aims to build an international technology transfer service platform that integrates all elements and connects the entire chain.

Genertec and Fujian Province have signed a strategic cooperation framework agreement to support the construction of the Cross-Straits Integration Demonstration Zone. The group has established Genertec BRICS (Xiamen) Investment & Development Co., Ltd., which invested 5.5 billion RMB in the Headquarters Project of the BRICS Innovation Base in Xiamen. This investment aids the development of the BRICS New Industrial Revolution Partnership.

"Role Model of Central SOEs" on the "Roof of the World"

In January 2024, the "Roof of the World" Medical Service Team of Genertec was honored with the title of "Role Model of Central SOEs" by SASAC. The team comprises thousands of members from five medical platforms: Genertec Universal Medical, Genertec Guozhong Healthcare, Genertec AMHT, and Genertec Gem Flower Healthcare. For more than 30 years, they have worked tirelessly in the harsh, oxygen-deficient conditions of the Qinghai-Tibet Plateau, covering more than 5 million kilometers in medical outreach, treating over 500,000 patients, introducing more than 100 new medical technologies and projects, and building an unyielding defense for major projects and the health of local people.



Leveraging quality medical resources, Genertec has established aid teams to bring advanced medical technology and quality health services to Xinjiang, Xizang, and Tibetan-inhabited areas in Qinghai, Gansu, and Sichuan. We have selected and dispatched support cadres, actively supported infrastructure construction, promoted the development of local industries such as medicine, healthcare, and textiles, and steadily advanced high-quality economic and social development in border areas.

Supporting the Development of Xinjiang, Xizang and Qinghai

01

Leading and Guaranteeing the High-quality Development through High-quality Party Building

Guided by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, Genertec thoroughly implements the guiding principles outlined in the 20th National Congress of the CPC. It carries out a thematic education campaign to study and apply Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, ensuring that high-quality Party building leads to and guarantees high-quality development. Genertec received a "Grade-A" rating in the evaluation of Party building among central SOEs in 2021, 2022, and 2023.

Thematic Education Campaign

Genertec adheres to the general requirements of studying the Thought, strengthening Party consciousness, emphasizing practical work, and making new achievements. It also carries out a thematic education campaign to study and implement Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era. Through this campaign, the group has achieved exceptional results in promoting high-quality development and serving primary-level communities, employees, and the public.



In February 2024, Genertec held the summary meeting of carrying out thematic education campaign to study and implement Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era

- To date, the Group has convened **7** thematic education advancement meetings, **4** business training sessions, **6** leadership group meetings, and **15** leadership group office meetings.

- Collectively, **669** concentrated study and discussion sessions have been held. Leading Party members at all levels have delivered **1,807** Party-related lectures, engaging **97,000** participants, and conducted **2,862** research and studies in **2,610** units.

- The Group has engaged **2,186** Party organizations, **27,000** Party members, and **40,000** league members and youth in thematic education campaign.

- During the second phase, the Group's medical institutions deeply engaged in the "Genertec Healthcare Walkathon", deploying **1,625** medical teams comprising **10,774** medical personnel and serving **238,000** people.

- Assessment results indicate that **99.68%** of staff representatives rated the Group's thematic education campaign as "good" or "relatively good".

- The Group's experiences and practices in thematic education campaign have been covered by mainstream media **41** times.

Reinforcing Party Building

Strengthening political development. Genertec deeply recognizes the critical importance of establishing Comrade Xi Jinping's core position within the Party Central Committee and the Party as a whole. We are committed to upholding Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era as our guiding principle. We firmly support Comrade Xi Jinping's leadership, maintain the authority of the Central Committee, and ensure its centralized and unified leadership. Additionally, we enhance political oversight to ensure the effective implementation of the strategic directives from the 20th National Congress of the Communist Party of China.

Consolidating the foundation. Genertec standardizes the establishment of Party organizations, trade unions, and youth leagues, recognizes advanced groups and individuals, and accelerates the formation of international Party organizations. It continuously integrates Party building in hospitals within the group. We consistently develop two flagship projects: the Five-Star Party Branch and the "Party Building+" initiative, with nine cases recognized as "Excellent Cases of SOE Party Building." Additionally, we revise Party-building assessment methods and establish trade union assessment systems for the group.



Genertec QIER organized themed Party Day activities



Genertec Xinjing held the commendation meeting to honor outstanding Party members, exemplary Party workers, and advanced community-level Party organizations

Developing a High-quality Talent Pool. Genertec has held its first organizational work conference, conducted comprehensive evaluations of its cadres, and assessed secondary leadership teams. It has also carried out specialized surveys on young officials in a scientific manner. These efforts aim to optimize the structure of secondary leadership teams, standardize the training and selection of outstanding young officials, and strengthen regular supervision of all officials. Additionally, the group has accelerated the recruitment and training of tech talent.

Exercising Full and Rigorous Governance Over the Party. Genertec fully supports the disciplinary inspection missions of the 20th CPC Central Committee, aimed at reviewing problems and identifying weak links. The group has conducted high-quality internal inspections and initiated a five-year plan for Party inspection. It has also convened a warning and education conference and launched a special rectification campaign against violations of the eight-point frugality code, introduced by the Political Bureau of the Communist Party of China (CPC) Central Committee on improving Party and government conduct. It also implemented a focused crackdown on corruption in the medical and pharmaceutical sectors.



In January 2024, Genertec held 2024 annual meeting of exercising full and strict governance over the Party

Coverage of anti-corruption and integrity education

100% in 2021

100% in 2022

100% in 2023



2023 Performance Report



Operation Performance

Total Assets:	RMB 300.98 billion	a year-on-year increase of 8.5%
Net Assets:	RMB 94.37 billion	a year-on-year increase of 5.8%
Total Operating Revenue:	RMB 204.84 billion	a year-on-year increase of 11.9%
Total Profit:	RMB 6.93 billion	a year-on-year increase of 16.3%
Total Tax Payment:	RMB 6.66 billion	



Main Business

Advanced Manufacturing and Technical Services		
The number of members in the "Strategic Alliance for Technology Innovation in CNC Machine Tool Industry" has increased to 66		
The 10,000-ton flame-retardant Lyocell fiber production line was successfully launched		
The production capacity of Lyocell fiber reached 100,000 tons/year		
Genertec has delivered 71 sets of high-end machine tool equipment and 6 automated production lines to key user enterprises		
Genertec has driven the development of over 1,200 upper-stream enterprises in the machine tool industry chain		
Medical and Healthcare Industry		
Genertec operates nearly 100 pharmaceutical commercial branches, over 400 medical institutions, and nearly 52,000 inpatient beds. It has also established 22 new provincial and above key (construction) specialties, totaling 75		
Genertec has established the first 6 national medical centers, 5 specialty alliances and 5 regional hospital alliances in pilot areas		
Genertec has established 518 "GENERTEC CLINICS", serving over 10 million people		
Genertec has taken over 56 training and convalescent institutions, and provides over 6,000 beds for elderly care services in 40 facilities of various types		
Trade and Engineering Services		
Genertec has built a comprehensive "people-vehicle-house" business layout, with a distribution network covering nearly 1,000 key cities and counties in 31 provinces nationwide. Annual sales of intelligent cars exceeded 7,000		
The new contract value for international engineering business rose 65.6% year-on-year		
The new contracts for international Green Supply Chain business increased by 36.5% year-on-year		



Sci-Tec Innovation

The intensity of investment in R&D reached 1.2%	A three-tiered R&D system is initially taking shape, consisting of the Genertec Academy of Machine Tool Engineering, 7 local research institutes, and 8 enterprise technology centers, supported by a scientific research team with 1,600 employees	
13 new national projects have been approved, and 28 national projects are under way	2 achievements won the Second Prize of the National Sci-Tech Progress Award	34 scientific and technological awards at the provincial/ministerial level
Genertec has formulated/revised 2 international standards and 77 national and industry standards. It has also selected 27 group-level scientific and technological achievements and 9 group-level young scientific and technological talents		



Deepening Reform

Genertec has completed 42 key reform measures and 105 detailed standard tasks, advancing its actions to deepen and enhance a new round of reforms	6 sub-groups have been established, with full established institutions and systems with clearly defined roles and functions	The contractual management of enterprises and personnel have achieved full coverage at all levels
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Party Building

Leading Party members at all levels have delivered 1,807 Party-related lectures, engaging 97,000 participants, and conducted 2,862 researches and studies in 2,610 units	The Group was awarded Grade-A in the evaluation of central SOEs in 2021, 2022, and 2023	
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Our Goals by 2030:

Genertec and United Nations Sustainable Development Goals (SDGs)

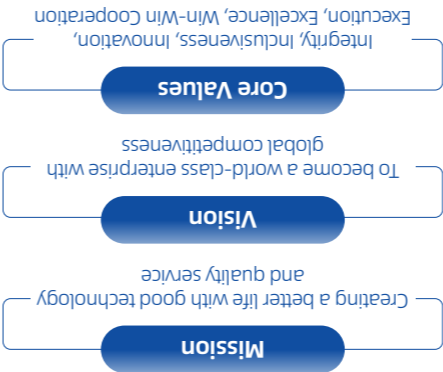
In 2015, the United Nations adopted the 2030 Agenda for Sustainable Development, with 17 Sustainable Development Goals at its core. As a global corporate citizen, Genertec actively practices the SDGs, continuously strengthens the foundation for sustainable development, and creates shared value with stakeholders.



About Us

Established in 1998, China General Technology (Group) Holding Co Ltd, commonly known as Genertec, is a centrally administered State-owned enterprise, which is directed by the State-owned Assets Supervision and Administration Commission of the State Council (SASAC). It was approved by the government as a pilot enterprise of State-owned capital investment in December 2018. It owns 5 listed companies - Genertec Shenyang Machine Tool Co Ltd, Genertec Universal Medical Group Co Ltd, China Meheco Group Co Ltd, Chinatexta Textile Testing & Certification Services, and Genertec Complant.

Over the years, Genertec has been focusing on three pillar businesses - advanced manufacturing and technical services, medical and healthcare, trade and engineering services as it mobilizes a strong push for innovation-driven high-quality business development under the optimal organizational structure. Genertec had won the A-level in the performance evaluation of central SOEs for 13 years, and made the Fortune Global 500 list seven times since 2014.



In the field of advanced manufacturing and technical services

Genertec has taken an active role in serving the national strategy for upgrading the country's manufacturing sector and positioned the development of high-end CNC machine tools as its core business. Since the founding of the People's Republic of China, the group has produced dozens of national firsts in the field of machine tools, and about 20 workers have been honored as role model of the nation, a testament to the group's dedication and commitment as exemplified by Ma Hengchang Team. At present, Genertec owns one machine tool engineering research institute and seven machine tool production and manufacturing companies, and has established a machine tool equipment company in collaboration with the Tianjin municipal government. It has also led the establishment of the strategic alliance for technological innovation in the numerically-controlled machine tool industry, and built an innovation and R&D center for equipment digitalization. The group has grown into an industrial leader with the broadest product line, the widest service areas, and the strongest technical capabilities. It is also the biggest provider of high-end core equipment for key industries and areas. It has been promoting the industrialization of new solvent-based cellulose fiber, making China the second country in the world to master the technology in the industrialization of green cellulose fiber. The group has made major technological breakthroughs in its flame-retardant Lyocell fiber project, with a 10,000-ton production line being successfully launched at one go.

In the field of medical and healthcare

Genertec has championed the Healthy China 2030 strategy and the national strategy to address population aging. The group has speeded up the building of a health-oriented and medical service-based ecosystem of comprehensive healthcare services featuring all business forms and all-round services, aiming to provide people with comprehensive full-life-cycle medical and healthcare products and services encompassing disease prevention, treatment, rehabilitation, and elderly care. Genertec has 92 commercial medical branches in 30 provinces and municipalities, ranking second on the 2022 top-100 list of the pharmaceutical distribution industry. It owns 403 medical institutions with a total of over 52,000 beds in 27 provinces and cities in China, and sets up 518 Genertec Clinics across the country, providing services for over 10 million people. It has been developed into a centrally-administered medical group that leads in the number of beds with a complete network coverage and a comprehensive industrial chain, playing a critical role in ensuring health safety of important industries and areas, pandemic control and disaster relief, as well as the supply of drugs and medical apparatus and health management in 25 provinces in China. Currently, Genertec provides over 6,000 beds for elderly care services in 40 facilities of various types in 16 provinces and cities across the country. The group has actively participated in reforms of medical and health care training institutions and sanatoriums affiliated to government institutions, SOEs, and public institutions, transforming them into inclusive elderly care service providers. It has taken over 56 such institutions across the country, adding nearly 10,000 reserved beds for elderly care services.

In the field of trade and engineering services

Genertec is the main channel and a major force for the imports of advanced technology and key equipment in China. Its introduction of 156 advanced technologies and full equipment in the early years of the People's Republic of China laid a solid foundation for the country to develop manufacturing businesses. Over the past 70 years, it has imported and introduced more than \$340 billion of state-of-the-art technologies and complete sets of equipment for various industries, making a significant contribution to the nation's progress toward industrialization and the localization of major technical equipment. Genertec's participation in the tangible growth of the Belt and Road Initiative and international production capacity cooperation has also driven and promoted Chinese products, technologies, and brands to many parts of the world. It was ranked 125th on ENR's list of the Top 250 International Contractors 2023. The group has won a total of 88 national-level awards in the construction industry, including the China Construction Engineering Luban Prize and the National Quality Engineering Awards. Genertec is also the largest distributor of mobile communication terminal products in the country, with a comprehensive supply chain system that includes mobile communication terminal distribution and logistics, intelligent connected vehicles, smart spaces, international exhibitions and advertising, international trade and bidding, communication engineering construction, and virtual operation of mobile communication services.

Responsibility Model: Genertec's Six-Petal Framework of Social Responsibilities

In line with the corporate mission of "Creating a better life with good technology and quality service," Genertec upholds its social responsibilities and generates diverse values for the economy, environment, and society.

In 2023, through extensive communication with stakeholders and based on our business and capabilities, we developed "Genertec's Six-Petal Model of Social Responsibilities." Each petal represents a unique area of responsibility: economy, customer, environment, employee, community, and governance. This model not only reflects the group's internal standards for achieving high-quality development but also aligns with the United Nations' 17 Sustainable Development Goals (SDGs).



Message from the Chairman



王辉

Chairman

China General Technology (Group) Holding Co., Ltd.

The year 2023 marks the beginning of the full implementation of the principles set forth at the 20th National Congress of the Communist Party of China (CPC). It is also a pivotal year for Genertec, as we seek to tap into its full development potential following the completion of its strategic layout. This year, we have steadfastly adhered to the important instructions and directives from Xi Jinping, General Secretary of the CPC Central Committee. We have also conducted a thematic education campaign to thoroughly understand and apply Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era. In addition, we have focused on embracing the new mission and role of central State-owned enterprises (SOEs) in this new era, actively supporting strategies such as transforming China into a manufacturing powerhouse, the Healthy China initiative, and the Belt and Road initiative (BRI). As a central SOE, we have fulfilled our political, economic, and social responsibilities, showcasing our commitment and achievements in supporting national strategies, enhancing public well-being, and making substantial progress towards becoming a world-class enterprise. In 2023, the group received a Grade A rating in the performance evaluation of central SOE leaders and a Grade A rating in the key task evaluation for deepening central SOE reforms. The group was also recognized as an outstanding enterprise in scientific and technological innovation among central SOEs. Moreover, it was rated as "good" in the targeted poverty alleviation contribution ranking among central SOEs.

We supported the big picture and embraced our responsibilities in developing new quality productive forces.

We have taken the initiative to embark on the significant mission of developing high-end CNC machine tools, aligning with national strategies and international competition. This effort aims to accelerate the innovation and development of strategic emerging industries within the industrial machine tool sector. We have also established a preliminary three-tier R&D system and strengthened innovation through the collaboration among enterprises, universities, research institutions, and end users. By partnering with universities to build research institutes and laboratories, we have achieved significant breakthroughs in key and core technologies. We have greatly enhanced our capabilities in serving key industries and sectors, driving the development of more than 1,200 upstream enterprises through orders and equity investments. In addition, we have invested more than 2 billion RMB in implementing two phases of technological transformation projects to ensure the continuous advancements in intelligent, high-end, and green manufacturing of machine tools. Under the "Genertec Health" brand, we have protected the health and well-being of the people by providing a comprehensive range of medical and health products and services, including prevention, treatment, rehabilitation, and elderly care. Currently, we have nearly 100 pharmaceutical commercial branches, more than 400 medical institutions, approximately 52,000 inpatient beds, and 75 key (construction) specialties at or above the provincial level. Moreover, we have promoted the development of the elderly care industry, transforming 56 training and convalescent institutions affiliated with the Party, government organs, State-owned enterprises, and public institutions into elderly care facilities. We have also established

health management company to promote the strategic layout of the health management business. Furthermore, we have promoted the distribution of medical resources, establishing more than 500 "GENERTEC CLINICS" nationwide. Genertec has actively participated in high-quality Belt and Road cooperation and international capacity collaboration, increasing investment and improving business layouts in key regions and industries. Our total installed capacity of new energy exceeds 1.1 GW. In Bangladesh, our power plant projects generated more than 7 billion kWh of electricity in 2023, accounting for 10% of the country's total electricity generation for that year. Our Allur Auto Plant in Kazakhstan sold 100,000 vehicles, representing over 50% of all vehicles sold in the country, significantly contributing to local economic and social development and enhancing people's well-being.

We strove for innovation to enhance our core competitiveness.

Focusing on technological innovation, Genertec has developed a comprehensive technology innovation system across all industrial sectors. We have continued to increase our investment in scientific research and expedited the establishment of high-level technological innovation platforms. We have built teams of top scientific and technological talents to enhance our ability to handle major challenges. We also strived for breakthroughs in key and core technologies. In 2023, two of our achievements won the Second Prize of the National Science and Technology Progress Award. The group won 34 provincial and ministerial-level scientific and technological awards, with 12 achievements listed in the Catalogue of Recommended Scientific and Technological Achievements of Central State-owned Enterprises (2023). Furthermore, we obtained 143 invention patents, created and revised 2 international and 72 national and industry standards, and published 257 SCI papers.

We promoted reforms to enhance our value-creating capabilities.

We have implemented significant actions to deepen reforms, focusing on enhancing core functions and improving core competitiveness. Our goal is to transform Genertec into a modern, competitive, and dynamic central SOE. We aim at substantial progress in advancing the modern corporate system and state-owned asset management mechanisms with Chinese characteristics, optimizing the structure of the state-owned economy, and strengthening the vitality and efficiency of SOEs. We have established six sub-groups, with well-organized structures, institutions, mechanisms, and functions. By making progress in line with relevant standards, we view learning from first-class enterprises as a key measure to drive value creation and high-quality development. We keep refining our management, pursuing more efficient operations, ensuring safer development, and building a more prominent brand. We have also integrated social responsibility and ESG into corporate strategies, governance, and daily operations to maximize economic, social, and environmental values.

We pursued the "carbon peaking and neutrality" goals to build stronger green growth drivers.

Genertec prioritizes ecological conservation and pursues a green, low-carbon development path. It has actively worked towards the carbon peaking and neutrality goals, improved its energy

We fulfilled our responsibilities for the benefit of the people.

conservation and environmental protection management systems, and increased investment in environmental infrastructure. It has also made coordinated efforts to reduce carbon emissions and pollution, expand green development, and pursue economic growth. This is all aimed at accelerating the development of a new green, low-carbon development model and laying a green foundation for high-quality development. We have promoted the green transformation of industries, restructured energy use, and enabled green upgrades in key areas such as machine tools, pharmaceuticals, and new materials. As part of our blueprint for the green transformation of industries, we achieved an annual production capacity of 100,000 tons of Lyocell fiber. The flame-retardant Lyocell fiber project marked a significant technological breakthrough with the successful launch of China's first 10,000-ton flame-retardant Lyocell fiber production line. Genertec Machine Tool was honored as China's Top Runner for Industrial Carbon Peaking 2023, and both Genertec Shenyang Machine Tool and Genertec Meheco Sanyang Pharmaceutical Co., Ltd., were recognized as national "green factories."

In the new era, we will strive to pursue our dreams and embark on a new journey towards success.

Genertec has fulfilled its social responsibilities by providing targeted assistance for rural revitalization. We have invested 30.35 million RMB in aid to support Wuchuan and Shangdu counties in north China's Inner Mongolia Autonomous Region. Additionally, we have purchased agricultural products worth 14.06 million RMB from these two counties and helped sell agricultural products worth 20.42 million RMB for them. Moreover, we have organized themed activities such as the "Genertec Healthcare Walkathon" and "100 Party Branches Assisting 100 Left-behind Children," contributing to rural development. Utilizing the group's medical resources, we have delivered advanced medical technology and quality health services to areas inhabited by ethnic minorities, including those in northwest China's Xinjiang Uygur Autonomous Region, southwest China's Xizang Autonomous Region, and northwest China's Qinghai Province. Furthermore, we have led disaster prevention, reduction, and relief efforts, coordinating medical treatment, material supply, communication support, construction and rescue operations. We have dispatched 56 teams, consisting of 541 people, to participate in flood, earthquake, and emergency relief.

In 2024, Genertec will align closely with the CPC Central Committee Thought on Socialism with Chinese Characteristics for a New Era and with Comrade Xi Jinping at its core. We will adhere to Xi Jinping's fully implement the guiding principles set forth at the 20th National Congress of the CPC. We will shoulder our mission, take decisive and bold actions, and contribute to technological innovation, industrial control, and safety support in the modern industrial system and the new development pattern. Furthermore, we will accelerate the development of a world-class enterprise, the building of a great country, and the rejuvenation of the Chinese nation through the Chinese path to modernization!

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Overview

This is the seventh annual Corporate Social Responsibility (CSR) report issued by China General Technology (Group) Holding Co., Ltd.

References to Genertec

"China General Technology (Group) Holding Co., Ltd." is also referred to as "Genertec," "the group," or "we/us" in this report.

Reporting Period

This report mainly provides information during the period between January 1 and December 31, 2023, but may include information outside this range.

Reporting Scope

This report provides information about Genertec and its subsidiaries, with Genertec guaranteeing the authenticity and accuracy of the reported data.

Data Sources

The business data presented in this report is sourced from official documents and statistical reports of Genertec and its subsidiaries.

Standards of the Report

United Nations 2030 Sustainable Development Goals (SDGs)
GRI Sustainability Reporting Standards (GRI Standards) issued by the Global Reporting Initiative (GRI)
ISO 26000: Guidance on Social Responsibility (2010) issued by the International Organization for Standardization (ISO)
Guiding Opinions on Better Performing Social Responsibilities of State-owned Enterprises issued by the State-owned Assets Supervision and Administration
Guidelines on Corporate Social Responsibility Reporting for Chinese Enterprises (CASS-CSR 4.0) (CASS-ESG 5.0) issued by the Chinese Academy of Social Sciences

Access to the Report

This report is available in English and can be accessed by stakeholders and the public in PDF format on the company's official website (<http://www.gt.cn>). To request a printed version, please email genertec@gt.cn. During the preparation period, we took into account the reading requirements of various stakeholders, aiming to ensure that the content is concise, clear, and easily understandable. For additional information, please scan the QR codes for more details.

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