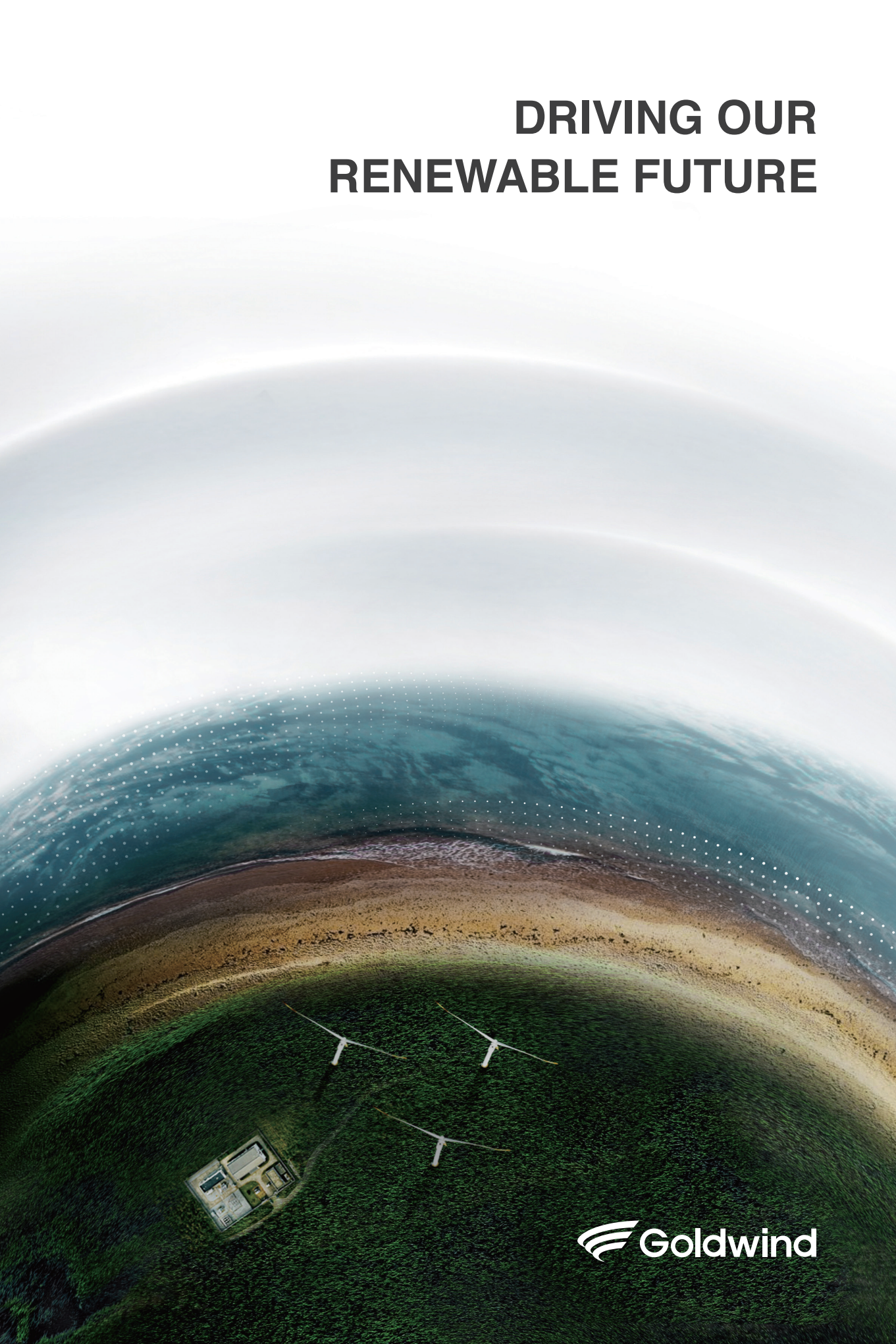
DRIVING OUR RENEWABLE FUTURE



Goldwind

Driving Our Renewable Future

48 countries across **6** continents

Global Business Network

167.3+ billion CNY

Total Assets

56.7 billion CNY

Operation Revenue

2 IPOs

Listed in Shenzhen and Hong Kong

10,000+ employees

Over 3,000 R&D Personnel



Goldwind's Global Team of Professionals and Strategic Partners Designs Next-Generation Clean Energy Solutions for New Power Systems

28%+
R&D Personnel in the Workforce

2.8+ billion CNY
R&D Investment (2024)

7,600+
Technology Patent Applications

630+
Global Standard Formulations

70+
National Level Scientific Research Programs

1
National Enterprise Technology Center

3
Postdoctoral Programs

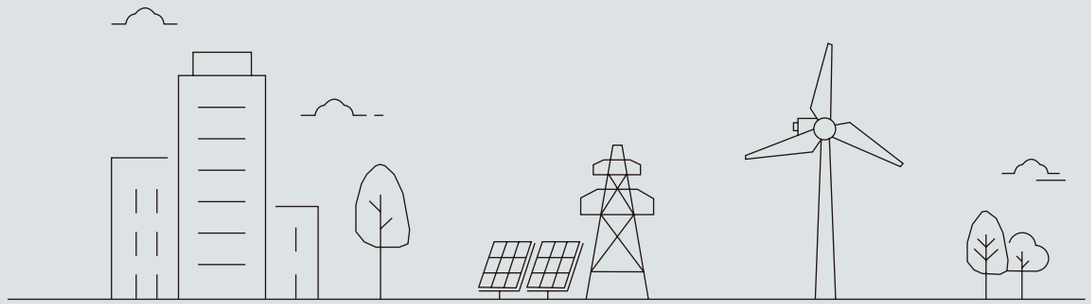
29
National Qualifications for Scientific Research

38
Provincial-level Scientific Research Qualifications

With years of best practices in clean energy, Goldwind has frequently been recognized for its efforts in clean energy innovation, green manufacturing and corporate governance.

- Outstanding ESG Practices Award
- Corporate Climate Leader
- ESG Strength Pioneer Enterprise of the Year
- Most Respected Company in Asia
- Best Investor Relations Company
- Top 50 Most Innovative Companies in the World
- Carbon Clean 200
- Top 500 Global New Energy Companies
- Top 50 New Fortune Best Listed Companies
- Fortune Top 500 Chinese Companies

Goldwind Core Business



Business Scope

Energy Equipment	Energy Development	Energy Service	Energy Utilization
Onshore Wind Turbines	Resource Development	New Energy Service	Green Chemical Industry
Offshore Wind Turbines			
Energy Storage		Net-Zero Carbon Service	Environmental Protection
Hybrid Towers			

Support Business

Finance Investment Digitalization Engineering Design Education

With a strong capacity for independent research and development, we have devised and implemented a multi-pronged globalization strategy to enhance our competitiveness and, in turn, help customers tap into the potential of sustainable energy.



Goldwind Business Distribution

48

Global Wind Power Installed Countries

41

Global Regional Centers

7

- Goldwind North America
- Goldwind South America
- Goldwind Europe
- Goldwind Africa
- Goldwind Australia
- Goldwind Asia
- Goldwind Central Asia & MENA

Global R&D Footprint

1 Global R&D Headquarters

Beijing R&D Headquarters

1 Global R&D Center

Bainiao Lake Innovation Center

6 Global R&D Bases

Wuxi E-IoT R&D Base
Wenzhou Floating Offshore Wind Power Technology Innovation Base
Yancheng R&D Experimental Testing Base
Australia (Sydney) R&D Base
Germany (Neunkirchen) R&D Base
Denmark (Hinnerup) R&D Base

Global Total Wind Power Installed Capacity

155+GW

Goldwind Equipment

Goldwind is committed to developing and deploying efficient, reliable, and lower LCOE smart wind turbines and energy storage solutions, ensuring strict quality standards, intelligent manufacturing, and a sustainable supply chain, making clean energy more accessible to customers and the world.

Behind Each Smart Wind Turbine is the Endless Pursuit of Technological Innovation and Excellent Quality





Higher Efficiency
Higher efficiency permanent magnets generator to guarantee electric energy conversion and continuously provide high-quality power output

Higher Reliability
Fewer components eliminate failures and maximize turbine availability to more than 99%

Cost-Saving
Optimize maintenance to lower overall costs

Grid-Friendly
Fully realize the flexibility of power with zero power-grid impact and outstanding high and low voltage ride-through capabilities

Intelligent BESS

BESS Products Delivered

13+GWh



High Safety

High safety standard LFP battery
Better unit granularity to improve safety

Optimized Cost

Full life-cycle quality guarantee
Liquid cooling technology to reduce battery degradation

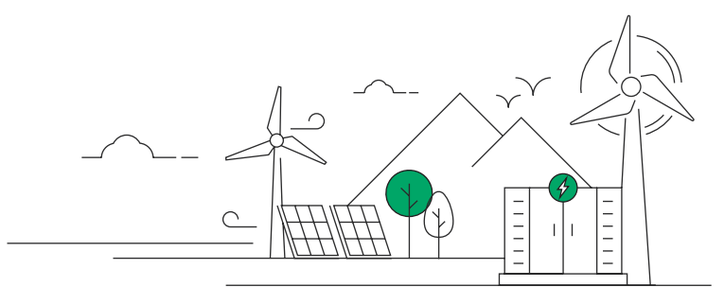
More Flexible

Completely modular design for kW to GW application
Customized solutions

Grid Forming

Grid forming BESS for weak grid/micro-grid/off-grid
VRE & IBR penetration expert

Makes the utilization of clean energy flexible and controllable, becomes the key product for clean energy to exert energy efficiency.



E-SaaS

ACCURATE
Reliable BESS Service

Controls for factors affecting revenue before project delivery.

STABLE
Grid Compliance Service

Stable and sustainable supply of clean energy electricity.

FIRM
Full Lifecycle Service

Controls for factors affecting revenue after project delivery.

ADEQUATE
Flexible Service

Future market demands are expected to become more diversified.

Leading Steel-Concrete Hybrid Tower Products Provide Stronger Support and Empower Broader Wind Power Application Scenarios

Leading Products Driven by Innovation

15+ GW

3,100+ units



Goldwind Steel-Concrete Hybrid Tower Product

Economic

- Lightweight aluminum quick-install accessories
- Uniform-diameter cost-effective tower



Performance

- Advanced 185m steel-concrete tower
- Optimal returns at 4.6m/s wind speeds





Global Total Capacity Under Service

115+GW

Goldwind Service

Goldwind's integrated service model, leveraging extensive expertise in project planning, engineering, and efficient O&M, sets the benchmark for smart, clean energy service innovation, ensuring customer needs are safely and successfully surpassed.

Smarter Energy Operation Services That Enhance Operational Potential and Create Greater Value

Clean Energy Smart Operation and Management Solution

Our innovation-driven digital transformation is guaranteed by the integrated solution of smart operation empowered by AI and our profound knowledge.
We innovate with partners, leveraging digital tech to optimize safety, efficiency, and value with clean energy operators, transitioning to smart operations.

O&M Personnel

4,000+

O&M Network Covers

30+ countries

Goldwind L3 Smart O&M Solution

Integrating business intelligence with IoT and AI, we create a smart management network that streamlines monitoring, forecasting, production, analysis, and trading, reducing operational and maintenance costs.

- Ultra-low Turbine Failure Rate
- High Resource Conversion Rate
- Efficient Field O&M Control
- Comprehensive Safety Operation Perception
- Agile Transaction Price Capture

Connected Load

1,500+MW

Green Power Sold

69.5+TWh

Net-Zero Project Implemented

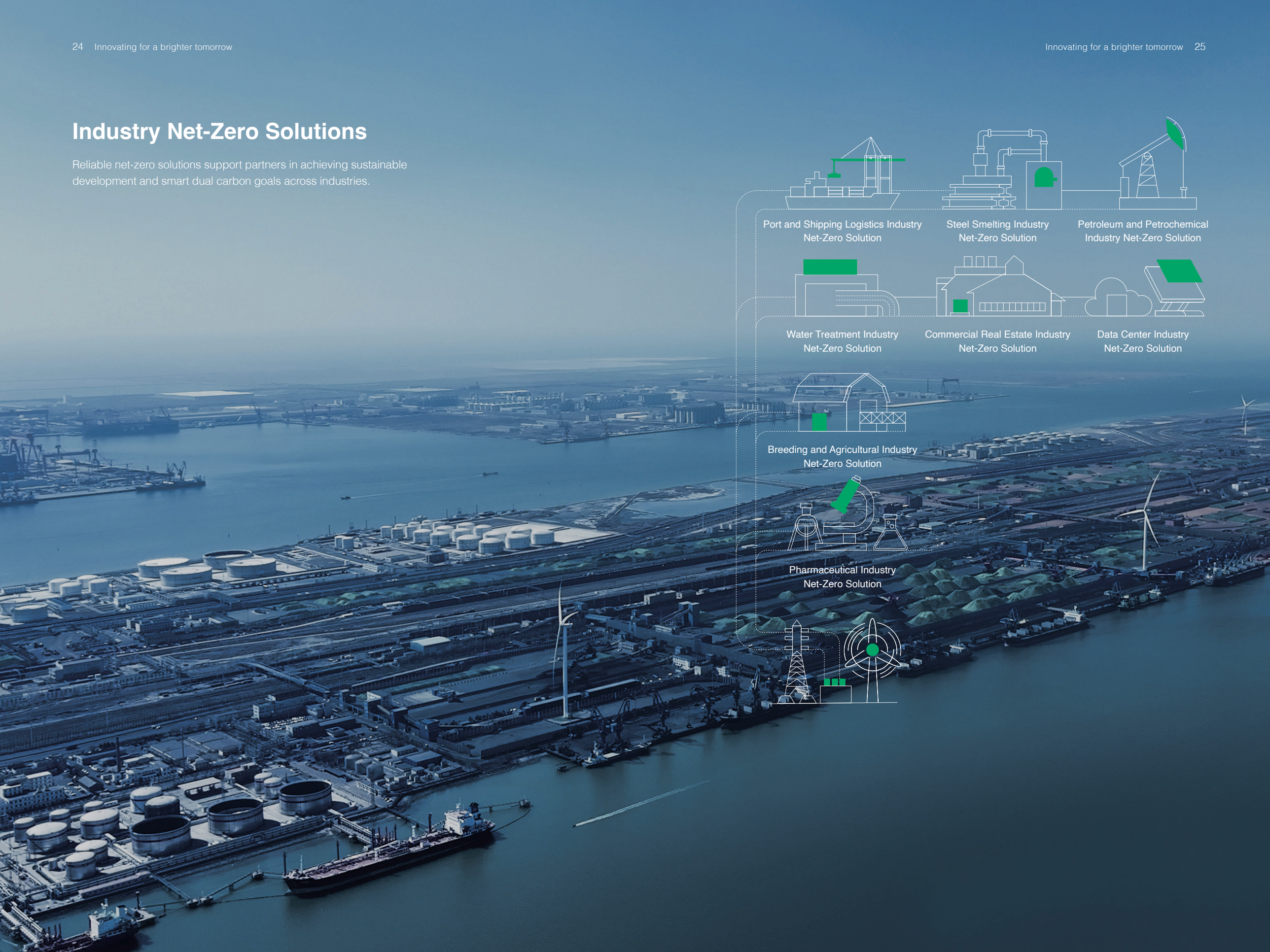
560+

Goldwind Carbon Neutral

Goldwind's carbon-neutral solutions integrate energy production, management, and utilization, ensuring secure, economical, and low-carbon development, and driving a sustainable future where economic growth is independent of carbon emissions.

Industry Net-Zero Solutions

Reliable net-zero solutions support partners in achieving sustainable development and smart dual carbon goals across industries.



Independently invested in, constructed, and operated wind farms with a capacity of

8+GW

Goldwind Energy

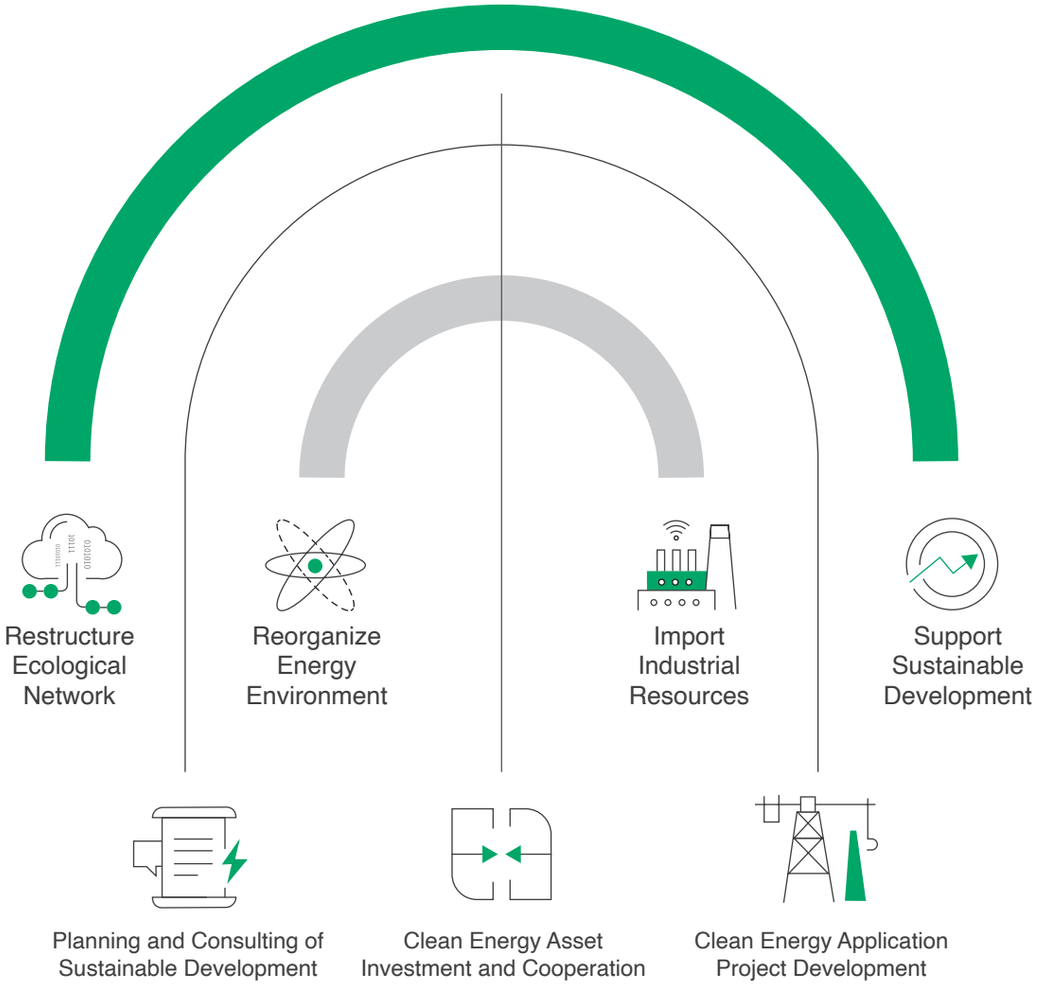
Goldwind is dedicated to developing localized wind power and clean energy, optimizing regional energy mixes for carbon neutrality, and offering comprehensive management expertise to ensure efficient, safe energy asset development.

We develop comprehensive solutions for clean energy development through goldwind EOD + Energy and sourcing support for urban planners and managers as they lay the energy foundation for a better and sustainable society in the future. Goldwind also support cities and enterprises in an effort to achieve sustainable development of the economy, ecology and social responsibility.



EOD+ENERGY

Ecology-Oriented Development with Clean Energy



Goldwind | DEEP™

Smart Energy Digital Platform

Provide insightful business intelligence and leading algorithms for various clean energy business scenarios of our partners.

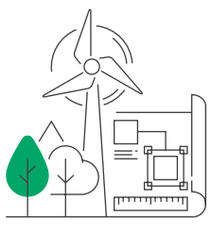


Goldwind DEEP™



ASSESSMENT

Wind resource evaluation system



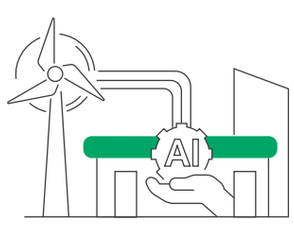
DESIGN

Planning and design system



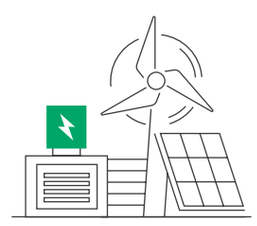
PROJECT

Engineering management system



OPERATION

Intelligent operation management system



EFFICIENCY

Integrated energy and carbon management system

Innovation-Driven Capital and Financial Services Inject Vitality Into the Development of the Clean Energy Industry



Finance Lease

Provides customers with high-quality financial services, and the business model covers direct leasing, sale-leaseback, commercial factoring, etc



Supply Chain Finance

Focus on solving the financing difficulties of SMEs and addressing the financial pressure in manufacturing and project engineering construction



Industrial Fund

Set up an industrial fund with partners to provide one-stop comprehensive financial services for wind turbines, EPC general contracting, and O&M



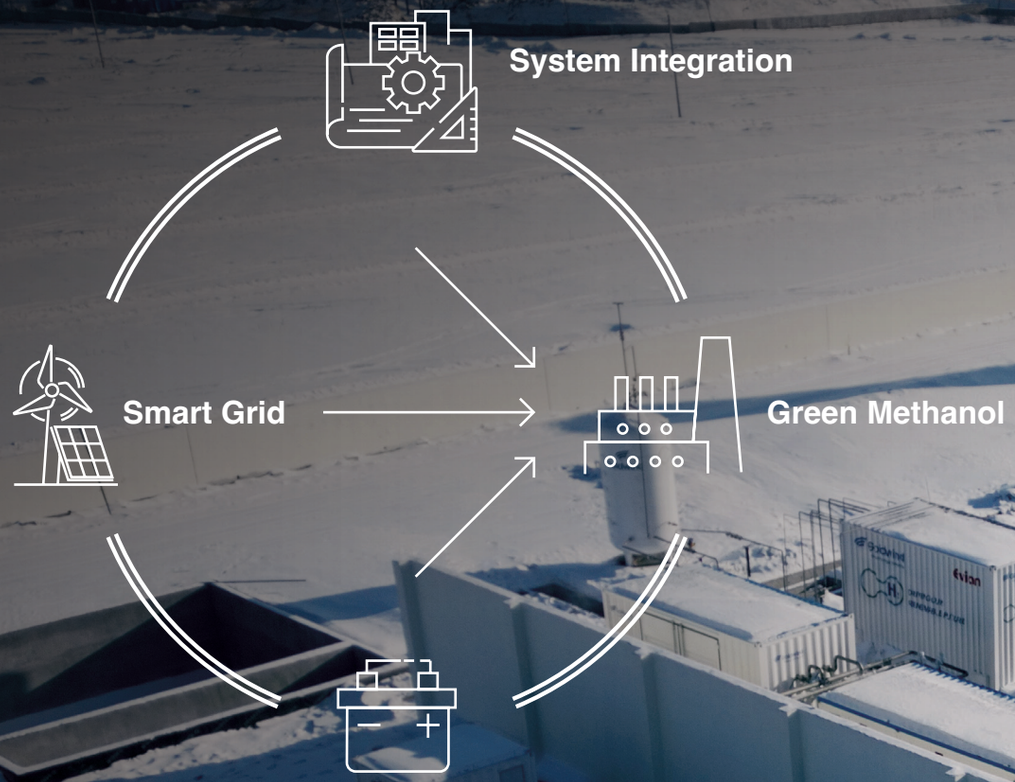
Green Finance Innovation

Explore new green financial products such as green bonds, public offering of wind energy REITs, carbon neutrality ABS, etc.



Equity Investment

Integrate the value investing concept with clean energy device manufacturing to carry out businesses such as PE and M&A

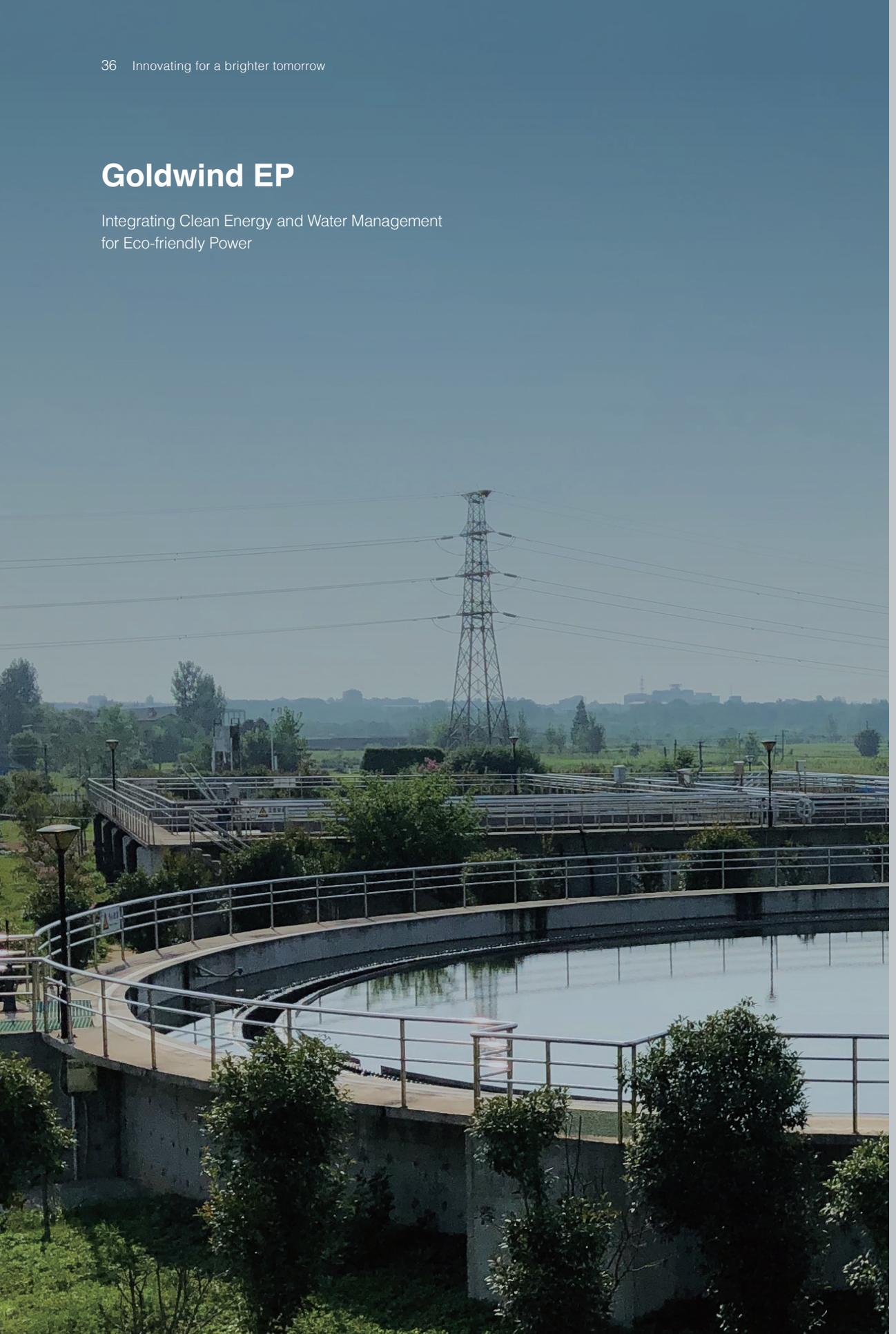


Goldwind Green Energy Chemicals

Integrating renewable - energy power generation, hydrogen - energy, and chemical technology, while also incorporating design, EPC, and O&M, it crafts a comprehensive solution for the renewable - energy chemical industry, thus facilitating the profound low - carbon transformation of the industrial sector.

Goldwind EP

Integrating Clean Energy and Water Management
for Eco-friendly Power



Water Utility Projects

64

Sewage Treatment Capacity

2.58

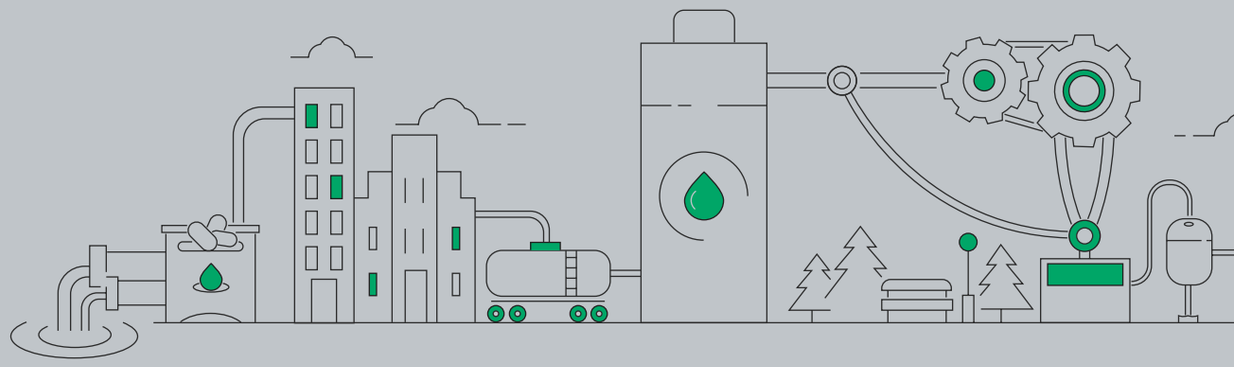
million tons/day

Investment and Operation of Sewage Treatment Project

Investment and Operation of Solid Waste Treatment

Investment and Operation of Sludge Treatment

Water Utility EPC



Goldwind Education

The Future Belongs to Those Who Constantly Pursue a Better World



Internal Empowerment at Goldwind

Back up Goldwind's strategy and provide support for the continuous development of organizations and employees

Vocational Education at College

Provide comprehensive capability enhancement solutions for colleges and universities

Development of Industrial Talents

Promote the goal of carbon peaking and carbon neutrality, and develop high-quality technical talents for the new energy industry

Industry Level Certification

Ensure safety and compliance to provide job qualifications and level certification for practitioners

Building Beautiful Communities

Promote healthy concepts and support thehealthy and sustainable development of both the industry and society



Goldwind's ESG Practices

MSCI A

Above-industry-average scores on key material issues: **clean tech, toxic emissions & waste, and labor management.**

SILVER | Top 15% ecovadis Sustainability Rating JAN 2025 Silver

It earned a **Silver** rating for the second year in a row, ranking higher than **89%** of its peers globally in the industrial machinery sector.

S&P Global Tier 1

Recognized as a **Tier-1 Wind Turbine Supplier** on S&P Global Commodity Insights' 2025 Tier 1 Cleantech Companies.

中国供应商 ESG评级平台 CHINA SUPPLIER ESG RATING PLATFORM

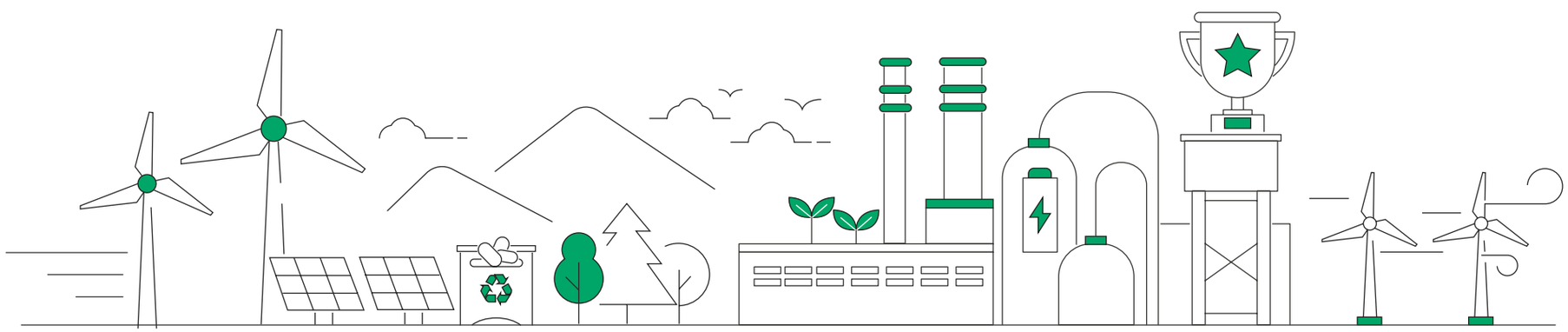
First-time participant and **"Five-Star Outstanding"** awardee in the China Supplier ESG Rating.

SUSTAINALYTICS 30

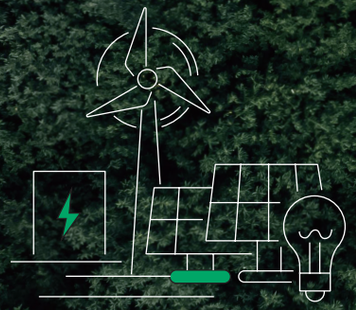
It demonstrated outstanding performance in **corporate governance and stakeholder management.**

中证指数 CHINA SECURITIES INDEX AA

Ranking in the **top 6% of the industrial sector.**



Driving Our Renewable Future



329+ TWh

Green Electricity Produced Annually



294 million tons

CO_2 Emission Reduced



160 million m³

Forests Recovered

GOLDWIND SCIENCE &
TECHNOLOGY CO., LTD.

www.goldwind.com
E-mail: Corporate Comms@goldwind.com

Goldwind