



二次创业，做强做优
立足新发展阶段，贯彻新发展理念，融入新发展格局，
奋力开启“十四五”高质量发展新征程

Start an undertaking for the second time to be stronger and better
Based on the new development stage, act on the new development philosophy,
incorporate the new development paradigm, strive to embark on a new journey of
high-quality development in the 14th Five-Year Plan



CHINA DATANG
LOW-CARBON & GREEN DEVELOPMENT CO.LTD.

中国大唐集团
绿色低碳发展有限公司



绿色低碳 · 多能互补 · 高效协同 · 数字智慧
GREEN AND LOW-CARBON, MULTI-ENERGY COMPLEMENTATION,
HIGH-EFFICIENCY COLLABORATION, DIGITAL WISDOM



走向世界 · 携手世界 · 创造世界

REACHING OUT TO THE WORLD,
JOINING HANDS WITH THE WORLD,
CONTRIBUTING TO THE WORLD

助力中国大唐成为美丽中国建设的领军企业
世界一流能源供应商

Giving impetus to China Datang to make it a
leading company in the construction of a beautiful
China World-class top-notch energy supplier



全球背景

全球气候变暖形势危急，节能减排成为世界各国共识

从《京都议定书》到《巴黎协定》，国际社会一直在寻找公平合理地控制温室气体排放、解决气候变化问题的途径，并取得了重要进展。

FROM THE POINT OF VIEW OF GLOBAL CONTEXT:

The current situation of global warming is very critical and energy conservation and emission reduction have become the consensus of all countries in the world

Ranging from Kyoto Protocol to The Paris Agreement, the international community has always been looking for a fair and reasonable way to put greenhouse gas emissions under control and resolve the problem of climate change and has made some significant progress in this regard.

国家战略

代表人民利益，体现大国担当

从加快生态文明体制改革，到建设美丽中国。从“绿水青山就是金山银山”到“2030年前碳达峰，2060年前碳中和”。

FROM THE PERSPECTIVE OF A NATIONAL STRATEGY:

It stands for the people's interests and give expression to the responsibility of China as a great power

Topics ranging from accelerating the reform of the system of ecological civilization to building a beautiful China and from the thought of "Lucid waters and lush mountains are invaluable assets" to the targets of "peaking carbon dioxide emissions around 2030 and achieving carbon neutrality before 2060".



GREEN AND LOW-CARBON,
MULTI-ENERGY COMPLEMENTATION,
HIGH-EFFICIENCY COLLABORATION,
DIGITAL WISDOM

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碳达峰·碳中和 EMISSION PEAK AND CARBON NEUTRALITY

CO₂

全球背景及国家战略
GLOBAL CONTEXT AND
NATIONAL STRATEGY

01 公司简介

COMPANY PROFILE

中国大唐集团绿色低碳发展有限公司成立于2021年9月1日，注册资本金2亿元。在我国“碳达峰、碳中和”背景下，我们将充分发挥低碳公司的资源整合优势、业务创新能力和良好品牌效应，构建市场化资产运作体系，统筹国内国际两个市场，坚持集团内外同步发力，以绿色低碳循环发展体系建设为核心，设立低碳服务事业部和碳资产公司，成立低碳公司西南分公司，深化产学研合作，全面推动中国大唐绿色低碳转型发展。我们将秉承中国大唐长期以来的绿色低碳发展理念，深度参与国际碳市场、国内试点碳市场以及全国碳市场相关业务管理工作，为客户企业提供全方位立体化的绿色低碳资产服务，打造高质量的绿色低碳产业集群及中国大唐绿色低碳发展名片，助力中国大唐成为世界一流能源供应商，为我国“碳达峰、碳中和”战略目标的实现贡献力量。

China Datang Low-Carbon & Green Development Co., Ltd. was established on September 1, 2021 with a registered capital of 200 million yuan. Under the background of China's "carbon dioxide emission peak and carbon neutrality", we will give full play to the resource integration advantages, business innovation ability and good brand effect of green and low-carbon development company, build a market-oriented asset operation system, co-ordinate domestic and international markets, insist on simultaneous efforts inside and outside the Group, take the construction of green and low-carbon circular development system as the core, set up Low-carbon Services Business Divisions and Carbon Assets Corporation, establish Low-carbon Corporation Southwest Branch and deepen Industry-University-Research cooperation, in ways to facilitate Low-Carbon & Green transformation and development of China Datang in all respects. Adhering to Datang Group's long-standing concept of green and low-carbon development, we will take deep participation in the management of international carbon emission reduction market, domestic pilot carbon market and the related business of China's carbon market, provide customers with all-round and systematical green and low-carbon asset services, create green and low-carbon industrial clusters in high quality and Datang Group's green and low-carbon development business cards, give impetus to China Datang with view to making it a world-class energy supplier and contribute to the realization of China's strategic goal of "carbon dioxide emission peak and carbon neutrality".

02 战略目标 STRATEGIC OBJECTIVE

(1) 发展战略 | DEVELOPMENT STRATEGY

① 发展愿景 | DEVELOPMENT VISION

构建中国大唐碳资产投资运营与绿色低碳发展战略实施平台和智库机构，为中国大唐做好碳资产及相关绿色资产配置，服务国家与中国大唐“双碳”战略，助力实现绿色低碳转型发展，打造绿色创新、数字高效、具有全球影响力的世界一流绿色资产公司。

Build a platform where carbon assets investment and operation and the strategy of green and low-carbon development can be implemented and an institution of think tank for China Datang in an attempt to allocate carbon assets and related green assets well for China Datang, serve the strategies of “carbon dioxide emission peak and carbon neutrality” for the country and China Datang and facilitate the realization of Low-Carbon & Green transformation and development. All these efforts aim to establish a creative, digital and efficient world-class top-notch green assets company with global reach.



② 战略安排 | STRATEGIC ARRANGEMENT

为实现战略愿景，低碳公司实行两步走

LOW-CARBON COMPANY TAKES A TWO-STEP APPROACH TO ACHIEVE STRATEGIC VISION.

咨询

资产

资本

第一步

到2025年，基本建设成为国内一流、具备行业显著影响力的绿色资产公司，以“绿色资产价值管理”为公司发展核心理念，建设“绿色资产数字化运营平台”，构建以“双碳”咨询为龙头的“咨询－资产－资本”三位一体绿色资产运营体系。争取打造国家级“专精特新”“小巨人”企业。

STEP ONE:

Step one: by 2025, a domestically prestigious green assets company with remarkable industrial influence will be built basically. With the idea of “value-based management of green assets” as core concept of development, the company will set up and a “digital operative platform of green assets” and build a green assets operative system integrating consultation, assets and capital where consultation of emission peak and carbon neutrality takes the lead. We strive for building a national company featuring professionalization, fined management, uniqueness and innovation and “little titan” company.

第二步

到2030年，打造绿色创新、数字高效、具有全球影响力的世界一流绿色资产公司。公司全面建成现代化、数字化、国际化绿色低碳服务体系，创新驱动动力显著提升，在资产服务、智库咨询、行业引领方面形成具有国际影响力的品牌效应，通过标准制定、课题研究、产投结合深入绿色低碳转型核心领域，实现全球化业务覆盖，共享绿色低碳发展成果。争取打造世界一流专业领军示范企业。

STEP TWO:

By 2030, we aim to build a creative, digital and efficient world-class top-notch green assets company with global reach. By then, the company will establish a modern, digital and international green and low-carbon service system in all respects; its innovate driver will be strengthened significantly; it will form a brand effect with global impact in assets services, consulting from think tank and leading the industry; it will have access to the core areas of green and low-carbon transformation via standard setting, research project and the integration of industry and investment, covering global business and sharing the fruits of green and low-carbon development. All these moves prove that we strive for building a world-class top demonstration company featuring professionalization, fined management, uniqueness and innovation.



③ 战略路径 | STRATEGIC PATH

实现发展愿景，需要利用好低碳公司在碳资产业务领域的先发优势，提升公司治理水平，充分激发职工干事创业热情，强化在“碳达峰、碳中和”目标下的使命感、责任感，建设绿色创新、数字高效、全球共享、具有全球影响力的世界一流绿色资产公司。

The realization of development vision requires the use of low-carbon company's first-mover advantages in the field of carbon assets business. Specifically, we should improve corporate governance, fully ignite staff's involvement and entrepreneurial enthusiasm and strengthen the sense of mission and responsibility for the targets of "emission peak and carbon neutrality", building a creative, digital and efficient world-class top-notch green assets company with global reach and sharing.



体制机制
市场化

全域业务
精益化

运营体系
数字化

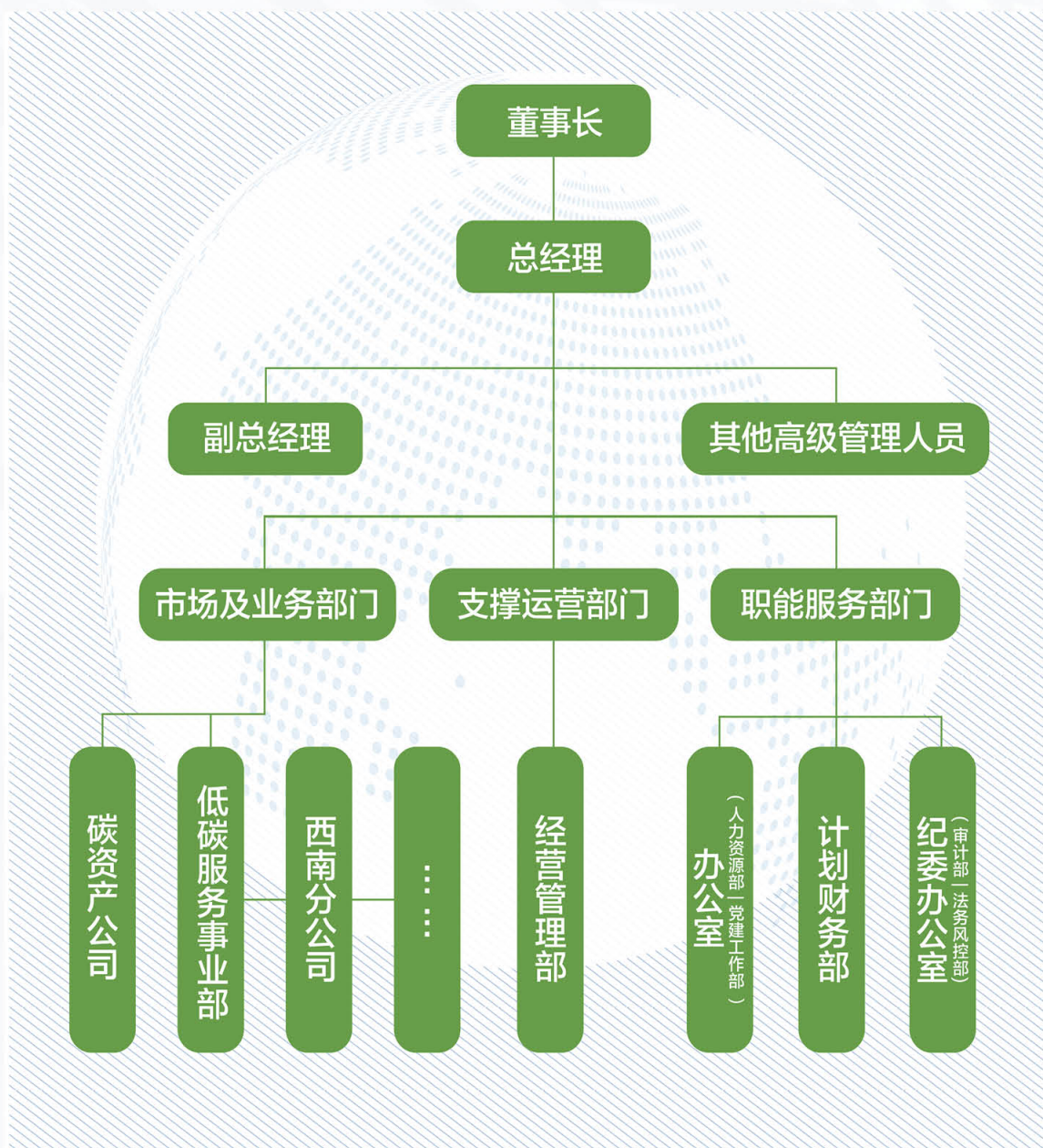
对外交流
国际化

实现公司发展愿景，应遵循“体制机制市场化、全域业务精益化、运营体系数字化、对外交流国际化”的战略路径。

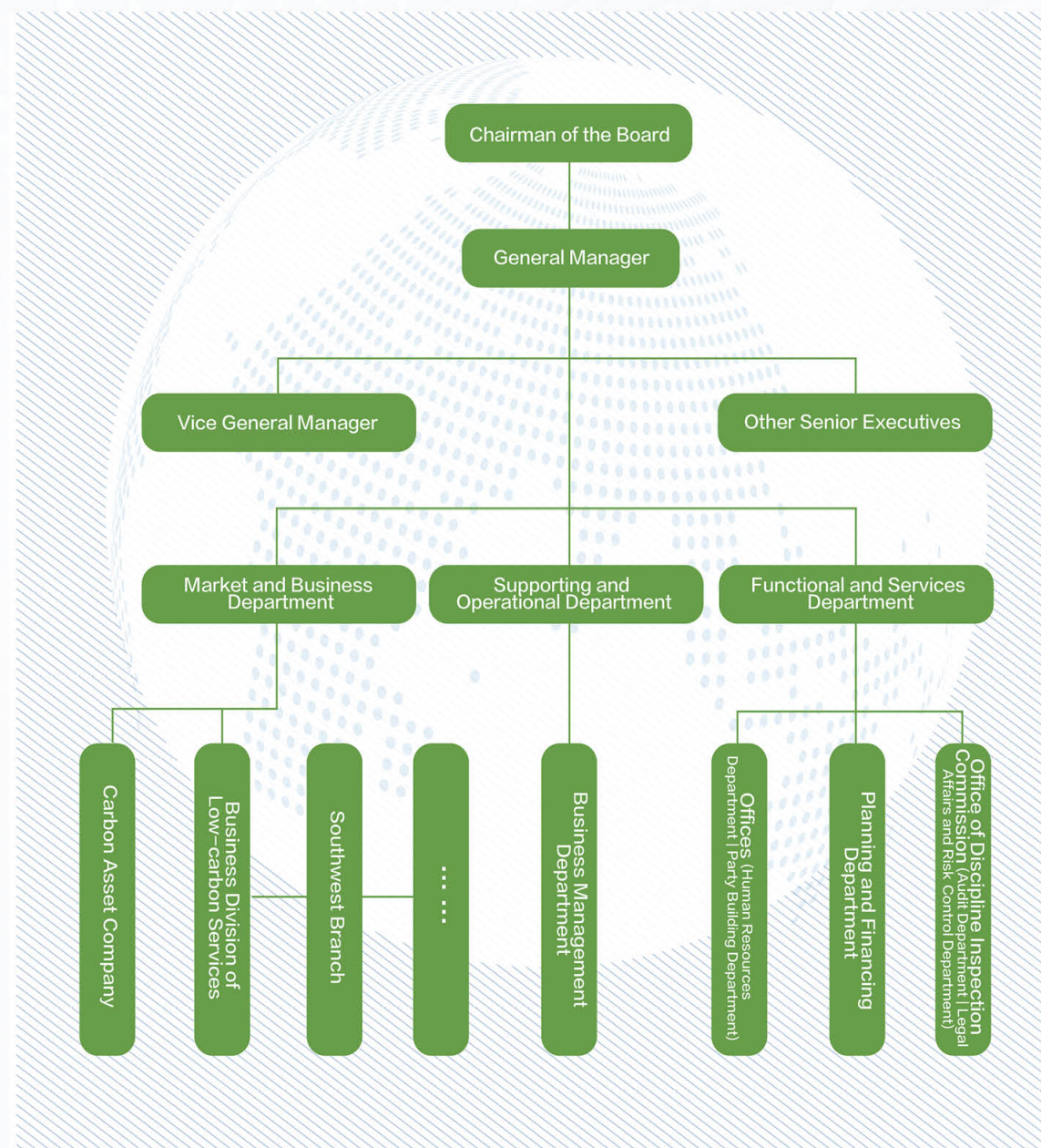
The realization of the company's development vision should follow a strategic path featuring market-oriented systems and mechanisms, lean management of domain-wide business, digital operating system and worldwide foreign exchanges.



03 组织架构 ORGANIZATIONAL STRUCTURE



ORGANIZATIONAL STRUCTURE



04 六大优势 SIX ADVANTAGES WE ARE HAVING

- 品牌优势 Advantage in Brand
- 资质优势 Advantage in Qualification
- 人才优势 Advantage in Talents
- 技术优势 Advantage in Technology
- 资源优势 Advantage in Resources
- 数字化优势 Advantage in Digital



1. 品牌优势

中国大唐投身 CDM 市场十余年，业务量世界排名第四。近年来，不断开拓国际国内市场，为中国大唐内外的企业客户促进绿色发展，积极应对气候变化、控制二氧化碳排放做出了巨大的贡献。

1. ADVANTAGE IN BRAND

China Datang has been involved in the CDM market for more than ten years, ranking fourth in the world in terms of business volume. In recent years, it has continuously explored both international and domestic markets, made great contributions to promoting green development for corporate customers inside and outside China Datang, actively responding to climate change and controlling CO₂ emissions.



业务量世界排名第四

Ranking fourth in the world in terms of business volume



2. 资质优势

我们是中国大唐唯一碳资产管理咨询机构，从 CDM 时期起即是国内领先的碳资产服务机构，多年来参与国际、国内碳市场，为中国大唐内外众多企业提供了包括碳资产开发、碳资产管理和绿色服务等一体化专业技术服务。

2. ADVANTAGE IN QUALIFICATION

We are the only carbon asset management consulting agency within China Datang and have been a leading carbon asset service organization in China since the CDM period. Over the years, we participated in exploring the international and domestic carbon markets and have provided a large number of enterprises inside and outside China Datang with some integrated professional technical services such as carbon asset development and management and green services.

碳资产
开发

碳资产
管理

绿色
服务





3. 人才优势

我们拥有深厚的碳减排专业咨询经验和优质的技术支撑团队，强大的专业技术人才团队为技术开发提供强有力的保证，三分之一员工拥有留学经历，硕士研究生以上学历占公司员工比例超过 70%。

3. ADVANTAGE IN TALENTS

We are endowed with some rich and deep carbon emission reduction professional consulting experience and high-quality technical support team. Our strong professional and technical talent team provides a strong guarantee for technology development. One-third of our employees have overseas study experience and a master's degree or above. Their number accounts for more than 70% of the company's employees' total.



4. 技术优势

在电力技术领域具有丰富的专业经验，能够快速跟进国家和行业的政策变化，随时调整开发模式，以确保客户在项目开发上的收益最大化。多次参与国家发展和改革委员会、生态环境部、工业与信息化部等部委政策制定和研讨工作，相关工作得到了各国家部委和地方政府的高度认可。

4. ADVANTAGE IN TECHNOLOGY

Rich professional experience in the field of electric power technology, enables us to quickly follow up the changes in policies of the country and the industry and adjust the development model at any time to ensure that our customers maximize the benefits of return in terms of project development. Moreover, we participated in policy formulation and discussion work undertaken by the National Development and Reform Commission, the Ministry of Ecology and Environment of the People's Republic of China and the Ministry of Industry and Information Technology of the People's Republic of China for many times and the relevant work has been highly recognized by various national ministries and local government departments.





5. 资源优势

在能源领域拥有雄厚的技术、商务和政策信息资源，与国家主管部门、国际和国内认证机构有着多年的良好合作关系，为项目的顺利开发提供了良好的保证。

5. ADVANTAGE IN RESOURCES

We have strong technical, commercial and policy information resources in the energy field and has maintained good cooperative relations with national authorities, international and domestic certification agencies, which provides a good guarantee for the smooth development of the project.



6. 数字化优势

在国内发电集团公司中率先开展了碳资产管理信息系统的建设和应用，基于碳资产管理信息系统迭代升级 2.0 需求，建设大唐集团绿色资产统一管理平台，通过集中统一的管理、分析、交易撮合、策略辅助等功能，实现高效协同和精益管理，挖掘绿色资产数据价值，实现大唐集团绿色资产利益最大化；搭建数学模型对“双碳”目标、资产数据、交易市场、深度策略类进行分析，实现风险预判、研究与应对，为大唐集团各用户实现低成本履约提供技术支持，促进绿色资产保值增值。

6. ADVANTAGE IN DIGITAL

Our company took the lead in establishing and applying management information system of carbon assets among domestic energy generation groups and companies. Based on iteration and upgrading 2.0 demand of management information system of carbon assets, we established a unified management platform or green assets of Datang Group where efficient collaboration and lean management can be achieved and the data value of green assets can be discovered with the help of centralized and unified management, analysis, matchmaking, strategy assistance and other functions to maximize the benefits of green assets for Datang Group. Besides, we built mathematical models to analyze the goal of peaking carbon emissions and carbon neutrality, assets data, trading markets and depth strategies, to facilitate our prediction and study of and response to risks, thus providing technical support for all users' low cost performance of Datang Group and contributing to the preservation or increase the value of green assets.

为迎接全国碳市场建设专业碳资产交易中心，是电力行业的第一家碳资产交易中心。交易中心目前可同时满足配额交易、配额清缴等交易工作，可实现排放数据与交易业务的统一，为客户抓住市场机会、降低履约成本、实现资产保值增值提供了技术保障。

We built a professional carbon asset trading center to cater to the national carbon market and it is the first carbon asset trading center in the power industry. At present, the trading center can simultaneously meet the trading tasks such as allowance trading and allowance settlement, realize the unification of emissions data and trading business and provide technical guarantee for customers to seize market opportunities, reduce performance costs and achieve asset value preservation and appreciation.



05 战略合作伙伴 STRATEGIC COOPERATIVE PARTNERS

	JUNO		
	买家合作伙伴 BUYER'S COOPERATIVE PARTNERS		
			
			



 CTI 华测检测 CENTRE TESTING INTERNATIONAL	 中国建筑材料检验认证中心 China Building Materials Test & Certification Centre	 CHINA CLASSIFICATION SOCIETY 中国船级社
	第三方机构 THIRD-PARTY INSTITUTIONS WHOM COOPERATING WITH	
 北京环境交易所 CHINA BEIJING ENVIRONMENT EXCHANGE	 天津排放权交易所	 上海环境能源交易所 SHANGHAI ENVIRONMENT AND ENERGY EXCHANGE
 四川联合环境交易所 Sichuan United Environment Exchange	交易所 STOCK EXCHANGES	重庆碳排放权交易中心 CHONGQING CARBON EMISSIONS TRADING CENTER
 深圳排放权交易所 CHINA EMISSIONS EXCHANGE	 海峡股权交易中心 HAIXIA EQUITY EXCHANGE	 CEEEX 广州碳排放权交易所 China Emissions Exchange



GLOBAL CONTEXT
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全球背景 | 国家战略