



ESG REPORT 2026

Tianjin Economic-Technological Development Area
Sustainable Development (ESG) Report
(Brief Version)



TEDA Administrative Commission

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About This Report

In 2025, the Tianjin Economic-Technological Development Area (hereinafter referred to as the TEDA) continued to implement its sustainable development strategy and actively advanced the region's sustainable development process, achieving significant results across multiple sustainable development goals spanning economic, social, and environmental dimensions. To systematically present its strategic planning and practical achievements in the field of sustainable development, and to further strengthen transparent communication with global stakeholders, the Tianjin Economic-Technological Development Area Management Committee has compiled the Tianjin Economic-Technological Development Area Sustainability (ESG) Report 2026, in accordance with standards such as the Global Reporting Initiative (GRI) Sustainability Reporting Guidelines.

Based on statistical data and relevant case studies from 2025, the Report comprehensively showcases the achievements of the Tianjin Economic-Technological Development Area in the coordinated development of the three dimensions: Environmental, Social, and Governance.

This report is issued in both Chinese and English versions. The English version is abridged and excerpted. For completeness and accuracy, please refer to the Chinese version. In case of any discrepancy between the two versions, the Chinese version shall prevail.



Timeframe

This Report is an annual report covering the period from January 1, 2025, to December 31, 2025. Where textual information or comparative data extends beyond this timeframe, such instances will be noted in the relevant sections.

Data sources

The information, data and cases contained in this report are derived from relevant documents and reports issued by the Tianjin Economic-Technological Development Area and have been reviewed by the relevant authorities. In the event of any discrepancies, the annual statistical bulletin shall prevail. This report is issued with the assurance that it contains no false statements or misleading information. This report does not constitute investment advice.

Reference Basis

"Guidelines for the Preparation of Sustainability Reports (GRI 2021)"
 "SDGs (United Nations Sustainable Development Goals) Action Guide"
 International Financial Reporting Standards (IFRS) on Sustainability Disclosures
 "Requirements and Guidelines for Environmental, Social, and Governance (ESG) Management Systems in Industrial Parks" (T/ESC 001—2024)
 Shanghai Stock Exchange Self-Regulatory Guidelines for Listed Companies No. 14 – Sustainability Reporting (Trial)
 "Requirements and Implementation Guidelines for the Sustainability Assessment of Industrial Parks" (Draft for Public Comment)

Report Publication

The Report is published in both print and PDF formats. Please visit the official website of the Tianjin Economic-Technological Development Area Administrative Committee at <http://www.teda.gov.cn> to obtain the electronic version of this report.

This report is published in both Chinese and English; the Chinese version shall prevail.

The cover photo was taken at Taifeng Park in the Tianjin Economic-Technological Development Area by Chenglong Jia on April 27th, 2026.

Stakeholder Engagement and Identification of Topics

Stakeholder Information and Engagement

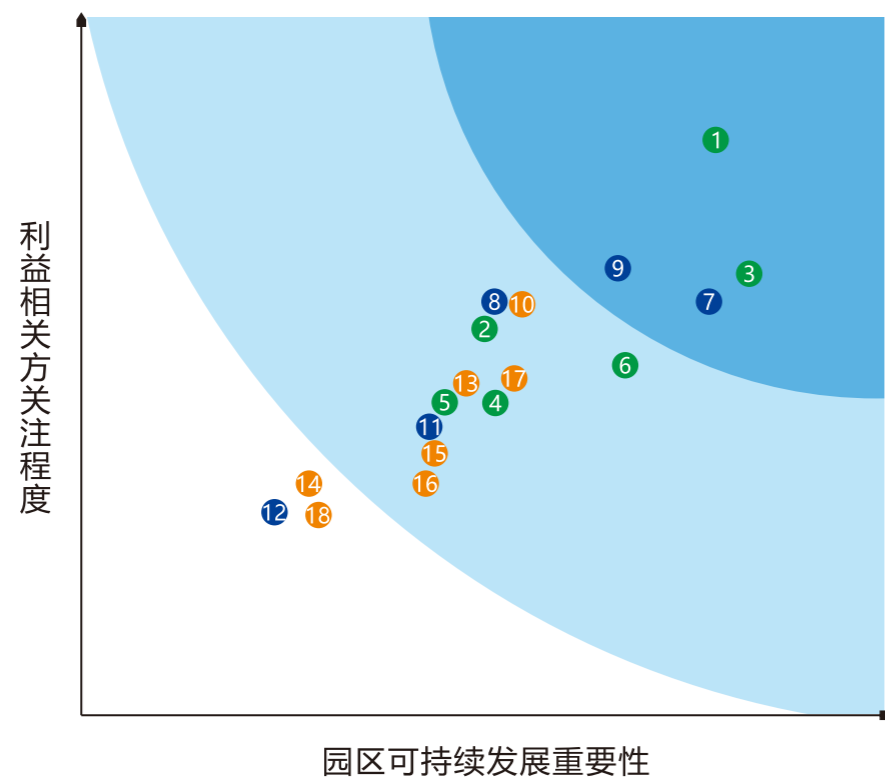
Stakeholders	Stakeholder expectations	Key communication and participation mechanisms	TEDA Response
Investors	Green Energy Supply and Infrastructure	Business Welcome Center	Expand Green Energy Supply
	Corporate Interests	Online Enterprise Service Platform	Improving Infrastructure
	Environmental Infrastructure	Dispute Mediation Center	Streamlining Administrative Procedures
	Business Empowerment	Intellectual Property Operations Center	Introducing Support Policies for Enterprises
	Business Environment		Increase Support for R&D
Regulatory bodies	Modern governance methods	Governmental Conference	Promotion of Digital Administration
	Development of laws and regulations	Various Inspection Activities	Improve Oversight of Businesses
Employees	Job Opportunities	Trade Unions	Strengthen Trade Union Development
	Labor Rights	Dispute Mediation Center	Strengthen Corporate Compliance
	Business Regulation	Employment Activities	Promote Social Dialogue
Residents	Social Security and Public Services	Community Services	Improve the Social Security System
	Community Governance	Party-Masses Service Center	Improve Environmental Quality
	Living Standard		Conduct Community Welfare Activities

To compile this report, the Tianjin Economic-Technological Development Area conducted extensive research and communication with stakeholders, including investors, regulatory authorities, employees, residents, and the community. It fully considered and effectively addressed the concerns and requests of these stakeholders, identified the level of attention each stakeholder group paid to the 18 topics across the three areas covered in the report, and prioritized them based on their materiality in relation to sustainable development.

Substantive Topics

No.	Area	Topics	Corresponding Section
1	Environment	Green Energy	02- Green Energy Supply & Infrastructure Expansion
2		Addressing Climate Change	02- Climate Governance & Carbon Emissions Reduction
3		Environmental Governance	02- Environmental Issue Management
4		Resource Recycling	02- Circular Economy Development
5		Green Policies	02- Green Policies Implementations
6		Ecological Conservation	02- Ecological Conservation
7	Society	Economic Development	03- Economic Growth and Transformation
8		Social Security	03- Public Welfare Expansion
9		Labor Rights	03-Labor Rights Protection
10		Social Equity	03- Social Equity Improvement
11		Community Services	03- Community Engagement
12	Governance	Rural Revitalization	03- Poverty Alleviation Assistance to Other Regions
13		Protection of Enterprise Rights and Interests	04- Protection of Enterprise Rights and Interests
14		Digital Governance	04 - Digital Empowerment to Government Efficiency
15		Business Empowerment	04- Business Development Measure Implementations
16		Technological Innovation	04- Science and Technology Innovation Empowerment
17		Emergency Management	04-Emergency Responses System Build-up
18		Anti-Corruption Measures	04- Political Integrity Building

- Environment
- Society
- Governance



Remarks



Hong Shicong

Secretary of the Party Committee and Director of the Administrative Committee of the Tianjin Economic-Technological Development Area

In August 1986, Deng Xiaoping personally inscribed the words “Development Zones Are of Great Promise” during his inspection of the Tianjin Economic-Technological Development Area. Over the past 40 years, guided by Deng Xiaoping’s inscription, the Tianjin Economic-Technological Development Area (TEDA) has remained committed to expanding openness, deepening reform and innovation, working hard, and forging ahead with determination. It has made significant contributions to the development of a new open-economy system, coordinated regional development, and high-quality industrial growth.

Openness brings opportunities, cooperation shapes the future. Sustainable development knows no borders, and green transformation requires global collaboration. As the important vehicle for Tianjin’s opening-up and high-quality development, TEDA has always kept the broader context of the times in mind, balancing economic growth, ecological conservation, and social responsibility, while continuously exploring and pioneering the path of coordinated development between industrialization and green transformation. In 2025, we were successfully selected as a national-level pilot zone for carbon peaking and included in the first batch of national-level zero-carbon zones, marking the start of a new chapter in green and low-carbon development.

We will always uphold the principles of openness, inclusivity, and mutual benefit; continue to increase investment in green and low-carbon sectors; deepen international cooperation in energy conservation, environmental protection, clean energy, and the circular economy; we will make investment in both infrastructure and our very own human being, devoting our full efforts to building a vibrant, lively and enthusiastic international community; and, through a superior business environment, attract global green technologies, talent, and capita.

The road ahead is long and arduous, but we will eventually reach our destination if we keep moving forward; with unwavering perseverance, a promising future awaits. Looking ahead, TEDA will resolutely pursue a path of high-quality development that prioritizes ecology and embraces green, low-carbon practices. We will empower green transformation through industrial restructuring, drive low-carbon upgrades through technological innovation, and fulfill our development mission through concrete actions.

We sincerely look forward to deepening exchanges and working hand in hand with partners from all countries and regions around the world. We are committed to contributing the strength of TEDA to the global cause of sustainable development and writing a new chapter of cooperation!



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1

General Outlook



Location Overview

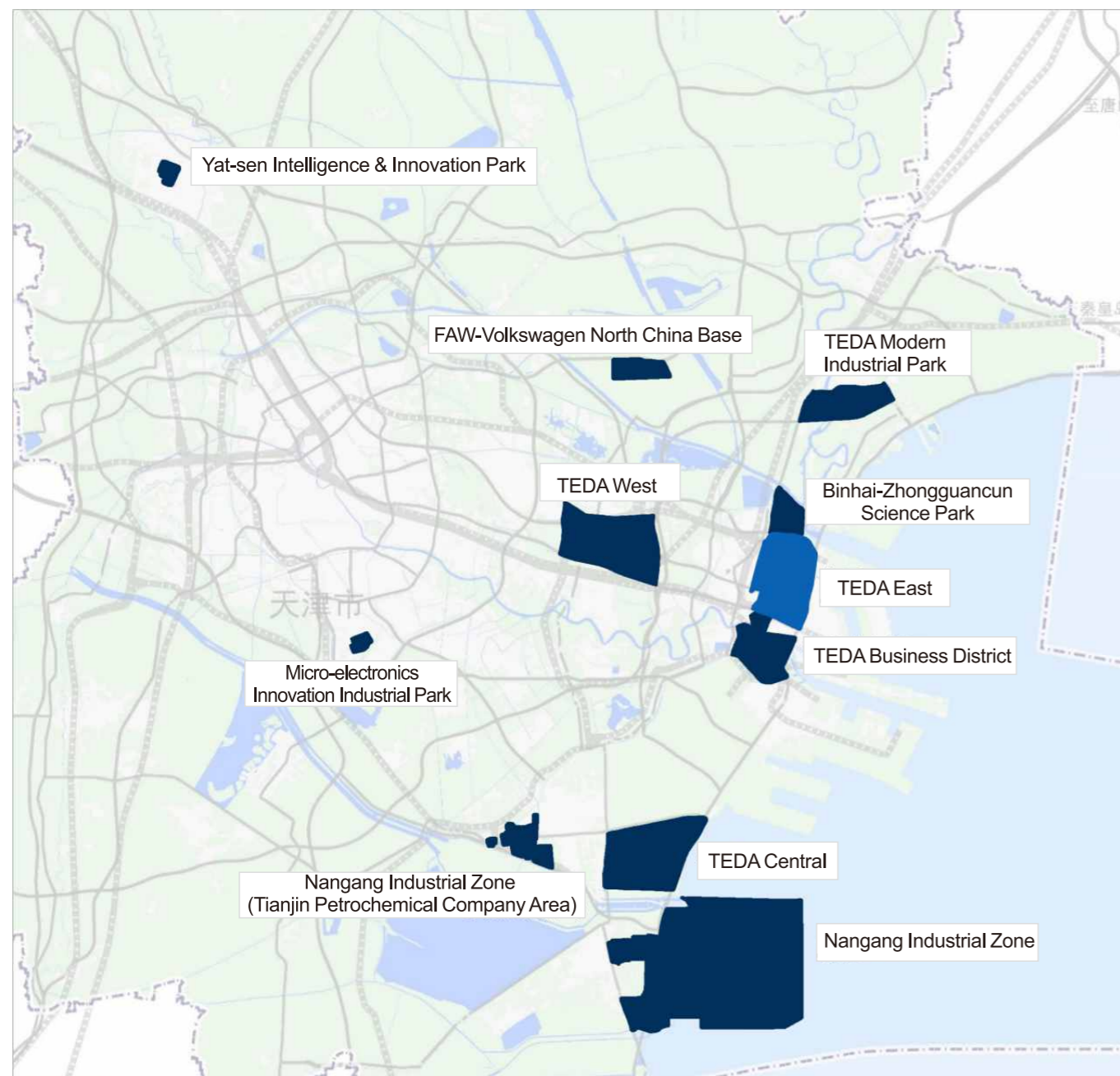
The Tianjin Economic-Technological Development Area (hereinafter referred to as “TEDA”) was one of the first batch of national-level development zones approved by the State Council in 1984. After more than four decades of development, TEDA has created a miracle of open development on a no-man’s land, building a modern industrial city. It has become one of China’s national-level development zones with the largest economic scale, the highest degree of outward orientation, and the most favorable comprehensive investment environment.

TEDA has a total planned area of 401 square kilometers, encompassing the TEDA East, TEDA West, TEDA Business District, Binhai-Zhongguancun Science Park, Nangang Industrial Zone, Central Zone, TEDA Industrial Park, Yat-sen Intelligence & Innovation Park, Micro-electronics Innovation Industrial Park, and FAW-Volkswagen North China Base, forming a “one zone, ten parks” pattern.

In 2025, the existing petrochemical industrial clusters of CNPC and Sinopec in Tianjin will be incorporated into the integrated management framework of Nangang.



Spatial Distribution



TEDA Data

Indicators	Unit	2024	2025
Gross Domestic Product (GDP)	billion yuan	255.82	258.84
Total Industrial Output Value of Enterprises Above Designated Size	billion yuan	544.3	557.5
Retail sales of consumer goods by enterprises above a specified scale	billion yuan	9.52	11.8
Listed companies	companies	17	18
National High-Tech Enterprise	companies	1,211	1,346
Share of Value Added by Strategic Emerging Industries in Total Industrial Value Added	%	40.7	39.4
Share of value added by high-tech manufacturing in total industrial value added	%	31.2	32.5
Total imports and exports	billion yuan	237.5	255.5
Actual utilization of foreign capital	million USD	855	986
Growth rate of fresh water consumption per unit of industrial value added	%	-0.7	-0.7
Reclaimed water reuse rate	%	41.6	54
Percentage of days with good air quality	%	77.3	81.5
Wastewater Treatment Plant Effluent Compliance Rate	%	100	100
Comprehensive utilization rate of industrial solid waste ¹	%	89.5	99.8
Centralized disposal rate of hazardous waste	%	100	100
Compulsory education enrollment rate	%	100	100
Number of healthcare facilities	units	100	145 ²
Percentage of social workers with a bachelor's degree or higher	%	96	95.9
Number of new jobs created	thousand	84	30
Percentage of female employees in industrial enterprises above designated size	%	36.9	36.2

¹Note: Starting in 2025, a new statistical method was adopted, and hazardous waste is no longer included in the industrial waste utilization rate.

²Note: The 2025 statistics include medical institutions in the outlying industrial parks that is managed by TEDA

2

Environment: Promoting Green Development and Fostering Harmony Between Humans and Nature



By 2025, TEDA added 11 municipal-level green factories and 1 green supply chain enterprise, as well as 7 national-level green factories. By 2025, TEDA had accumulated a total of **44** nationally recognized green factories and **13** nationally recognized green supply chain management enterprises; **98** municipally recognized green factories and **5** municipally recognized green supply chain management enterprises.

44	13	98	5
recognized green factories	nationally recognized green supply chain management enterprises	municipally recognized green factories	municipally recognized green supply chain management enterprises

Green Energy Supply & Infrastructure Expansion

Expanding Green Electricity Supply

In 2025, TEDA added 138 new renewable energy projects with a total capacity of **630,610 kilowatts**. By the end of 2025, the installed capacity of renewable energy had reached **721,876 kilowatts**. In 2025, TEDA East traded **1.3 billion kilowatt-hours** of green electricity, with green electricity accounting for **47%** of the total. The Nangang area is rich in green power resources, with 2,419.2 MW of wind and solar resources and 8.5 MW of installed distributed energy capacity. The Three Gorges Offshore Centralized Wind Power Project was completed and connected to the grid in 2025, with a total installed capacity of 204 MW. In 2025, the total volume of green power traded in Nangang reached 1.9 billion kWh, accounting for over 40% of the district's total electricity consumption.



Tianhe Digital Industrial Park Rooftop Distributed PV Project Connects to the Grid

In October 2025, the rooftop distributed PV project at the Tianhe Digital Industrial Park officially began generating power. This Project has a total installed capacity of approximately 1.22 MW, and its annual power generation is expected to reach 1.5418 million kWh, equivalent to an annual savings of approximately 463.63 tons of standard coal and a reduction of 1,270.46 tons of carbon dioxide emissions. This provides strong support for improving the quality and efficiency of REIT (Real Estate Investment Trust) asset operations and reducing energy consumption intensity.



Building Energy Storage Systems

By 2025, the cumulative installed capacity of energy storage facilities in TEDA East reached **177,000 kilowatts**, with a total power capacity of **47.1 megawatt-hours**, capable of releasing **1.05 million** kilowatt-hours of electricity daily.

Tianjin's First Ultra-Long-Duration Energy Storage Power Energy Storage Power Station Launched

The Long-Duration Energy Storage Power Station by Tianjin TEDA Electric Power Company is Tianjin's first ultra-long-duration energy storage power station. The long-duration energy storage project has a total investment of approximately 1.6 billion yuan, a total power capacity of 156 MW, and an installed capacity of approximately 1,115 MWh. At full power output, the energy storage power station can sustain power supply for approximately 7 hours, releasing 1.17 million kWh of electricity daily. It will provide approximately 388 million kWh of peak-shaving power to the grid annually. Upon completion, it is expected to absorb approximately 500 million kWh of renewable energy annually, while the rooftop photovoltaic system will reduce carbon dioxide emissions by more than 200,000 tons.



Conceptual Diagram of the Long-Duration Energy Storage Project

Promoting Clean Energy

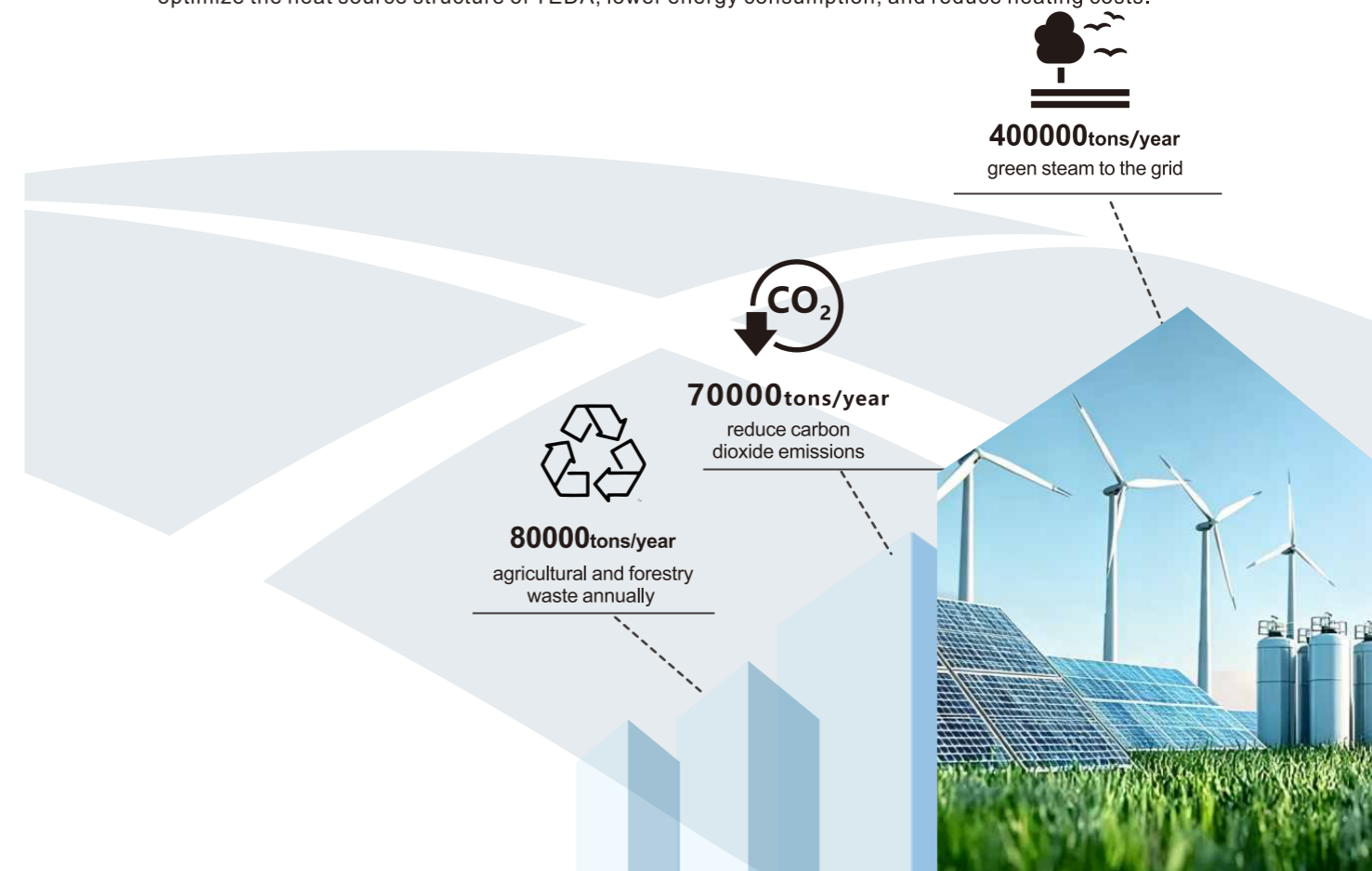
TEDA continues to advance energy transition and increase the share of clean energy. In 2025, a total of seven LNG carriers completed unloading operations at the Tianjin LNG receiving terminal of Sinopec Natural Gas Company's Tianjin LNG Terminal in the Nangang Industrial Zone of TEDA across five separate occasions, totaling approximately **540,000 metric tons**—enough to meet the monthly gas consumption needs of 53 million households.



TEDA is accelerating the commissioning of related infrastructure to enhance clean energy supply capacity. In October, the Tianjin Nangang LNG Emergency Reserve Project's outbound pipeline and the National Pipeline Network's Tianjin LNG outbound pipeline interconnection line was successfully completed. The project includes an LNG terminal with an annual unloading capacity of 5 million tons capable of accommodating LNG carriers of up to 266,000 cubic meters, 10 LNG storage tanks, gasification facilities with a maximum daily capacity of 60 million cubic meters, 26 tanker truck loading facilities, and a 217-kilometer-long natural gas transmission pipeline with a daily capacity of 60 million cubic meters, all designed to meet the gas demand of TEDA and surrounding areas.

TEDA is also replacing traditional fossil fuel-based heating with clean energy sources such as biomass. The biomass heating project at the Second Heat Source Plant of TEDA West Thermal Power Plant has been successfully commissioned. This project innovatively upgraded existing energy facilities by adding two biomass pellet boilers. Biomass energy features near-zero carbon emissions. Once fully operational, the project will consume approximately 80,000 tons of agricultural and forestry waste annually and supply 400,000 tons of green steam to the grid. Compared to steam production using natural gas, this will reduce carbon dioxide emissions by more than 70,000 tons annually, significantly lowering the carbon footprint heating units in TEDA West.

TEDA is leveraging nearby heat sources to establish a regional coordinated heating system, thereby enhancing the efficiency of the heating network. Plans are in place to integrate heat sources from the Beitang and Beijiang power plants into the TEDA East heating system. Invested in and constructed by TEDA Energy Development Co., Ltd., the project has a total investment of 150 million yuan and is scheduled to be completed and put into operation before the 2026 heating season. Once operational, it is expected to reduce annual natural gas consumption by **over 45 million cubic meters**, optimize the heat source structure of TEDA, lower energy consumption, and reduce heating costs.



Climate Governance & Carbon Reduction

Energy Conservation and Emission Reduction in Enterprises

TEDA conducted on-site inspections of 79 key energy-consuming entities, reviewed energy audit reports for 33 enterprises, and facilitated the proposal of 196 energy-saving measures. It also conducted review, acceptance, and evaluation of clean production reports for 21 enterprises, driving these companies to identify a number of renovation projects with a projected total investment of 280 million yuan. Upon implementation, these projects are expected to save **38.01 million kWh of electricity** annually, conserve over **65,000 metric tons of steam**, and reduce carbon emissions by **101,600 metric tons**.

Compliance of Key Emitting Enterprises

In 2025, TEDA added 32 new key greenhouse gas emitting enterprises. All 77 key enterprises within the zone completed the preparation of greenhouse gas emission reports and carbon verification, and fulfilled their carbon compliance obligations on schedule, achieving a **100%** carbon compliance rate among greenhouse gas emitting enterprises.

Application of New Energy Vehicles

TEDA purchased 39 new energy vehicles for the sanitation sector in 2025. This batch of vehicles will save 3 million yuan in fuel costs annually once put into service, equivalent to an annual savings of 175 tons of standard coal. At the same time, the zone is striving to promote a green transition in the freight industry. In 2025, the road freight sector across TEDA added 53 new energy freight vehicles, accounting for 68% of the total new transport capacity—a 60% increase compared to 2024. Currently, the proportion of clean transport vehicles has reached **19.3%**.



Upgrading and Renovation of Green Infrastructure

TEDA promoted energy-saving upgrades for over 30,000 streetlights within the region and implemented changes to the electricity billing model for pumping stations. Upon completion of these upgrades, annual savings are projected to reach 8.7 million yuan.

Beitang Cultural and Sports Center Fully Liquid-Cooled Ultra-Fast Charging Station Begins Trial Operation

The fully liquid-cooled charging station at the Culture and Sports Center, located in the Tianjin Binhai-Zhongguancun Science and Technology Park, has commenced trial operations. The Beitang Culture and Sports Center's fully liquid-cooled charging station utilizes fully liquid-cooled ultra-fast charging technology. By efficiently dissipating heat from the charging cables via the liquid-cooling system, it enables thinner cables to carry higher currents, thereby exponentially increasing charging power and achieving ultra-fast charging. The station is equipped with 12 ultra-fast charging guns, with a maximum charging power of 600 kilowatts, truly realizing a charging speed of "one kilometer per second."



Beitang Culture and Sports Center Fully Liquid-Cooled Ultra-Fast Charging Station

Environmental Issue Management

Air Pollution Control

In 2025, TEDA facilitated a reduction of 17.76 tons of VOCs and 1.24 tons of nitrogen oxides across four industrial enterprises, and completed 40 air pollution control projects, including the ultra-low emission retrofit at Imerys. The annual average PM2.5 concentration was 35 µg/m³, 1 µg/m³ lower than the citywide average and a 5.4% year-on-year improvement; the proportion of days meeting air quality standards reached 81.5% ranking second in the city and representing a 4.1% year-on-year increase. There is only one day of severe air pollution in 2025.

Category	2025 Actual	Target
PM2.5 Concentration	35 µg/m ³	<36 µg/m ³
Percentage of days meeting standards	81.5%	≥76%
Number of days with severe pollution	1	≤4

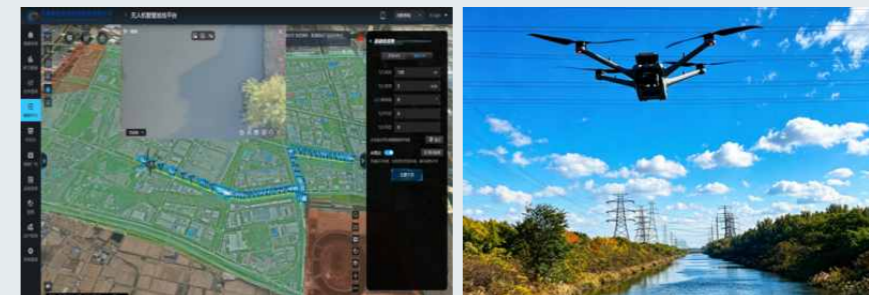
Water Pollution Management

By 2025, a total of 27 enterprises with water pollution issues were required to implement improvement actions; 15 instances of mixed stormwater and sewage pipelines were rectified; water pollution management ledgers were established for 450 enterprises; on-site inspections were completed for 144 enterprises; and 85 enterprises with issues were required to complete corrective actions.

A total of 515 monitoring samples were taken from 7 key monitored rivers, with 501 meeting standards, resulting in a compliance rate of 97.3%. A total of 120 monitoring samples were taken from the North Discharge Open Channel (a marine outfall), with all 120 meeting standards, resulting in a 100% compliance rate. Water quality at all three surface water assessment sections met the required standards. Specifically, the Jiyun River Tide Gate achieved Class IV (target: Class V), the Haihe River Main Gate achieved Class IV (target: Class V), and the East Drainage Channel achieved Class III (target: Class V). Additionally, the effluent from all five wastewater treatment plants within the district met the required standards. Meanwhile, the ammonia nitrogen levels at the Beitang discharge outlet in TEDA have dropped from 15 mg/L—as reported by the Beihai Bureau—to a long-term compliant level of 1–2 mg/L, successfully achieving the phased water quality management goals for the northern drainage system.

Drone Patrols Empower River Management

TEDA West has launched a pilot program for drone patrols. Utilizing an automated takeoff and landing airfield, drones conduct autonomous patrols around the clock. The collected data is transmitted in real-time to a smart cloud platform for unified management and analysis. AI algorithms are then employed to accurately identify five major categories of river issues—including floating debris, shoreline violations, illegal fishing, unauthorized vessels, and abnormal water color—with an accuracy rate exceeding 85%. During the pilot phase, over 1,000 river issues were identified, 30% of which were hidden problems difficult to detect manually, significantly expanding the scope of oversight. River patrol efficiency reached more than three times that of manual patrols, while the cost per kilometer was reduced by approximately 25%.



Acoustic Environment Improvement

Overall acoustic environment quality is good. Noise control indicators in Class 3 and Class 4A zones are comprehensively better than national standards, with compliance rates approaching or exceeding 90% both during the day and at night. Precise and efficient noise management effectively safeguards residents' quality of life and the health of the urban acoustic environment.

Solid Waste Management

Standardized hazardous waste management: in 2025, over 800 enterprises were assisted in completing online filing of annual hazardous waste management plans and annual report submissions, while 72 enterprises completed upgrades and renovations of inefficient or defunct treatment facilities.

Conducting Special Campaigns Against Construction Waste: by 2025, a total of 12 cases of illegal dumping of construction waste were penalized, 1 case of unauthorized disposal of construction waste was investigated, and 4 cases of road pollution caused by transportation were addressed.

Enhancing solid waste treatment and disposal capacity: TEDA operates one municipal solid waste treatment plant, which incinerates household waste to generate electricity. There are four hazardous waste treatment plants, ensuring the treatment and resource recovery of hazardous waste generated by enterprises within the area.

Circular Economy Development

The circular economy in TEDA is accelerating, with a number of key projects introduced into the industrial park :

China Resources Recycling Group Plastic Recycling Co., Ltd. has moved into the Innovative Financial Building, focusing on technological innovation, the exploration of industry standards, and enhancing international market competitiveness. The company is committed to streamlining the plastic recycling and reuse chain, reducing dependence on petroleum resources, and promoting the high-end, intelligent, and green development of the industry.

China Resources Recycling Group Motor Vehicle Co., Ltd. centers its efforts on driving the green and low-carbon transformation of the automotive industry. It aims to reduce the carbon footprint through large-scale recycling, end-to-end quality control, and cooperation on internationally advanced technologies. Focusing on three key directions—integration of the entire motor vehicle resource chain, support for national resource security strategies, and the restructuring of the industry's regulatory ecosystem—the company concentrates on the full "vehicle-component-material" industrial chain. It is building a closed-loop system encompassing vehicle recovery, dismantling, remanufacturing, and material recycling to promote standardized and regulated development within the industry.

Shanghai Ausell Materials Technology Co., Ltd. plans to establish a digital, zero-carbon factory for the intelligent, precision sorting and high-end palletization of PCR plastics. By collaborating with world-renowned partners across the industrial chain, the company aims to advance the closed-loop.

Green Policies Implementations

In 2025, TEDA recoded 21 enterprises rated as Grade A in national key industry performance, 46 as Grade B, 2 as national performance-leading enterprises, and 23 as local performance-leading enterprise.

TEDA issued the "Measures for Promoting Green and Low-Carbon Development in the Tianjin Economic-Technological Development Area" and accompanying guidelines. The scope of support covers three major areas—energy conservation and carbon reduction, ecological environment, and building energy efficiency—involving 33 supported projects. In the energy conservation and carbon reduction sector, new support was added for projects such as carbon capture, utilization, and storage (CCUS), new energy storage facilities, green electricity trading, charging stations, carbon emission management system certification, and the promotion of green technologies. In the ecological environment sector, new support has been added for performance upgrades in key industries, synergistic pollution and carbon



reduction management, the control of new pollutants, new energy transport vehicles, the creation of "zero-waste" factories, carbon footprint certification, and the publication of ESG reports. By fully leveraging the leading role of these support projects, TEDA aims to further advance its green and low-carbon transformation and achieve greater results.

Ecological Conservation

Coastal Ecological Restoration

TEDA has completed the ecological seawall project in the southern part of the Nangang Industrial Zone and the main construction of the Southern Ecological Seawall. By fully implementing ecological revetment structures, the project has created a three-dimensional habitat suitable for marine life to inhabit and reproduce. This ultimately achieves synergistic benefits in ecological restoration and disaster prevention and mitigation, providing strong support for the construction of an ecological safety barrier along the coastline and sustainable development, while further enhancing the Nangang Industrial Zone's flood and wave protection capabilities.

The southern ecological seawall project in the Nangang Industrial Zone is approximately 3,200 meters long and 7 meters high. The Southern Ecological Seawall project is approximately 1,500 meters long and 7 meters high. Both projects consist of the embankment body, two wave-breaking walls, a crest pavement, and an ecological restoration zone, and are key components of the marine ecological restoration plan. The design of both sections of the ecological seawall innovatively adopts a two-tiered sloped embankment structure, which retains the traditional sloped embankment's advantage of dissipating wave energy while significantly enhancing the overall stability and disaster prevention and mitigation capabilities of the embankment through a tiered design.

Nangang Industrial Zone Hosts Artificial Stock Enhancement and Releasing Event

The Nangang Industrial Zone hosted the 2025 Green Park Open Day and Artificial Stock Enhancement and Releasing Event. With the support of maritime patrol vessels and fishing boats from the Volunteer Fisherman, participants scientifically released 1 million barracuda fry, 200 kilograms of three-spined swimming crab larvae, 12,500 kilograms of Philippine clam larvae, and 10,000 kilograms of green clam larvae into the designated waters. Artificial Stock Enhancement and Releasing is one of the key initiatives in the ecological restoration of the Nangang Industrial Zone, helping to restore nearshore fishery resources and improve the marine ecological environment.



Biodiversity Conservation

TEDA has been actively conducting biodiversity surveys, carrying out detailed assessments of bird distribution in the core zone and the species and distribution of flora and fauna in the Nangang Industrial Zone, thereby providing a scientific basis for conservation efforts.

The bird survey in the core area of TEDA (including TEDA East, TEDA Business District and Binhai-Zhongguancun Science Park) recorded a total of 105 species across 40 families and 16 orders, covering the breeding, rearing, migration and wintering seasons. The order Passeriformes was by far the most dominant (23 families and 62 species, accounting for 59.05%), with songbirds forming the main ecological group (62 species), alongside 13 species of Gallatores and 10 species of Natatores, totaling 23 species of

waterbirds, reflecting the unique characteristics of the area where urban parks meet coastal wetlands.

The survey recorded a total of 10 nationally protected wild bird species, including **one Class I species** (Yellow-breasted Bunting) and **nine Class II species** (including Reed parrotbill). The Yellow-breasted Bunting is a globally Critically Endangered species; its discovery on Blue Whale Island indicates that the local habitat provides significant refuge for rare and endangered birds. The Reed parrotbill, often referred to as the "panda of the birds", is distributed across the Yongding New River area, Beitang Kongzhu Garden and Blue Whale Island.

The Nangang Industrial Zone is rich in avian species, with a total of 125 species recorded across 14 orders, 34 families and 73 genera, amounting to over 34,000 individual sightings. Among these, **five species of Class I nationally protected birds**—including the Oriental Stork, Black-faced Spoonbill and the Relict gull—and **17 species of Class II protected birds** were highly concentrated along the South Dike and on the western side of Donggang Pond, highlighting the area's significant conservation value as a migratory bird habitat. Beyond this, a total of 167 species across 126 genera and 47 families of seed plants were recorded, with the Asteraceae (27 species), Fabaceae (16 species) and Poaceae (16 species) being the most prevalent. Four invasive alien plant species were identified, posing a risk of further spread. There are 81 species across nine major groups of large benthic organisms, and 59 species across eight phyla of intertidal organisms, with diversity in both groups reaching a "moderate" level. Planktonic biodiversity is relatively low, with only 14 species of phytoplankton, classified as "low". Zooplankton comprises 26 species across eight major groups, classified as "fair".



Advancing Urban Greening

TEDA has thoroughly implemented the concept of green development. With "improving the quality of the living environment" as the central theme, it has coordinated urban greening projects such as the restoration of bare land and the renovation of street corner parks.

By 2025, the greening project covering 33,957 square meters in the eastern expansion area of the Modern Industrial Zone is completed, with approximately 29,288 square meters of green space and 4,667 square meters of paved sidewalks. Construction of the eastern ecological corridor along the breakwater in the Nangang Industrial Zone has commenced, with plans to plant species such as tamarisk, purple-spiked locust, white thorn, reed, and glasswort, covering an area of 72,000 square meters.




3

Social: Improving People's Well-being and Enhancing the Quality of Life




Economic Growth and Transformation


TEDA is supported by its “4+1” pillar industry system. This includes Automotive and High-end Equipment, New Chemical Materials, Next-generation Information Technology, and Pharmaceutical & Healthcare, as well as modern service industry clusters represented by finance, platform economy, digital creativity, and Smart logistics.




Automotive and High-End Equipment Manufacturing Industry: Output value to reach **209.68 billion yuan** by 2025




New Chemical Materials Industry: Output value to reach **188.28 billion yuan** by 2025



Next-Generation Information Technology Industry: Output value of **89.12 billion yuan** by 2025



Pharmaceutical and healthcare industry: output value of **80.93 billion yuan** by 2025



Modern service industry: Revenue from services above designated size is projected to reach **209.49 billion yuan** by 2025

Financial Industry: By 2025, TEDA host **158** licensed financial institutions and **1,500** fund and asset management firms, with assets under management exceeding **3.6 trillion yuan**. The financial sector's value added will account for one-quarter of the city's total, attracting a large number of leading financial enterprises such as JD Consumer Finance, ICBC Financial Leasing, CITIC Financial Leasing, and Industrial Bank Financial Leasing. Total commercial factoring assets will account for over 20% of the national total, making it the only region in Tianjin and one of the few in China to hold a full range of financial licenses.

In 2025, TEDA registered 39 domestic and foreign-funded manufacturing projects with a total investment of 18.57 billion yuan; 20 domestic and foreign-funded manufacturing projects were signed, with a total investment of 13.37 billion yuan. Driven by these numerous projects, the value added by strategic emerging industries in the Development Zone accounted for **39.4%** of the total industrial output of enterprises above designated size in 2025, while the value added by high-tech manufacturing accounted for **32.5%**.



Public Welfare Expansion

Optimizing Educational Provision

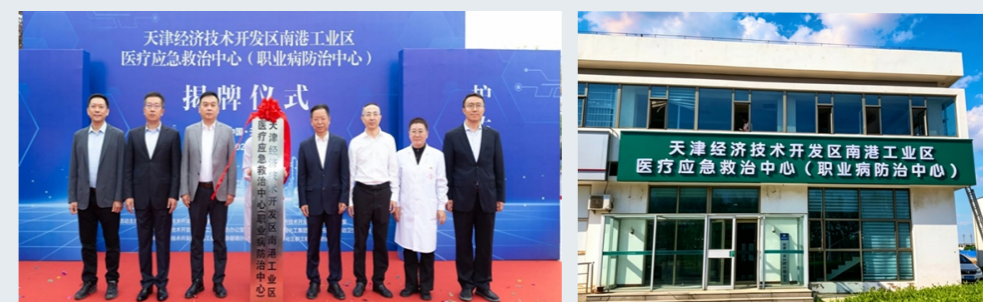
By the end of 2025, TEDA had established a total of 33 educational and research institutions at all levels, including 9 primary and secondary schools (8 public and 1 private); 1,098 new elementary school seats, 640 junior high school seats, and 220 senior high school seats were added; 21 kindergartens (11 public and 10 private); and 1 Youth Palace. There are over 23,000 children enrolled in these institutions, with more than 1,700 faculty and staff members. The universal access rate for preschool education is 100%, ensuring full coverage of public-school enrollment for all registered children of school age. The enrollment and retention rates for compulsory education are **both 100%**.

Improving the Healthcare System

As of the end of 2025, TEDA (excluding outlying area) had a total of 91 healthcare institutions. These included 10 general hospitals, 3 specialized hospitals, 44 other medical institutions operated by private entities, 1 community health service center, 8 community health service stations, and 16 enterprise health stations. There were 2,485 healthcare professionals, including 1,136 doctors. The total number of hospital beds was 1,351, and the number of outpatient visits for the full year of 2025 reached 1.97 million. The outlying area of TEDA has 54 healthcare service providers, comprising two privately-run Grade 1 hospitals, 44 other privately-run medical institutions, and eight in-house medical clinics (health stations and health care centers), with a total of 1,323 doctors.

Nangang Industrial Zone Medical Emergency Treatment Center Officially Opens

The Nangang Industrial Zone Medical Emergency Treatment Center was established and is operated by the Institute of Occupational Health of Tianjin Bohai Chemical Industry Group Co., Ltd. (Tianjin Chemical Industry Workers' Occupational Disease Prevention and Treatment Hospital). The center will prioritize the treatment of chemical accidents and specialize in the prevention and control of occupational diseases, while also providing basic medical care and public health services, striving to build a “three-in-one” emergency medical treatment system.



Improving Sports Facilities

By the end of 2025, TEDA Subdistrict will have a total of **853** sports venues, covering a **total area of 931,500** square meters, with a per capita sports venue area of 4.66 square meters. There will be a total of 130 sports institutions (including 65 off-campus sports training institutions, 17 swimming pools, and 1 diving center), as well as 30 indoor gyms.



Promoting Cultural Development

The TEDA Subdistrict Comprehensive Cultural Service Center is open to the public free of charge. It hosted **118** public cultural events throughout the year, serving over **7,300** people, and successfully organized events such as New Year's Eve celebrations, the Lantern Festival, the Chaoyin Temple Fair, matches at the TEDA Football Stadium, and the Dragon Boat Championship.



Labor Rights Protection

Strengthening Employment Support

In 2025, TEDA created **over 30,000** new jobs, with a total human resource pool exceeding **380,000** people. Throughout the year, over 72 million yuan in unemployment subsidy funds was disbursed. Additionally, 16.3 million yuan in corporate social security subsidies and job retention subsidies was distributed to 2,361 enterprises and 10,197 employees. The policy providing 15 days of rent-free accommodation at the "Yuxiang Job Seeker Apartments" and "Digital Nomad Apartments" was successfully implemented.

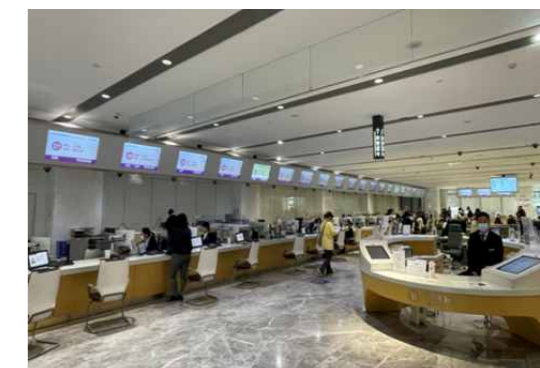
TEDA made every effort to eradicate wage arrears, issuing 4.72 million yuan in overdue wages to 148 migrant workers and resolving major potential risks of wage arrears. Based on the 2025 national data on wage arrears leads, TEDA received a total of 2,564 labor inspection leads, with a case closure rate of 97.53% during the reporting period and a **100%** on-time closure rate.



Development of Trade Unions

TEDA strengthened trade union organization building by promoting the establishment of new trade unions and utilized digital tools to consolidate achievements in trade union development. In 2025, TEDA Federation of Trade Unions guided enterprises such as CHN Energy Coal Coking Company (Tianjin) and Sinopec Star New Energy Co., Ltd. (Tianjin) to establish 100 new trade union organizations, facilitated the formation of the Innovative Financial Building, and added over 7,500 registered members throughout the year.

By applying the "Internet+" approach to empower grassroots trade union development, the zone focused on upgrading and optimizing the "Member Information" module. It diligently advanced the refined management and maintenance of member information at enterprises with established unions striving to transform trade union management toward digital networking.



Labor-Management Dispute Solving

In 2025, TEDA handled a total of 1,982 labor disputes, of which 868 were successfully mediated prior to litigation, 1,114 were accepted for arbitration, and the case closure rate for the period was **100%**.

Innovating the "Three 'Once'" Work Method. Through the approach of "listening to employees' demands once, engaging in effective communication with employers once, and improving an aspect of labor relations once," TEDA facilitated the establishment of labor law supervision committees or teams of labor relations liaisons in 420 grassroots trade unions. It also promoted collective bargaining and institutional development in over 5,000 enterprises, providing legal services to more than 6,500 employees. A total of 460 enterprises in TEDA have implemented 3,663 improvement measures across seven areas, benefiting more than 127,000 employees.

The Tianjin Juilliard School's "Summer Sounds" Music Festival Returns

In July 2025, the second Tianjin Juilliard "Summer Sounds" Music Festival is held once again. "Summer Sounds" not only fulfills Tianjin Juilliard School's commitment to serving the community and the public but also embodies its vision of connecting the world through music—this summer-long artistic celebration will nourish the city with music, ushering in another "City Festival." Since its inception, Tianjin Juilliard has hosted numerous music events open to the public. This year's "Music for the Community" series of outdoor concerts will further enrich the artistic experience in urban spaces.



Welfare Visits & Assistance

Heartwarming Assistance for Employees in Need: we established and improved a monitoring and early warning mechanism for the living conditions of employees in need, along with a routine assistance mechanism, providing targeted support and tailored measures. In 2025, we distributed over 5 million yuan in various forms of assistance, relief, and subsidies.

Heartwarming Visits and Condolences to Employees: during New Year's Day, Spring Festival, and summer "Cooling Off" activities, a total of 500 enterprises and public institutions were visited, benefiting over 200,000 employees. Additionally, leveraging the Trade Union Stations as a focal point, TEDA organized 30 special service events—including visits and free health checkups—benefiting more than 2,000 frontline workers.

Mental Health Support for Employees: in 2025, the Zone delivered "Joyful Living" group counseling sessions to 40 enterprises, guiding them to organize 50 mental health service activities that served over 50,000 employees.

Strengthening Employee Safety Measures: over 30,000 employees participated in the 2025 Safety Month series of activities, with more than 12,500 participants attending sessions on safety and occupational health knowledge to foster a corporate safety culture.

Delivering Substantive Universal Services to Employees: throughout the year, we conducted 14 universal service initiatives and "TEDA Products, TEDA Purchase" events at grassroots enterprises, distributing nearly 30,000 sets of universal service items that benefited 100,000 employees. We promoted TEDA products worth 11.299 million yuan, providing employees with direct savings of 2.26 million yuan.



Social Equity Improvement

Protection of Women's and Children's Rights and Interests

Building Women's Organizations. TEDA facilitated the upgrading of 40 standardized women's organizations and promoted the establishment of joint women's organizations in 13 key commercial buildings and over 40 social organizations. It also established 33 specialized women's service centers, including mobile service stations for working women, public interest legal service stations for women, and women's fitness and wellness stations.

Strengthening Legal Safeguards. TEDA launched the "Women Safeguarding the New Era: Legal Education for Women, Promoting Harmony" campaign, innovatively establishing six "Women's Public Interest Legal Service Stations." It expanded the rights protection service team comprising "Women's Federation Executive Committee members + women volunteers + lawyers" and trained 80 new grassroots women's legal education lecturers to provide a full-spectrum rights protection service encompassing "legal consultation + dispute mediation + psychological counseling + legal aid." At the same time, TEDA collaborated with the Binhai New Area People's Court to organize practical activities such as courtroom observation sessions and "parent-child mock trials." It also launched the "Xinyue Station" online legal education platform and held quiz competitions both online and offline to enhance legal awareness among women and children, attracting over 3,000 female employees to participate.

Childcare Support. A survey was conducted on the current demand for childcare services among employees of 100 enterprises. Eight sessions of the "TEDA Children's Home" summer childcare program for employees' children were organized, and 17 childcare sessions were assisted at grassroots enterprises, serving a total of 746 children of employees in the area. These efforts empower the growth of employee families and foster a child-friendly atmosphere in the region. Currently, seven childcare providers in TEDA have been approved for government subsidies, with over 10 million yuan in childcare subsidies disbursed, effectively reducing the cost of raising children for families. TEDA Street has 695 childcare slots for infants and toddlers under three years of age, with 4.54 slots per 1,000 people, exceeding the "14th Five-Year Plan" targets.

Construction of Nursing Rooms. Throughout the year, TEDA guided and supported seven enterprises in completing the construction of new nursing rooms, supported one enterprise in upgrading its existing facilities, and nominated 11 units for consideration as "Mommy's Homes" at the Binhai New Area and Tianjin municipal levels.



Care Services for the Elderly

Focusing on the practical needs of the elderly, TEDA established a three-tiered elderly care service system comprising “one nursing home, one comprehensive care center, and multiple service stations.” This system includes the TEDA International Nursing Home, the First Comprehensive Elderly Care Center, and 10 senior day care centers. Additionally, senior dining halls were fully deployed across 22 communities, achieving near-universal coverage for care and meals for the elderly within the jurisdiction.

The district distributed **2.69 million yuan** in welfare subsidies to support 1,223 seniors aged 80 and above. TEDA Hospital established a dedicated geriatric health department to promote integrated medical and elderly care services, providing home visits to 50 seniors with disabilities.



Employment Support for Vulnerable Groups

We continued to improve the service and support system for people with disabilities. Throughout the year, we issued 102 new disability certificates, processed 37 transfers in, and 21 transfers out; distributed 86 assistive devices; and disbursed 869,900 yuan in two types of subsidies for people with disabilities. We also centralized the application process for various subsidies, including communication, water, electricity, and gas, heating, home care, financial aid, and scholarships. At the same time, TEDA adopted a demand-oriented approach, conducting 2,000 individual needs assessments for people with disabilities. Concurrently, TEDA advanced employment needs surveys and organized specialized job fairs to help people with disabilities integrate into society. We hosted more than 10 cultural and sports events promoting inclusion between people with and without disabilities, conducted legal education and disability prevention awareness lectures, and established a legal aid mechanism to effectively safeguard the legitimate rights and interests of people with disabilities.

Social Security for Vulnerable Groups

Throughout the year, TEDA safeguarded the rights and interests of 29 households receiving minimum living allowances, 1 household on the verge of falling below the poverty line, 2 individuals receiving special assistance for the destitute, 6 children in difficult circumstances, and 11 children effectively without parental care within its jurisdiction, disbursing a total of 1.335 million yuan in various forms of social assistance funds.



Community Engagement

Promoting Volunteer Services

A large volunteer service team has been established. As of the end of 2025, Taida Subdistrict had registered **131** volunteer service teams. The “TaiYOU Love” volunteer service platform had a cumulative total of **32,887** registered volunteers and had published 8,378 volunteer service activities. TEDA Street has a total of 222 social workers, including 72 men and 150 women; 143 are Party members; 213 hold bachelor’s degrees or higher; 39 are certified national social workers; and 117 are assistant social workers.

Volunteer training and service initiatives are actively promoted. In 2025, TEDA Social Service Volunteer Association conducted a total of 4 professional training sessions, organized 8,378 volunteer service events, and accumulated **290,493 hours** of service.



Charity Activities

In 2025, TEDA carried out a total of 43 charitable projects across sectors including education assistance, elderly care, disability support, medical aid, kindergarten support, and disaster relief. Total community donations for the year amounted to 9.7406 million yuan. Of this, 9,488,200 yuan came from monetary donations and 252,400 yuan from in-kind donations. Donation expenditures totaled 9,631,200 yuan, including 9,378,800 yuan in monetary disbursements and 252,400 yuan in in-kind distributions.

Promoting Public Science Education

As of 2025, TEDA has five national-level science popularization education bases (Tianjin Haichang Polar Ocean Park, Tianjin Motimo Membrane Technology Group HQ., TEDA Eco Center, Tianjin Pharmaceutical Da Ren Tang, and TEDA International Cardiovascular Hospital), as well as municipal-level science popularization bases such as the Meteorological Early Warning Center, Great Wall Motors, Tianlong Agriculture, Master Kong, TEDA Library, and TEDA New Water Source.

Each science popularization base leverages its own strengths to publish science content or host science popularization events through platforms such as WeChat Official Accounts, Douyin, and Video Accounts, achieving widespread reach and deep engagement in science popularization services.

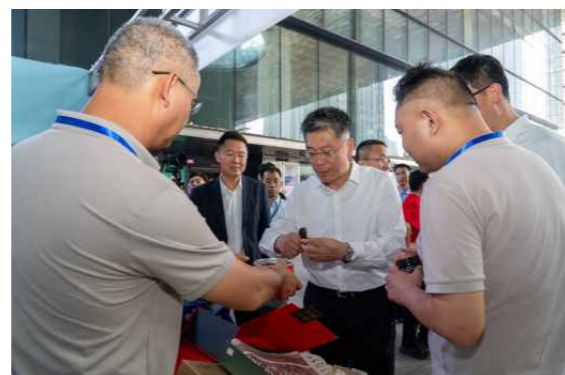
TEDA International Cardiovascular Hospital published over 1,400 science popularization articles via its official WeChat, Douyin, and Video Channel accounts, with both page views and likes exceeding one million. Through public welfare clinics and free screening services, the hospital distributed over 7,000 informational materials, embodying its motto of “Benevolence and Service to the World.” The Master Kong Beverage Experience Hall attracted over 15,000 online viewers through “cloud science popularization” live streams. The Meteorological Early Warning Center, TEDA Library, and other institutions promptly reported on science popularization activities, fostering an atmosphere of science outreach and reaching an online audience of over 50,000 people throughout the year.



■ Poverty Alleviation Assistance to Other Regions

TEDA formulated the “2025 Implementation Plan for High-Quality Promotion of East-West Collaboration and Support Cooperation in the Tianjin Economic-Technological Development Area” to coordinate and advance targeted support efforts. Throughout the year, 10 million yuan in financial assistance funds were disbursed to the Huangnan Prefecture Finance Bureau, facilitating 5 million yuan in new investments by two enterprises. Consumer-based assistance reached a cumulative total of 32 million yuan, and donations from all sectors of society amounted to 3.1 million yuan. The TEDA Street Community Health Service Center, TEDA Hospital, and Taixin Hospital were organized to travel to Huangnan Prefecture, Qinghai Province, to conduct free medical consultations and medicine donations, bringing health assistance directly to local residents.

During the National Day holiday, the JD.MALL Tianjin Binhai Store hosted the “Exhibition of Famous and High-Quality Products from Huangnan Prefecture,” bringing together eight leading enterprises from one city and three counties in Huangnan Prefecture to offer Binhai residents a consumer extravaganza that combined ecological quality with ethnic charm. During the Tianjin Investment and Trade Fair, a Party and government delegation from Huangnan Prefecture visited Tianjin Pharmaceutical Da Ren Tang Group Corp., Ltd. for an exchange, jointly exploring ways to promote collaborative cooperation in the pharmaceutical sector.



4 Governance: Improving the governance system and advancing the modernization of regional social governance



Protection of Enterprise Rights and Interests

Strengthening Intellectual Property Protection

In 2025, TEDA recorded **2,276** new patent authorizations, representing a **57.5%** increase compared to 2024. The total number of authorized patents in the area exceeded 10,000, including 930 invention patents, 1,191 utility model patents, and 155 design patents. As of the end of 2025, TEDA had disbursed a total of 557 intellectual property policy incentives, amounting to 18.571 million yuan.

Tianjin Green Fine Chemical Industry Intellectual Property Operation Center Inaugurated

The Green Fine Chemicals Industry Intellectual Property Operations Centre, spearheaded by TEDA, has been officially inaugurated following the presentation of a plaque by the National Intellectual Property Administration. The Centre will establish two patent pools—one for fine chemicals and the other for new chemical materials—to provide precise patent navigation and technology matching services to enterprises across the entire industrial chain. Furthermore, the Centre will collaborate with universities, research institutions, leading enterprises and intellectual property service providers to facilitate the transfer of patented technologies from the researcher to the producer, thereby effectively enhancing the level of patent commercialization and utilization.



Strictly Enforcing Trade Secret Protection

By 2025, TEDA had established 7 trade secret protection service stations and 24 trade secret protection liaison enterprises in three batches, forming a “**1+7+24**” trade secret protection system centered on one trade secret protection base.

Strengthening Administrative Law Enforcement

TEDA is committed to advancing both the rule of law in the zone and law-based administration, while integrating the construction of a law-based government and a law-based society, thereby providing a strong legal foundation for promoting high-quality development in the zone. All departments fully perform their respective functions in accordance with the law, based on statutory authorization and institutional responsibilities, effectively safeguarding the zone’s economic development and social stability.

The Government Service Hall processed approximately **146,000** cases annually, handled **31,715** business registration applications, provided human resources and social security services to **76,626** individuals, and processed **68,908** comprehensive government affairs cases.

In 2025, the office handled over 5,000 inquiries regarding human resources policies. Efforts to strengthen the coordination between mediation and arbitration were intensified, resulting in an 86% mediation success rate and a 97% case closure rate within the same period. The office organized five specialized training sessions and Q&A sessions on labor relations policies and complex employment issues for key enterprises within the zone, training over 220 companies and providing one-on-one specialized guidance to 83 key enterprises. TEDA organized eight special legal service sessions, including the “TEDA Harmonious Labor Relations Lecture Series” and “TEDA Legal Consultation,” training over 500 enterprises. This enhanced corporate compliance awareness regarding labor practices, resulting in a 5% year-on-year decrease in disputes arising from inadequate institutional frameworks.

TEDA Financial Court received reward

The TEDA Financial Court has been selected for the Supreme People’s Court’s eighth batch of case studies for its innovative practice of “promoting self-regulation among financial enterprises through the judiciary”. As Tianjin’s first specialized financial court, the court received 4,202 new cases in the first half of 2024, a year-on-year decrease of 19%. The court has established a comprehensive mechanism including prevention, governance and dispute resolution. In terms of prevention, through “one-by-one needs assessment” initiatives, it provides early warnings to financial institutions, resulting in a reduction of 1,178 loan disputes for a certain auto finance company and a 0.6% decrease in the overdue rate; In terms of governance, it pioneered a model combining “mediation intervention during internal collection phase + judicial confirmation + enforcement”, with 86% of cases in the first half of the year achieving source-level dispute resolution through pre-litigation preservation and mediation. Regarding dispute resolution, the court integrated resources such as arbitration and notary services to establish a Financial Dispute Resolution Centre, which mediated 12,931 cases in the first half of the year, achieving a success rate of 45%.

Digital Empowerment to Government Efficiency

Integrated Government Services

TEDA began utilizing an online archive inquiry platform to enable real-time access to and sharing of enterprise registration information. This allowed for online data entry and filing to be completed before physical archives were mailed from the previous location. The zone consolidated enterprise relocation registration and change procedures into a “one-stop service,” and pushed information in real time to departments such as human resources and social security and taxation. As a result, enterprises no longer need to travel back and forth between locations to complete registration procedures, achieving “online connectivity and one-time completion.” Continuous development of the Enterprise Service Cloud platform’s features—including simplified login processes, optimized event registration methods, and integration with state-owned asset management systems—significantly enhanced the platform’s service efficiency.

The “TEDA Enterprise Service Cloud” platform introduced the “TEDA Enterprise Cloud × DeepSeek” intelligent assistant, providing 24/7 enterprise consultation services and round-the-clock support, ensuring enterprise services are available at any time; the “Policies Reaches Enterprises” section was upgraded to build a “Policy-Enterprise Matching System,” with policy push accuracy exceeding 95%, significantly improving policy service efficiency; The “Business Environment” section’s space-related service module has been intelligentized, enabling the recommendation of building and factory space information based on enterprise needs. This shortens enterprise decision-making cycles while supporting regional investment promotion and asset revitalization. The platform has accumulated nearly 16,000 registered enterprises, published nearly 2,800 policies, listed 11,000 enterprise products, and recorded over 10-million-page views. Additionally, the platform has documented and resolved more than 3,000 enterprise issues, achieving a 100% satisfaction rate.



Streamlining Public Services

The "Smart Assistance" and "Smart Government Services" systems were launched to serve local residents. The assistance system interfaces with Tianjin's "One-Stop Government Services" platform, with the first batch of services covering five categories, including "Establishment of Retail Outlets for Publications." Businesses and citizens can complete application submissions through an innovative "chat-while-processing" approach. The "Smart Case Assignment" system focuses on processing 12345 service requests. Leveraging big data analysis and AI algorithms, it intelligently parses request content to quickly and accurately determine the appropriate functional department, then precisely assigns the case to the relevant department and staff member, making case allocation more precise and efficient.



The Digital Urban Management Platform recorded a total of over 510,000 case files throughout the year, including more than 65,000 manually reported cases. Of these, over 63,000 were due for closure, with over 53,000 actually closed, resulting in a closure rate of 84.89%. Cases reported through self-resolution, special surveys, and traffic grid officers totaled over 320,000, while those reported by video surveillance vehicles totaled over 110,000, with an identification accuracy rate of 96.84%; autonomous intelligent grid vehicles reported over 7,000 cases, with an accuracy rate of 81.51%.

In terms of human resources management, TEDA has implemented electronic file review, self-service file retrieval, and digital employee systems. A total of over 300,000 online and offline transactions has been processed, with an 80% same-day completion rate and a 100% next-day completion rate. The zone handles an average of over 1,000 calls and visits per day, achieving 100% service satisfaction. In housing services, the TEDA Talent Housing Company officially launched the "Smart Apartment Management Platform 1.0" in 2025. Integrating modules such as the service mini-program, a leasing system, and smart facility IoT, the platform covers the full chain of functions—including rental services, operational management, and safety assurance—to provide industrial talent in TEDA with a smart, convenient, and safe living environment.

Construction of a "Zero-Waste" Park. TEDA Investment, a subsidiary of the Economic and Technological Development Zone, has registered 31,700 users for its mini-program, helping residents recycle 650 tons of recyclables and 6.5 tons of hazardous waste, with an average of approximately 2,200 bags of food waste collected daily.

Refined Urban Governance

In 2025, the Nangang Industrial Zone was selected for the list of typical case study parks for smart chemical industrial parks under the 14th Five-Year Plan.

The Nangang Industrial Zone has established a smart park management platform architecture, comprising 1 management dashboard, 1 digital application platform (including a geographic information data center), 3 monitoring and early warning centers, and N business application modules (including smart security, smart environmental protection, smart emergency response, access control, hazardous chemical vehicle management, disaster prevention and mitigation, smart energy, and smart



municipal services). Utilizing real-time monitoring from terminals such as Beidou positioning for hazardous chemical vehicles, electronic traffic enforcement cameras, and water level monitoring stations, the system automatically mobilizes nearby resources upon the occurrence of an emergency and simultaneously feeds back information to designated personnel. Construction of the Nangang Industrial Zone Smart Park Management Center has commenced, covering a range of sectors including safety, environmental protection, emergency response, access control, energy, and municipal services.

Vehicle Management. By 2025, TEDA had completed the installation of Beidou vehicle terminals on 731 "passenger, bus, and hazardous materials" vehicles as well as heavy-duty general cargo vehicles, achieving an overall completion rate of 64%. Specifically, 100% of the 113 hazardous materials vehicles were equipped, while 57% of passenger vehicles and 61% of general cargo vehicles were completed.

Roads in TEDA Approved for Intelligent Connected Vehicle Testing

The Tianjin Municipal Commission of Transport, the Municipal Bureau of Industry and Information Technology, and the Municipal Public Security Bureau have jointly issued a notice confirming that 507 registered roads within TEDA comply with relevant national and municipal standards. These roads are now open for road testing and demonstration applications of Intelligent Connected Vehicles (ICV). TEDA has actively promoted the opening of test routes for intelligent connected vehicles and has successively completed the drafting of the 'Implementation Plan for the Opening of ICV Test Roads in the Tianjin Economic and Technological Development Zone' and the 'Safety Assessment Report on the Opening of ICV Test Roads in the Tianjin Economic and Technological Development Zone', and submitted these to the Municipal Transport Commission for filing. Relevant enterprises may submit applications in accordance with the "Tianjin Regulations on Promoting the Development of ICV" and the "Implementation Rules for Road Testing and Demonstration Applications of ICV in Tianjin (Trial)", and conduct testing on the designated roads.

Intelligent Manufacturing

TEDA actively promotes industrial intelligentization and was successfully selected as one of the Ministry of Industry and Information Technology's Top Ten National Model Cases for Manufacturing Digital Transformation at the park level in 2024. As of 2025, the zone has applied for designation of 1 national-level "Excellence-class" smart factory and 12 municipal-level "Advanced-class" smart factories, ranking among the top in the city in terms of quantity.



Business Development Measure Implementations

Strengthening the Foundation of Policy Support

By 2025, multiple policy measures have been formulated to safeguard enterprise development. The "Measures of the Tianjin Economic-Technological Development Area on Promoting High-Quality Development of the Financial Industry" and the "Operational Guidelines for the Measures of the Tianjin Economic-Technological Development Area on Promoting High-Quality Development of the Financial Industry" focus on four key areas: enhancing the level of financial services to the real economy, supporting the high-quality development of financial enterprises, supporting the clustering of the financial industry, and fostering a favorable financial ecosystem. The "Measures of the Economic-Technological Development Zone on Deepening Scientific and Technological Innovation to Accelerate the Development of New-Quality Productive Forces" actively addresses challenges enterprises face in patent commercialization and technological innovation through a "use-first, pay-later" licensing model, thereby improving the patent licensing mechanism between universities and enterprises.

Green Finance

ETD Secures Green Financing for Green Power Projects

TEDA-based enterprise Tianjin ETD Energy Technology Co., Ltd. has secured an additional 633 million yuan in financing from Tianjin Rural Commercial Bank, bringing its cumulative financing to 1.383 billion yuan. The funds will be used for Phase II of TEDA Comprehensive Energy Project, which aims to establish a full-chain energy service network covering photovoltaic power, charging, and heating across five industrial parks, including the Microelectronics Innovation Industrial Park and the Yixian Smart Innovation Park. To meet the green electricity demand of these five parks, the project plans to construct 89.92 MWp of distributed photovoltaic facilities, with an estimated annual power generation of 94.5735 million kWh, and simultaneously install 413 new energy charging stations to address the charging gap in the parks. Additionally, the project will implement energy-saving technical upgrades to existing gas-fired boilers and optimize the district heating network through direct burial of pipelines to enhance heating stability and energy efficiency. Upon completion, the project is expected to reduce carbon emissions by approximately 96,000 metric tons annually.

Assistance for Small and Micro Enterprises

In 2025, the "Thousand Enterprises, Ten Thousand Households" outreach campaign was launched to assist micro and small enterprises with financing. A total of 24,000 micro and small enterprises were visited and assessed, with 1,629 recommended for credit lines totaling approximately 7.22 billion yuan, of which 5.95 billion yuan has been utilized.

Iterative Improvement of the Service System

The "2025 TEDA Enterprise Service List" was optimized and adjusted. Through six key areas—business startup assistance, planning and construction, growth and development, comprehensive support for entrepreneurs and employees, "flying land" initiatives, and value-added services from the Business Welcome Center—a total of 146 specific service items were implemented to empower enterprise development. This represents a 14% increase in service items compared to 2024. In 2025, services were provided to over 86,000 enterprises and more than 580,000 individuals.

Publication of the Business Environment Handbook

TEDA Business Environment Handbook has been published annually for four consecutive years from 2022 to 2025, showcasing the current state of development and significant achievements across all sectors of TEDA.



Release of the TEDA Enterprise Environmental Protection Handbook

TEDA has revised and released the Enterprise Environmental Protection Handbook (2025 Edition). The handbook covers key areas of environmental protection work, including 19 topics ranging from environmental impact assessments and pollutant discharge permit applications to the standardization of discharge outlets.



Support for Enterprises Going Global

TEDA has released the implementation plan for the "One-Stop Cross-Border Expansion" reform initiative. Leveraging the "Northern China (TEDA) One-Stop Overseas Expansion Service Base," we are integrating resources from government agencies, associations, institutions, and enterprises to build an ecosystem for overseas expansion services.

Navigation Phase: Provide strategic planning and risk assessment, collaborating with specialized departments to customize legal service white papers and map out "Overseas Expansion Risk Maps."

Launch Phase: Assist enterprises with expedited approvals and resource matching to achieve "one-stop processing" for ODI filings and other procedures, while collaborating with institutions such as Colliers International and Standard Chartered Bank to resolve challenges related to overseas site selection, cross-border settlement, and supply chain establishment.

Support Phase: Facilitates localized operations and market expansion by providing logistics and customs clearance services, while promoting technological integration and industrial collaboration.

Safeguarding Phase: Implement risk prevention and long-term development strategies, provide risk mitigation services, and establish a "dual firewall" for legal and data security.

Return Phase: Innovate the "returning to roots while forging new paths" model, guiding high-quality overseas projects to return to the domestic market, and promoting deep integration between domestic and international dual circulation.

TEDA Notary Office serving enterprises going abroad

As the first notary office in a national-level development zone, the TEDA Notary Office has been dedicated to serving foreign-related economic activities for 40 years, with notarial services fully fulfilling their role as an "international passport." Since the beginning of this year, it has provided foreign-related notarial services—including for licenses, certificates, and seals—to nearly 200 enterprises, and handled notarial matters such as academic credentials and criminal record checks for nearly 1,000 dispatched employees, covering enterprises in multiple sectors including healthcare, pharmaceuticals, automotive, and telecommunications.

Science and Technology Innovation Empowerment

By 2025, 12 new provincial-level or higher R&D institutions were recognized, bringing the total number of such institutions to **over 200**; the registered value of technology contracts **exceeded 22 billion yuan**, with over 2,100 technology contracts registered at; R&D investment exceeded **10 billion yuan**; the number of national science and technology-based small and medium-sized enterprises (SMEs) in the database exceeded 1,400, representing an increase of approximately 80% compared to 2020; 135 new high-tech enterprises and 41 Tianjin "Cheetah" enterprises were recognized throughout the year; 14 new high-tech enterprises meeting the scale criteria were added, bringing the total number of such enterprises in the district to **over 400**. TEDA was successfully included in the preliminary list for approval as one of Tianjin's first municipal-level Future Industry Pilot Zones.

Launch of the "TEDA Firefly Alliance" to Empower Corporate Research and Innovation

Guided by the TEDA Administrative Commission and spearheaded by the Science and Technology Innovation Bureau, the alliance has been established through a joint effort involving universities, research institutes, enterprises, financial institutions and service providers. It is an open innovation partnership that integrates resource consolidation, collaborative innovation, technology transfer and industrial empowerment.

The "Firefly Alliance" focuses on key stages of technology transfer and has organized numerous events across various sectors. In 2025, it hosted innovation matchmaking summits in cutting-edge fields such as green petrochemicals and artificial intelligence.

Tianjin Scientific Experiment Base of SINOPEC Research Institute of Petroleum Processing Completed

Tianjin Scientific Experiment Base of SINOPEC Research Institute of Petroleum Processing (RIPP) has a total investment of approximately 1.6 billion yuan and a total floor area of 70,000 square meters. The project focuses on the construction of four research and pilot-scale platforms—including integrated low-carbon oil and chemical processing and high-end carbon materials—as well as two pilot production bases for speciality lubricants and greases and petroleum products. It will undertake research and development of technologies related to renewable energy, new materials and the circular economy, with the aim of establishing a pilot-scale technology platform for green, low-carbon chemical processing.



Huanghai Research Institute officially launched

The Huanghai Research Institute was founded in 1922 by Mr Fan Xudong, known as the 'Father of China's Chemical Industry'. It was the country's first chemical research institution and the first organization to systematically conduct research into microbiology. To uphold the "Huanghai Spirit" of "determination, tenacity, dedication and innovation", Tianjin Bohai Chemical Industry Group Co., Ltd. will restore the name "Huanghai Research Institute" to the Tianjin Bohai Chemical Industry Group Research Academy, located in the Nangang Industrial Zone, and register it as a company. This company will serve as the Research Academy's operational arm, coordinating the Group's key R&D areas, tackling core and common technologies in fields such as renewable energy and new materials, and accelerating the commercialization of scientific and technological achievements in the chemical industry.



Emergency Response System Build-up

Standardizing Emergency Safety Management

Revisions were made to the "Emergency Response Plan for Public Health Emergencies in the Enclave Parks of the Tianjin Economic-Technological Development Area," the "Emergency Response Plan for Water Supply Emergencies in the Development Area," the "Emergency Response Plan for Emergencies at Public Cultural Venues and Cultural Activities," and the "Emergency Response Plan for Emergencies at Sporting Events and Mass Sports Activities," thereby establishing a comprehensive emergency management system comprising 34 specialized contingency plans. The "Measures for Strengthening the Management of Dynamic Safety Risk Incidents at Hazardous Chemicals Enterprises in the Nangang Industrial Zone" requires enterprises to promptly report risk incidents such as facility maintenance and repairs, and the operation of facilities with existing defects via a digital platform. Currently, 10 enterprises have submitted reports through the Nangang Smart Platform.

Strengthening Disaster Early Warning and Prevention

TEDA has integrated the Municipal Emergency Management Bureau's aerial surveillance system and four spectral gas-cloud imaging detection systems. Video surveillance coverage has been extended to critical risk points—such as tank farms and loading/unloading areas—at 33 hazardous chemical enterprises. We have also facilitated full-process automation upgrades at four enterprises involved in chlorination, fluorination, and peroxidation processes, successfully achieving comprehensive integration of monitoring data—including temperature, pressure, liquid level, and toxic/flammable gas levels—from major hazard source enterprises within the zone. Repairs were completed on facilities and equipment at 18 pump stations and sluice gates, including the Five Major Streets Pump Station, North Drainage Pump Station, and East Drainage Sluice Gate in the East District. Additionally, water transfer pumps and deodorization facilities were installed at three pump stations in the West District—the Central-North Cluster, Central-South Cluster, and Central-South West—enhancing the district's capacity to respond to sudden flood disasters.

Political Integrity Building

In 2025, two educational conferences on Integrity Building were organized, using real-life cases from the local area for analysis; TEDA also arranged for more than 40 top leaders to observe court proceedings, enhancing the immediacy of the educational experience; and TEDA publicly disclosed one typical case regarding corruption, urging the involved unit to deepen the "Four-Pronged Approach to Case Education" while simultaneously reinforcing disciplinary education.

5

Charting the Course for Development: Writing a New Chapter in Sustainable Development



Currently, the global 2030 Agenda for Sustainable Development is advancing at an accelerated pace, yet the achievement of its various goals faces severe challenges. As the core drivers of regional economic growth, industrial parks bear the historic responsibility of exploring pathways to sustainable development.

In the future, TEDA will center on the “4+2+X” industrial system, accelerating the transition of its leading industries toward green and intelligent development. By 2030, it aims to establish a piloting zero-carbon industrial park, providing a “TEDA Model” for the low-carbon transformation of industrial parks worldwide, creating a scene of harmony between humanity and nature in our sight. We will continue to improve the public service system, comprehensively enhance residents’ sense of fulfillment and happiness, and build the core area of a beautiful “Binhai City,” ensuring that the fruits of development benefit all residents more equitably. We will continue to upgrade the digital governance system, drive leapfrog development in modernizing governance capabilities, enhance the effectiveness of open economy governance, and ensure the efficient and transparent operation of the ESG management system.

As the 15th Five-Year Plan gets underway, TEDA will continue to uphold our spirit: “Openness and pioneering spirit to strive for great achievements; innovation and pragmatism to build a new city through collective endeavor”. We will expand our green cooperation network and continue to increase our investment in ESG. We are confident that the path to sustainable development will grow ever broader; we welcome all visionary builders to join hands with TEDA in creating a brighter future for humanity!

Appendix

Glossary

ESG

Environmental, Social and Corporate Governance, also known as ESG (Environmental, Social and Governance), assesses the sustainability of a company's (or park's) operations in relation to its impact on societal values in terms of three dimensions: environmental, social and governance.

GRI Standards

GRI(Global Reporting Initiative)is an internationally recognized and widely cited framework for sustainability reporting. The GRI Standards consist of three general guidelines—"GRI 101 Foundation," "GRI 102 General Disclosures," and "GRI 103 Management Approach"—as well as topic-specific standards such as "GRI 200 Economic Disclosures," "GRI 300 Environmental Disclosures," and "GRI 400 Social Disclosures," providing companies with content and methodologies for topic-specific disclosures.


SDGs

The United Nations Sustainable Development Goals, abbreviated SDGs, are the 17 global development goals set by the United Nations to continue to guide global development efforts for the period 2015-2030 after the expiration of the Millennium Development Goals (MDGs) for 2000-2015. 2030 global development efforts. The UN SDGs include: (1) No Poverty; (2) Zero Hunger; (3) Good Health and Well-Being; (4) Quality Education; (5) Gender Equality; (6) Clean Water and Sanitation; (7) Affordable and Clean Energy; (8) Decent Work and Economic Growth; (9) Industry, Innovation and Infrastructure; (10) Reducing Inequality; and (11) Sustainable Cities and Communities; (12) Responsible Consumption and Production; (13) Climate Action; (14) Underwater Life; (15) Terrestrial Life; (16) Peace, Justice and Strong Institutions; and (17) Partnerships for Goal Achievement are the 17 goals.



Comparison Table of Substantive Issues

The 17 Sustainable Development Goals (SDGs)	Shanghai Stock Exchange Self-Regulatory Guidelines for Listed Companies No. 14 – Sustainability Reporting (Trial)	Sustainability Assessment Requirements and Implementation Guidelines for Industrial Parks	Identification of Material Issues for the Park
1 NO POVERTY End poverty in all its forms everywhere	Article 40: Contribution to Society		8. Social Protection 12. Revitalize rural areas
2 ZERO HUNGER End hunger, achieve food security, improve nutrition, and promote sustainable agriculture			8. Social Protection
3 GOOD HEALTH AND WELL-BEING Ensure healthy lives and promote well-being for all at all ages		Work Environment and Employee Development	8. Social Protection
4 QUALITY EDUCATION Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all		Work Environment and Employee Development	8. Social protection
5 GENDER EQUALITY Achieve gender equality and empower all women and girls	Article 40: Contribution to Society	Social Development and Social Inclusion	9. Social Justice
6 CLEAN WATER AND SANITATION Ensure access to water and sanitation for all and manage them sustainably	Article 36: Use of Water Resources	Environmental Quality	3. Environmental Governance
7 AFFORDABLE AND CLEAN ENERGY Ensure access to affordable, reliable, sustainable, and modern energy for all	Article 35: Energy Use	Energy Use	1. Energy Supply
8 DECENT WORK AND ECONOMIC GROWTH Promoting sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	Article 46: Equal Treatment of Small and Medium-sized Enterprises	Social Development and Social Inclusion	5. Green Policies 7. Economic Development 9. Workers' Rights
	Article 50: Employees	Work Environment and Employee Development Sustainable Financing and Investment Support Capacity	13. Protection of Corporate Interests 15. Corporate Empowerment
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE Build disaster-resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation	Article 42: Innovation-driven Development	Addressing Climate Change	2. Addressing Climate Change
		Infrastructure and Services Science, technology, and innovation	16. Scientific and Technological Innovation
10 REDUCED INEQUALITIES Reducing Inequalities Within and Among Countries	Article 40: Contribution to Society	Social Development and Social Inclusion	10. Social Justice
		Social Welfare	

The 17 Sustainable Development Goals (SDGs)	Shanghai Stock Exchange Self-Regulatory Guidelines for Listed Companies No. 14 – Sustainability Reporting (Trial)	Sustainability Assessment Requirements and Implementation Guidelines for Industrial Parks	Identification of Material Issues for the Park
 <p>Build inclusive, safe, resilient, and sustainable cities and human settlements</p>	Article 30: Pollutant Emissions	Energy Use	3. Environmental Governance 8. Social Security
	Article 31: Waste Management	Infrastructure and Services	11. Community Services 17. Emergency Management
 <p>Adoption of sustainable consumption and production patterns</p>	Article 37: Circular Economy	Resource Use and the Circular Economy	4. Resource Recycling 5. Green Policies 15. Corporate Empowerment
 <p>Taking urgent action to address climate change and its impacts</p>	Article 21-28: Addressing Climate Change	Addressing Climate Change	2. Addressing Climate Change 17. Emergency Management
 <p>Conserve and sustainably use the oceans, seas and marine resources for sustainable development</p>	Article 32: Protection of Ecosystems and Biodiversity	Ecosystems	3. Environmental Governance
	Article 33: Environmental Compliance Management		
 <p>Protecting, restoring, and promoting the sustainable use of terrestrial ecosystems; sustainably managing forests; combating desertification; halting and reversing land degradation; and halting biodiversity loss</p>	Article 32: Protection of Ecosystems and Biodiversity	Ecosystems	3. Environmental Governance
	Article 33: Environmental Compliance Management	Capacity building for environmental management	6. Ecological conservation
 <p>Build peaceful and inclusive societies for sustainable development, provide access to justice for all, and establish effective, accountable, and inclusive institutions at all levels</p>	Article 43: Ethics in Science and Technology	Management System Certification	8. Social Protection
	Article 52: Due Diligence	Institutional and Mechanism Innovation	13. Protection of Corporate Rights
	Article 55: Anti-Commercial Bribery and Anti-Corruption	Digital Park Governance	14. Digital Governance
	Article 56: Anti-Unfair Competition	Sustainable Governance Framework Disclosure and Transparency	18. Integrity Building
 <p>Strengthening Implementation Mechanisms and Revitalizing the Global Partnership for Sustainable Development</p>	Article 39: Rural Revitalisation	Support for National Strategies	12. Rural Revitalization